Naval Facilities Engineering Systems Command Southwest
BRAC PMO West
San Diego, CA

Final

Technical Memorandum: Strontium Analysis

Parcel G

Former Hunters Point Naval Shipyard, San Francisco, CA

September 2024

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September 2024

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Former Hunters Point Naval Shipyard, San Francisco, CA

September 2024

Lisa Bercik
Project Manager

September 18, 2024
Date

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Acronyms and Abbreviations

APTIM ..... Aptim Federal Services, LLC
Bi-210 ..... bismuth-210
CDPH ..... California Department of Public Health
COPC ..... contaminant of potential concern
Cs-137 ..... cesium-137
DI ..... deionized
DLC ..... decision level concentration
DQO ..... data quality objective
EPA ..... U.S. Environmental Protection Agency
EZA ..... Eckert & Ziegler Analytics
FCR ..... field change request
GFPC ..... gas flow proportional counter
HPNS ..... Hunters Point Naval Shipyard
MAPEP ..... Mixed Analyte Performance Evaluation Program
MARSSIM .... *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)*
MARLAP . *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*
MDC ..... minimum detectable concentration
Navy ..... U.S. Department of the Navy
PE ..... performance evaluation
Pb-210 ..... lead-210
pCi/g ..... picocurie per gram
QA ..... quality assurance
QC ..... quality control
Ra-226 ..... radium-226
RG ..... remedial goal
ROC ..... radionuclide of concern
SOP ..... standard operating procedure
Sr-89 ..... strontium-89
Sr-90 ..... strontium-90
SS/SD ..... sanitary sewer/storm drain

Acronyms and Abbreviations (continued)

TBS ..... total beta strontium

TPU ..... total propagated uncertainty

TU ..... trench unit

WPA ..... *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California*

Y-90 ..... yttrium-90

Executive Summary

The soil radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard (HPNS), San Francisco, California (Parcel G project) experienced project-specific challenges regarding analyzing strontium-90 (Sr-90) at HPNS's uniquely low Sr-90 remedial goal (RG). This technical memorandum provides background, an overview of the strontium analyses over the course of the Parcel G project and consolidates data and decisions into one document. This technical memorandum provides several lines of evidence supporting the U.S. Department of the Navy's (Navy's) decision to analyze project samples for total beta strontium (TBS) using the Eurofins-Test America Standard Operating Procedure (SOP) No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom method), or equivalent extraction method, and to compare TBS results to the Parcel G Sr-90 RG for project decisions. The Navy collaborated with the U.S. Environmental Protection Agency (EPA) and California Department of Toxic Substances Control, including the California Department of Public Health, throughout the Parcel G project during meetings, through data sharing and review, and through the document review and comment resolution process, to come to this decision. Aptim Federal Services, LLC (APTIM) prepared this technical memorandum for the Navy under the Radiological Environmental Multiple Award Contract, Contract Number N62473-17-D-0006, Contract Task Order N6247318F5065.

Background

Sr-90 is widely dispersed in the environment from atmospheric testing of nuclear weapons in the 1950s and 1960s. The Agency for Toxic Substances and Disease Registry reports that Sr-90 is found in nearly all soils in the United States (California Office of Environmental Health Hazard Assessment 2006), resulting in varying levels of anthropogenic background. Historical Navy use of radiological materials at HPNS included materials associated with shipyard operations, the Naval Radiological Defense Laboratory, and ship decontamination and maintenance procedures. Additional potential sources of Sr-90 at HPNS include the use of radioluminescent devices and radiation detection equipment check sources (Naval Sea Systems Command 2004).

Strontium-90 Remedial Goal

The *Final Record of Decision for Parcel G, Hunters Point Shipyard, San Francisco, California* (Navy 2009) presents the Parcel G Sr-90 RG for soil as 0.331 picocurie per gram (pCi/g). The Parcel G Sr-90 RG is based on residential land use. It is conservative and represents a target lifetime cancer risk in the 10^{-8} range (i.e., a probability of only

one person getting cancer in 100,000,000 potentially exposed individuals). A lifetime cancer risk of 10^{-8} is two orders of magnitude more conservative, therefore more health protective, than the lower end of the EPA's acceptable target lifetime cancer risk management range of 10^{-4} (1 in 10,000) to 10^{-6} (1 in 1,000,000) as stated in Title 40 Code of Federal Regulations (CFR) Section 300.430(e)(2)(i)(A)(2). The CFR states the 10^{-6} risk probability threshold shall be used as the point of departure (that is, the conservative default risk threshold) for determining RGs, further indicating that the Parcel G Sr-90 RG is very conservative and more protective of health by two orders of magnitude (or 100-fold). As the conservative default risk threshold of 10^{-6} already represents a very low risk probability, use of a 10^{-8} risk threshold for setting the RG represents an extremely low risk probability. It is noted that a cumulative cancer risk (potentially associated with all six radiological contaminants of potential concern [COPCs] at the site, including Sr-90) includes all six COPCs listed in the *Final Record of Decision for Parcel G, Hunters Point Shipyard, San Francisco, California* (Navy 2009), and that the cancer risk for Sr-90 (10^{-8}) is one portion/contributor to the overall cancer risk that has been calculated for the site. The estimated risk for Sr-90 is lower than the EPA's regulatory point of departure (10^{-6}) by a factor of 100.

History of Strontium Analytics at Hunters Point Naval Shipyard

Strontium has several radioactive isotopes, each with varying half-lives. Half-life is the time required for a quantity of a substance to reduce or decay to half of its initial value. The longest-lived of these isotopes are Sr-90 (half-life of 28.8 years), strontium-89 (Sr-89) (half-life of 51 days), and strontium-85 (Sr-85) (half-life of 65 days). Other strontium isotopes have half-lives shorter than 50 days, and most are under 100 minutes. Sr-85 is typically used in medicine and biology research, and Sr-89 is used in medical cancer treatments. Sr-90 is a radioactive isotope of strontium produced by nuclear fission.

Historically at HPNS, the Navy analyzed 10 percent of soil samples for TBS, which includes the strontium isotopes (Sr-85, Sr-89, Sr-90), due to the unlikelihood of Sr-85 or Sr-89 to be present and the laboratory variability that can occur when attempting to remove strontium isotopes from a soil sample. Analyzing for TBS is conservative because it includes the additional strontium isotopes in the reported strontium concentration. Since at least 2009, strontium was analyzed as TBS by a procedure based on EPA Method 905. If TBS was detected above the RG, the result was confirmed with isotopic Sr-90 analysis using EPA Method 905.

Isotopic Sr-90 analysis was specified in the *Preliminary Draft Work Plan for Radiological Data Evaluation and Confirmation Survey, Former Hunters Point Naval Shipyard, San Francisco, California* (CH2M Hill, Inc. 2017), changing the analysis from TBS to Sr-90. This basewide version of the work plan preceded the parcel-specific work plans. The *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Former Hunters Point Naval Shipyard, San Francisco, California* (WPA; APTIM 2020) included EPA Method 905 as the Sr-90 analytical method.

Project Timeline Overview

The Parcel G project timeline overview is summarized in the following table.

Date	Item
September 2020	Navy began sampling soil on RSY pads for Sr-90 using EPA Method 905 per the WPA.
January 2021	Navy was notified of first potential Sr-90 exceedances. The Navy investigated the potential exceedances including analyzing additional samples per the approved Work Plan and presenting findings to the regulatory agencies.
November 2021	Navy began reanalysis of project samples for Sr-90 using the Eichrom method per FCR-006. A total of 950 samples were analyzed for Sr-90 using the Eichrom method from November 2021 to March 2022.
December 2021	Navy was notified of first potential Sr-90 exceedances using the Eichrom method.
March 2022	Navy began reanalysis of project samples for TBS using the Eichrom method per FCR-007. A total of 1,017 samples were analyzed for TBS using the Eichrom method from March to July 2022.
August 2022	Navy performed MARLAP-style Eichrom method validation studies for Sr-90 and TBS analysis.
November 2023	Navy performed method verification studies for Sr-90 and TBS analysis using EPA Method 905 and performed the blind study for TBS analysis using the Eichrom method per FCR-008.

Notes:

EPA	U.S. Environmental Protection Agency
FCR	field change request
MARLAP	*Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*
Navy	U.S. Department of the Navy
RSY	radiological screening yard
Sr-90	strontium-90
TBS	total beta strontium

WPA	*Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Former Hunters Point Naval Shipyard, San Francisco, California*

Summary of Parcel G Strontium Data

In September 2020, the Navy started the Parcel G project analyzing 10 percent of soil samples for Sr-90 at HPNS using EPA Method 905 in accordance with the *Final Parcel G Removal Site Evaluation Work Plan, Former Hunters Point Naval Shipyard, San Francisco, California* (CH2M Hill, Inc. 2019) and the WPA (APTIM 2020). In January 2021, it was observed that several soil samples exhibited Sr-90 concentrations potentially exceeding the Parcel G Sr-90 RG. These results were unexpected because:

- The sample results were not reproducible.
- Sr-90 was detected in soil samples collected from trenches that were backfilled entirely with clean, sampled material imported from an off-site source.
- Sr-90 was detected in quality control (QC) method blank and laboratory replicate samples.

The Navy investigated the potential Sr-90 exceedances with the laboratory, carefully examining laboratory procedures and QC data.

Through research and in the process of investigating these samples that exhibited Sr-90 concentrations potentially exceeding the RG, the Navy identified a more accurate Sr-90 analytical method, referred to as the Eichrom method. The research indicated that the Eichrom method is more accurate than EPA Method 905 because the Eichrom method provides lower decision level concentration (DCL) and lower uncertainty. As part of the investigation into these samples that exhibited Sr-90 in excess of the RG, the Navy reanalyzed Parcel G project samples for Sr-90 using the Eichrom method. Again, there were several analytical results from soil samples with Sr-90 concentrations potentially exceeding the Sr-90 RG that were suspected to be false positives because:

- The sample results were not reproducible.
- Sr-90 was detected in soil samples collected from trenches that were backfilled completely with clean, sampled material imported from an off-site source.
- Sr-90 was detected in QC method blank and laboratory replicate samples.
- The analytical results did not match the potential Sr-90 exceedances detected using EPA Method 905.

The Navy and the laboratory investigated and carefully reviewed the laboratory data, laboratory procedures, and Eichrom method extraction column manufacturer's literature. The laboratory determined there was an interference causing a high bias in the Sr-90 results. The interference arose during Sr-90 separation from other isotopes. This separation step is not part of TBS analysis and, therefore, TBS analysis with the Eichrom method is not impacted by the interference. The Navy reanalyzed the project samples again for TBS (instead of Sr-90) using the Eichrom method.

A total of 1,017 soil samples were analyzed for TBS with the Eichrom method, which includes every project sample collected and analyzed for Sr-90 and/or TBS (a minimum of 10 percent of all project samples are analyzed for strontium). None of the 1,017 soil samples exceeded the Sr-90 RG (0.331 pCi/g). A total of 123 sample results had detected TBS activity with concentrations ranging from 0.0225 to 0.0941 pCi/g, an order of magnitude below the Sr-90 RG (0.331 pCi/g).

Laboratory Studies of the Eichrom Method and EPA Method 905

In consultation with the regulatory agencies (including the EPA, California Department of Toxic Substances Control, and the California Department of Public Health), the Navy performed the following laboratory studies of the Eichrom method and EPA Method 905 to confirm the analytical methods produced accurate and precise Sr-90 and TBS results at the Sr-90 RG concentration (0.331 pCi/g):

- A *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)* (MARLAP; EPA et al. 2004) style method validation study for TBS analysis using the Eichrom method
- A MARLAP-style method validation study for Sr-90 analysis using the Eichrom method
- A blind study for TBS analysis using Eichrom method with spiked samples prepared by a third party (Eckert & Ziegler Analytics) at concentrations unknown to the laboratory and to the Navy
- A method verification study for TBS analysis using EPA Method 905
- A method verification study for Sr-90 analysis using EPA Method 905

The Eichrom method for TBS analysis passed the MARLAP-style verification study and the blind study, demonstrating it is a reliable analytical method for TBS at this low concentration range. The Eichrom method for Sr-90 analysis passed the MARLAP-Style verification study only when a method blank population correction subtraction is applied

to the results. The EPA Method 905 failed the verification study for both TBS and Sr-90 analysis, demonstrating it is not a reliable analytical method for TBS and Sr-90 at this very low concentration range.

Conclusions

Based on the results of the aforementioned studies, and with the agreement of the regulatory agencies, the Navy HPNS Team will analyze project samples for TBS using the Eichrom method (or equivalent extraction method) for HPNS projects where Sr-90 is a radionuclide of concern. Figures ES-1 and ES-2 show the Parcel G project samples analyzed for Sr-90 using EPA Method 905 and TBS using the Eichrom method, respectively. The sample concentrations are graphed showing their uncertainties as error bars. These figures show data for the same project samples analyzed by both methods. It is evident from the figures that TBS analysis using the Eichrom method provides more accurate results (smaller uncertainty/error bars) at much lower DCLs, which are critical for making project decisions at the very low HPNS Sr-90 RG. The Sr-90 data shown on Figure ES-1 have large uncertainties, which indicate the EPA Method 905 is not a reliable method at this very low concentration range. HPNS uses point-by-point comparison of sample results with the RG to make project decisions for remediation, rather than sample averages as prescribed in *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (MARSSIM; EPA et al. 2000). This approach means that each sample result is directly compared to the RG on a point-by-point, not-to-exceed, basis and one elevated sample result triggers remedial action. EPA Method 905 does not produce reliable and reproducible data at the low Parcel G Sr-90 RG concentration and includes a higher likelihood of false positive results above the Parcel G Sr-90 RG due to higher uncertainty and DLC. TBS analysis using the Eichrom method was proven to be the most accurate, precise, and reproducible method available for HPNS project objectives. TBS analysis using the Eichrom method results in a higher degree of confidence for project decision-making for point-by-point (not-to-exceed) comparison at the very low HPNS Sr-90 RG (0.331 pCi/g). Consequently, TBS analytical results will be compared to the Sr-90 RG for project decisions.

A total of 1,017 soil samples were analyzed for TBS with the Eichrom method. No samples exceeded the Sr-90 RG (0.331 pCi/g).

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EXECUTIVE SUMMARY FIGURES

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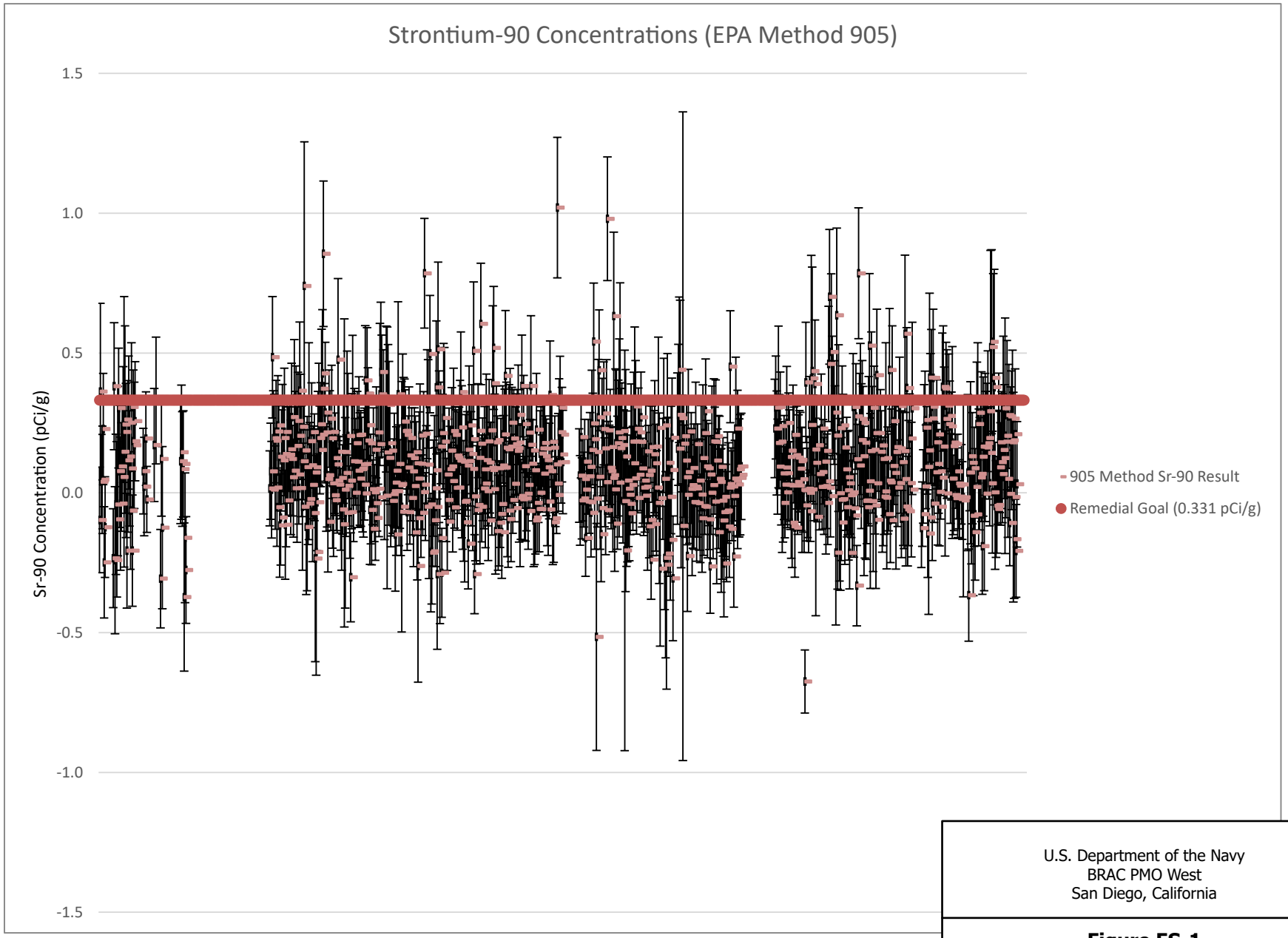

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Figure ES-1
Strontium-90 Concentrations Analyzed using EPA Method 905

Hunters Point Naval Shipyard, San Francisco, California

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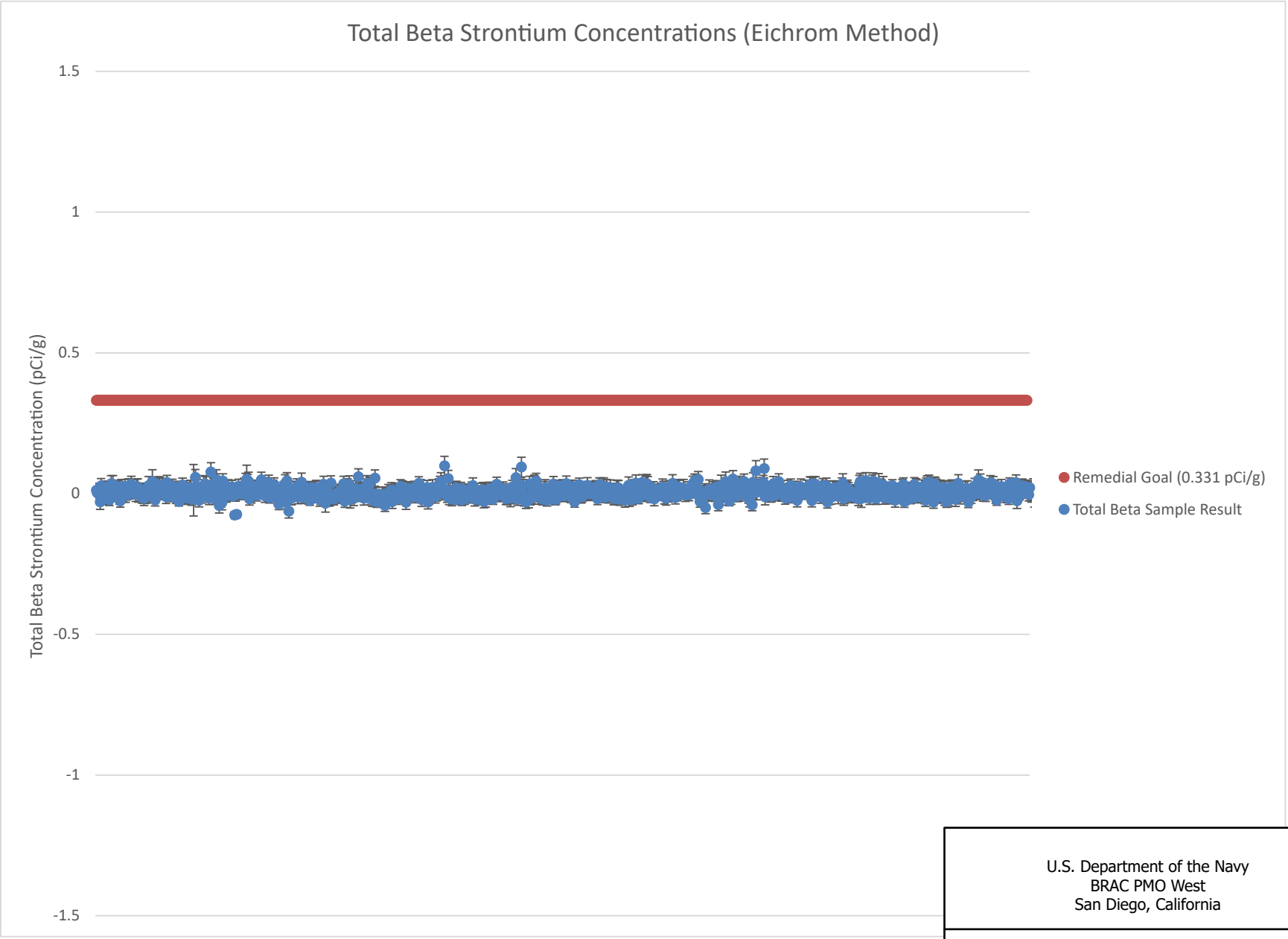

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Figure ES-2
Total Beta Strontium Concentrations Analyzed using the Eichrom Method

Hunters Point Naval Shipyard, San Francisco, California

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1.0 Introduction

The soil radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard (HPNS), San Francisco, California, experienced challenges identifying the appropriate analytical method for strontium-90 (Sr-90) and total beta strontium (TBS). This technical memorandum presents background, explanation of strontium analytical methods used, data quality challenges, data results, and conclusions for strontium analysis going forward. Aptim Federal Services, LLC (APTIM) prepared this technical memorandum for the U.S. Department of the Navy (Navy) under the Radiological Environmental Multiple Award Contract, Contract Number N62473-17-D-0006, Contract Task Order N6247318F5065.

1.1 Purpose

The purpose of this technical memorandum is to provide background, an overview of the strontium analyses over the course of the Parcel G project, and to consolidate data and decisions into one document. This technical memorandum provides several lines of evidence supporting the Navy's decision to analyze project samples for TBS using the Eurofins-TestAmerica Standard Operating Procedure (SOP) No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom method; or equivalent) and compare TBS results to the Sr-90 remedial goal (RG) for project decisions.

1.2 Timeline

Table 1 provides a timeline of strontium-related occurrences, including meetings, requests for information, data submittals, and decisions.

1.3 Technical Memorandum Organization

This technical memorandum is organized as follows:

- Section 1.0, "Introduction"—provides an introduction, purpose, timeline, and the document organization.
- Section 2.0, "Background"—discusses the presence of strontium at Parcel G, the Parcel G Sr-90 RG, the history of strontium analytics at HPNS, and provides definitions of decision level concentration (DLC) and total propagated uncertainty (TPU).

- Section 3.0, “Strontium Analytical Methods and Results”—discusses the two strontium analytical methods used for the Parcel G project and associated results.
- Section 4.0, “Validation Study for the Eichrom Method”—provides an overview and summary of the TBS and Sr-90 method validation studies performed for the Eichrom method, as well as the blind study performed using performance evaluation (PE) samples prepared by a third party.
- Section 5.0, “Verification Study for EPA Method 905”—provides an overview and summary of the TBS and Sr-90 method verification studies performed for EPA Method 905.
- Section 6.0, “Summary and Conclusions”—provides the summary and conclusions of this technical memorandum.
- Section 7.0, “References”—includes a list of documents used to compile this technical memorandum.
- Appendices A through F—responses to regulatory agency comments, the TBS method validation study report for the Eichrom method, the Sr-90 method validation study report for the Eichrom method, the Eichrom method blind study report, the Sr-90 and TBS method verification study report for EPA Method 905, and the laboratory reports for all project samples are included as Appendices A, B, C, D, E, and F.

2.0 Background

This section provides the background for Sr-90 at Parcel G, discussion of the Sr-90 RG, a brief history of strontium analytics at HPNS, and radiochemistry basics to facilitate understanding of technical matters discussed in this technical memorandum.

2.1 Strontium at Parcel G

Strontium-90 is widely dispersed in the environment from atmospheric testing of nuclear weapons in the 1950s and 1960s. Historical Navy use of radiological materials at HPNS included materials associated with shipyard operations, the Naval Radiological Defense Laboratory, and ship decontamination and maintenance procedures. Sr-90 at HPNS included radio luminescent devices and radiation detection equipment check sources (Naval Sea Systems Command 2004). Navy operations ceased at HPNS in 1974, at which time the Navy leased the facilities to private tenants and Navy-related entities, the largest of which was Triple A Machine Ship, Inc., for ship repair operations. The Navy resumed operation of HPNS in 1986, when HPNS was assigned as an annex to Naval Station Treasure Island. Shipyard operations were permanently terminated on December 29, 1989.

Radiologically-impacted soil sites at Parcel G include the sanitary sewers and storm drains (SS/SDs), the Building 351A crawlspace, and the former Buildings 317/364/365 site (CH2M Hill, Inc. 2019). The *Historical Radiological Assessment, Hunters Point Annex, Volume II, History of the Uses of General Radioactive Material 1939–2003* (Naval Sea Systems Command 2004) lists the following radionuclides of concern for each soil site:

- SS/SDs: cesium-137 (Cs-137), radium-226 (Ra-226), Sr-90
- Former Building 317/364/365 site: Cs-137, Plutonium-239, Ra-226, Sr-90, Uranium-235
- Building 351A crawlspace: Cs-137, Plutonium-239, Ra-226, Sr-90, Thorium-232

2.2 Strontium-90 Remedial Goal

The *Final Record of Decision for Parcel G, Hunters Point Shipyard, San Francisco, California* (Navy 2009) presents the Sr-90 RG for soil as 0.331 picocurie per gram (pCi/g). The Sr-90 RG is based on residential land use. The Sr-90 RG is conservative and represents a target lifetime cancer risk in the 10^{-8} range (i.e., a probability of only

one person getting cancer in 100,000,000 potentially exposed individuals). A lifetime cancer risk of 10^{-8} is two orders of magnitude more conservative, therefore more health protective, than the lower end of the EPA's acceptable target lifetime cancer risk management range of 10^{-4} (1 in 10,000) to 10^{-6} (1 in 1,000,000) as stated in Title 40 Code of Federal Regulations (CFR) Section 300.430(e)(2)(i)(A)(2). The CFR states the 10^{-6} risk probability threshold shall be used as the point of departure (that is, the conservative default risk threshold) for determining RGs, further indicating that the HPNS Sr-90 RG is very conservative and more protective of health by two orders of magnitude (or 100-fold). As the conservative default risk threshold of 10^{-6} already represents a very low risk probability, use of a 10^{-8} risk threshold for setting the RG represents an extremely low risk probability. It is noted that a cumulative cancer risk (potentially associated with all six radiological COPCs at the site, including Sr-90) includes all six COPCs listed in the *Final Record of Decision for Parcel G, Hunters Point Shipyard, San Francisco, California* (Navy 2009), and that the cancer risk for Sr-90 (10^{-8}) is one portion/contributor to the overall cancer risk that has been calculated for the site. The estimated risk for Sr-90 is lower than the EPA's regulatory point of departure (10^{-6}) by a factor of 100.

For final data evaluation, HPNS uses point-by-point comparison of sample results with the RG to make project decisions for remediation, rather than sample averages as prescribed in *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (MARSSIM; EPA et al. 2000). This approach means that each sample result is directly compared to the RG on a point-by-point, not-to-exceed basis, and one elevated sample result triggers remedial action. In MARSSIM, radiological surveys are designed to include a statistically calculated number of samples sufficient to meet the project objectives. The data are collected and then statistically evaluated based on survey units. The data from survey units are averaged and compared to the action level to determine if further remedial action is required. The point-by-point approach used at HPNS is more conservative than the statistical evaluations outlined in MARSSIM, where data are compared to action levels based on survey unit averages.

2.3 History of Strontium Analytics at Hunters Point Naval Shipyard

Strontium has several radioactive isotopes. The longest-lived of these isotopes are Sr-90 (half-life of 28.8 years), strontium-89 (Sr-89) (half-life of 51 days), and Sr-85 (half-life of 65 days). Other strontium isotopes have half-lives shorter than 50 days, and most are under 100 minutes. Sr-85 is typically used in medicine and biology research,

and Sr-89 is a product of nuclear fission and is used in medical cancer treatments. Sr-90 is a radioactive isotope of strontium produced by nuclear fission. Sr-90 undergoes beta decay into yttrium-90 (Y-90), which has a half-life of 64 hours.

Historically at HPNS, the Navy analyzed 10 percent of soil samples for TBS, which includes the strontium isotopes (Sr-85, Sr-89, Sr-90), due to the unlikelihood of Sr-85 or Sr-89 to be present (because of their very short half-lives) and the laboratory variability that can occur when attempting to remove strontium isotopes from a soil sample. Since at least 2009, strontium was analyzed as TBS by a procedure based on U.S. Environmental Protection Agency (EPA) Method 905. If TBS was detected above the RG, the result was confirmed with isotopic Sr-90 analysis using EPA Method 905.

The radionuclide of concerns (ROCs) for Parcel G SS/SDs are Ra-226, Cs-137, and Sr-90. Cs-137 and Sr-90 are fission products and are often observed together. As stated in Parent Work Plan Section 5.4 (CH2M Hill, Inc. 2019), Cs-137 is considered to be the indicator for fission product radionuclides with Navy Radiological Defense Laboratory activities. The *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (MARSSIM; EPA et al. 2000) Section 4.3.2 provides justification for the use of surrogates, such as the use of a measured Cs-137 concentration as a surrogate for Sr-90. If an established ratio between radionuclides does not exist, MARSSIM recommends that at least 10 percent of the final status survey measurements (both direct measurements and samples) include analyses for ROCs. The Navy has historically used this approach for SS/SD removal sites as well as other areas where both Cs-137 and Sr-90 are ROCs.

Isotopic Sr-90 analysis was specified in the *Preliminary Draft Work Plan for Radiological Data Evaluation and Confirmation Survey, Former Hunters Point Naval Shipyard, San Francisco, California* (CH2M Hill, Inc. 2017), changing the analysis from TBS to Sr-90. This basewide version of the work plan preceded the parcel-specific work plans. The *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Former Hunters Point Naval Shipyard, San Francisco, California* (WPA; APTIM 2020) included EPA Method 905.

2.4 Radiochemistry Basics: Type I and II Errors, Decision Level Concentration, Uncertainty

This subsection serves as an introduction to measurable quantities terminology that is referred to in this document, as well as *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (MARSSIM; EPA et al. 2000) and *Multi-Agency*

Radiological Laboratory Analytical Protocols Manual (MARLAP) (MARLAP; EPA et al. 2004) guidance for optimal decision making based on measurable quantities.

2.4.1 Type I and II Errors

In the context of radioactivity detection decisions, two types of decision errors are considered: a Type I error and a Type II error. A Type I error is made by rejecting the null hypothesis when the hypothesis is true (i.e., a “false rejection” or “false positive”) to conclude that a sample contains radioactivity when it does not. A Type II error is made by failing to reject the null hypothesis when it is false (i.e., a “false acceptance” or “false negative”) to conclude that a sample does not contain radioactivity when it does.

2.4.2 Decision Level Concentration

The DLC is sometimes called the “critical value” or “critical level.” When an analyte detection decision is required, the decision is made by comparing the gross signal, net signal, or measured analyte concentration to its corresponding critical value.

The DLC is the minimum measured value (of the instrument signal or the analyte concentration) required to give confidence that a positive (nonzero) amount of analyte is present in the sample (MARLAP, Chapter 20). The DLC is the concentration of analyte at (or above) which a decision is made that the analyte is present.

Expressed in a different manner, DLC is the minimum concentration at which activity is detected in a sample and there is a 5 percent probability of reporting false positives in a sample with no activity (defined as a Type I error). The Type I error (false positive) is typically established as 5 percent.

Minimum detectable concentration (MDC) is the minimum detectable value of the analyte concentration in a sample that gives a specified probability that the observable measurement result will exceed its critical value (i.e., that the material analyzed is not blank). MDC is the *a priori* activity level that a specific instrument and technique can be expected to detect 95 percent of the time and is based on Type I and Type II errors. The MDC is typically twice as large as the DLC.

MARSSIM states that:

> “during survey design, it is generally considered good practice to select a measurement system with a Minimum Detectable Concentration (MDC) between 10%-50% of the [Derived Concentration Guideline Level] DCGL [action level].”

MARLAP clarifies this statement and relates it back to the question of quantification by stating that the MDC should be 10 percent to 50 percent of the action level which also implies that the relative standard deviation is approximately 10 percent of the concentration needing to be quantified (MARLAP, Appendix C). As an estimate, the MDC can be assumed to be about twice the DLC being reported; therefore, DLC values of 5 percent to 25 percent of the action level are suggested. Applying this guidance for the HPNS Sr-90 RG of 0.331 pCi/g, DLC ideally ranges from 0.017 to 0.083 pCi/g. Due to the low radiological RGs at HPNS, the suggested DLC ranges are not always achievable due to practical laboratory limitations.

2.4.3 Total Propagated Uncertainty

Laboratory measurements involve uncertainty, which must be considered when analytical results are used as part of a basis for making decisions. The uncertainty of a measured value gives a bound for the likely size of the measurement error (MARLAP Chapter 19). There are usually two uncertainty values associated with a measurement: counting uncertainty and TPU. The general term “sample uncertainty” or “uncertainty” usually refers to TPU; the terms are used interchangeably and, in this document, uncertainty and TPU are equivalent. MARLAP also calls this the “combined standard uncertainty” (MARLAP, Chapter 19).

Uncertainty is expressed in the form of estimated standard deviation (sigma) called the standard uncertainty. Standard deviation is a measurement of how much a datum varies from the average. When a data set is plotted on a normal distribution curve (bell curve), one standard deviation (1-sigma) defines the region that includes approximately 68 percent of all data points. When reporting a result, the uncertainty may be multiplied by a coverage factor to produce an expanded uncertainty, increasing the probability (referred to as coverage probability) that the measurand will be contained within the reported uncertainty range. When the distribution of a measured result is approximately a normal distribution, an expanded uncertainty calculated for a coverage probability of approximately 95 percent is called “2-sigma” and is two standard deviations of the distribution of the measured result. Likewise, “3-sigma” is used for expanded uncertainty calculated for approximately 99.7 percent coverage probability.

Counting uncertainty of a radiation measurement is the component of uncertainty caused by the random nature of radioactive decay and radiation counting.

TPU is a combination of the count uncertainty with other random and systematic uncertainties associated with the method. Such random and systematic uncertainties

may include the relative fractional uncertainty related to the counting efficiency (calibration), volume measurement (aliquotting), chemical/tracer yield, and others. These are propagated into the overall uncertainty using a square root of the sum of the squares function:

$$TPU = \sqrt{(CU)^2 + (TPUFact * A)^2}$$

Where CU is the absolute counting uncertainty (at 1-sigma), TPUFact is the relative (%) combined random and systematic uncertainties (at 1-sigma), and A is the measured activity concentration of the sample. The TPU is normally reported at a coverage factor of 2-sigma.

Potential contributing factors to uncertainty may include (but not necessarily limited to):

- Reagents other than the deionized (DI) water used in the method (for example acids, carriers, etc).
- Possible incorporation/adsorption of radon from the air into the sample during latter precipitation steps.
- Potential of the detector background to be elevated slightly during the actual sample count (compared to the long background subtraction used for the calculation).

The detailed laboratory TPU calculations for TBS and Sr-90 are shown as follows:

<u>TBS TPU</u>

$$TPU = \sqrt{(CU)^2 + (AR_E)^2 + (AR_V)^2 + (AR_S)^2 + (AS_P)^2}$$

Where:

CU counting uncertainty of the sample

A activity concentration in the sample

R_E the relative fractional random uncertainty associated with the counting efficiency. The predominant uncertainty in the efficiency is related to the NIST (National Institute of Standards and Technology)-traceable standard. This is certified to be ≤4% at the 3-sigma level. In addition, prepared standards are counted to achieve a 1% (1-sigma) uncertainty. R_E is estimated to be 0.025.

R_V the relative fractional random uncertainty associated with the volume measurement. Sample aliquots are measured with graduated cylinders, calibrated pipettes, and/or an analytical balance having an uncertainty of <1%, R_V is estimated to be 0.01.

R_S the relative fractional random uncertainty associated with the strontium carrier yield. Vendor carrier standards are certified at ±0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.5%. R_S is estimated to be 0.01.

S_P the relative fractional systematic uncertainty of the procedure. S_P is estimated to be 0.02.

The projected TBS TPU (1-sigma) would be:

$$TPU = \sqrt{(CU)^2 + (0.035 * A)^2}$$

<u>Sr-90 TPU</u>

$$TPU = \sqrt{(CU)^2 + (AR_E)^2 + (AR_V)^2 + (AR_S)^2 + (AR_Y)^2 + (AS_P)^2}$$

Where:

CU counting uncertainty of the sample

A activity concentration in the sample

R_E the relative fractional random uncertainty associated with the counting efficiency. The predominant uncertainty in the efficiency is related to the NIST (National Institute of Standards and Technology)-traceable standard. This is certified to be ≤4% at the 3-sigma level. In addition, prepared standards are counted to achieve a 1% (1-sigma) uncertainty. R_E is estimated to be 0.025.

R_V the relative fractional random uncertainty associated with the volume measurement. Sample aliquots are measured with graduated cylinders, calibrated pipettes, and/or an analytical balance having an uncertainty of <1%, R_V is estimated to be 0.01.

R_S the relative fractional random uncertainty associated with the strontium carrier yield. Vendor carrier standards are certified at ±0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.8%. R_S is estimated to be 0.01.

R_Y the relative fractional random uncertainty associated with the yttrium carrier yield. Vendor carrier standards are certified at ±0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.8%. R_Y is estimated to be 0.015.

S_P the relative fractional systematic uncertainty of the procedure. S_P is estimated to be 0.025.

The projected Sr-90 TPU (1-sigma) would be:

$$TPU = \sqrt{(CU)^2 + (0.041 * A)^2}$$

In theory, longer sample count durations will lower the relative uncertainty and DLC. However, for Sr-90 (based upon the Y-90 daughter) there becomes a point of diminishing returns due to the relatively short half-life of the Y-90 daughter. In addition, the extra chemistry (and thus lower overall carrier yields) and the decay of Y-90 before (and during) counting lead to higher relative uncertainty and detection limit (fractional decay factor in the denominator increases the uncertainty/detection limit).

The best relative uncertainty can be achieved using TBS analysis with a 14-day ingrowth. After 14 days ingrowth, for every one Sr-90 decay there will be two beta emissions (one for Sr-90 and one for Y-90) leading to an ingrowth factor of two in the denominator. This results in lower relative uncertainty and DLC.

Uncertainty, like DLC, varies for each sample analyzed and is calculated for each reported result. A target TPU of 10 to 30 percent of the action limit is desirable for project decisions (MARLAP, Chapter 3). Applying this guidance for the HPNS Sr-90 RG of 0.331 pCi/g, TPU ideally ranges from 0.033 to 0.099 pCi/g. Due to the low radiological RGs at HPNS, the suggested TPU ranges are not always achievable due to practical laboratory limitations. The laboratory conformed to the provided project goals for uncertainty and took actions such as suggesting an alternative analysis method (i.e., the Eichrom method) to achieve the project goals.

3.0 Strontium Analytical Methods and Results

This section describes two different analytical methods used by the Parcel G project for strontium analysis:

- Eurofins-TestAmerica SOP No. ST-RC-0050, “Aqueous and Soil Sample Preparation for Strontium-89, Stronitum-90 and Total Strontium” (EPA Method 905)
- Eurofins-TestAmerica SOP No. ST-RC-0058, “Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography” (Eichrom method)

The WPA (APTIM 2020) included EPA Method 905 as the Sr-90 sample preparation method. In October 2021, the Eichrom method was added to the WPA by Field Change Request (FCR)-006 to achieve lower DLC and uncertainty to provide more accurate results. In June 2022, FCR-007 revised the analytical protocol to include analysis of TBS using the Eichrom method and comparing the TBS result to the Parcel G Sr-90 RG for project decisions; TBS results above the Parcel G Sr-90 RG trigger confirmation by isotopic Sr-90 analysis. FCR-007 was issued because the laboratory determined the Eichrom method produced Sr-90 results that were consistently biased high due to interference from lead-210 (Pb-210) (and therefore daughter product bismuth-210 [Bi-210]) being retained on the extraction column resin during analysis. The presence of these beta emitters caused a high bias in the final Sr-90 result. Due to ongoing challenges analyzing isotopic Sr-90 and the consistent biased high Sr-90 results, in November 2022, the Navy approved FCR-007 Revision 1, which removed the requirement for isotopic Sr-90 analysis to confirm potential strontium exceedances. Per FCR-007 Revision 1, solely TBS results are used to make project decisions. The documents and strontium analytical procedures are summarized as follows:

Date	Document	Strontium Analytical Protocol
July 2020	WPA	Sr-90 analysis using EPA Method 905
October 2021	FCR-006	Sr-90 analysis using Eichrom method
June 2022	FCR-007	TBS analysis using Eichrom method, confirm potential exceedances with Sr-90 analysis using Eichrom method
Pending	FCR-007, Revision 1	TBS analysis using Eichrom method (no confirmation step, TBS results are the final results)

Table 2 includes the strontium analytical results for this project, which are discussed in the following subsections, including:

- Sr-90 results using the EPA Method 905
- TBS results using the EPA Method 905
- Sr-90 results using the Eichrom method
- TBS results using the Eichrom method
- Sr-90 results using the Eichrom method, SOP Revision 9

Project samples were collected from September 28, 2020, through December 10, 2021. For the radiochemical methods, the site soil samples are prepared using the following steps prior to subsampling for analysis:

1. Samples are dried in drying ovens for a minimum of eight hours.
2. After drying, rolling rocks are placed into a 1-gallon paint can and rolled on the ball mill for a minimum of eight hours for disaggregation and homogenization.
3. Rolling rocks are removed and the homogenized sample is used for analysis.

After this preparation, the sample is considered homogenized to the extent practicable, ensuring representative sub-samples.

3.1 EPA Method 905

EPA Method 905 was originally written for drinking water samples and modified for soil sample analysis. The method uses a strong acid digestion of a small soil aliquot (1 gram), and then a series of manual wet chemistry separation steps with precipitation and dissolution to separate strontium (radio-strontium and stable strontium) from various natural or man-made interferences. The final precipitate is dried on a planchet and counted for TBS (if reporting TBS) or Y-90 (if reporting Sr-90) using a gas flow proportional counter (GFPC).

Sample preparation for Sr-90 analysis includes several precipitation and chemistry cleanup steps. Following a seven-day Y-90 (Sr-90 daughter product) ingrowth period to approach secular equilibrium with Sr-90, the Y-90 is precipitated from the aliquot and plated on the planchet. Once plated, there is limited time to count the Y-90 due to its short half-life (approximately 64 hours). TBS and Sr-90 can be analyzed from the same

sample aliquot if it is known both analyses are required when the aliquot is initially prepared.

3.1.1 Results

A total of 788 Sr-90 analyses and 234 TBS analyses were performed by EPA Method 905; this total includes field duplicates and sample replicates (Table 2).

Based on historical practices at HPNS, initially, 41 project samples were analyzed for TBS using EPA Method 905 for samples collected September through October 2020. There were no detections over the Parcel G Sr-90 RG (0.331 pCi/g), and the DLCs and TPUs were low. For these initial 41 samples, the DLCs ranged from 0.039 to 0.068 pCi/g, approximately 12 to 20 percent of the RG, and the TPUs ranged from 0.049 pCi/g to 0.079 pCi/g, approximately 15 to 24 percent of the RG, within the MARSSIM and MARLAP guidance target ranges, as discussed in Sections 2.4.1 and 2.4.2.

Starting November 2020, after reevaluating the *Final Parcel G Removal Site Evaluation Work Plan, Former Hunters Point Naval Shipyard, San Francisco, California* (CH2M Hill, Inc. 2019) requirements, sample analysis was switched to isotopic Sr-90 analysis to comply with the work plan. Immediately, within the first few batches of sample data using the isotopic Sr-90 analysis, very low Sr-90 detections, just above the RG, were observed in project samples. Of the 788 samples analyzed for Sr-90 with EPA Method 905, there were 62 samples with concentrations above the RG. Concentrations above the RG ranged from 0.333 to 1.02 pCi/g. With the isotopic Sr-90 analysis, DLCs and TPUs increased significantly from TBS analysis. From the 788 samples analyzed for Sr-90 using EPA Method 905, DLCs ranged from 0.053 to 1.3 pCi/g, approximately 16 to 400 percent of the RG, with 99.6 percent (785 samples) above the MARSSIM and MARLAP guidance target range, as discussed in Section 2.4.1. TPUs ranged from 0.049 pCi/g to 1.2 pCi/g, approximately 15 to 350 percent of the RG, with 99.9 percent (787 samples) above the MARSSIM and MARLAP guidance target range, as discussed in Section 2.4.2. Table 3 summarizes DLC and TPU ranges, MARSSIM/MARLAP guidance target ranges, and the numbers of samples above the target ranges.

Upon receiving the first results potentially exceeding the Parcel G Sr-90 RG in January 2021, the Navy initiated an investigation to review historic information to determine if the original SS/SD removal action excavations (performed by a previous Navy contractor) reported strontium detections. According to the *Final Removal Action Completion Report, Parcel G, Hunters Point Naval Shipyard, San Francisco, California* (Tetra Tech

EC, Inc. 2011), the original SS/SD excavations had no strontium detections above the Parcel G Sr-90 RG[1]. The SS/SD trenches were backfilled with radiologically-cleared soil and/or clean import material; some trenches, such as Trench Unit (TU) TU 77 and TU 103, were backfilled entirely with clean import material. The previous Navy contractor sampled the import material for strontium; four samples were collected and Sr-90 results ranged from -0.003 to 0.041 pCi/g, below the RG (Tetra Tech EC, Inc. 2011). Under this Parcel G project, there are 16 sample results potentially exceeding the Parcel G Sr-90 RG from TU 77 and four sample results potentially exceeding the Parcel G Sr-90 RG from TU 103 (Table 2).

3.1.2 Additional Aliquots

In late January 2021, the Navy requested the laboratory analyze four additional aliquots from each sample with elevated Sr-90 results to determine if the Sr-90 result was reproducible. The Navy analyzed additional aliquots because the potential exceedances were unexpected due to the material sampled. In the first few elevated sample results, potential exceedances were detected in the project sample (HPPG-ESU-124A-021) but not the laboratory replicate sample (HPPG-ESU-TU124A-021LR), and potential exceedances were detected in samples collected from TUs that were entirely backfilled with clean, sampled fill imported from an off-site source.

As explained in Section 3.1, the laboratory was not able to reanalyze the original aliquot for confirmation because of the 64-hour Y-90 decay period. Therefore, the four additional aliquots (quadruplicates) were required to provide additional Sr-90 data from the original homogenized soil sample. Quadruplicate sample aliquots each from 39 samples were analyzed for TBS first, followed by Sr-90 specific analysis using the same soil aliquot to confirm the detections, resulting in the analysis of 156 additional sample aliquots. The detected Sr-90 concentrations in the 39 original samples ranged from 0.334 to 1.02 pCi/g. Table 4 shows the results for the 39 original samples and the 156 quadruplicate analyses. The original detections are not confirmed by the quadruplicate analysis of TBS. Because TBS analysis includes all strontium isotopes, if TBS is not detected in the sample, isotopic Sr-90 cannot be present. There was one detection of

[1] It is recognized that this Tetra Tech EC, Inc. reference document may include falsified information and Tetra Tech EC, Inc.'s radiological work at HPNS is the subject of ongoing litigation. This reference is included as one of the lines of evidence that indicated the strontium sample results were not expected based on previous information.

TBS in sample HPPG-F-089 over the RG; however, this detection was not confirmed with the follow-up isotopic Sr-90 analysis. Several Sr-90 detections in the quadruplicate analysis were not confirmed with the initial TBS analysis. The results from the quadruplicate analysis indicate a possible random low-level interference in the Sr-90 specific analysis. Although EPA Method 905 is designed to remove potential interferents, the wet chemistry process is complex and is dependent upon complete chemical reactions and laboratory analyst skill. The quadruplicate results indicate EPA Method 905 is not reliable or reproducible at very low decision levels, such as the HPNS Sr-90 RG. The high uncertainty in the isotopic Sr-90 analysis indicates a potential for bias and error at the decision level.

3.1.3 Laboratory Quality Control Samples

The laboratory analyzes quality control (QC) samples including method blank samples and laboratory replicate samples. Method blank sample 160-495823/16-A reported a Sr-90 result of 0.3349 pCi/g, above the Parcel G Sr-90 RG. Method blank samples consist of DI water and do not contain radionuclides. Method blank detection may indicate potential bias and/or interference in the analytical method. Because the Parcel G Sr-90 RG is low, it is important to account for bias observed in the analytical method as demonstrated in high method blank results. Method blank detections indicate further action may be warranted, such as application of a method blank population correction.

Three laboratory replicate samples (HPPG-ESU-TU077D-001LR, HPPG-SFU-TU124A-001LR, and HPPG-F-103LR) reported results exceeding the Parcel G Sr-90 RG. The corresponding project samples and quadruplicate sample aliquots did not exceed the Parcel G Sr-90 RG (Table 4). Laboratory sample HPPG-F-103LR was a replicate of project Sample ID HPPG-F-103, which was a field duplicate of project Sample ID HPPG-ESU-TU069B-001. Sample ID HPPG-ESU-TU069B-001 also did not exceed the Parcel G Sr-90 RG (Table 4). As previously noted, the reported detections of Sr-90 in QC samples but not parent samples or the quadruplicate samples suggest that interferences may be present.

3.1.4 Recounted Samples

In addition to quadruplicate reanalysis, the Navy requested the laboratory recount samples with results above the Parcel G Sr-90 RG immediately, within the Y-90 decay time. A result from the GFPC recount of the same sample planchet should be comparable to the original result. Thirty-five samples with initial Sr-90 results potentially exceeding the RG were recounted by the laboratory (Table 5). Thirty-two out of

35 recounted samples (91 percent) did not confirm the original detections (i.e., were below the RG); 28 recounted samples did not have positive Sr-90 detections above the DLC. Two recounts were greater than the original result. However, the uncertainty in the original result and recounts were high for the 35 samples, with a maximum uncertainty of 0.515 pCi/g, which is 160 percent greater than the RG. The recount results indicate non-reproducible detections and possible interference. The high uncertainty in results indicate a potential bias and error at the RG.

3.2 Eichrom Method

Strontium analysis by extraction chromatography method preparation uses a strong acid digestion of a 2.5-gram aliquot of soil, compared to the 1-gram aliquot used for EPA Method 905. Following digestion, the separation and isolation of radio-strontium is accomplished with a strontium-specific ion chromatography resin column. The strontium binds to the resin allowing for the separation from natural or manufactured interferences with various rinse solutions. The final column elution is precipitated and counted for TBS or Y-90 (if reporting Sr-90) using GFPC. The Eichrom preparation method provides lower DLCs and TPU, which will allow for more reliable decisions at the Parcel G Sr-90 RG.

After discussions with the laboratory and the Navy, the Eichrom method was added to the WPA (APTIM 2020) by FCR-006, which was reviewed by the regulatory agencies and approved by the Navy on October 18, 2021. FCR-006 was issued to revise the strontium analytical method from EPA Method 905 to the Eichrom method to achieve lower DLCs and TPU, and to provide reliable and accurate results.

3.2.1 Strontium-90 Results

Following Navy approval of FCR-006, samples previously analyzed for Sr-90 using EPA Method 905 were reanalyzed for Sr-90 using the Eichrom method. A total of 950 samples were analyzed for Sr-90 using the Eichrom method from November 2021 to March 2022 (Table 2). DLCs and TPUs were lower using this method compared to Sr-90 analysis using EPA Method 905. DLCs ranged from 0.0039 to 0.11 pCi/g, approximately 1 to 34 percent of the RG, and TPUs ranged from 0.046 to 0.12 pCi/g, approximately 14 to 37 percent of the RG (Table 3). Approximately 1.8 percent of the samples were above the MARSSIM and MARLAP guidance target ranges for DLC and TPU, reduced from over 99 percent with the EPA Method 905 for Sr-90 analysis (Table 3). Sr-90 detections above the RG were again observed in sample results; however, the detections were not consistent with previous Sr-90 results using EPA

Method 905. Of the 950 Sr-90 results, 66 samples had concentrations above the RG, with concentrations ranging from 0.331 to 0.500 pCi/g (Table 2).

The Eichrom method Sr-90 detections above the RG did not correlate with results from previous Sr-90 or TBS analyses using EPA Method 905. Eichrom method Sr-90 analysis reported results above the Parcel G Sr-90 RG in TUs 98, 107, and 153, which previously had no results exceeding the Sr-90 RG using EPA Method 905. Eight samples from TU 77 (consisting of clean import fill from the previous SS/SD removal action project) reported Sr-90 results above the RG. Based on the inconsistencies, the Navy, Navy's contractor, and the laboratory initiated an investigation into potential interferences. A literature search produced several technical articles, including one by the EPA, which identified the potential for naturally occurring lead-210 (Pb-210) and its daughter Bi-210 to cause interference if the rinse solution or Y-ingrowth were not conducted properly (EPA 2014). After the laboratory investigated this possibility, it was determined Pb-210/Bi-210 interference was likely causing high bias in the Sr-90 analysis. The laboratory identified the Y-90 ingrowth step as the source for Pb-210/Bi-210 growing back into the Sr-90 fraction of the analysis. The presence of these beta emitters caused a high bias in the final Sr-90 GFPC results.

Although lower DLCs and TPUs were achieved using the Eichrom method for Sr-90, a high bias due to the presence of Pb-210/Bi-210 was observed. The 950 Sr-90 results analyzed using the Eichrom method are not usable for decision making purposes due to the interference.

The laboratory was able to demonstrate the interference by counting TBS from the same sample aliquot used for Sr-90 analysis. In the Eichrom method, TBS is eluted from the resin, separating the TBS sample fraction from Pb-210 in the sample prior to Y-90 ingrowth, and therefore eliminating the potential for interference when counting for TBS. Thirty-nine planchets were recounted for TBS. As shown in Table 6, no TBS was detected in samples previously reported with elevated Sr-90. If TBS is not detected in the sample, then isotopic Sr-90 cannot be present. Therefore, isotopic Sr-90 detected in the sample must be from interference. Because the Pb-210 interference was introduced in the Y-90 ingrowth step, a step that is not required for TBS analysis, the Pb-210/Bi-210 interference impacted the Sr-90 analysis only; TBS analysis by the Eichrom method does not have a high bias due to interferents. To address the high bias due to interferents in Sr-90 Eichrom method analysis, the laboratory revised the Eichrom method SOP to include an additional rinse step to remove Bi-210 that may be present. The laboratory issued SOP Revision 9 to include the additional step. The Pb-210/Bi-210 interference, Sr-90 and TBS results, and SOP Revision 9 were

presented to the regulatory agencies in a meeting on March 17, 2022. The Navy also provided a status update to the regulatory agencies during the April 7, 2022, Base Closure Team meeting. Table 1 provides additional meetings and data requests details.

To address the challenges with analyzing isotopic Sr-90, FCR-007, reviewed by the regulatory agencies and approved by the Navy on June 10, 2022, was issued to revise the analysis protocol from Sr-90 to TBS. TBS results above the Parcel G Sr-90 RG trigger confirmation by isotopic Sr-90 analysis. This change was made because TBS includes beta-emitting strontium isotopes and the analysis requires fewer sample preparation steps, leading to lower DLC and TPUs, and eliminating potential interferents such as Pb-210/Bi-210. Eichrom method SOP Revision 9 was also included in FCR-007.

Due to the timing of Sr-90 analyses, Eichrom method SOP revisions, and the issuance of FCR-007, 49 samples were analyzed for Sr-90 using SOP Revision 9. These samples were already in process when FCR-007 was approved, which changed the protocol from Sr-90 analysis to TBS analysis. The results for these 49 samples are included in Table 2. The SOP Revision 9 Sr-90 results range from -0.0677 to 0.2210 pCi/g, below the Parcel G Sr-90 RG. These results do not have a high bias due to Pb-210/Bi-210; however, a high bias is still observed compared to the TBS results.

3.2.2 Total Beta Strontium Results

Following Navy approval of FCR-007, samples previously analyzed for Sr-90 using the Eichrom method (including the 49 samples analyzed using Eichrom method SOP Revision 9) were analyzed for TBS with the Eichrom method. A total of 1,017 samples were analyzed for TBS using the Eichrom method from March to July 2022. Due to the timing of various strontium analyses and changes in analytical procedures as samples were being analyzed, not all samples were analyzed for Sr-90 with the Eichrom method, which is why there are 1,017 TBS results and 999 Sr-90 results (950 Sr-90 samples with the original Eichrom method SOP and 49 Sr-90 samples with the Eichrom method SOP Revision 9). No additional soil samples were collected from the site; project samples were collected from September 28, 2020, through December 10, 2021.

Of the 1,017 samples analyzed for TBS with the Eichrom method, no samples exceeded the Parcel G Sr-90 RG (0.331 pCi/g). There were no positive TBS detections above the DLC in 894 of 1,017 samples analyzed. Low-level detections were reported in 123 samples, ranging from 0.0225 to 0.094 pCi/g, an order of magnitude below the RG. DLCs ranged from 0.0096 to 0.11 pCi/g, approximately 3 to 32 percent of the RG, and

TPUs ranged from 0.0091 to 0.091 pCi/g, approximately 3 to 28 percent of the RG (Table 3). One sample (0.098 percent) was above the MARSSIM and MARLAP guidance target range for DLC; no samples (0 percent) were above the MARSSIM and MARLAP guidance target range for TPU (Table 3). In addition to eliminating the possibility of interference from Pb-210 (and daughters), the TBS process provides lower TPUs and DLCs for sample results. The lower TPU/DLC allows for more confidence in decisions when comparing results at the RG.

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4.0 Validation Study for the Eichrom Method

Because of the challenges experienced with strontium analysis methods and the changes in analytical protocol captured in FCR-007, the regulatory agencies requested the Navy perform a study to confirm the accuracy of the Eichrom method. The regulatory agencies also requested the Navy perform a blind study of the Eichrom method as an additional quality assurance (QA)/QC) measure.

Based on these requests, the Navy performed the following studies:

- A MARLAP-style method validation study for TBS analysis using the Eichrom method
- A MARLAP-style method validation study for Sr-90 analysis using the Eichrom method
- A blind study using PE samples prepared by a third party (Eckert & Ziegler Analytics [EZA]) at concentrations unknown to the laboratory and to the Navy

The studies were based on the approach outlined in MARLAP Table 6.1. Sections 4.1 and 4.2 include summaries of the validation studies of TBS and Sr-90, respectively. Appendices B and C include the full reports and laboratory results. Section 4.3 includes a summary of the blind study. Appendix D includes the full report and laboratory results.

4.1 MARLAP-Style Method Validation Studies for the Eichrom Method

The objective of the method validation studies was to validate that the Eichrom method provides accurate results for analyzing soil samples with known Sr-90 concentrations below, at, and above the 0.331 pCi/g Parcel G Sr-90 RG.

In accordance with MARLAP protocols summarized in MARLAP Table 6.1, a Validation Level C study was selected because use of the Eichrom method on this project is considered a new application of a validated method (previously validated for a different project) due to different measurement quality objectives, including a lower RG. For each study, the laboratory analyzed five replicate samples at three levels (15 samples total), one set (five replicate samples) of a method blank (DI water), and one set (five replicate samples) of a matrix blank for a total of 25 samples. The acceptance criteria of this validation study are stipulated in MARLAP Table 6.1 and were reviewed with the regulatory agencies in two meetings held on June 23, 2022, and July 14, 2022. For

Validation Level C study, the acceptance criteria are that the measured values must be within either of the following:

- $\pm 2.9\mu_{MR}$ (absolute method uncertainty) of the known spiked values
- $\pm 2.9\varphi_{MR}$ (relative method uncertainty) of the known spiked values

4.1.1 Total Beta Strontium Method Validation Study Results

The laboratory analyzed five replicate method blank samples (DI water) to test for absolute bias. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test of the method blank results. The Student's t-test determined there is no absolute bias in the analytical method.

The laboratory analyzed five replicate matrix blank samples to test for relative bias. The matrix is Mixed Analyte Performance Evaluation Program (MAPEP) U.S. Department of Energy soil (MAPEP 38) with no measured Sr-90. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test of the matrix blank results. Results of the Student's t-test determined there is a relative bias in the matrix. Testing for relative bias provides information for reviewing project sample analytical results relative to the matrix used in the study and does not necessarily mean the project sample results will be biased. Attachment 1 to the report in Appendix B provides Z-scores for informational purposes. The absolute values of each matrix blank sample's Z-score is less than 3, meaning zero is bounded, and suggests that the Sr-90 content in the matrix blank (MAPEP 38 soil) is minimal, if present.

The laboratory analyzed five replicate samples at three levels (15 samples total). Five replicate samples were spiked at 0.164 pCi/g; five samples were spiked at 0.331 pCi/g; and five replicate samples were spiked at 0.991 pCi/g. Appendix B includes analytical results. The five samples at each spike concentration passed the MARLAP acceptance criteria.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test for each concentration level to test for bias at each spike level to evaluate whether there is an "overall" method bias for the entire concentration range based on a false rejection rate. Results of the Student's t-test indicate there is no relative bias at Spike Level 1 (0.164 pCi/g) and Spike Level 2 (0.331 pCi/g), and there is a relative bias at Spike Level 3 (0.991 pCi/g). While there is slight low bias at the 0.991 pCi/g activity level, there is no significant bias seen at the action level. Thus, the project can have confidence that analyte activity seen in samples

above the action level is truly present. While relative bias exists at Spike Level 3, the bias did not impact the sample results as demonstrated by the sample results passing the MARLAP acceptance criterion.

The data indicate the Eichrom method for soil analysis of TBS with a 2.5-gram aliquot using SOP ST-RC-0058 meets MARLAP method validation requirements. The data demonstrate that the Eichrom method achieves project objectives for DLC, uncertainty, and bias over the range of activity potentially to be seen at Parcel G.

4.1.2 Strontium-90 Method Validation Study Results

The laboratory analyzed five replicate method blank samples (DI water) to test for absolute bias. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test of the method blank results. Results of the Student's t-test did not detect an absolute bias; however, while the Student's T value is just below the critical value (|T| = 2.7717, compared to a critical value of 2.776), the method does appear to exhibit a relatively significantly high bias relative to the project's low action limit of 0.331 pCi/g.

To account for the bias, the laboratory proposed a method blank population correction to the results as outlined in Section 1.5.2.1 of the *Quality Systems Manual for Environmental Laboratories* (U.S. Department of Defense 2021) and The NELAC Institute *2009 Laboratory Standards, Volume 1: Management and Technical Requirements for Laboratories Performing Environmental Analysis* (2009). Typically, a minimum of 20 method blanks are used to determine the average bias concentration. However, only five samples are available from this study, with a method blank average activity of 0.0845 pCi/g.

The laboratory analyzed five replicate matrix blank samples to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. The matrix blank results were corrected using method blank population correction. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test of the corrected matrix blank results. Results of the Student's t-test determined there is no relative bias in the matrix.

The laboratory analyzed five replicate samples at three levels (15 samples total). Five replicate samples were spiked at 0.164 pCi/g; five samples were spiked at 0.331 pCi/g; and five replicate samples were spiked at 0.991 pCi/g. Appendix C includes analytical results. With the exception of one replicate at Spike Level 2 (0.331 pCi/g), the five

samples at each spike concentration passed the MARLAP acceptance criteria when the method blank population correction is applied.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A, the laboratory performed a Student's t-test for each concentration level to test for bias at each spike level to evaluate whether there is an "overall" method bias for the entire concentration range based on a false rejection rate. Results of the Student's t-test indicate there is no relative bias at Spike Levels 1 and 2, and there is a relative bias at Spike Level 3 in the method blank population subtraction results. While relative bias exists, the bias did not impact the sample results as demonstrated by the sample results passing the MARLAP acceptance criterion.

The results indicate the Eichrom method for soil analysis of Sr-90 with a 2.5-gram aliquot meets MARLAP method validation requirements when the method blank population correction subtraction is applied. The laboratory report states there is a high bias at all three spike levels and the project shall determine if the high bias is acceptable.

Based on the method validation results for Sr-90 (Appendix C), Sr-90 analysis is not the recommended analytical protocol for evaluating Sr-90 in project soil for two key reasons:

- Sample results require a method blank population correction due to a high bias in the method.
- One sample replicate at Spike Level 2 failed the acceptance criteria; as Spike Level 2 is set at the Parcel G action level, it is critical for project decisions that reported results pass acceptance criteria at this concentration. The high bias is not acceptable for this project.

4.2 Blind Study Using Performance Evaluation Samples

In March 2023, the regulatory agencies (EPA, California Department of Toxic Substances Control, and California Department of Public Health [CDPH]) requested a blind study of the Eichrom method as an additional QA/QC measure. The objective of the blind study was to verify that the Eichrom method accurately measured low TBS concentrations through analysis of PE samples prepared by a third party (EZA) at concentrations unknown to the laboratory and to the Navy (i.e., a blind study).

FCR-008 (APTIM 2023) describes the PE sample blind study approach. The Navy procured five PE samples prepared by EZA, which were shipped directly to the laboratory. EZA prepared the PE samples at concentrations within the same order of magnitude as the Parcel G Sr-90 RG (0.331 pCi/g); however, the exact concentrations were unknown to both the analytical laboratory and the Navy until after analysis.

The laboratory analyzed the PE samples for TBS using the Eichrom method and the MARLAP-style Eichrom method validation study acceptance criterion (discussed in Section 4.1 of this technical memorandum) was applied to this blind PE sample study. All five PE samples passed the MARLAP acceptance criteria. Appendix D includes analytical results.

The data indicate the Eichrom method for soil analysis of TBS passes the MARLAP-style Eichrom method validation study acceptance criterion at concentrations within the same order of magnitude of the Parcel Sr-90 RG.

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5.0 Verification Study for EPA Method 905

The regulatory agencies requested the Navy perform method verification studies for TBS and Sr-90 using EPA Method 905. The objective of the studies was to verify that EPA Method 905 can accurately and precisely measure low concentrations of TBS and Sr-90 and provide low enough DLCs and TPUs for project decisions. FCR-008 (APTIM 2023) was prepared to outline the data quality objectives (DQOs) for the study. Similar to the MARLAP-style method validation studies performed for the Eichrom method (Section 4.1 of this technical memorandum), the Navy performed two verification studies:

- One study for TBS analysis using EPA Method 905
- One study for Sr-90 analysis using EPA Method 905.

The studies were performed in accordance with FCR-008 (APTIM 2023), which describes method verification protocols and approach. The studies performed using EPA Method 905 are referred to as verification studies, rather than validation studies, because the EPA Method 905 study approach was based on the MARLAP-style validation studies performed for the Eichrom study (Section 4.1; Appendices B and C), and also included additional DQOs developed with input from the regulatory agencies.

The Navy consulted with the regulatory agencies 1) in a meeting held on July 19, 2023 and 2) through regulatory agency review and comment resolution of FCR-008 (APTIM 2023), to discuss and establish the number of spike samples and spike concentrations, and to review acceptance criteria (also referred to as DQOs) which the sample results were compared to prior to beginning the verification study. In agreement with the Navy and regulatory agencies, the laboratory spiked samples at the two levels: 0.166 pCi/g (at approximately one half of the Sr-90 RG) and 0.331 pCi/g (at the Sr-90 RG).

The DQOs for these studies were established in FCR-008 and are as follows:

1. If one or more of the verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × 10 percent of known spiked concentration [μ_{MR}]), then the method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration.
2. If four or more of the method and/or matrix blank samples (n = 20 samples) have a positive (false) Sr-90 and/or TBS detection above the DLC, then the method is

deemed to not be accurate at this concentration range and the method fails the test.

3. The laboratory will calculate the TPU as defined by MARLAP and compare it to the Navy's required method uncertainty that was used in the MARLAP style Eichrom method validation study for TBS (μ_{MR}). The comparison of the calculated method uncertainty to the required method uncertainty will reveal if the method can be expected to reliably produce data that can be used to make decisions for this RG and decision rule. If the calculated method uncertainty is greater than the required method uncertainty used in the validation of the Eichrom method (10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test.
4. If the verification samples pass the criteria noted above, then the method passes the verification test and the results, along with other lines of evidence, will be evaluated in a verification study document to determine if EPA Method 905 is usable for measuring Sr-90 and/or TBS concentrations at or below the RG.

Per FCR-008 (APTIM 2023), the laboratory analyzed the following:

- 10 replicate verification samples at two levels (20 samples total)
- 10 replicate samples of a method blank (DI water; no measurable Sr-90)
- 10 replicate samples of a matrix blank for a total of 40 samples

The samples were analyzed for Sr-90 and TBS, for a total of 80 analyses. The spike matrix for the replicate verification samples was certified MAPEP 38 soil with no measured Sr-90, the same matrix used for the MARLAP-style Eichrom method validation study (Section 4.1 of this technical memorandum). The spiked verification samples were spiked with Sr-90 by the laboratory Technical Director, witnessed by the laboratory QA Manager, and were blind to the laboratory analyst. The verification studies are summarized in Sections 5.1 and 5.2; Appendix E includes the full report and laboratory results.

5.1 Total Beta Strontium Method Verification Study Results

The TBS method verification study results are summarized as follows and compared to the DQOs in each respective subsection.

5.1.1 Data Quality Objective 1—Verification Samples

The laboratory analyzed 10 replicate verification samples at two levels (20 samples total). Ten replicate verification samples were spiked at 0.166 pCi/g and 10 replicate verification samples were spiked at 0.331 pCi/g. Appendix E includes analytical results.

Of the 10 verification samples spiked at Spike Level 1 (0.166 pCi/g), one sample result failed to be within the acceptable concentration range (±3.0 x 10 percent of known spiked concentration [μ_{MR}]). Of the 10 verification samples spiked at Spike Level 2 (0.331 pCi/g), two sample results failed to be within the acceptable concentration range (±3.0 x μ_{MR}).

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test to test for bias at each concentration level. The Student's t-test was performed to evaluate whether there is an 'overall' method bias for the entire concentration range based on a false rejection rate. Results of the Student's t-test indicate there is no relative bias at Spike Levels 1 and 2.

Per FCR-008 DQO No. 1, if one or more verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × μ_{MR}), then method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration. Based on the three failures at two sample levels, EPA Method 905 fails the verification test for TBS analysis at this concentration range.

5.1.2 Data Quality Objective 2—Method and Matrix Blanks

The laboratory analyzed 10 replicate method blank samples (DI water; no measurable Sr-90) to test the method for absolute bias. Three of the 10 method blank sample results had TBS activity greater than the DLC, constituting three positive (false) results. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test of the method blank results. Results of the Student's t-test did not detect an absolute bias for the method.

The laboratory analyzed 10 replicate matrix blank samples to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. Six of the 10 matrix blank sample results exhibited TBS results greater than the DLC, constituting six positive (false) results. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test of the matrix blank results. Results of the Student's t-test determined there is a bias in the matrix with the Student's T above the critical value (|T| = 3.2673, compared to a critical value of 2.262).

Per FCR-008 DQO No. 2, if four or more or the method and/or matrix blank samples have a positive (false) TBS detection above the DLC, then the method is deemed to not be accurate at this concentration range and the method fails the verification test. Nine of the 20 method and matrix blank samples produced positive (false) results for TBS; therefore, EPA Method 905 fails the verification study for TBS analysis at this concentration range.

5.1.3 Data Quality Objective 3—Uncertainty

Per FCR-008 DQO No. 3, if the calculated method uncertainty (TPU) is greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR},10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test. The laboratory calculated the method uncertainty (TPU) as defined by MARLAP and compared it to the Navy's required method uncertainty (μ_{MR}) that was used in the MARLAP-style Eichrom method validation study for TBS (EPA et al. 2004). The calculated TPU is greater than the required method uncertainty for all 10 verification samples at Spike Level 2 (0.331 pCi/g). Therefore, EPA Method 905 fails the verification study for TBS analysis at this concentration.

5.1.4 Data Quality Objective 4—Verification Samples

Per FCR-008 DQO No. 4, if the verification samples pass the DQO No. 1, 2, and 3, then the method passes the verification test and the results. As summarized in Sections 5.1.1, 5.1.2, and 5.1.3, EPA Method 905 fails the verification study for TBS analysis at this concentration range.

5.1.5 Conclusions

The data indicate that EPA Method 905 fails the verification study for TBS analysis at this concentration range based on the following:

- One or more Spike Level 1 and 2 verification sample results outside the acceptable range
- Four or more false positive results in the 10 method blank samples and 10 matrix blank samples (20 samples total)

- The calculated TPU being greater than the required method uncertainty used in the validation of the Eichrom method (μMR; 10 percent of observed activity) for all Spike Level 2 samples

5.2 Strontium-90 Method Verification Study Results

The Sr-90 method verification study results are summarized as follows and compared to the DQOs in each respective subsection.

5.2.1 Data Quality Objective 1—Verification Samples

The laboratory analyzed 10 replicate verification samples at two levels (20 samples total). Ten replicate verification samples were spiked at 0.166 pCi/g and 10 replicate verification samples were spiked at 0.331 pCi/g. Appendix E includes analytical results.

Of the 10 verification samples spiked at Spike Level 1 (0.166 pCi/g), five sample results failed to be detected within the acceptable concentration range (±3.0 x μ_{MR}). Of the 10 verification samples spiked at Spike Level 2 (0.331 pCi/g), seven sample results failed to be detected within the acceptable concentration range (±3.0 x μ_{MR}).

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test to test for bias at each concentration level. The Student's t-test was performed to evaluate whether there is an 'overall' method bias for the entire concentration range based on a false rejection rate. Results of the Student's t-test indicate there is a relative bias at Spike Level 1 (0.166 pCi/g) and no relative bias at Spike Level 2 (0.331 pCi/g).

Per FCR-008 DQO No. 1, if one or more verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × μ_{MR}), then method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration. Based on the 12 failures at two sample levels, EPA Method 905 fails the verification test for Sr-90 analysis at this concentration range.

5.2.2 Data Quality Objective 2—Method and Matrix Blanks

The laboratory analyzed 10 replicate method blank samples (DI water; no measurable Sr-90) to test the method for absolute bias. Six of the 10 method blank sample results had Sr-90 activity greater than the DLC, constituting six false positive (fail) results. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test of the method blank results. Results

of the Student's t-test detected an absolute bias with the Student's T above the critical value (|T| = 3.4573, compared to a critical value of 2.262).

The laboratory analyzed 10 replicate matrix blank samples to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. Six of the 10 matrix blank sample results exhibited Sr-90 results greater than the DLC, constituting six positive (false) detections. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al. 2004), the laboratory performed a Student's t-test of the matrix blank results. Results of the t-test determined there is a bias in the matrix with the Student's T above the critical value (|T| = 2.4416, compared to a critical value of 2.262).

Per FCR-008 DQO No. 2, if four or more or the method and/or matrix blank samples have a positive (false) Sr-90 detection above the DLC, then the method is deemed to not be accurate at this concentration range and the method fails the verification test. Twelve of the 20 method and matrix blank samples produced positive (false) results for Sr-90; therefore, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range.

5.2.3 Data Quality Objective 3—Uncertainty

Per FCR-008 DQO No. 3, if the calculated method uncertainty (TPU) is greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR},10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test. The laboratory calculated the method uncertainty (TPU) as defined by MARLAP and compared it to the Navy's required method uncertainty (μ_{MR}) that was used in the MARLAP-style Eichrom method validation study for TBS (EPA et al. 2004). The calculated TPU is greater than the required method uncertainty for all 10 verification samples at Spike Level 2 (0.331 pCi/g). Therefore, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range.

5.2.4 Data Quality Objective 4—Verification Samples

Per FCR-008 DQO No. 4, if the verification samples pass the DQO Nos. 1, 2, and 3, then the method passes the verification test and the results. As summarized in Sections 5.2.1, 5.2.2, and 5.2.3, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range.

5.2.5 Conclusions

The data indicate that EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range based on the following:

- One or more Spike Level 1 and 2 verification sample results outside the acceptable range
- Four or more false positive results in the 10 method blank samples and 10 matrix blank samples (20 samples total)
- The calculated TPU being greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR}; 10 percent of observed activity) for all Spike Level 2 samples

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6.0 Summary and Conclusions

This section discusses the technical memorandum summary and conclusions.

6.1 Summary

EPA Method 905 is not appropriate for Sr-90 analysis for soil at HPNS due to the very low Sr-90 RG (0.331 pCi/g). Soil samples analyzed for Sr-90 using EPA Method 905 had higher-than-expected DLCs and TPUs, which may have contributed to false positives and non-reproducible results. Using EPA Method 905, 99.6 percent of the Sr-90 samples were above the MARSSIM and MARLAP guidance target range for DLC and 99.9 percent of the Sr-90 samples were above the MARSSIM and MARLAP guidance target range for TPU. Sr-90 results analyzed using EPA Method 905 reported potential RG exceedances in samples not expected to contain Sr-90, including samples collected from trenches backfilled entirely with clean, sampled material imported from an off-site source. Potential Sr-90 exceedances were also detected in laboratory QC samples. EPA Method 905 Sr-90 results exceeding the Sr-90 RG were not confirmed by analyzing additional aliquots collected from the same sample or by recounting the sample planchet.

Project samples were reanalyzed for Sr-90 using the Eichrom method. While the Eichrom method did achieve lower DLCs and TPUs, a Pb-210/Bi-210 interference was discovered leading to a high bias in the reported results. The interference is introduced in the Y-90 ingrowth step, a step that is not required for TBS analysis. The Pb-210/Bi-210 interference impacted the Sr-90 analysis only; TBS analysis by Eichrom does not have a high bias due to interference. The Eichrom method SOP was revised to address the Pb-210/Bi-210 interference; however, a high bias is still observed when the Sr-90 results are compared to the TBS results.

Project samples were reanalyzed for TBS using the Eichrom method. With the exception of one sample (0.098 percent of samples), all the samples were within the MARSSIM and MARLAP guidance target ranges for DLC and TPU (Table 3). Of the 1,017 samples analyzed for TBS with the Eichrom method, no samples exceeded the Sr-90 RG (0.331 pCi/g).

The Navy performed the following studies to confirm the accuracy of the Eichrom method:

- A MARLAP-style method validation study for TBS analysis
- A MARLAP-style method validation study for Sr-90 analysis
- A blind study for TBS analysis using PE samples prepared by a third party (EZA) at concentrations unknown to the laboratory and to the Navy

The Eichrom method was successfully validated for TBS analysis (Section 4.1.1 of this technical memorandum, Appendix B). The Eichrom method was also validated for Sr-90 analysis, but only when a method blank population correction is applied to the sample results (Section 4.1.2 of this technical memorandum, Appendix C). All five PE samples passed the acceptance criteria for the blind study for TBS analysis using the Eichrom method. Based on the method validation and blind studies, Sr-90 analysis using the Eichrom method is not the recommended analytical protocol for evaluating Sr-90 in project soil for two key reasons:

- Sr-90 sample results require a method blank population correction due to a high bias in the method.
- One Sr-90 sample replicate at Spike Level 2 failed the acceptance criteria; as Spike Level 2 is set at the Parcel G RG, it is critical for project decisions that reported results pass acceptance criteria at this concentration; the high bias is not acceptable for this project.

Because Sr-90 analysis is more complex than TBS analysis, it requires several additional chemical preparation steps in the laboratory; and the results require a method blank population subtraction, adding additional method blank sample analysis and data processing. TBS analysis using the Eichrom method includes isotopic Sr-90, is a simpler process in the laboratory, and was validated for all replicates at all concentrations with no additional corrections; TBS analysis using the Eichrom method is therefore the recommended analytical protocol and is consistent with the protocol outlined in FCR-007.

The Navy performed two method verification studies, both using EPA Method 905:

- One study for TBS analysis
- One study for Sr-90 analysis

The data indicate that EPA Method 905 fails the verification studies for both Sr-90 and TBS analyses at this concentration level because the method failed the agreed upon acceptance criteria outlined in FCR-008 (APTIM 2023).

6.2 Conclusions

At HPNS, the Navy will analyze project samples for TBS by Eichrom method (or equivalent extraction method) and compare the TBS result to the Parcel G Sr-90 RG for project decisions. The rationale for evaluating TBS is based on the following:

- TBS analysis for soil samples is consistent with historical practices at HPNS.
- TBS includes additional potential beta-emitting strontium isotopes and is therefore more conservative than Sr-90. Sr-89 has a short half-life (50.5 days) and is not expected to be present in HPNS samples.
- There is precedent for using TBS results for isotopic Sr-90 results. As stated in the EPA guidance document (*Rapid Radiochemical Method for Total Radiostrontium (Sr-90) In Building Material for Environmental Remediation Following Radiological Incidents* [EPA 2014]), which is applicable to soil per Section 1.6, if Sr-89 can be excluded, TBS provides an isotopic Sr-90 result. Section 11.3.1.2 states: “If the presence of Sr-89 can be excluded, total radio-strontium will provide isotopic Sr-90 results and the STS [sample test source] may be counted after preparation (taking into account the appropriate increase in activity due to Y-90 ingrowth).”
- Even if Sr-89 was present, TBS is more conservative because it includes potential beta-emitting strontium isotopes (i.e., Sr-89, Sr-90). If TBS is below the RG, then Sr-90 must also be below the RG. This is not unlike the Safe Drinking Water Act allowance for the use of total alpha-emitting radium isotopes in the place of Ra-226 for compliance purposes.
- The achievable DLC and TPU for TBS will be lower (by as much as a factor of 2 or more) than for Sr-90 because the overall chemical yield, decay factor, and ingrowth factor for TBS can be higher than that for Sr-90 analysis. These factors are included in the laboratory calculations for DLC and TPU.
- TBS analysis by the Eichrom method was successfully validated at concentrations below, at, and above the Sr-90 RG (Section 4.0). The Navy is confident TBS analysis can accurately measure Sr-90 at low concentrations.

Results from project samples analyzed for Sr-90 and TBS using EPA Method 905 are not usable for project decisions due the following rationale:

- HPNS has a very low Sr-90 RG (0.331 pCi/g) requiring an accurate, precise and reproducible analytical method at that concentration range.
- Soil samples analyzed for Sr-90 by EPA Method 905 had higher-than-expected DLCs and TPUs, which may have contributed to false positives and non-reproducible results.
- EPA Method 905 failed the verification studies for TBS and Sr-90 at the HPNS Sr-90 RG concentration, demonstrating EPA Method 905 is not a reliable Sr-90 or TBS method at very low concentration ranges around the Sr-90 RG (0.331 pCi/g).

Results from project samples analyzed for Sr-90 by the Eichrom method are not usable for project decisions due to the following rationale:

- The 950 samples analyzed for Sr-90 using the original Eichrom SOP had a demonstrated interference causing a high bias; many of these results were rejected by the third-party data validator as shown on Table 2.
- The laboratory issued Eichrom SOP Revision 9 to address the interference; however, the results of the Sr-90 MARLAP-style method validation study show a consistent high bias in the results requiring a method blank population correction.

Results from project samples analyzed for TBS using the Eichrom method are usable for project decisions due to the following rationale:

- TBS is a conservative measurement of Sr-90 because it includes additional strontium radioisotopes in the reported strontium concentration.
- DLC and TPUs are relatively low and within the MARLAP guidance range.
- TBS analysis using the Eichrom method passed the MARLAP-style method validation study.
- TBS analysis using the Eichrom method passed the blind study using PE samples prepared by a third-party (EZA) at concentrations unknown to the laboratory and the Navy.

Table 7 provides the final project sample results for TBS by Eichrom method. A total of 1,017 soil samples were analyzed for TBS using the Eichrom method. None of the samples exceeded the Parcel G Sr-90 RG (0.331 pCi/g). There were no positive TBS detections above the DLC in 894 of 1,017 samples (88 percent) analyzed (i.e., TBS was not detected). A total of 123 samples exhibited TBS activity with concentrations ranging from 0.0225 to 0.0941 pCi/g, an order of magnitude below the Parcel G Sr-90 RG (0.331 pCi/g).

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TABLES

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Table 1: Project Timeline for Strontium Analyses

Date	Item
August 2020	APTIM mobilized to Parcel G on August 20, 2020.
September 2020	Began sampling soil on RSY pads using EPA Method 905 per the SAP.
January 2021	APTIM notified the Navy of a potential Sr-90 exceedance from TU 79 on January 4, 2021. Systematic Sample 001 (HPPG-ESU-TU079A-001) had a Sr-90 result of 0.334 pCi/g, slightly above the RG of 0.331 pCi/g. A second potential Sr-90 exceedance was later detected from TU 124. A project team meeting was held on January 5, 2021, with the Navy and Navy's contractors, APTIM and Jacobs, to discuss Sr-90 results and potential paths forward for data verification including analyzing for both Sr-90 and TBS, collecting and analyzing additional aliquots from the same sample jar, and verifying whether Sr-90 and TBS were analyzed from the same aliquot. The Navy provided direction on January 25, 2021, to analyze four additional aliquots (replicate samples) from the same sample jar and recounted potential Sr-90 exceedances to determine if the Sr-90 results were reproducible.
February 2021	APTIM received results from the laboratory for Sr-90 and TBS results from the additional four aliquots collected from TU 124 systematic sample 21 and submitted the results to the Navy RPM for review. Additional aliquot results were below the Sr-90 RG. On February 25, 2021, the Navy requested additional information on field sampling and laboratory preparatory SOPs. APTIM provided information regarding field procedures for sample collection and homogenization and laboratory procedures for drying and grinding samples.

Table 1: Project Timeline for Strontium Analyses

Date	Item
March 2021	On March 2, 2021, APTIM submitted the Sr-90 and TBS results from the additional four aliquots collected from TU 79 systematic sample 001 (Level 4 report) to the Navy RPM for review. Additional aliquot results were below the Sr-90 RG. The method blank (MB) for Sr-90 was detected at 0.3349 pCi/g, above the RG. The Sr-90 MB result, while above the RG, is within the 3-sigma limits (z-score is <3, the QSM limit), and within the 99% confidence interval. The MB Sr carrier recovery was also lower than the sample carrier recovery (53.1%, low but within the 40%-110% limits), which in conjunction with the good Y carrier recovery of 90.5% gave an overall recovery factor of 0.48. The smaller the fractional recovery, the larger the relative uncertainty in the MB result. Even with the noted anomalies, the batch MB met QSM acceptance limits. Associated project sample results for TBS and Sr-90 were non-detect, which means the detected MB result did not otherwise affect sample results. If Sr-90 was detected in the samples, the MB detection would have triggered reanalysis.
April 2021	APTIM provided information to the Navy RPM regarding uncertainty calculations and sample weights for Sr-90 analysis in an email.
May 2021	APTIM PM submitted revised laboratory reports for TU 79 and TU 124 for the original samples and additional aliquots to the Navy RPM. Revisions included clarifications in the case narratives.

Table 1: Project Timeline for Strontium Analyses

Date	Item
July 2021	APTIM prepared memoranda summarizing the potential Sr-90 exceedances at TUs 79 and 124 from March to July. Memoranda discuss results, which were not reproducible in the additional aliquots. Navy submitted memoranda to the regulatory agencies for review. On July 8, 2021, APTIM received an email from the Navy RPM requesting RSY pads associated with potential Sr-90 exceedances not be disturbed until agencies have time to review Sr-90 data summaries. On July 13, 2021, a project team meeting was held with the Navy, regulatory agencies, and APTIM to review the potential Sr-90 exceedances memoranda. During the meeting, Terry Han, CDPH, discussed Sr-90 detections in the MB and high sample uncertainties. He stated the uncertainties were four times higher than the background study results. APTIM received RPM question about Sr-90 results and applying sample uncertainties on July 14, 2021. APTIM provided a data table including the results and uncertainty ranges on July 15, 2021. APTIM continued to update the Navy regarding potential Sr-90 exceedances. On July 19, 2021, APTIM submitted summary of potential Sr-90 exceedances (analyzed by EPA Method 905) to the RPM. There were five potential exceedances at this time, including a laboratory duplicate sample (not a project sample). On July 22, 2021, APTIM received questions from the Navy Lead RPM regarding ingrowth periods and multipliers to account for exact ingrowth time. APTIM provided responses on July 28 and 29.
August 2021	Jacobs prepared a preliminary Sr-90 data evaluation technical memorandum. On August 13, 2021, CDPH submitted comments on the TU 79 and TU 124 memoranda the Navy. Responses explained the differences between the background study (GEL) laboratory method and the Parcel G (Eurofins-TestAmerica) laboratory methods for strontium analysis. A project team meeting was held on August 16, 2021, with the Navy, regulatory agencies, and APTIM to discuss responses to CDPH's comments and discuss Eurofins-TestAmerica Eichrom analytical method, which closely mimics the GEL method used for the background study. APTIM prepared draft FCR-006 to revise the strontium analytical method to the Eichrom method to achieve lower DLCs and uncertainties, and to provide reliable and accurate results. The draft FCR was submitted to the Navy for review on August 17, 2021.

Table 1: Project Timeline for Strontium Analyses

Date	Item
September 2021	The Navy submitted responses to CDPH comments on the TUs 79 and 124 memoranda (dated August 13, 2021) to the regulatory agencies on September 15, 2021. The Navy submitted FCR-006 to the regulatory agencies for review. The EPA and CDPH submitted comments to the Navy on FCR-006 on September 23, 2021. APTIM received Lead RPM request for information regarding total number of strontium analyses validated to date and total number of potential strontium exceedances validated to date on September 27, 2021; responded on September 27, 2021.
October 2021	APTIM submitted responses to agency comments on FCR-006 (comments received September 23, 2021) to the Navy RPM on October 11, 2021. The Navy received follow-up comments from CDPH on the responses to comments on the TUs 79/124 memoranda (comment responses submitted on September 15, 2021); APTIM provided responses to the Navy RPM on October 13, 2021. FCR-006, approved on October 18, 2021, was issued to revise the strontium analytical method to the Eichrom method to achieve lower DLCs and uncertainties, and to provide reliable and accurate results.
November 2021	The Navy awarded Modification 07 to APTIM on November 29, 2021 to include reanalysis of project samples for Sr-90 with Eichrom method per FCR-006; analysis commenced.
December 2021	APTIM submitted definitions of DLC and uncertainty to the Navy RPM on December 6, 2021. On December 20, 2021, APTIM submitted the updated potential Sr-90 exceedances table to the Navy RPM and Lead RPM with Eichrom results. There were four potential Sr-90 exceedances at this time using the new method (Eichrom). The planchets with exceedances were recounted and the recounts did not exceed the RG.
February 2022	APTIM and RASO reviewed scientific articles about possible Pb-210/Bi-210 interference in Eichrom. APTIM requested the laboratory investigate. Eurofins-TestAmerica investigated the possible Pb-210/Bi-210 in the Eichrom Sr-90 results and agreed this is the problem causing the high bias. The laboratory provided results proving the interference in a series of meetings held in March 2022. In response, the laboratory prepared a SOP modification to eliminate high bias going forward, and proposed using TBS (not Sr-90) as alternate to eliminate possible interference.

Table 1: Project Timeline for Strontium Analyses

Date	Item
March 2022	On March 10 and 16, 2022, the Navy, APTIM, and Eurofins-TestAmerica participated in meetings to present the results of Sr-90 analysis and Pb-210 interferences. On March 17, 2022, the Navy, APTIM, and Eurofins-TestAmerica participated in a meeting to present the results of Sr-90 analysis and Pb-210 interferences to the regulatory agencies. Agency attendees included: J. Eidelberg (EPA), T. Han (CDPH), W. Praskins (EPA), S. Singh (CDPH), Y. Ufuktepe (CDPH). Navy attendees included: L. Brandenburg, M. Liscio, D. Robinson, L. Roddy, P. Stoick. APTIM attendees included: L. Bercik, R. Condit, A. Mangel, R. Schul, M. Somerville. Eurofins-TA attendees included: R. Ridenhower, T. Romanko. APTIM drafted FCR-007 to revise the analytical protocol from Sr-90 to TBS to address the challenges with analyzing for isotopic Sr-90.
April 2022	The Navy presented a status update on Parcel G and Sr-90 analysis at the BCT meeting on April 7, 2022. The presentation provided background on the original EPA Method 905 analysis and results, the Eichrom method analysis and results, and the path forward analyzing samples for TBS using the Eichrom method. Regulatory agencies had several questions during the presentation. The Navy and APTIM prepared responses to agency questions from the April 7 BCT meeting. The final deliverable (including responses to agency comments, results for the 156 sample aliquots with Sr-90 and TBS data from the same planchet using EPA Method 905, and the laboratory's certificate of accreditation) was submitted to the Navy on May 4, 2022, and the Navy shared the information with the agencies on May 4, 2022. APTIM submitted Eichrom SOP Revision 9 to the Navy RPM on April 13, 2022, and the Navy shared the SOP with the agencies.
May 2022	In an email to the Navy RPM dated May 20, 2022, Terry Han, CDPH, requested that the Navy's contracted laboratory analyze an array of laboratory control samples at varying known concentrations from 0.15 to 1.0 pCi/g. The request included analyzing five duplicates at each concentration and also analyzing 30 project soil samples for TBS followed by Sr-90 using the Eichrom method.

Table 1: Project Timeline for Strontium Analyses

Date	Item
June 2022	After discussions with the laboratory, APTIM submitted a proposed plan to the Navy to perform a MARLAP-style method validation study for the Eichrom method on June 3, 2022. On June 10, 2022, FCR-007 was approved revising the analysis protocol from Sr-90 to TBS to address the challenges with analyzing for isotopic Sr-90. On June 15, 2022, the Navy Lead RPM responded to regulatory agency request for quality control sample test with proposal to perform a MARLAP-style method validation study for the Eichrom method. CDPH submitted questions regarding the method validation study to the Navy on June 21, 2022. APTIM provided responses the Navy Lead RPM, RPM, and RASO on June 22, 2022. A project team meeting was held on June 23, 2022, with the Navy, regulatory agencies, APTIM, and Eurofins-TestAmerica to discuss the MARLAP-style method validation study and respond to agency questions. Navy Attendees included: L. Brandenburg, Z. Edwards, G. Kahles, M. Liscio, B. Londquist, S. McCray, L. Roddy, P. Stoick. Agency Attendees included: J. Eidelberg, W. Praskins, Nina Bacey, T. Han, T. Shvareva-Piekarz. APTIM attendees included: L. Bercik, R. Condit, K. Hoch, R. Killpack, A. Mangel. Eurofins-TA attendees included: R. Ridenhower, T. Romanko. In email to the regulatory agencies dated June 23, 2022, the Navy Lead RPM stated the Navy is directing the contractor and laboratory to move forward with the validation study as outlined in MARLAP and with the approach and acceptance criteria outlined in the June 15, 2022 email. On June 24, 2022, CDPH requested Navy response to the request to analyze 30 project samples for TBS and Sr-90. APTIM submitted results for the 49 samples analyzed for both total beta and Sr-90 results analyzed from the same planchet to the Lead RPM, RPM, and RASO.
July 2022	A project team meeting was held on July 14, 2022, with the Navy, regulatory agencies, APTIM, and Eurofins-TestAmerica to review follow-up questions on the MARLAP-style method validation study and respond to agency questions. Navy Attendees included: L. Brandenburg, Z. Edwards, M. Liscio, D. Robinson, L. Roddy, P. Stoick. Agency Attendees included: W. Praskins, N. Bacey, T. Han, S. Singh, Y. Ufuktepe. APTIM attendees included: L. Bercik, R. Condit, K. Hoch, A. Mangel, M. Somerville. Eurofins-TestAmerica Attendees included: R. Ridenhower, T. Romanko.

Table 1: Project Timeline for Strontium Analyses

Date	Item
August 2022	The Navy awarded Modification 09 to APTIM to include TBS analysis for samples on August 18, 2022. APTIM provided revised TBS table with maximum/minimum concentrations per TU/SU to the Navy RPM on August 23, 2022. TBS results were discussed during the Navy and regulatory agency weekly call on August 24, 2022. CDPH provided questions before the call. APTIM provided written responses and discussion during the call. APTIM attendees included: L. Bercik, R. Condit, A. Mangel. Eurofins-TestAmerica Attendees included: R. Ridenhower, T. Romanko.
September 2022	Navy submitted the MARLAP Method Validation Study for TBS Analysis by Eurofins-TestAmerica SOP No. ST-RC-0058, “Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography” (Eichrom method) to the Navy on September 22, 2022.
October 2022	CDPH provided written questions on the MARLAP Method Validation Study to the Navy RPM on October 3, 2022. On October 5, 2022, the MARLAP method validation study results and pending FCR-007 Revision 1 were discussed during the Navy and regulatory agency weekly call. APTIM and APTIM’s subcontracted laboratory, Eurofins-TestAmerica, supported the Navy during the call to respond to questions. APTIM attendees: L. Bercik, R. Condit, A. Mangel, M. Somerville. Eurofins attendees: T. Romanko, R. Ridenhower APTIM prepared and submitted FCR-007 Revision 1 to Navy for review. The revision removes the confirmation step of analyzing a sample for Sr-90 if the TBS result exceeds the Sr-90 RG. APTIM submitted revised responses to CDPH questions (dated October 3) on the MARLAP TBS method validation study report to the Navy RPM. On October 13, 2022, APTIM submitted the MARLAP Method Validation Study for Sr-90 Analysis by Eurofins-TestAmerica SOP No. ST-RC-0058, “Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography” (Eichrom method) to the Navy.
November 2022	Due to ongoing challenges analyzing isotopic Sr-90, in November 2022, the Navy QAO approved FCR-007 Revision 1, which removed the requirement for isotopic Sr-90 analysis to confirm potential strontium exceedances. Per FCR-007 Revision 1, solely TBS results are used to make project decisions.
December 2022	The Navy submitted Draft Technical Memorandum to regulatory agencies for review.

Table 1: Project Timeline for Strontium Analyses

Date	Item
March 2023	The Navy and regulatory agencies held a meeting on March 1, 2023 to discuss agency comments on the technical memorandum. During this meeting, the regulatory agencies requested a verification study for the EPA Method 905 for Sr-90 and TBS, and a blind study for the Eichrom method using samples spiked by a third party.
July 2023	The Navy and regulatory agencies participated in a partnering meeting held at the EPA's San Francisco office on July 17, 2023. Parcel G strontium results, comments on the technical memorandum, and FCR-008 (method verification study for EPA Method 905) were discussed.
October 2023	The Navy finalized FCR-008.
November 2023	The Navy performed method verification study for Sr-90 and TBS using the EPA Method 905.
December 2023	The Navy performed Eichrom method blind study using PE samples prepared by a third party.
April 2024	The Navy submitted Draft Final Technical Memorandum to the regulatory agencies for review. The document included results from the method verification study for Sr-90 and TBS using the EPA Method 905 and the blind study for the Eichom Method using PE samples.

Notes:

%	percent
<	less than
APTIM	Aptim Federal Services, LLC
BCT	BRAC Cleanup Team
Bi-210	bismuth-210
CDPH	California Department of Public Health
DLC	decision level concentration
EPA	U.S. Environmental Protection Agency
FCR	field change request
GEL	GEL Laboratories LLC
Jacobs	Jacobs Engineering Group
MARLAP	*Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*
Navy	U.S. Department of the Navy
Pb-210	lead-210
pCi/g	picocurie per gram
PE	performance evaluation
QAO	Quality Assurance Officer
QSM	Quality System Manual
RASO	Radiological Affairs Support Office
RG	remedial goal
RPM	remedial project manager
RSY	radiological screening yard
SAP	sampling and analysis plan
SOP	standard operating procedure
Sr-90	strontium-90
SU	survey unit
TBS	total beta strontium
TU	trench unit

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Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021	0.2320 U	U	0.189	0.232	**Y**
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021	0.1920 U	U	0.169	0.192	**Y**
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021	0.2180 U	U	0.192	0.218	**Y**
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021	0.2570 U	U	0.199	0.257	**Y**
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021	0.2230 U	U	0.18	0.223	**Y**
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021	0.1650 U	UJ	0.177	0.165	**Y**
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021	0.3810		0.227	0.221	**Y**
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021	0.2390 U	UJ	0.263	0.239	**Y**
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021	0.2090 U	U	0.251	0.209	**Y**
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021	0.2370 U	U	0.278	0.237	**Y**
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021	0.2430 U	U	0.303	0.243	**Y**
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021	0.2420 U	U	0.218	0.242	Y
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021	0.2810 U	U	0.238	0.281	Y
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021	0.2200 U	U	0.194	0.22	Y
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021	0.1920 U	U	0.183	0.192	Y
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021	0.2440		0.207	0.21	Y
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021	0.3830 U	U	0.484	0.383	Y
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021	0.2620		0.335	0.252	Y
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021	0.2170 U	U	0.276	0.217	**Y**
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021	0.1870 U	UJ	0.205	0.187	**Y**
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021	0.2130 U	U	0.271	0.213	**Y**
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021	0.2510		0.238	0.173	**Y**
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021	0.2300 U	U	0.206	0.23	**Y**
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021	0.2510 U	U	0.21	0.251	**Y**
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021	0.2520 U	U	0.199	0.252	**Y**
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021	0.2780 U	U	0.254	0.278	**Y**
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021	0.2460 U	U	0.226	0.246	**Y**
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021	0.2560	J	0.213	0.217	**Y**
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020	0.1190 U	UJ	0.153	0.119	**Y**
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020	0.1430 U	U	0.176	0.143	**Y**
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020	0.1940		0.167	0.121	**Y**
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020	0.0994 U	U	0.118	0.0994	**Y**
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021					
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021	0.2200 U	U	0.202	0.22	**Y**
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021	0.3300	J	0.227	0.226	**Y**
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021	0.2350 U	UJ	0.176	0.235	**Y**
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021	0.2250 U	U	0.205	0.225	**Y**
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021	0.3490 U	U	0.29	0.349	**Y**
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021	0.1620 U	U	0.205	0.162	**Y**
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021	0.1480 U	U	0.19	0.148	**Y**
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021	0.2420 U	UJ	0.265	0.242	**Y**
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021	0.2050 U	U	0.232	0.205	**Y**
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021	0.2520 U	UJ	0.191	0.252	**Y**
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021					
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021	0.1090 U	U	0.134	0.109	**Y**
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021	0.1360 U	U	0.172	0.136	**Y**
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021	0.1410 U	UJ	0.173	0.141	**Y**
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021	0.4850	J	0.217	0.14	**Y**
HPPG-F-098-A	ESUTU069A011	N				6/28/2021	0.1950		0.17	0.12	**Y**
HPPG-F-098-B	ESUTU069A011	N				6/28/2021	0.1860		0.166	0.12	**Y**
HPPG-F-098-C	ESUTU069A011	N				6/28/2021	0.1200 U	U	0.149	0.12	**Y**
HPPG-F-098-D	ESUTU069A011	N				6/28/2021	0.2190		0.183	0.132	**Y**
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021	0.1200 U	U	0.14	0.12	**Y**
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021	0.2410		0.178	0.127	**Y**
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021	0.1380 U	U	0.182	0.138	**Y**
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021	0.1610 U	U	0.185	0.161	**Y**
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021	0.1460 U	U	0.17	0.146	**Y**
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021	0.1390 U	U	0.181	0.139	**Y**
HPPG-F-103-A	ESUTU069B01	N				6/30/2021	0.1960		0.192	0.139	**Y**
HPPG-F-103-B	ESUTU069B01	N				6/30/2021	0.1390		0.179	0.135	**Y**
HPPG-F-103-C	ESUTU069B01	N				6/30/2021	0.2180		0.228	0.17	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021	0.1700 U	U	0.195	0.17	**Y**
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021	0.1390 U	U	0.166	0.139	**Y**
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021	0.1670 U	U	0.215	0.167	**Y**
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021	0.1360		0.173	0.131	**Y**
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021	0.1560		0.151	0.11	**Y**
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021	0.1560 U	U	0.201	0.156	**Y**
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021	0.1640 U	U	0.205	0.164	**Y**
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021	0.2710	J	0.192	0.138	**Y**
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021	0.1260 U	U	0.162	0.126	**Y**
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021	0.1430 U	U	0.175	0.143	**Y**
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021	0.3380		0.21	0.146	**Y**
HPPG-F-106-A	ESUTU069C11	N				7/1/2021	0.2090 U	U	0.195	0.209	**Y**
HPPG-F-106-B	ESUTU069C11	N				7/1/2021	0.2570		0.197	0.199	**Y**
HPPG-F-106-C	ESUTU069C11	N				7/1/2021	0.2750 U	U	0.242	0.275	**Y**
HPPG-F-106-D	ESUTU069C11	N				7/1/2021	0.2440 U	U	0.227	0.244	**Y**
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021	0.1040 U	U	0.129	0.104	**Y**
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021	0.3650		0.246	0.176	**Y**
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021	0.2360		0.188	0.193	**Y**
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021	0.2180 U	U	0.198	0.218	**Y**
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021	0.2700 U	U	0.227	0.27	**Y**
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021	0.1870 U	U	0.177	0.187	**Y**
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021	0.7400		0.515	0.363	**Y**
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021	0.1660 U	U	0.152	0.166	**Y**
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021	0.2950 U	U	0.242	0.295	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021	0.3680 U	U	0.312	0.368	Y
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021	0.1920 U	U	0.163	0.192	Y
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021	0.2750 U	U	0.352	0.275	Y
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021	0.1180 U	U	0.153	0.118	Y
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021	0.1240 U	U	0.153	0.124	Y
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021	0.2170		0.176	0.127	Y
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021	0.1490 U	U	0.174	0.149	Y
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021	0.1310 U	U	0.166	0.131	Y
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021	0.1490 U	U	0.191	0.149	Y
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021	0.3190 U	U	0.369	0.319	Y
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021	0.3780 U	U	0.44	0.378	Y
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021	0.1450 U	U	0.173	0.145	Y

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021	0.1960		0.167	0.12	**Y**
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021	0.2450		0.218	0.162	**Y**
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021	0.1530		0.157	0.114	**Y**
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021	0.2080		0.186	0.137	**Y**
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021	0.3720		0.213	0.144	**Y**
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021	0.4270		0.228	0.217	**Y**
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021	0.8550		0.26	0.209	**Y**
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021	0.2160		0.175	0.178	**Y**
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021	0.2870		0.251	0.262	**Y**
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021	0.1500 U	U	0.187	0.15	**Y**
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021	0.1470 U	U	0.185	0.147	**Y**
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021	0.1550 U	U	0.179	0.155	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021	0.2650		0.174	0.12	**Y**
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021	0.1950		0.17	0.123	**Y**
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021	0.1370 U	U	0.169	0.137	**Y**
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021	0.2180		0.238	0.176	**Y**
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021	0.1560 U	U	0.189	0.156	**Y**
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021	0.1690 U	U	0.202	0.169	**Y**
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021	0.1520 U	U	0.198	0.152	**Y**
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021	0.1420 U	U	0.183	0.142	**Y**
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021	0.1440 U	U	0.179	0.144	**Y**
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021	0.1400 U	UJ	0.173	0.14	**Y**
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021	0.4760	J	0.29	0.2	**Y**
HPPG-F-096-A	ESUTU070B011	N				6/28/2021	0.1470		0.188	0.141	**Y**
HPPG-F-096-B	ESUTU070B011	N				6/28/2021	0.1160 U	U	0.147	0.116	**Y**
HPPG-F-096-C	ESUTU070B011	N				6/28/2021	0.1260 U	U	0.146	0.126	**Y**
HPPG-F-096-D	ESUTU070B011	N				6/28/2021	0.1440 U	U	0.164	0.144	**Y**
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021	0.1300 U	U	0.16	0.13	**Y**
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021	0.1460		0.184	0.139	**Y**
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021	0.4460 U	U	0.551	0.446	**Y**
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021	0.2860 U	U	0.341	0.286	**Y**
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021	0.1480 U	U	0.182	0.148	**Y**
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021	0.3210		0.186	0.125	**Y**
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021	0.2030		0.224	0.17	**Y**
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021	0.1310 U	U	0.163	0.131	**Y**
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021	0.1420 U	U	0.165	0.142	**Y**
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021	0.1550 U	UJ	0.159	0.155	**Y**
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021	0.1910 U	U	0.242	0.191	**Y**
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021	0.3220		0.241	0.172	**Y**
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021	0.1440 U	U	0.175	0.144	**Y**
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021	0.1770		0.196	0.148	**Y**
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021	0.1170 U	U	0.155	0.117	**Y**
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021	0.1140 U	U	0.147	0.114	**Y**
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021	0.2060		0.157	0.11	**Y**
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021	0.1400 U	U	0.175	0.14	**Y**
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021	0.2080		0.207	0.155	**Y**
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021	0.1590 U	U	0.201	0.159	**Y**
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021	0.1630 U	U	0.207	0.163	**Y**
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021	0.1300 U	U	0.168	0.13	**Y**
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021	0.1360 U	U	0.169	0.136	**Y**
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021	0.1290 U	U	0.157	0.129	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021	0.1570 U	U	0.2	0.157	**Y**
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021	0.4020		0.196	0.126	**Y**
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021	0.2340 U	U	0.217	0.234	**Y**
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021					
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021	0.2420		0.205	0.21	**Y**
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021	0.1920 U	U	0.182	0.192	**Y**
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021	0.1650 U	U	0.195	0.165	**Y**
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021	0.1610 U	U	0.196	0.161	**Y**
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023					
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020	0.1170 U	U	0.129	0.117	**Y**
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020	0.0952 U	U	0.116	0.0952	**Y**
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020	0.1540		0.15	0.11	**Y**
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020	0.1160 U	U	0.138	0.116	**Y**
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020	0.1310 U	U	0.151	0.131	**Y**
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020	0.2160		0.163	0.115	**Y**
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020	0.1230 U	U	0.151	0.123	**Y**
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020	0.1740		0.143	0.103	**Y**
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020	0.1170 U	U	0.141	0.117	**Y**
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021	0.3520		0.254	0.178	**Y**
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021	0.4320		0.25	0.24	**Y**
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021	0.3460		0.218	0.216	**Y**
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021					
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021	0.3330		0.179	0.168	**Y**
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021	0.1300 U	U	0.157	0.13	**Y**
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021	0.1440		0.173	0.131	**Y**
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021	0.3350		0.261	0.185	**Y**
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021	0.5310 U	UJ	0.468	0.531	**Y**
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021	0.3140		0.216	0.216	**Y**
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021	0.3180 U	U	0.293	0.318	**Y**
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021	0.2060 U	U	0.192	0.206	**Y**
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021	0.1370 U	U	0.164	0.137	**Y**
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021	0.1240 U	U	0.15	0.124	**Y**
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021	0.1240 U	U	0.151	0.124	**Y**
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021	0.1250 U	U	0.156	0.125	**Y**
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021	0.1620 U	U	0.205	0.162	**Y**
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021	0.1790 U	U	0.203	0.179	**Y**
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021	0.1890 U	U	0.23	0.189	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021	0.1750 U	U	0.225	0.175	Y
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021	0.3520		0.331	0.243	Y
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021	0.1750 U	U	0.216	0.175	Y
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021	0.1280 U	U	0.159	0.128	Y
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021	0.1350 U	U	0.157	0.135	Y
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021	0.3720 U	UJ	0.448	0.372	Y
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021	0.2550		0.241	0.179	Y
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021	0.2210		0.192	0.139	Y
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021	0.2220		0.185	0.134	Y
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021	0.2070		0.161	0.115	Y
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021	0.1300 U	U	0.167	0.13	Y

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021	0.1190 U	U	0.137	0.119	**Y**
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021	0.1340		0.141	0.104	**Y**
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021	0.1960		0.183	0.135	**Y**
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021	0.1370 U	U	0.165	0.137	**Y**
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021	0.1390 U	U	0.177	0.139	**Y**
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021	0.1390 U	U	0.18	0.139	**Y**
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021	0.1420 U	U	0.175	0.142	**Y**
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021	0.1140 U	U	0.122	0.114	**Y**
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021	0.1450		0.159	0.118	**Y**
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021	0.1300 U	U	0.169	0.13	**Y**
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021	0.1630 U	U	0.203	0.163	**Y**
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021	0.1890 U	U	0.221	0.189	**Y**
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021	0.3610 U	U	0.415	0.361	**Y**
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021	0.1450 U	U	0.185	0.145	**Y**
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021	0.2050		0.184	0.133	**Y**
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021	0.1370 U	U	0.16	0.137	Y
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021	0.1090 U	U	0.133	0.109	Y
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021	0.1470 U	U	0.182	0.147	Y
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021	0.2110	J	0.151	0.104	Y
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021	0.7850		0.196	0.0532	Y
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021	0.1480 U	U	0.121	0.148	Y
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021	0.1490 U	U	0.139	0.149	Y
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021	0.3170		0.195	0.13	Y
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021	0.3180	J	0.158	0.141	Y
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021	0.2210 U	U	0.265	0.221	Y
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021	0.4960		0.21	0.131	Y
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021	0.2680 U	U	0.212	0.268	Y
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021	0.2410 U	U	0.189	0.241	Y
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021	0.2020 U	U	0.164	0.202	Y
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021	0.1990 U	U	0.172	0.199	Y
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021	0.1540 U	U	0.196	0.154	Y
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021	0.1790 U	U	0.213	0.179	Y
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021	0.3770		0.238	0.17	Y
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021	0.3370 U	U	0.269	0.337	Y
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021	0.5130		0.312	0.311	Y
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021	0.3000 U	U	0.271	0.3	Y
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021	0.3730 U	U	0.306	0.373	Y
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021	0.2140		0.182	0.133	Y
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021	0.1570 U	UJ	0.159	0.157	Y
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021	0.1830		0.169	0.123	Y
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021	0.2680		0.266	0.199	Y
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020	0.3340		0.186	0.127	**Y**
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020	0.1170 U	U	0.149	0.117	**Y**
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020	0.1240 U	U	0.149	0.124	**Y**
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020	0.1520 U	U	0.175	0.152	**Y**
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020	0.1410 U	U	0.179	0.141	**Y**
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020	0.1510		0.152	0.113	**Y**
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020	0.1110 U	U	0.144	0.111	**Y**
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020	0.1100 U	U	0.138	0.11	**Y**
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020	0.2210		0.155	0.109	**Y**
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020	0.1350 U	U	0.159	0.135	**Y**
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020	0.2070		0.239	0.181	**Y**
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020	0.1170 U	U	0.144	0.117	**Y**
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021	0.1330	J	0.175	0.133	**Y**
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021	0.1310 U	U	0.172	0.131	**Y**
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021	0.1240 U	U	0.152	0.124	**Y**
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021	0.1340 U	U	0.175	0.134	**Y**
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021	0.1470 U	U	0.19	0.147	**Y**
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021	0.2340		0.168	0.12	**Y**
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021	0.3600		0.215	0.15	**Y**
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021	0.3070 U	U	0.272	0.307	**Y**
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021	0.2020 U	U	0.17	0.202	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021	0.2540 U	U	0.216	0.254	**Y**
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021	0.2620 U	U	0.214	0.262	**Y**
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021	0.1420 U	U	0.182	0.142	**Y**
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021	0.1540	J	0.187	0.143	**Y**
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021	0.1350 U	U	0.176	0.135	**Y**
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021	0.1470 U	UJ	0.162	0.147	**Y**
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021	0.2410	J	0.213	0.156	**Y**
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021	0.1420 U	U	0.186	0.142	**Y**
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021	0.1620 U		0.204	0.162	**Y**
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021	0.1920		0.195	0.146	**Y**
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021	0.1600 U	U	0.194	0.16	**Y**
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021	0.5080	J	0.246	0.165	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021	0.1400 U	UJ	0.141	0.14	**Y**
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021	0.1540 U		0.181	0.154	**Y**
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021	0.1770 U		0.212	0.177	**Y**
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021	0.1560 U		0.201	0.156	**Y**
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021	0.2220	J	0.168	0.119	**Y**
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021	0.1760	J	0.161	0.116	**Y**
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021	0.1720 U	UJ	0.204	0.172	**Y**
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021	0.6040	J	0.217	0.128	**Y**
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021	0.1560 U		0.191	0.156	**Y**
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021	0.1450 U		0.184	0.145	**Y**
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021	0.1300 U		0.162	0.13	**Y**
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021	0.1480 U		0.192	0.148	**Y**
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021	0.1660 U		0.202	0.166	Y
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021	0.1850 U	U	0.241	0.185	Y
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021	0.1760 U	U	0.226	0.176	Y
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021	0.1260 U	UJ	0.143	0.126	Y
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021	0.2230	J	0.182	0.131	Y
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021	0.1260 U	UJ	0.162	0.126	Y
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021	0.1330 U	UJ	0.171	0.133	Y
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021	0.1330 U	UJ	0.164	0.133	Y
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021	0.3920	J	0.277	0.199	Y
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021	0.5180		0.22	0.197	Y
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021	0.1810		0.172	0.178	Y
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021	0.1960 U	U	0.154	0.196	Y

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021	0.2040 U	U	0.193	0.204	**Y**
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021	0.1470 U	U	0.187	0.147	**Y**
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021	0.1480 U	U	0.17	0.148	**Y**
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021	0.1590 U	U	0.186	0.159	**Y**
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021	0.1310 U	U	0.155	0.131	**Y**
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021	0.1290 U	U	0.168	0.129	**Y**
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021	0.1470 U	U	0.165	0.147	**Y**
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021	0.2090		0.174	0.125	**Y**
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021	0.1460 U	U	0.186	0.146	**Y**
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021	0.1610		0.21	0.16	**Y**
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021	0.4180		0.234	0.16	**Y**
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021	0.2620 U	U	0.24	0.262	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021	0.1990 U	U	0.165	0.199	**Y**
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021	0.2110 U	U	0.172	0.211	**Y**
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021	0.2400 U	U	0.222	0.24	**Y**
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021	0.2510	J	0.194	0.141	**Y**
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021	0.1840 U	U	0.221	0.184	**Y**
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021	0.1940	J	0.183	0.135	**Y**
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021	0.2030 U	U	0.177	0.203	**Y**
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021	0.2050 U	U	0.195	0.205	**Y**
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021	0.0791 U	U	0.0492	0.0791	**Y**
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021	0.1500		0.157	0.116	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021	0.1600		0.194	0.148	**Y**
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021	0.1800		0.189	0.141	**Y**
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021	0.2790		0.178	0.124	**Y**
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021	0.1330 U	U	0.159	0.133	**Y**
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021	0.2100 U	U	0.253	0.21	**Y**
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021	0.1190 U	U	0.143	0.119	**Y**
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021	0.3820	J	0.182	0.115	**Y**
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021	0.1150 U	U	0.151	0.115	**Y**
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021	0.2460		0.174	0.122	**Y**
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021	0.1250 U	U	0.15	0.125	**Y**
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021	0.1400 U	U	0.17	0.14	**Y**
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021	0.1330 U	U	0.164	0.133	**Y**
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021	0.2150	J	0.159	0.112	**Y**
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021	0.1180 U	U	0.137	0.118	**Y**
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021	0.1720	J	0.168	0.124	**Y**
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021	0.1220 U	U	0.159	0.122	**Y**
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021	0.3820	J	0.251	0.177	**Y**
HPPG-F-092-A	ESUTU095C011	N				6/22/2021	0.1520		0.187	0.141	**Y**
HPPG-F-092-B	ESUTU095C011	N				6/22/2021	0.1410 U	U	0.181	0.141	**Y**
HPPG-F-092-C	ESUTU095C011	N				6/22/2021	0.1440 U	U	0.165	0.144	**Y**
HPPG-F-092-D	ESUTU095C011	N				6/22/2021	0.1450 U	U	0.168	0.145	**Y**
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021	0.1530 U	U	0.183	0.153	**Y**
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021	0.2260		0.201	0.147	**Y**
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021	0.1310 U	U	0.154	0.131	**Y**
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020	0.0872 U	U	0.106	0.0872	**Y**
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020	0.1310 U	U	0.153	0.131	**Y**
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020	0.1400		0.153	0.115	**Y**
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020	0.1590		0.149	0.109	**Y**
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020	0.1070 U	U	0.138	0.107	**Y**
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021	0.1780		0.155	0.112	**Y**
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021	0.1410 U	U	0.183	0.141	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021	0.1580		0.177	0.134	**Y**
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021	0.1200 U	U	0.158	0.12	**Y**
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021	0.1360 U	U	0.173	0.136	**Y**
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021	0.1320 U	U	0.158	0.132	**Y**
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021	0.1400 U	U	0.164	0.14	**Y**
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021	0.1350 U	U	0.171	0.135	**Y**
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021	0.3500	J	0.193	0.133	**Y**
HPPG-F-089-A	ESUTU097C01	N				6/22/2021	0.1820		0.162	0.116	**Y**
HPPG-F-089-B	ESUTU097C01	N				6/22/2021	0.1610		0.186	0.14	**Y**
HPPG-F-089-C	ESUTU097C01	N				6/22/2021	0.1340 U	U	0.152	0.134	**Y**
HPPG-F-089-D	ESUTU097C01	N				6/22/2021	0.1380 U	U	0.158	0.138	**Y**
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021	0.1350 U	U	0.173	0.135	Y
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021	0.1240 U	U	0.154	0.124	Y
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021	0.1140 U	U	0.137	0.114	Y
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021	1.0200		0.251	0.128	Y
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021	0.1910 U	U	0.175	0.191	Y
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021	0.2170		0.191	0.198	Y
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021	0.3050		0.183	0.176	Y
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021	0.1860 U	U	0.174	0.186	Y
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021	0.2080		0.169	0.121	Y
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021	0.1440 U	U	0.185	0.144	Y
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020					
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020					
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020	0.1330 U	U	0.167	0.133	**Y**
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020	0.1340 U	U	0.16	0.134	**Y**
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020	0.1990		0.146	0.103	**Y**
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020	0.1210 U	U	0.145	0.121	**Y**
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020	0.1190 U	U	0.15	0.119	**Y**
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020	0.1090 U	U	0.134	0.109	**Y**
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020	0.1160 U	U	0.152	0.116	**Y**
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020	0.1260 U	UJ	0.137	0.126	**Y**
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020	0.1160 U	U	0.138	0.116	**Y**
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020	0.1040 U	U	0.133	0.104	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020	0.1320 U	U	0.169	0.132	**Y**
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020	0.0949 U	U	0.111	0.0949	**Y**
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020	0.1530		0.134	0.0954	**Y**
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020	0.1350 U	U	0.158	0.135	**Y**
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021	0.2480		0.19	0.136	**Y**
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021	0.1920		0.164	0.117	**Y**
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021	0.5410		0.209	0.125	**Y**
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021	0.1500 U	U	0.181	0.15	**Y**
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021	0.1460		0.17	0.127	**Y**
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021	0.3730 U	UJ	0.406	0.373	**Y**
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021	0.1430 U	U	0.18	0.143	**Y**
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021	0.2700		0.207	0.149	**Y**
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021	0.4380		0.216	0.143	**Y**
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021	0.1260 U	UJ	0.147	0.126	**Y**
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021	0.1510 U	U	0.17	0.151	**Y**
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021	0.2280		0.181	0.129	**Y**
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021	0.1590		0.169	0.125	**Y**
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021	0.2840		0.184	0.129	**Y**
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021	0.1280 U	U	0.159	0.128	**Y**
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021	0.1360 U	U	0.16	0.136	**Y**
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021	0.2720 U	U	0.253	0.272	**Y**
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021	0.9800		0.221	0.0762	**Y**
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021	0.1830 U	U	0.166	0.183	**Y**
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021	0.1820 U	U	0.164	0.182	**Y**
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021	0.2220 U	U	0.206	0.222	**Y**
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021	0.2060 U	U	0.182	0.206	**Y**
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021	0.1920 U	U	0.171	0.192	**Y**
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021	0.2590 U	U	0.223	0.259	**Y**
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021	0.6320		0.3	0.281	**Y**
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021	0.2120 U	U	0.171	0.212	**Y**
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021	0.2900 U	U	0.266	0.29	**Y**
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021	0.2160		0.223	0.166	**Y**
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021	0.1930 U	U	0.238	0.193	**Y**
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021	0.1880 U	U	0.243	0.188	**Y**
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021	0.2730 U	UJ	0.354	0.273	**Y**
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021	0.3250 U	UJ	0.43	0.325	**Y**
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021	0.1710		0.202	0.152	Y
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021	0.2210		0.172	0.12	Y
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021	0.1260 U	U	0.15	0.126	Y
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021	0.1300	J	0.167	0.125	Y
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021	0.6040 U	UJ	0.716	0.604	Y
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021	0.3230 U	UJ	0.397	0.323	Y
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021	0.2270 U	U	0.278	0.227	Y
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021	0.1980 U	U	0.24	0.198	**Y**
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021	0.1290 U	U	0.153	0.129	**Y**
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021	0.1460 U	U	0.17	0.146	**Y**
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021	0.1440 U	U	0.178	0.144	**Y**
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021	0.2190 U	U	0.206	0.219	**Y**
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021	0.2360 U	U	0.213	0.236	**Y**
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021	0.2110 U	U	0.186	0.211	**Y**
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020	0.1070 U	UJ	0.129	0.107	**Y**
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020	0.1070 U	UJ	0.136	0.107	**Y**
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020	0.2160	J	0.159	0.114	**Y**
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020	0.1820		0.136	0.0944	**Y**
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020	0.1170 U	U	0.151	0.117	**Y**
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020	0.2700		0.162	0.111	**Y**
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020	0.1140 U	U	0.141	0.114	**Y**
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020	0.1220 U	U	0.152	0.122	**Y**
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020	0.1170 U	U	0.142	0.117	**Y**
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020	0.1330 U	U	0.163	0.133	**Y**
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020	0.1390 U	U	0.182	0.139	**Y**
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020	0.1200 U	U	0.152	0.12	**Y**
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020	0.1370 U	U	0.157	0.137	**Y**
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020	0.1270 U	U	0.162	0.127	**Y**
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020	0.1190 U J	UJ	0.135	0.119	**Y**
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020	0.1640 J	J	0.147	0.107	**Y**
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020	0.1360 U J	UJ	0.142	0.136	**Y**
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020	0.1380 J	J	0.172	0.131	**Y**
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020	0.1040 U J	UJ	0.113	0.104	**Y**
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021	0.1460 U	U	0.188	0.146	**Y**
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021	0.1830 U	U	0.236	0.183	**Y**
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021	0.1860 U	U	0.227	0.186	**Y**
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021	0.1570 U	U	0.187	0.157	**Y**
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021	0.2480 U	U	0.325	0.248	**Y**
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021	0.2520 U	U	0.305	0.252	**Y**
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021	0.2480 U	UJ	0.277	0.248	**Y**
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021	0.1740 U	U	0.216	0.174	**Y**
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021	0.2410	J	0.24	0.181	**Y**
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021	0.1720 U	UJ	0.185	0.172	**Y**
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021	0.2950 U	U	0.333	0.295	**Y**
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021	0.4160 U	U	0.485	0.416	**Y**
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021	0.3140 U	U	0.391	0.314	**Y**
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021	0.2350 U	U	0.284	0.235	**Y**
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021	0.1730 U	U	0.21	0.173	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021	0.1890 U	U	0.216	0.189	**Y**
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021	0.1820 U	U	0.228	0.182	**Y**
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021	0.2270 U	U	0.213	0.227	**Y**
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021	0.2090 U	UJ	0.223	0.209	**Y**
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021	0.2090 U	U	0.271	0.209	**Y**
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021	0.2790		0.252	0.186	**Y**
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021	0.4400		0.26	0.179	**Y**
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021	0.4590 U	UJ	0.422	0.459	**Y**
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021	0.1870 U	U	0.15	0.187	**Y**
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021	0.1810 U	U	0.173	0.181	**Y**
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021	1.3300 U	UJ	1.16	1.33	**Y**
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021	0.1580 U	U	0.203	0.158	**Y**
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021	0.1500 U	U	0.187	0.15	**Y**
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021	0.1250 U	U	0.152	0.125	**Y**
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021	0.2080 U	U	0.26	0.208	**Y**
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021	0.1820 U	UJ	0.198	0.182	**Y**
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021	0.2190	J	0.223	0.165	**Y**
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021	0.1590 U	U	0.195	0.159	**Y**
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021	0.1500 U	U	0.185	0.15	**Y**
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021	0.1560 U	U	0.198	0.156	**Y**
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021	0.2190 U	U	0.263	0.219	**Y**
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021	0.1380 U	U	0.164	0.138	**Y**
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021	0.1830 U	U	0.224	0.183	**Y**
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021	0.1420 U	U	0.173	0.142	**Y**
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021	0.1740	J	0.222	0.168	**Y**
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021	0.1740 U	U	0.208	0.174	**Y**
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021	0.2300 U	U	0.202	0.23	**Y**
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021	0.2330 U	U	0.199	0.233	**Y**
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021	0.1950 U	U	0.158	0.195	**Y**
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021	0.1430 U	U	0.188	0.143	**Y**
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021	0.2810 U	U	0.237	0.281	**Y**
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021	0.2140		0.172	0.123	**Y**
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021	0.1470 U	U	0.174	0.147	**Y**
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021	0.1900 U	U	0.243	0.19	**Y**
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021	0.2920		0.187	0.129	**Y**
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021	0.1340 U	U	0.171	0.134	**Y**
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021	0.1220 U	U	0.138	0.122	**Y**
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021	0.1450 U	U	0.183	0.145	**Y**
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021	0.1670 U	U	0.203	0.167	**Y**
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021	0.2260 U	UJ	0.168	0.226	**Y**
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021	0.2030 U	U	0.177	0.203	**Y**
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021	0.2420 U	U	0.204	0.242	**Y**
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021	0.2100 U	U	0.191	0.21	**Y**
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021	0.2310 U	U	0.184	0.231	**Y**
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021	0.2010 U	U	0.178	0.201	**Y**
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021	0.2740 U	U	0.238	0.274	**Y**
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021	0.1990 U	U	0.181	0.199	**Y**
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021	0.2190 U	U	0.185	0.219	**Y**
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021	0.3070 U	U	0.257	0.307	**Y**
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021	0.2860 U	U	0.24	0.286	**Y**
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021	0.2490 U	U	0.212	0.249	**Y**
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021	0.2500 U	UJ	0.191	0.25	**Y**
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021	0.2060 U	U	0.17	0.206	**Y**
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021	0.2010 U	U	0.165	0.201	**Y**
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021	0.2420 U	U	0.197	0.242	**Y**
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021	0.2300 U	U	0.199	0.23	**Y**
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020	0.1190 U	U	0.148	0.119	**Y**
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020	0.1520 U	U	0.174	0.152	**Y**
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020	0.4510		0.2	0.13	**Y**
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020	0.1110 U	U	0.138	0.111	**Y**
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020	0.1340 U	U	0.161	0.134	**Y**
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020	0.1330 U	U	0.167	0.133	**Y**
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020	0.1640 U	U	0.181	0.164	**Y**
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020	0.1150 U	U	0.144	0.115	**Y**
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021	0.2680 U	U	0.255	0.268	**Y**
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021	0.2110 U	U	0.184	0.211	**Y**
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021	0.3220 U	U	0.283	0.322	**Y**
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021	0.2830 U	U	0.251	0.283	**Y**
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021	0.2400 U	U	0.211	0.24	**Y**
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021	0.2440 U	U	0.215	0.244	**Y**
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021	0.2100 U	U	0.19	0.21	**Y**
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020					
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020					
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020					
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020					
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021	0.2300		0.176	0.125	**Y**
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021	0.3050		0.184	0.126	**Y**
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021	0.1780		0.186	0.138	**Y**
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021	0.1320 U	U	0.17	0.132	**Y**
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021	0.3070		0.289	0.214	**Y**
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021	0.1830		0.168	0.121	**Y**
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021	0.2390		0.193	0.139	**Y**
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021	0.1470 U	U	0.185	0.147	**Y**
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021	0.1480 U		0.177	0.148	**Y**
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021	0.1670 U		0.205	0.167	**Y**
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021	0.1460 U		0.186	0.146	**Y**
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021	0.1340 U		0.163	0.134	**Y**
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021	0.1460 U		0.184	0.146	**Y**
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021	0.2500	J	0.202	0.148	**Y**
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021	0.1240 U	U	0.153	0.124	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021	0.1780 U	U	0.229	0.178	**Y**
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021	0.1510		0.146	0.106	**Y**
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021	0.1270 U	U	0.157	0.127	**Y**
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021	0.1140 U	U	0.127	0.114	**Y**
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021	0.1300 U	U	0.147	0.13	**Y**
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021	0.2070		0.178	0.128	**Y**
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021	0.1350		0.171	0.129	**Y**
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021	0.1560 U	U	0.177	0.156	**Y**
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021	0.1380 U	U	0.171	0.138	**Y**
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021	0.1400 U	U	0.184	0.14	**Y**
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021	0.1420 U	U	0.175	0.142	**Y**
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021	0.1520 U	U	0.192	0.152	**Y**
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021	0.1400 U	U	0.181	0.14	**Y**
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021	0.1300 U	U	0.17	0.13	**Y**
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021	0.1480 U		0.184	0.148	**Y**
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021	0.1830 U	U	0.224	0.183	**Y**
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021	0.1230 U	U	0.15	0.123	**Y**
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021	0.1430 U	U	0.168	0.143	**Y**
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021	0.1580 U	UJ	0.113	0.158	Y
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021	0.3950		0.215	0.141	Y
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021	0.2160 U	U	0.187	0.216	Y
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021	0.1860 U	U	0.16	0.186	Y
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021	0.1810 U	U	0.148	0.181	Y
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021	0.2430		0.173	0.171	Y
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021	0.1520 U	U	0.186	0.152	Y
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021	0.4090		0.44	0.326	Y
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021	0.4350	J	0.372	0.272	Y
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021	0.1550	J	0.195	0.147	Y
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021	0.1610 U	U	0.207	0.161	Y
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021	0.3890	J	0.229	0.157	Y
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021	0.2970 U		0.353	0.297	Y
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021	0.1700	J	0.15	0.107	Y
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021	0.1350 U	U	0.171	0.135	Y
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021	0.1250 U	U	0.154	0.125	**Y**
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021	0.1250 U	U	0.16	0.125	**Y**
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021	0.2300	J	0.195	0.142	**Y**
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021	0.1230 U	U	0.152	0.123	**Y**
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021	0.1140 U	U	0.151	0.114	**Y**
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021	0.1400 U	U	0.173	0.14	**Y**
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021	0.1500		0.167	0.125	**Y**
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021	0.1530 U	U	0.183	0.153	**Y**
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021	0.1360 U	UJ	0.169	0.136	**Y**
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021	0.1660 U	UJ	0.203	0.166	**Y**
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021	0.4610	J	0.206	0.134	**Y**
HPPG-F-127-A	SFUTU077B11	N				7/15/2021	0.7010		0.241	0.201	**Y**
HPPG-F-127-B	SFUTU077B11	N				7/15/2021	0.1720 U	U	0.146	0.172	**Y**
HPPG-F-127-C	SFUTU077B11	N				7/15/2021	0.5040		0.279	0.271	**Y**
HPPG-F-127-D	SFUTU077B11	N				7/15/2021	0.3400		0.22	0.215	**Y**
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021	0.3240	J	0.183	0.121	**Y**
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021	0.2870	J	0.185	0.125	**Y**
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021	0.2050	J	0.178	0.13	**Y**
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021	0.2300 U	U	0.259	0.23	**Y**
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021	0.6350		0.312	0.205	**Y**
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021	0.4000 U	U	0.343	0.4	**Y**
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021	0.3230 U	U	0.298	0.323	**Y**
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021	0.3410 U	U	0.291	0.341	**Y**
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021	0.2950 U	U	0.243	0.295	**Y**
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021	0.1830 U	U	0.22	0.183	**Y**
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021	0.2410		0.213	0.157	**Y**
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021	0.1620		0.19	0.143	**Y**
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021	0.1140 U	U	0.148	0.114	**Y**
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021	0.1730 U	U	0.205	0.173	**Y**
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021	0.1180 U	U	0.144	0.118	**Y**
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021	0.1720 U	U	0.214	0.172	**Y**
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021	0.1500 U	U	0.185	0.15	**Y**
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021	0.1910 U	U	0.232	0.191	**Y**
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021	0.1260 U	UJ	0.129	0.126	**Y**
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021	0.1190 U	U	0.144	0.119	**Y**
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021	0.1330 U	U	0.162	0.133	**Y**
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021	0.1430 U	UJ	0.168	0.143	**Y**
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021	0.3070	J	0.191	0.131	**Y**
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021	0.1300 U	UJ	0.149	0.13	**Y**
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021	0.1670 U	UJ	0.213	0.167	**Y**
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021	0.2730	J	0.189	0.132	**Y**
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021	0.1460 U	UJ	0.144	0.146	**Y**
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021	0.1120 U	U	0.147	0.112	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021	0.7850		0.234	0.132	Y
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021	0.2540 U	U	0.238	0.254	Y
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021	0.2870 U	U	0.27	0.287	Y
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021	0.2880 U	U	0.259	0.288	Y
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021	0.2500		0.223	0.232	Y
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021	0.1790		0.201	0.151	Y
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021	0.2220 U	U	0.267	0.222	Y
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021	0.1710 U	U	0.206	0.171	Y
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021	0.1580 U	U	0.187	0.158	Y
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021	0.1540 U	U	0.189	0.154	Y
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021	0.1220 U	U	0.152	0.122	Y
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021	0.2060 U	U	0.267	0.206	Y

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021	0.5260		0.258	0.169	Y
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021	0.3680 U	U	0.313	0.368	Y
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021	0.3040		0.271	0.285	Y
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021	0.2440 U	U	0.226	0.244	Y
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021	0.2800 U	U	0.237	0.28	Y
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021	0.2140		0.239	0.178	Y
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021	0.1460 U	U	0.181	0.146	Y
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021	0.2100 U	UJ	0.246	0.21	Y
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021	0.4210	J	0.236	0.163	Y
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021	0.2190 U	U	0.208	0.219	Y
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021	0.1830 U	U	0.172	0.183	Y
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021					
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021	0.2140 U	U	0.2	0.214	Y
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021	0.1300 U	U	0.172	0.13	Y
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021	0.1640 U	U	0.199	0.164	**Y**
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021	0.1590 U	U	0.194	0.159	**Y**
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021	0.1090 U	U	0.131	0.109	**Y**
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021	0.2250 U	U	0.205	0.225	**Y**
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021	0.3210		0.216	0.215	**Y**
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021	0.2370 U	U	0.196	0.237	**Y**
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021	0.2170 U	U	0.191	0.217	**Y**
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021	0.1970 U	U	0.173	0.197	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021	0.4390		0.22	0.208	**Y**
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021	0.1320 U	U	0.151	0.132	**Y**
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021	0.1610 U	U	0.204	0.161	**Y**
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021	0.2600 U	U	0.341	0.26	**Y**
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021	0.1370 U	U	0.173	0.137	**Y**
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021	0.1460		0.188	0.14	**Y**
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021	0.1640		0.174	0.13	**Y**
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021	0.2380 U	U	0.292	0.238	**Y**
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021	0.1250 U	U	0.155	0.125	**Y**
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021	0.1590		0.149	0.108	**Y**
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021	0.3100		0.175	0.119	**Y**
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021	0.1430 U	U	0.183	0.143	**Y**
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021	0.1230 U	U	0.139	0.123	**Y**
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021	0.1490		0.141	0.104	**Y**
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021	0.1910 U	U	0.238	0.191	Y
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021	0.1280 U	U	0.151	0.128	Y
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021	0.5690		0.281	0.185	Y
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021	0.1710 U		0.202	0.171	Y
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021	0.3750		0.216	0.147	Y
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021	0.1670 U		0.196	0.167	Y
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021	0.1810 U		0.224	0.181	Y
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021	0.1940		0.16	0.115	Y
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021	0.1970 U	U	0.241	0.197	Y
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021	0.3020	J	0.308	0.231	Y
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020					
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020					
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020	0.1250 U	UJ	0.141	0.125	**Y**
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020	0.1020 U	U	0.115	0.102	**Y**
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020	0.1060 U	U	0.131	0.106	**Y**
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020	0.2330		0.154	0.108	**Y**
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021	0.2600		0.175	0.122	**Y**
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021	0.1150 U	U	0.15	0.115	**Y**
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021	0.1520		0.157	0.117	**Y**
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021	0.1400 U	UJ	0.157	0.14	Y
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021	0.2910 U	U	0.346	0.291	Y
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021	0.4120		0.302	0.218	Y
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021	0.2660	J	0.232	0.168	Y
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021	-0.0785 U	J	0.315	0.265	Y
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021	0.1700 U	U	0.204	0.17	Y
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021	0.4110	J	0.246	0.166	Y
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021	0.1420 U	U	0.18	0.142	Y
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021	0.1810		0.154	0.109	Y
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021	0.1100 U	U	0.145	0.11	Y
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021	0.2090		0.195	0.145	**Y**
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021	0.1560 U	U	0.19	0.156	**Y**
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021	0.1160 U	U	0.15	0.116	**Y**
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021	0.1200 U	U	0.14	0.12	**Y**
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021	0.1170 U	U	0.148	0.117	**Y**
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021	0.1650		0.175	0.131	**Y**
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021	0.3790		0.192	0.172	**Y**
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021	0.3730		0.224	0.215	**Y**
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021	0.2640		0.186	0.184	**Y**
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021	0.2610 U	U	0.224	0.261	**Y**
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021	0.3120		0.226	0.222	**Y**
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021	0.2870 U	U	0.266	0.287	**Y**
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021	0.2750	J	0.221	0.16	**Y**
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021	0.2380	J	0.162	0.113	**Y**
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021	0.1270 U	U	0.16	0.127	**Y**
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021	0.1670	J	0.193	0.146	**Y**
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021	0.2680 U	U	0.343	0.268	**Y**
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021	0.1180 U	U	0.142	0.118	**Y**
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020	0.0976 U	U	0.116	0.0976	**Y**
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020	0.1750		0.167	0.124	**Y**
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020	0.1020 U	U	0.132	0.102	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020	0.1010 U	U	0.127	0.101	**Y**
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020	0.1510 U	U	0.185	0.151	**Y**
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020	0.0957 U J	UJ	0.115	0.0957	**Y**
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020	0.1170 U	UJ	0.141	0.117	**Y**
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020	0.1140 U	UJ	0.142	0.114	**Y**
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020	0.1170 U	U	0.139	0.117	**Y**
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021	0.2940 U	U	0.356	0.294	**Y**
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021					
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021	0.2230 U	U	0.279	0.223	**Y**
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021	0.1660 U	UJ	0.165	0.166	**Y**
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021	0.1510 U	U	0.195	0.151	**Y**
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021	0.2300 U	U	0.29	0.23	**Y**
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021	0.1480 U	U	0.172	0.148	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021	0.1560 U	U	0.199	0.156	**Y**
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021	0.1980 U	U	0.227	0.198	**Y**
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021	0.2460 U	U	0.213	0.246	**Y**
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021	0.2820 U	U	0.235	0.282	**Y**
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021	0.2460		0.221	0.231	**Y**
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021	0.2860		0.251	0.261	**Y**
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021	0.2800 U	U	0.245	0.28	**Y**
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021	0.2270 U	U	0.201	0.227	**Y**
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021	0.2400 U	U	0.219	0.24	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021	0.2920 U	U	0.268	0.292	**Y**
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021	0.2240 U	U	0.172	0.224	**Y**
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021	0.2710 U	U	0.249	0.271	**Y**
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021	0.4050 U	U	0.347	0.405	**Y**
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021	0.2910 U	U	0.265	0.291	**Y**
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021	0.1770		0.186	0.139	**Y**
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021	0.1960		0.196	0.147	**Y**
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021	0.2920		0.216	0.154	**Y**
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021	0.1430		0.165	0.123	**Y**
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021	0.1230 U	UJ	0.153	0.123	**Y**
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021	0.5210		0.346	0.244	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021	0.5400		0.329	0.229	**Y**
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021	0.1790 U	U	0.218	0.179	**Y**
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021	0.4110		0.373	0.275	**Y**
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021	0.3780		0.421	0.315	**Y**
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021	0.2690 U	U	0.227	0.269	**Y**
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021	0.2080 U	U	0.173	0.208	**Y**
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021	0.2070 U	U	0.173	0.207	**Y**
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021	0.2260 U	U	0.204	0.226	**Y**
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021	0.2710 U	U	0.247	0.271	**Y**
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021	0.1980 U	U	0.181	0.198	**Y**
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021	0.1450 U		0.183	0.145	**Y**
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021	0.1580 U		0.209	0.158	**Y**
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021	0.2580 U	U	0.231	0.258	**Y**
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021	0.3020		0.258	0.263	**Y**
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021	0.2180 U	U	0.204	0.218	**Y**
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021	0.4670 U	UJ	0.421	0.467	**Y**
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021	0.1100 U		0.139	0.11	**Y**
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021	0.2780		0.267	0.198	**Y**
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021	0.1280 U		0.156	0.128	**Y**
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021	0.2730		0.186	0.127	**Y**
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021	0.1340 U	U	0.153	0.134	**Y**
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021	0.1810		0.198	0.15	**Y**
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021	0.2680 U	U	0.248	0.268	**Y**
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021	0.2650		0.245	0.257	**Y**
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021	0.4390 U	U	0.375	0.439	Y
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021	0.2690 U	U	0.212	0.269	Y
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021	0.2500 U	U	0.233	0.25	Y
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021	0.2200 U	U	0.166	0.22	Y
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021	0.2570 U	U	0.224	0.257	Y
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020					
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020	0.0542 U	U	0.0703	0.0542	**Y**
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020	0.0467 U	U	0.0547	0.0467	**Y**
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020	0.0505 U	U	0.0623	0.0505	**Y**
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020	0.0477		0.0471	0.0341	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020	0.0539		0.0527	0.0384	**Y**
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020	0.0407 U	U	0.0496	0.0407	**Y**
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020	0.0445		0.0542	0.0409	**Y**
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020	0.0412 U	U	0.0512	0.0412	**Y**
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020					
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021					
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021					
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021					
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021					
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021					
HPPG-F-098-A	ESUTU069A011	N				6/28/2021	0.0512 U	U	0.0669	0.0512	**Y**
HPPG-F-098-B	ESUTU069A011	N				6/28/2021	0.1140		0.0732	0.0504	**Y**
HPPG-F-098-C	ESUTU069A011	N				6/28/2021	0.1210		0.0739	0.0504	**Y**
HPPG-F-098-D	ESUTU069A011	N				6/28/2021	0.0536 U	U	0.0664	0.0536	**Y**
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021					
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021					
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021					
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021					
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021					
HPPG-F-103-A	ESUTU069B01	N				6/30/2021	0.0836 U	U	0.0632	0.0836	**Y**
HPPG-F-103-B	ESUTU069B01	N				6/30/2021	0.0937		0.0821	0.0867	**Y**
HPPG-F-103-C	ESUTU069B01	N				6/30/2021	0.0729 U	U	0.0583	0.0729	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021	0.1730		0.0963	0.0957	**Y**
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021					
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021					
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021					
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021					
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021					
HPPG-F-106-A	ESUTU069C11	N				7/1/2021	0.0961		0.0709	0.0711	**Y**
HPPG-F-106-B	ESUTU069C11	N				7/1/2021	0.0986		0.0791	0.0811	**Y**
HPPG-F-106-C	ESUTU069C11	N				7/1/2021	0.0660 U	U	0.0542	0.066	**Y**
HPPG-F-106-D	ESUTU069C11	N				7/1/2021	0.0800 U	U	0.0731	0.08	**Y**
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021					
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021	0.0706 U	U	0.065	0.0706	**Y**
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021	0.1510		0.0913	0.0912	**Y**
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021	0.1560		0.111	0.114	**Y**
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021	0.0730 U	U	0.0668	0.073	**Y**
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021					
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021	0.1240		0.0675	0.0618	**Y**
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021	0.0786 U	U	0.0711	0.0786	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021	0.1300		0.0758	0.0737	**Y**
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021	0.1670		0.0768	0.0696	**Y**
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021					
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021					
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021					
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021					
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021					
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021					
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021	0.0813 U	UJ	0.052	0.0813	**Y**
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021	0.0897 U	U	0.0781	0.0897	**Y**
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021	0.0808		0.0734	0.0765	**Y**
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021	0.0972 U	U	0.0786	0.0972	**Y**
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021					
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021					
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021					
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021					
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021					
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021					
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021					
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021					
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021					
HPPG-F-096-A	ESUTU070B011	N				6/28/2021	0.0630 U	U	0.0726	0.063	**Y**
HPPG-F-096-B	ESUTU070B011	N				6/28/2021	0.0498 U	U	0.0611	0.0498	**Y**
HPPG-F-096-C	ESUTU070B011	N				6/28/2021	0.0429 U	U	0.052	0.0429	**Y**
HPPG-F-096-D	ESUTU070B011	N				6/28/2021	0.0510 U	U	0.0593	0.051	**Y**
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021					
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021					
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021					
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021					
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021					
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021					
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021					
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021					
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021					
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021					
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021					
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021					
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021					
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021					
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021					
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021					
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021	0.0646 U	U	0.0615	0.0646	**Y**
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021	0.0769 U	U	0.0657	0.0769	**Y**
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021	0.1070		0.0772	0.0777	**Y**
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021	0.1560		0.0822	0.0794	**Y**
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021					
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021					
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023					
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020					
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021	0.0813 U	U	0.0744	0.0813	**Y**
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021	0.0856 U	U	0.075	0.0856	**Y**
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021	0.1500 U	U	0.125	0.15	**Y**
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021	0.0792 U	U	0.0744	0.0792	**Y**
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021	0.1580 U	UJ	0.15	0.158	**Y**
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021	0.0834 U	U	0.0736	0.0834	**Y**
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021	0.1330 U	U	0.111	0.133	**Y**
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021	0.0903 U	U	0.0827	0.0903	**Y**
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021					
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021					
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021					
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021	0.0904 U	U	0.0846	0.0904	**Y**
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021	0.0831		0.0689	0.0699	**Y**
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021	0.1280		0.093	0.096	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021	0.1380		0.11	0.115	**Y**
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021	0.0694 U	U	0.0905	0.0694	**Y**
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021	0.0816		0.0708	0.0514	**Y**
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021	0.0928		0.0752	0.0546	**Y**
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021	0.1660	J	0.189	0.144	**Y**
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021					
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021					
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021					
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021					
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021					
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021					
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021					
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021					
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021					
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021					
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021					
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021					
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021					
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021					
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021	0.0866		0.0629	0.0647	**Y**
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021	0.1320		0.0759	0.0762	**Y**
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021	0.0656		0.0565	0.0589	**Y**
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021	0.0790		0.0592	0.0614	**Y**
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021					
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021	0.0657 U	U	0.0848	0.0657	**Y**
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021	0.0603 U	U	0.0741	0.0603	**Y**
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021	0.0873 U	U	0.0815	0.0873	**Y**
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021	0.0513 U	U	0.061	0.0513	**Y**
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021					
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021	0.0843 U	U	0.0717	0.0843	**Y**
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021	0.1250		0.0869	0.0889	**Y**
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021	0.0774 U	U	0.0737	0.0774	**Y**
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021	0.0943 U	U	0.0829	0.0943	**Y**
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020	0.0474 U	U	0.0598	0.0474	**Y**
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020	0.0525 U	U	0.0629	0.0525	**Y**
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020	0.0474 U	U	0.0573	0.0474	**Y**
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020	0.0439 U	U	0.049	0.0439	**Y**
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020					
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020					
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021					
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021					
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021	0.0855 U	U	0.0679	0.0855	**Y**
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021	0.0590 U	U	0.073	0.059	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021	0.0848 U	U	0.0696	0.0848	**Y**
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021	0.1030 U	U	0.0963	0.103	**Y**
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021					
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021					
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021					
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021					
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021					
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021					
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021	0.0547 U		0.0708	0.0547	**Y**
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021	0.0917		0.0865	0.0649	**Y**
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021	0.0625 U		0.0793	0.0625	**Y**
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021	0.1230		0.0765	0.0537	**Y**
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021					
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021	0.0690		0.0743	0.0559	**Y**
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021	0.0572 U		0.0734	0.0572	**Y**
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021	0.0548 U		0.0619	0.0548	**Y**
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021	0.0574		0.0645	0.0479	**Y**
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021					
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021					
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021					
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021					
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021					
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021					
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021	0.0783 U	U	0.067	0.0783	**Y**
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021	0.0683 U	U	0.0647	0.0683	**Y**
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021	0.0719 U	U	0.0619	0.0719	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021	0.0850 U	U	0.0791	0.085	**Y**
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021					
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021					
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021					
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021					
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021					
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021	0.0881		0.0761	0.0785	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021	0.0683 U	U	0.0637	0.0683	**Y**
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021	0.1400		0.0965	0.0959	**Y**
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021	0.1370		0.0802	0.0762	**Y**
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021					
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021					
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021					
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021	0.0539 U	U	0.0652	0.0539	**Y**
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021	0.1120		0.0759	0.0532	**Y**
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021	0.0525 U	U	0.0641	0.0525	**Y**
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021	0.0593 U	U	0.0747	0.0593	**Y**
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021					
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021					
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-F-092-A	ESUTU095C011	N				6/22/2021	0.0644 U	U	0.0769	0.0644	**Y**
HPPG-F-092-B	ESUTU095C011	N				6/22/2021	0.0500 U	U	0.0584	0.05	**Y**
HPPG-F-092-C	ESUTU095C011	N				6/22/2021	0.0476 U	U	0.0547	0.0476	**Y**
HPPG-F-092-D	ESUTU095C011	N				6/22/2021	0.1120		0.0744	0.0519	**Y**
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021					
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021					
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020					
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021					
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-F-089-A	ESUTU097C01	N				6/22/2021	0.0676		0.0719	0.0537	**Y**
HPPG-F-089-B	ESUTU097C01	N				6/22/2021	0.3680		0.0982	0.0517	**Y**
HPPG-F-089-C	ESUTU097C01	N				6/22/2021	0.2070		0.088	0.0565	**Y**
HPPG-F-089-D	ESUTU097C01	N				6/22/2021	0.1730		0.0911	0.062	**Y**
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021					
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021	0.0937		0.076	0.0789	**Y**
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021	0.0756 U	U	0.0667	0.0756	**Y**
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021	0.0760 U	U	0.0716	0.076	**Y**
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021	0.0769 U	U	0.0628	0.0769	**Y**
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020	0.0677 U	U	0.0783	0.0677	**Y**
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020	0.0574 U	U	0.0749	0.0574	**Y**
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020	0.0656 U	UJ	0.0696	0.0656	**Y**
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020	0.0734		0.0788	0.0588	**Y**
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020	0.0416 U	U	0.0544	0.0416	**Y**
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020	0.0480 U	U	0.0542	0.048	**Y**
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020	0.0499 U	U	0.0536	0.0499	**Y**
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020	0.0493 U	U	0.0615	0.0493	**Y**
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020	0.1020	J	0.0619	0.0419	**Y**
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020	0.0770		0.0689	0.0508	**Y**
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020	0.0524 U	U	0.0648	0.0524	**Y**
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020	0.0460 U	U	0.0575	0.046	**Y**
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020	0.0424 U	U	0.0553	0.0424	**Y**
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020	0.0516 U	UJ	0.0541	0.0516	**Y**
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020	0.0445 U	U	0.0531	0.0445	**Y**
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020	0.0527 U	U	0.0676	0.0527	**Y**
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020	0.0477 U	U	0.0601	0.0477	**Y**
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020					
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021	0.0563		0.072	0.0547	**Y**
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021	0.0665		0.0743	0.0559	**Y**
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021	0.1190 U	UJ	0.143	0.119	**Y**
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021	0.0569 U	U	0.0669	0.0569	**Y**
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021					
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021	0.0516 U	U	0.0637	0.0516	**Y**
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021	0.0855		0.0711	0.051	**Y**
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021	0.0493 U	U	0.0647	0.0493	**Y**
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021	0.0978		0.0802	0.0586	**Y**
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021					
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021					
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021					
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021					
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021					
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020					
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020					
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020					
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021					
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021	0.0873 U	U	0.0806	0.0873	**Y**
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021	0.1030 U	U	0.0942	0.103	**Y**
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021	0.1000 U	U	0.0859	0.1	**Y**
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021	0.2650		0.104	0.0935	**Y**
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021					
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020	0.0440 U	U	0.0452	0.044	**Y**
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020	0.0572 U	U	0.0729	0.0572	**Y**
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020	0.0517 U	U	0.0645	0.0517	**Y**
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020	0.0456 U	U	0.0579	0.0456	**Y**
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020	0.0470 U	UJ	0.0488	0.047	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020	0.0466 U	U	0.0577	0.0466	Y
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020	0.0469		0.0573	0.0429	Y
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020	0.0570 U	U	0.0662	0.057	Y
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020	0.0565		0.0616	0.0461	Y
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020	0.0472 U	UJ	0.0522	0.0472	Y
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020	0.0467 U	U	0.0599	0.0467	Y
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020	0.0428 U	U	0.0493	0.0428	Y
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020	0.0649	J	0.0594	0.0433	Y
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020	0.0495 U	U	0.0627	0.0495	Y
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020	0.0414		0.0523	0.0389	Y
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020	0.0457 U	U	0.0573	0.0457	Y
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020	0.0428 U	U	0.0531	0.0428	Y
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020	0.0465 U	U	0.0593	0.0465	Y
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020	0.0471 U	U	0.0594	0.0471	Y
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020	0.0857	J	0.0736	0.0545	Y
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020	0.0501 U	U	0.0644	0.0501	Y
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020	0.0481 U	U	0.055	0.0481	Y
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020	0.0896		0.0667	0.0473	Y
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020	0.0439 U	U	0.0507	0.0439	Y
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020	0.0480 U	U	0.0574	0.048	Y
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020	0.0467 U	U	0.0557	0.0467	Y
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020	0.0457	J	0.0561	0.0422	Y
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020	0.0519 U	U	0.0674	0.0519	Y
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020	0.0505	J	0.0637	0.0484	Y
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020	0.0507 U	U	0.0609	0.0507	Y
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020	0.0478 U	U	0.0561	0.0478	Y
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020	0.0591	J	0.0668	0.0502	Y
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020	0.0475 U	U	0.0548	0.0475	Y
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020	0.0501 U	U	0.0601	0.0501	**Y**
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020	0.0486 U	U	0.0586	0.0486	**Y**
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020	0.0677	J	0.0641	0.0474	**Y**
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020	0.0514 U	U	0.06	0.0514	**Y**
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020	0.0429 U	U	0.0562	0.0429	**Y**
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020	0.0619 U	U	0.0775	0.0619	**Y**
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020	0.0516 U	U	0.0637	0.0516	**Y**
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021					
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021					
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021					
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021					
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021					
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021					
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021					
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021					
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021					
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021					
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021	0.0761 U	U	0.0675	0.0761	**Y**
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021	0.0769 U	U	0.0669	0.0769	**Y**
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021	0.2000		0.0923	0.0886	**Y**
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021	0.0796 U	U	0.0724	0.0796	**Y**
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021					
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021					
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021	0.0972 U	U	0.0867	0.0972	**Y**
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021	0.0773 U	U	0.0716	0.0773	**Y**
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021	0.0770 U	U	0.0628	0.077	**Y**
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021	0.0840 U	U	0.0727	0.084	**Y**
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021					
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021					
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127-A	SFUTU077B11	N				7/15/2021	0.0925 U	U	0.0743	0.0925	**Y**
HPPG-F-127-B	SFUTU077B11	N				7/15/2021	0.1340 U	U	0.122	0.134	**Y**
HPPG-F-127-C	SFUTU077B11	N				7/15/2021	0.0941 U	UJ	0.0699	0.0941	**Y**
HPPG-F-127-D	SFUTU077B11	N				7/15/2021	0.0877 U	UJ	0.0531	0.0877	**Y**
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021					
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021					
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021					
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021	0.1190 U	U	0.0952	0.119	**Y**
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021	0.0944		0.0884	0.0922	**Y**
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021	0.1190 U	U	0.103	0.119	**Y**
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021	0.0953 U	U	0.0822	0.0953	**Y**
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021					
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021					
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021	0.0808 U	U	0.0759	0.0808	**Y**
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021	0.0760 U	U	0.0686	0.076	**Y**
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021	0.0987 U	U	0.0826	0.0987	**Y**
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021	0.0823 U	U	0.0768	0.0823	**Y**
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021					
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021					
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021	0.1050 U	U	0.0815	0.105	**Y**
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021	0.0834 U	U	0.0645	0.0834	**Y**
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021	0.0928 U	U	0.0836	0.0928	**Y**
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021	0.1230		0.0925	0.0953	**Y**
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021	0.0736 U	U	0.068	0.0736	**Y**
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021	0.0785 U	U	0.0659	0.0785	**Y**
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021	0.1140 U	U	0.0996	0.114	**Y**
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021	0.0885		0.0748	0.0765	**Y**
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021					
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021					
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021					
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021					
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021					
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021					
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021					
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021	0.0436 U		0.0549	0.0436	**Y**
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021	0.0718 U		0.0658	0.0718	**Y**
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021	0.0589 U		0.0721	0.0589	**Y**
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021	0.0506 U		0.0651	0.0506	**Y**
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021					
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020	0.0424 U	U	0.0516	0.0424	**Y**
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020	0.0505 U	U	0.0635	0.0505	**Y**
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020	0.0477 U	U	0.0563	0.0477	**Y**
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020	0.0508 U	UJ	0.0545	0.0508	**Y**
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020	0.0435 U	U	0.0489	0.0435	**Y**
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020	0.0435 U	U	0.0524	0.0435	**Y**
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020	0.0517		0.052	0.0382	**Y**
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020	0.0473 U	U	0.058	0.0473	**Y**
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020	0.0488 U	U	0.0576	0.0488	**Y**
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020					
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021					
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021					
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021					
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021	0.0749 U	U	0.0696	0.0749	**Y**
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021	0.0973 U	U	0.0879	0.0973	**Y**
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021	0.0822 U	U	0.0724	0.0822	**Y**
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021	0.0889 U	U	0.0737	0.0889	**Y**
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021					
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021					
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020					
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021					
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021					
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021					
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021					
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021					
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021					
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021					
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021	0.0861 U	U	0.0783	0.0861	**Y**
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021	0.1000 U	U	0.0862	0.1	**Y**
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021	0.0762 U	U	0.0701	0.0762	**Y**
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021	0.1250 U	UJ	0.107	0.125	**Y**
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021					
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021					
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021					
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020	0.0535 U	UJ	0.0593	0.0535	**Y**
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020	0.0790		0.0668	0.0488	**Y**
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020	0.0530 U	U	0.0679	0.053	**Y**
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							EPA Method 905 / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020	0.0487 U	U	0.0581	0.0487	**Y**
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020	0.0554 U	U	0.0642	0.0554	**Y**
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020	0.0488 U	U	0.0579	0.0488	**Y**
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020	0.0403 U	U	0.0512	0.0403	**Y**
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020	0.0463 U	U	0.0598	0.0463	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021	0.2840	R	0.0767	0.0554	**Y**
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021	0.2760	R	0.0749	0.0576	**Y**
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021	0.2760	R	0.0711	0.0523	**Y**
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021	0.2380	J+	0.074	0.0608	**Y**
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021	0.2130 J	J+	0.0837	0.0731	**Y**
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021	0.2270 J	J+	0.0771	0.0645	**Y**
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021	0.2690 J	R	0.0814	0.0661	**Y**
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021	0.2930 J	R	0.0871	0.067	**Y**
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021	0.2900	R	0.0811	0.0637	**Y**
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021	0.2170	J+	0.0751	0.0623	**Y**
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021	0.2210	J+	0.0859	0.0747	**Y**
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021	0.1990	J+	0.0792	0.0692	**Y**
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021	0.2150	J+	0.0787	0.0677	**Y**
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021	0.2350	J+	0.0754	0.0605	**Y**
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021	0.1580	J+	0.0569	0.0445	**Y**
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021	0.2450	J+	0.0837	0.0711	**Y**
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021	0.1480	J+	0.0591	0.0492	**Y**
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021	0.1930	J+	0.0711	0.0602	**Y**
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021	0.2270	J+	0.0722	0.0572	**Y**
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021	0.1720	J+	0.0656	0.0568	**Y**
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021	0.1940	J+	0.0617	0.0485	**Y**
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021	0.1750	J+	0.0708	0.0604	**Y**
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020	0.2340	J+	0.0771	0.0634	**Y**
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020	0.2060	J+	0.0706	0.0589	**Y**
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020	0.2230	J+	0.0658	0.0482	**Y**
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020	0.1500	J+	0.0677	0.0624	**Y**
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020	0.1760	J+	0.071	0.0629	**Y**
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020					
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021	0.1990	J+	0.0763	0.0691	**Y**
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021	0.1900	J+	0.0671	0.0582	**Y**
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021	0.2390	J+	0.0717	0.0579	**Y**
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021	0.2180	J+	0.0689	0.0558	**Y**
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021					
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021	0.1820	J+	0.0714	0.0619	**Y**
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021	0.1580 J	J+	0.0671	0.0622	**Y**
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021	0.1090 J	J+	0.0651	0.0639	**Y**
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021	0.2130 J	J+	0.078	0.069	**Y**
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021	0.1750 J	J+	0.0824	0.0795	**Y**
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021	0.0670	J+	0.0641	0.0666	**Y**
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021	0.0860	J+	0.0763	0.0794	**Y**
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021	0.0864 U	U	0.0771	0.0864	**Y**
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021	0.1820 J	J+	0.0696	0.0602	**Y**
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021	0.1590 J	J+	0.074	0.0694	**Y**
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021	0.1740 J	J+	0.0719	0.0641	**Y**
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021	0.1400 J	J+	0.0674	0.0627	**Y**
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021	0.1670	J+	0.0705	0.064	**Y**
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021	0.2340	J+	0.0844	0.0757	**Y**
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021	0.0758	J+	0.0556	0.0556	**Y**
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021	0.1850	J+	0.0872	0.0846	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021	0.2150	J+	0.0753	0.0632	**Y**
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021	0.2140	J+	0.0786	0.0685	**Y**
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021	0.2500	R	0.0819	0.0677	**Y**
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021	0.2050	J+	0.064	0.0351	**Y**
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021	0.0473 U	U	0.0582	0.0473	**Y**
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021	0.0695	J+	0.0512	0.0361	**Y**
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021	0.1310	J+	0.0575	0.0364	**Y**
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021	0.0978	J+	0.0611	0.0594	**Y**
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021	0.2750	R	0.0766	0.0566	**Y**
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021	0.2750	R	0.0801	0.0626	**Y**
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021	0.2180	J+	0.0783	0.0678	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021	0.2320	J+	0.0821	0.0694	**Y**
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021	0.1530	J+	0.0679	0.0595	**Y**
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021	0.1050	J+	0.0778	0.0791	**Y**
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021	0.0860	J+	0.0585	0.0582	**Y**
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021	0.0661	J+	0.061	0.0637	**Y**
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021	0.0925	J+	0.0608	0.0603	**Y**
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021	0.1320	J+	0.0692	0.0656	**Y**
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021	0.1700	J+	0.0644	0.0547	**Y**
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021	0.2050	J+	0.0713	0.0609	**Y**
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021	0.0714 U	U	0.0619	0.0714	**Y**
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021	0.0710 U	U	0.0673	0.071	**Y**
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021	0.1070	J+	0.0629	0.0604	**Y**
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021	0.1650	J+	0.0725	0.0659	**Y**
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021	0.0491 U	U	0.0459	0.0491	**Y**
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021	0.1690	J+	0.0752	0.0693	**Y**
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021	0.0606 U	U	0.0559	0.0606	**Y**
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021	0.0582 U	U	0.0522	0.0582	**Y**
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021	0.0904	J+	0.0592	0.0586	**Y**
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021	0.2000	J+	0.071	0.0604	**Y**
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021	0.1580 J	J+	0.0818	0.0563	**Y**
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021	0.2480 J	R	0.0893	0.0566	**Y**
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021	0.2440 J	J+	0.0811	0.0473	**Y**
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021	0.2260 J	J+	0.082	0.0502	**Y**
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021	0.2390	J+	0.0872	0.0748	**Y**
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021	0.1860	J+	0.0757	0.0634	**Y**
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021	0.2250	J+	0.0769	0.0652	**Y**
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021	0.1800	J+	0.0676	0.0585	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021	0.2510	J+	0.0723	0.054	**Y**
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021	0.1900	J+	0.0768	0.0705	**Y**
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021	0.2570	J+	0.0728	0.0548	**Y**
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021	0.1680	J+	0.0652	0.0572	**Y**
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021	0.1730	J+	0.0645	0.0547	**Y**
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021	0.2550	J+	0.0695	0.0507	**Y**
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021					
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021	0.1560	J+	0.0664	0.0602	**Y**
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021	0.2380	J+	0.0793	0.0679	**Y**
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021	0.2300	J+	0.0731	0.059	**Y**
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021	0.1310	J+	0.0605	0.0543	**Y**
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021	0.0893	J+	0.0555	0.0536	**Y**
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021	0.1370	J+	0.0599	0.053	**Y**
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021	0.1880	J+	0.0681	0.0576	**Y**
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021	0.1920	J+	0.0649	0.0502	**Y**
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021	0.0869	J+	0.0673	0.0693	**Y**
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021	0.1910	J+	0.0672	0.0551	**Y**
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021	0.1390	J+	0.0582	0.0517	**Y**
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021	0.1280	J+	0.0649	0.0611	**Y**
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021	0.0689 U	U	0.0605	0.0689	**Y**
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021	0.0869	J+	0.0583	0.058	**Y**
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021	0.1090	J+	0.0622	0.0607	**Y**
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021	0.0814	J+	0.0612	0.0631	**Y**
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021	0.0826	J+	0.0558	0.0551	**Y**
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021	0.1080	J+	0.0598	0.0571	**Y**
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021	0.0744 U	U	0.0684	0.0744	**Y**
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021	0.2630	R	0.0773	0.0621	**Y**
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021	0.1910	J+	0.0666	0.0563	**Y**
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021	0.1400	J+	0.0617	0.0561	**Y**
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021	0.2870	R	0.0763	0.0555	**Y**
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021	0.1230	J+	0.0547	0.0487	**Y**
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021	0.0802	J+	0.0527	0.0512	**Y**
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021	0.3150 J	R	0.0667	0.00391	**Y**
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021	0.0804 J	J+	0.0726	0.0753	**Y**
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021	0.2060 J	J+	0.0902	0.083	**Y**
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021	0.0853 J	J+	0.0756	0.0796	**Y**
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021	0.2480 J	R	0.121	0.112	**Y**
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021	0.1110 U J	U	0.101	0.111	**Y**
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021	0.0720 U J	U	0.0682	0.072	**Y**
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021	0.0722 U J	U	0.0677	0.0722	**Y**
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021	0.1660 J	J+	0.0854	0.0835	**Y**
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021	0.2010 J	J+	0.0975	0.0934	**Y**
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021	0.1490	J+	0.069	0.0649	**Y**
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021	0.0603	J+	0.0547	0.0566	**Y**
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021	0.2050	J+	0.0657	0.0516	**Y**
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021	0.1700	J+	0.0672	0.059	**Y**
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021	0.1170	J+	0.0746	0.0742	**Y**
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021	0.2150	J+	0.0726	0.0612	**Y**
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021	0.1280	J+	0.0604	0.0548	**Y**
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021	0.1900	J+	0.0682	0.0593	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021	0.0794	J+	0.0583	0.0585	**Y**
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021	0.0642 U	U	0.0558	0.0642	**Y**
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021	0.4090	R	0.0919	0.065	**Y**
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021	0.1400	J+	0.0688	0.0654	**Y**
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021	0.2810	R	0.0799	0.0627	**Y**
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021	0.1480	J+	0.0721	0.0699	**Y**
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021	0.2420	J+	0.0805	0.0685	**Y**
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021	0.2150	J+	0.077	0.0645	**Y**
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021	0.1830	J+	0.0725	0.0644	**Y**
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021	0.2350	J+	0.0722	0.0563	**Y**
HPPG-F-098-A	ESUTU069A011	N				6/28/2021	0.0680 U	UJ	0.0638	0.068	**Y**
HPPG-F-098-B	ESUTU069A011	N				6/28/2021	0.1810	J+	0.0665	0.0564	**Y**
HPPG-F-098-C	ESUTU069A011	N				6/28/2021	0.2070	J+	0.0698	0.0567	**Y**
HPPG-F-098-D	ESUTU069A011	N				6/28/2021	0.2560	R	0.0753	0.061	**Y**
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021	0.1820	J+	0.0804	0.0762	**Y**
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021					
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021	0.1930	J+	0.074	0.0627	**Y**
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021					
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021	0.1790	J+	0.0747	0.068	**Y**
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021	0.2020	J+	0.073	0.0624	**Y**
HPPG-F-103-A	ESUTU069B01	N				6/30/2021	0.1660	J+	0.0602	0.0503	**Y**
HPPG-F-103-B	ESUTU069B01	N				6/30/2021	0.2180	J+	0.0721	0.0604	**Y**
HPPG-F-103-C	ESUTU069B01	N				6/30/2021	0.1850	J+	0.0665	0.0557	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021	0.2250	J+	0.0708	0.0555	**Y**
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021	0.1910	J+	0.0839	0.0788	**Y**
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021	0.1350	J+	0.0747	0.0707	**Y**
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021					
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021	0.2140	J+	0.0786	0.0688	**Y**
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021	0.2460	J+	0.0765	0.06	**Y**
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021	0.1920	J+	0.0736	0.0661	**Y**
HPPG-F-106-A	ESUTU069C11	N				7/1/2021	0.1500	J+	0.0674	0.0599	**Y**
HPPG-F-106-B	ESUTU069C11	N				7/1/2021	0.1540	J+	0.0726	0.0679	**Y**
HPPG-F-106-C	ESUTU069C11	N				7/1/2021	0.2430	J+	0.0798	0.0659	**Y**
HPPG-F-106-D	ESUTU069C11	N				7/1/2021	0.2020	J+	0.071	0.058	**Y**
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021	0.2480	J+	0.0817	0.0656	**Y**
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021	0.1950	J+	0.0703	0.0669	**Y**
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021	0.2140	J+	0.0869	0.0801	**Y**
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021	0.1430	J+	0.0668	0.0611	**Y**
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021	0.2030	J+	0.0654	0.0519	**Y**
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021	0.1940	J+	0.057	0.0404	**Y**
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021	0.1220	J+	0.058	0.0537	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021	0.1600	J+	0.0622	0.0528	**Y**
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021	0.2340	J+	0.0652	0.0447	**Y**
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021	0.1570	J+	0.0629	0.0556	**Y**
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021	0.1660	J+	0.0697	0.0587	**Y**
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021	0.2250	J+	0.0783	0.0624	**Y**
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021	0.1820	J+	0.0762	0.0677	**Y**
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021					
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021	0.1560	J+	0.0709	0.065	**Y**
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021					
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021	0.1210	J+	0.0549	0.0486	**Y**
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021	0.1650	J+	0.0789	0.0809	**Y**
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021					
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021	0.2020	J+	0.0754	0.0654	**Y**
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021	0.1840	J+	0.0745	0.0653	**Y**
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021	0.1810	J+	0.0744	0.067	**Y**
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021					
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021	0.1420	J+	0.0972	0.0978	**Y**
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021	0.1910	J+	0.0729	0.0633	**Y**
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021	0.2210	J+	0.0719	0.0561	**Y**
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021	0.2450	J+	0.0746	0.0607	**Y**
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021	0.1850	J+	0.0764	0.0675	**Y**
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021	0.1900	J+	0.0688	0.0571	**Y**
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021	0.1920	J+	0.0696	0.0588	**Y**
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021	0.1160	J+	0.0675	0.0667	**Y**
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021	0.0996	J+	0.0659	0.0665	**Y**
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021	0.1270	J+	0.064	0.0592	**Y**
HPPG-F-096-A	ESUTU070B011	N				6/28/2021	0.1560	J+	0.0632	0.0555	**Y**
HPPG-F-096-B	ESUTU070B011	N				6/28/2021	0.1490	J+	0.0715	0.0681	**Y**
HPPG-F-096-C	ESUTU070B011	N				6/28/2021	0.1570	J+	0.0649	0.0588	**Y**
HPPG-F-096-D	ESUTU070B011	N				6/28/2021	0.1270	J+	0.0623	0.0582	**Y**
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021	0.1830	J+	0.0708	0.063	**Y**
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021	0.1970	J+	0.0677	0.0568	**Y**
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021	0.2530	J+	0.0777	0.0601	**Y**
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021					
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021	0.1750	J+	0.0682	0.0592	**Y**
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021	0.3260	R	0.0845	0.0637	**Y**
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021	0.2500	J+	0.0691	0.0514	**Y**
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021	0.1600	J+	0.0645	0.0553	**Y**
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021	0.1990	J+	0.0662	0.0545	**Y**
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021					
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021	0.2520	R	0.0858	0.0697	**Y**
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021	0.2770	R	0.0815	0.0607	**Y**
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021	0.1720	J+	0.0619	0.0522	**Y**
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021	0.2110	J+	0.0621	0.0469	**Y**
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021	0.2400	J+	0.0697	0.0539	**Y**
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021	0.2710	R	0.0761	0.0599	**Y**
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021	0.2640	R	0.0735	0.0543	**Y**
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021	0.2060	J+	0.0705	0.0579	**Y**
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021	0.1330	J+	0.0637	0.0602	**Y**
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021	0.3890	R	0.0861	0.0571	**Y**
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021	0.2390	J+	0.0748	0.0606	**Y**
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021	0.1470	J+	0.0594	0.0527	**Y**
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021	0.2740	R	0.0722	0.0514	**Y**
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021	0.1710	J+	0.0593	0.0462	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021	0.2390	J+	0.0803	0.0702	**Y**
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021	0.1250	J+	0.06	0.0561	**Y**
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021	0.1680	J+	0.0731	0.0671	**Y**
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021	0.1870	J+	0.0704	0.0605	**Y**
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021	0.1960	J+	0.0696	0.0587	**Y**
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021	0.2230	J+	0.0724	0.0603	**Y**
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021	0.1480	J+	0.0626	0.0541	**Y**
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021	0.1760	J+	0.0656	0.0541	**Y**
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023					
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020	0.2240	J+	0.0662	0.0526	**Y**
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020	0.2270	J+	0.0685	0.0536	**Y**
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020	0.2600	J+	0.0681	0.0492	**Y**
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020	0.2100	J+	0.0624	0.0459	**Y**
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020	0.1750	J+	0.0655	0.0577	**Y**
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020	0.1890	J+	0.0573	0.0422	**Y**
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020	0.2220	J+	0.0612	0.0427	**Y**
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021	0.2350	J+	0.0683	0.0496	**Y**
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021	0.1470	J+	0.0573	0.0355	**Y**
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021	0.2280		0.0694	0.0381	**Y**
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021	0.1480	J+	0.0598	0.0377	**Y**
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021	0.3040		0.0777	0.0387	**Y**
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021	0.1590	J+	0.0633	0.0553	**Y**
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021	0.1920	J+	0.0641	0.0542	**Y**
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021	0.1600	J+	0.0589	0.0474	**Y**
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021	0.2460	J+	0.0792	0.0653	**Y**
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021	0.1700	J+	0.0619	0.0528	**Y**
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021	0.2240	J+	0.0832	0.0737	**Y**
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021	0.1850	J+	0.077	0.069	**Y**
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021	0.1690	J+	0.0634	0.0555	**Y**
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021	0.2310	J+	0.0769	0.0642	**Y**
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021	0.1630	J+	0.0692	0.0606	**Y**
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021	0.1160	J+	0.0526	0.0475	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021	0.3120	R	0.0846	0.0644	**Y**
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021	0.2520	J+	0.0706	0.0553	**Y**
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021	0.1110	J+	0.0656	0.0648	**Y**
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021	0.1260	J+	0.0623	0.0583	**Y**
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021	0.0801	J+	0.0615	0.0628	**Y**
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021	0.1350	J+	0.0676	0.0653	**Y**
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021	0.2100	J+	0.061	0.0463	**Y**
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021	0.2200	J+	0.0673	0.0539	**Y**
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021	0.2070	J+	0.067	0.0542	**Y**
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021	0.2380	J+	0.069	0.0546	**Y**
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021	0.3060	R	0.0832	0.0659	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021	0.3830	R	0.0828	0.0527	**Y**
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021	0.2370	J+	0.0733	0.0603	**Y**
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021	0.2540	J+	0.0686	0.0511	**Y**
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021	0.1590	J+	0.0687	0.062	**Y**
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021	0.3550	R	0.0788	0.0528	**Y**
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021	0.1790	J+	0.0719	0.0622	**Y**
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021	0.2570	R	0.08	0.0643	**Y**
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021	0.3390	R	0.0894	0.0673	**Y**
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021	0.2110	J+	0.0721	0.0573	**Y**
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021	0.1350	J+	0.0697	0.0674	**Y**
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021	0.2000	J+	0.0726	0.0613	**Y**
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021	0.1960	J+	0.0793	0.0726	**Y**
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021	0.3060	R	0.084	0.06	**Y**
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021	0.2740	R	0.0841	0.0688	**Y**
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021	0.3700	R	0.0942	0.0684	**Y**
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021	0.1990	J+	0.0701	0.0583	**Y**
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021	0.2070	J+	0.0765	0.0645	**Y**
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021	0.1970	J+	0.0725	0.0611	**Y**
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021	0.2580	R	0.0788	0.0648	**Y**
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021	0.2310	J+	0.0848	0.0745	**Y**
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021	0.2260	J+	0.0729	0.0605	**Y**
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021					
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021	0.1320	J+	0.0776	0.0775	**Y**
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021	0.2180	J+	0.0782	0.0676	**Y**
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021	0.1360	J+	0.0702	0.0667	**Y**
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021	0.2890	R	0.0842	0.0637	**Y**
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021	0.2140	J+	0.0674	0.0526	**Y**
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021					
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021	0.2000	J+	0.069	0.0582	**Y**
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021	0.2130	J+	0.062	0.0443	**Y**
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021	0.2800	R	0.089	0.0763	**Y**
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021	0.1820	J+	0.0698	0.0602	**Y**
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021	0.1370	J+	0.0555	0.0492	**Y**
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021	0.1260	J+	0.0631	0.0604	**Y**
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020	0.2380	J+	0.064	0.0467	**Y**
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020					
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020	0.2380	J+	0.0624	0.0441	**Y**
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020	0.2450	J+	0.0616	0.0431	**Y**
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020	0.2490	J+	0.0715	0.0575	**Y**
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020	0.2040	J+	0.0624	0.048	**Y**
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020	0.1270	J+	0.0507	0.0419	**Y**
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020	0.1570	J+	0.0563	0.0477	**Y**
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020	0.1440	J+	0.0588	0.0523	**Y**
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020	0.1300	J+	0.0553	0.0492	**Y**
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020	0.2540	J+	0.0695	0.0505	**Y**
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021	0.1930	J+	0.0625	0.0515	**Y**
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021	0.1590	J+	0.0599	0.0515	**Y**
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021	0.2290	J+	0.0688	0.0562	**Y**
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021					
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021	0.1030	J+	0.0603	0.0574	**Y**
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021	0.1130	J+	0.0601	0.0577	**Y**
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021	0.1090	J+	0.0599	0.0579	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021	0.1610	J+	0.0633	0.055	**Y**
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021	0.0919	J+	0.0564	0.0552	**Y**
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021	0.1750	J+	0.0699	0.0606	**Y**
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021	0.2400	J+	0.0696	0.0512	**Y**
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021	0.1370	J+	0.0631	0.0586	**Y**
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021	0.1620	J+	0.0634	0.0548	**Y**
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021	0.2650	R	0.0732	0.0526	**Y**
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021	0.2530	R	0.09	0.0792	**Y**
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021	0.2120	J+	0.0729	0.061	**Y**
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021	0.0817	J+	0.052	0.0505	**Y**
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021	0.2510	J+	0.0762	0.0589	**Y**
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021	0.1770	J+	0.0641	0.0549	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021					
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021	0.1760	J+	0.0833	0.0795	**Y**
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021	0.1880	J+	0.0723	0.0633	**Y**
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021					
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021	0.1520	J+	0.0593	0.051	**Y**
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021	0.1760	J+	0.0731	0.0676	**Y**
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021	0.2200	J+	0.0681	0.0549	**Y**
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021	0.1570	J+	0.0678	0.0627	**Y**
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021	0.2170	J+	0.0793	0.0688	**Y**
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021	0.2150	J+	0.0835	0.0752	**Y**
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021	0.1650	J+	0.08	0.0776	**Y**
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021	0.2550	J+	0.076	0.0598	**Y**
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021	0.3520	R	0.0833	0.06	**Y**
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021	0.2250	J+	0.0815	0.0719	**Y**
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021	0.2020	J+	0.0736	0.0631	**Y**
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021	0.2810	R	0.0884	0.0727	**Y**
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021	0.2420	J+	0.0716	0.0561	**Y**
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021	0.1760	J+	0.0727	0.0664	**Y**
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021	0.1570	J+	0.0537	0.0446	**Y**
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021	0.2800	R	0.0756	0.0511	**Y**
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021	0.1940	J+	0.0627	0.0524	**Y**
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021	0.1330	J+	0.0692	0.0663	**Y**
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021	0.1330	J+	0.0637	0.0579	**Y**
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021	0.2820	R	0.0848	0.0676	**Y**
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021	0.2020	J+	0.0853	0.0793	**Y**
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021	0.1940	J+	0.0801	0.0728	**Y**
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021	0.3680	R	0.0943	0.071	**Y**
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021	0.2900	R	0.0874	0.0712	**Y**
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021	0.2620	R	0.0765	0.0599	**Y**
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021	0.1570	J+	0.0708	0.0657	**Y**
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021	0.1630	J+	0.0673	0.0623	**Y**
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021					
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021	0.1870	J+	0.0648	0.0545	**Y**
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021					
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021	0.0978	J+	0.0621	0.0613	**Y**
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021	0.1790	J+	0.0735	0.0655	**Y**
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021	0.2390	J+	0.0806	0.0695	**Y**
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021	0.1880	J+	0.0899	0.0609	**Y**
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021	0.1210	J+	0.0705	0.0489	**Y**
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021	0.2070	J+	0.0698	0.0418	**Y**
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021	0.2910	R	0.065	0.0243	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021	0.1970	J+	0.0714	0.0606	**Y**
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021	0.1320	J+	0.0601	0.0539	**Y**
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021	0.3580	R	0.0869	0.061	**Y**
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021	0.1920	J+	0.116	0.114	**Y**
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021	0.1840	J+	0.111	0.108	**Y**
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021	0.2850 J	R	0.0812	0.0444	**Y**
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021	0.2040 J	J+	0.0737	0.0452	**Y**
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021	0.2100	J+	0.0731	0.0602	**Y**
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021	0.2270	J+	0.0787	0.0666	**Y**
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021	0.2610	R	0.0884	0.0735	**Y**
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021	0.1370	J+	0.0675	0.0608	**Y**
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021	0.0529 U	U	0.0506	0.0529	**Y**
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021	0.2560	J+	0.0725	0.0524	**Y**
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021	0.1220	J+	0.069	0.0664	**Y**
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021	0.1270	J+	0.0599	0.0539	**Y**
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021	0.1730	J+	0.0731	0.0648	**Y**
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021	0.1460	J+	0.07	0.0662	**Y**
HPPG-F-092-A	ESUTU095C011	N				6/22/2021	0.1690	J+	0.0726	0.0667	**Y**
HPPG-F-092-B	ESUTU095C011	N				6/22/2021	0.1160	J+	0.0629	0.0605	**Y**
HPPG-F-092-C	ESUTU095C011	N				6/22/2021	0.1450	J+	0.0761	0.0748	**Y**
HPPG-F-092-D	ESUTU095C011	N				6/22/2021	0.1660	J+	0.0619	0.0522	**Y**
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021	0.1060	J+	0.061	0.0581	**Y**
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021	0.2410	J+	0.0769	0.063	**Y**
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021	0.2660	R	0.0678	0.0485	**Y**
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020	0.2540	J+	0.073	0.0554	**Y**
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020	0.2310	J+	0.0727	0.0593	**Y**
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020	0.1460	J+	0.0699	0.0649	**Y**
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020					
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021	0.1980	J+	0.0655	0.0516	**Y**
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021	0.3110	R	0.072	0.0464	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021	0.1840	J+	0.0673	0.0577	**Y**
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021	0.2260	J+	0.0707	0.0558	**Y**
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021	0.1770	J+	0.06	0.0482	**Y**
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021	0.2260	J+	0.0706	0.0574	**Y**
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021	0.2030	J+	0.074	0.0655	**Y**
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021	0.2840	R	0.0669	0.0432	**Y**
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021	0.2800 J	R	0.0805	0.0449	**Y**
HPPG-F-089-A	ESUTU097C01	N				6/22/2021	0.1260	J+	0.0665	0.062	**Y**
HPPG-F-089-B	ESUTU097C01	N				6/22/2021	0.2490	J+	0.0746	0.0568	**Y**
HPPG-F-089-C	ESUTU097C01	N				6/22/2021	0.3160	R	0.0876	0.0666	**Y**
HPPG-F-089-D	ESUTU097C01	N				6/22/2021	0.1280	J+	0.0671	0.0626	**Y**
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021	0.2960 J	R	0.0874	0.0506	Y
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021	0.1690 J	J+	0.071	0.0454	Y
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021	0.3460	R	0.0822	0.0538	Y
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021	0.1610	J+	0.0706	0.0638	Y
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021	0.1730	J+	0.0767	0.0686	Y
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021	0.1130	J+	0.0668	0.0645	Y
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021	0.1680	J+	0.0743	0.0668	Y
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021	0.2600	R	0.0856	0.0688	Y
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021	0.2880	R	0.0756	0.05	Y
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021	0.2370	J+	0.0787	0.0651	Y
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020	0.0818	J+	0.0563	0.0568	Y
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020	0.2140	J+	0.0755	0.065	**Y**
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020	0.1570	J+	0.0637	0.0572	**Y**
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020	0.2160	J+	0.0667	0.053	**Y**
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020	0.2300	J+	0.069	0.0553	**Y**
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020	0.1900	J+	0.0637	0.0526	**Y**
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020	0.2550	J+	0.0717	0.0562	**Y**
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020	0.2270	J+	0.0644	0.0487	**Y**
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020	0.0687	J+	0.0544	0.0556	**Y**
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020	0.1610	J+	0.062	0.0528	**Y**
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020	0.1830	J+	0.0618	0.0503	**Y**
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020	0.2160	J+	0.065	0.0509	**Y**
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020	0.2360	J+	0.0704	0.0533	**Y**
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020	0.1140	J+	0.0604	0.0578	**Y**
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020	0.0923	J+	0.0491	0.0451	**Y**
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020	0.2050	J+	0.0642	0.0513	**Y**
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020	0.2000	J+	0.0625	0.0481	**Y**
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020	0.1760	J+	0.0648	0.0551	**Y**
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020	0.2180	J+	0.0654	0.0487	**Y**
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020	0.2360	J+	0.0757	0.0586	**Y**
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020	0.1940	J+	0.0736	0.0642	**Y**
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020	0.2430	J+	0.0768	0.0626	**Y**
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020	0.3050	R	0.0759	0.0522	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020	0.2180	J+	0.0686	0.0536	**Y**
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020	0.1860	J+	0.0763	0.0686	**Y**
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020	0.1550	J+	0.0646	0.0573	**Y**
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020	0.1740	J+	0.0655	0.0557	**Y**
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021	0.3230	R	0.0791	0.053	**Y**
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021	0.2600	J+	0.0678	0.0457	**Y**
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021	0.2780 J	R	0.0774	0.0404	**Y**
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021	0.1120	J+	0.0665	0.0652	**Y**
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021	0.2220	J+	0.0794	0.0696	**Y**
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021	0.2480	J+	0.0731	0.0571	**Y**
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021	0.1530	J+	0.0579	0.0486	**Y**
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021	0.3860	R	0.0867	0.0575	**Y**
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021	0.2740	R	0.0844	0.0651	**Y**
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021	0.1950	J+	0.0734	0.0627	**Y**
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021	0.1430	J+	0.0662	0.0597	**Y**
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021	0.3190	R	0.0802	0.0525	**Y**
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021					
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021	0.1760	J+	0.0604	0.0487	**Y**
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021	0.1630	J+	0.057	0.0462	**Y**
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021	0.1800	J+	0.0722	0.0655	**Y**
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021	0.2340	J+	0.0699	0.0549	**Y**
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021					
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021	0.1330	J+	0.0619	0.0567	**Y**
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021	0.2640	R	0.0814	0.0659	**Y**
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021	0.2100	J+	0.0695	0.0563	**Y**
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021	0.2460	J+	0.0714	0.0543	**Y**
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021	0.2130	J+	0.0736	0.0608	**Y**
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021	0.2140	J+	0.0834	0.0728	**Y**
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021	0.0704 U	U	0.0663	0.0704	**Y**
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021	0.1400	J+	0.0623	0.0554	**Y**
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021	0.2100	J+	0.0683	0.0533	**Y**
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021	0.2160	J+	0.0837	0.077	**Y**
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021	0.1990	J+	0.0745	0.0649	**Y**
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021	0.2570	J+	0.074	0.0559	**Y**
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021	0.2080	J+	0.0754	0.0644	**Y**
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021	0.1750	J+	0.0679	0.0591	**Y**
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021	0.1220	J+	0.06	0.0553	**Y**
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021	0.1880	J+	0.0675	0.0559	**Y**
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021	0.1390	J+	0.0616	0.0553	**Y**
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021	0.2560	R	0.0843	0.0698	**Y**
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021	0.2530	R	0.0783	0.0618	**Y**
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021	0.3020	R	0.0764	0.0555	**Y**
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021	0.1850	J	0.0694	0.0607	**Y**
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021	0.1400	J	0.0587	0.0515	**Y**
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021	0.1410	J	0.0632	0.0577	**Y**
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020	0.1560	J+	0.0608	0.0534	**Y**
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020	0.1710	J+	0.0564	0.0444	**Y**
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020	0.1980	J+	0.0577	0.0428	**Y**
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020	0.2490	J+	0.0681	0.0518	**Y**
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020	0.1780	J+	0.0756	0.0693	**Y**
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020	0.1480	J+	0.0664	0.0603	**Y**
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020	0.2240	J+	0.0744	0.0599	**Y**
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020	0.1840	J+	0.0666	0.0564	**Y**
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020	0.2260	J+	0.0659	0.052	**Y**
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020	0.1980	J+	0.0639	0.0525	**Y**
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020	0.1400	J+	0.0549	0.047	**Y**
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020	0.2170	J+	0.0648	0.0503	**Y**
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020	0.1740	J+	0.0592	0.0479	**Y**
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020	0.2360	J+	0.0746	0.061	**Y**
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020	0.2470	J+	0.0732	0.057	**Y**
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020	0.2430	J+	0.0673	0.0484	**Y**
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020					
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021	0.0928	J+	0.058	0.0573	**Y**
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021	0.1620	J+	0.0656	0.0587	**Y**
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021	0.0804	J+	0.0474	0.0437	**Y**
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021	0.1060	J+	0.0544	0.0491	**Y**
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021	0.2410	J	0.0663	0.0502	**Y**
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021	0.1520	J+	0.0573	0.0465	**Y**
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021	0.1100	J+	0.062	0.0597	**Y**
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021	0.1300	J+	0.0539	0.0452	**Y**
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021	0.1190	J+	0.0676	0.0462	**Y**
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021	0.1480	J+	0.0701	0.0473	**Y**
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021	0.1380	J+	0.0556	0.0465	**Y**
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021	0.1350	J+	0.0597	0.0532	**Y**
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021	0.0844	J+	0.0558	0.0551	**Y**
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021	0.3040	R	0.0824	0.0608	**Y**
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021	0.1950	J+	0.0727	0.0632	**Y**
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021	0.2160	J+	0.077	0.0656	**Y**
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021	0.1980	J+	0.0712	0.0598	**Y**
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021	0.2760	R	0.0786	0.0606	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021	0.2150	J+	0.0762	0.065	**Y**
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021	0.2530	R	0.0817	0.066	**Y**
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021	0.1810	J+	0.0686	0.0579	**Y**
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021	0.1730	J+	0.0715	0.0629	**Y**
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021	0.2210	J+	0.0706	0.0395	**Y**
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021	0.3080	R	0.0802	0.0606	**Y**
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021	0.1950	J+	0.0741	0.0455	**Y**
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021	0.2310	J+	0.0785	0.0471	**Y**
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021	0.1610	J+	0.0726	0.068	**Y**
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021	0.1810	J+	0.0677	0.0589	**Y**
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021	0.2040	J+	0.0674	0.0558	**Y**
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021	0.1930	J+	0.0729	0.0641	**Y**
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021					
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021	0.1730	J+	0.0675	0.0586	**Y**
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021	0.1740	J+	0.0674	0.0578	**Y**
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021	0.2370	J+	0.0668	0.0481	**Y**
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021	0.1670	J+	0.0588	0.0473	**Y**
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021	0.2910	R	0.0778	0.0588	**Y**
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021	0.2990	R	0.0746	0.0491	**Y**
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021	0.2980	R	0.0826	0.0633	**Y**
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021	0.2920	R	0.0779	0.0595	**Y**
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021	0.4020	R	0.0835	0.0515	**Y**
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021	0.4080	R	0.0915	0.0631	**Y**
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021	0.3380	R	0.081	0.0573	**Y**
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021	0.1660	J+	0.0687	0.06	**Y**
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021	0.1930	J+	0.0744	0.0651	**Y**
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021	0.2990	R	0.0825	0.0623	**Y**
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021	0.3370	R	0.115	0.101	**Y**
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021	0.2640	R	0.0808	0.0663	**Y**
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021	0.2590	R	0.0783	0.0632	**Y**
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021	0.1540	J+	0.0684	0.0612	**Y**
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021	0.2260 J	J+	0.0757	0.0609	**Y**
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021	0.2610	R	0.0865	0.072	**Y**
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021					
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021	0.1610	J+	0.0774	0.0738	**Y**
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021	0.2290	J+	0.0771	0.0631	**Y**
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021	0.2410	J+	0.0751	0.0592	**Y**
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021	0.2120	J+	0.0831	0.0745	**Y**
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021	0.3670	R	0.0805	0.052	**Y**
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021	0.3040	R	0.0739	0.0524	**Y**
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021	0.4940	R	0.0965	0.0605	**Y**
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021	0.1990	J+	0.0841	0.0739	**Y**
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021	0.2180	J+	0.082	0.0678	**Y**
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021	0.2230	J+	0.0909	0.0815	**Y**
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021	0.0687 U	UJ	0.0597	0.0687	**Y**
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021	0.2460	J+	0.0743	0.0571	**Y**
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020	0.3280 J	R	0.0905	0.0514	**Y**
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020	0.1300	J+	0.0636	0.0589	**Y**
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020	0.1560	J+	0.0651	0.0556	**Y**
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020	0.2890	R	0.0884	0.0734	**Y**
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021					
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020	0.2260	J+	0.0818	0.0711	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020	0.1850	J+	0.0681	0.0593	Y
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020	0.0972	J+	0.0528	0.0482	Y
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020	0.1480	J+	0.0536	0.0421	Y
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020	0.1900	J+	0.0747	0.0662	Y
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020	0.2310	J+	0.0737	0.0598	Y
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020	0.1480	J+	0.0614	0.0538	Y
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020	0.2070	J+	0.0675	0.0541	Y
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020	0.2360	J+	0.0692	0.0544	Y
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020	0.2320	J+	0.0738	0.0605	Y
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020	0.1370	J+	0.0585	0.0505	Y
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020	0.1880	J+	0.0703	0.0617	Y
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020	0.1870	J+	0.0635	0.0521	Y
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020	0.1540	J+	0.0669	0.0604	Y
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020	0.1670	J+	0.0783	0.0748	Y
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020	0.1680	J+	0.0673	0.0593	Y
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020	0.1720	J+	0.065	0.0532	Y
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020	0.1530	J+	0.0663	0.0605	Y
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020	0.0895	J+	0.0603	0.06	Y
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020	0.1700	J+	0.0619	0.0517	Y
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020	0.1800	J+	0.0663	0.0535	Y
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020	0.0568 U	U	0.0541	0.0568	Y
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020	0.1810	J+	0.0623	0.0507	Y
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020	0.1250	J+	0.0563	0.0497	Y
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020	0.1570	J+	0.0583	0.0494	Y
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020	0.1890	J+	0.0633	0.0504	Y
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020	0.1940	J+	0.0648	0.0547	Y
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020	0.1430	J+	0.0518	0.0424	Y
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020	0.2070	J+	0.0637	0.0504	**Y**
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020	0.2400	J+	0.0723	0.0567	**Y**
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020	0.2020	J+	0.0686	0.0584	**Y**
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020	0.2550	J+	0.0809	0.064	**Y**
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021	0.3150	R	0.0855	0.0651	**Y**
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021	0.1930	J+	0.0672	0.0552	**Y**
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021	0.2400	J+	0.0727	0.0566	**Y**
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021	0.1230	J+	0.061	0.0569	**Y**
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021	0.1820	J+	0.0688	0.0606	**Y**
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021	0.1290	J+	0.0584	0.0524	**Y**
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021	0.1560	J+	0.058	0.0488	**Y**
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021	0.2360	J+	0.069	0.0544	**Y**
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021	0.2570	R	0.0744	0.0565	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021	0.1610	J+	0.063	0.0547	**Y**
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021	0.2690	R	0.0791	0.0634	**Y**
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021	0.1730	J+	0.0674	0.0597	**Y**
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021	0.2120	J+	0.0731	0.0607	**Y**
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021	0.2260	J+	0.0696	0.0551	**Y**
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021	0.1890	J+	0.0663	0.0554	**Y**
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021					
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021	0.1440	J+	0.0617	0.0549	**Y**
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021	0.1690	J+	0.0715	0.0661	**Y**
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021	0.1900	J+	0.0752	0.0669	**Y**
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021	0.2510	J+	0.076	0.0593	**Y**
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021	0.2060	J+	0.0714	0.0595	**Y**
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021	0.2670	R	0.0756	0.0563	**Y**
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021	0.2100	J+	0.0854	0.0745	**Y**
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021	0.1800	J+	0.0695	0.0612	**Y**
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021	0.1510	J+	0.0631	0.0565	**Y**
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021	0.2250	J+	0.0745	0.0636	**Y**
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021	0.3180	R	0.0806	0.0582	**Y**
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021	0.2690	R	0.0699	0.0495	**Y**
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021	0.2220	J+	0.0748	0.061	**Y**
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021	0.2830	R	0.0755	0.0537	**Y**
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021	0.5000	R	0.101	0.0629	**Y**
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021	0.1760	J+	0.0602	0.0495	**Y**
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021	0.1950	J+	0.0686	0.0569	**Y**
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021	0.2510	J+	0.0773	0.0639	**Y**
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021	0.1480	J+	0.0764	0.0747	**Y**
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021	0.1620	J+	0.0706	0.066	**Y**
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021	0.1690	J+	0.0683	0.0597	**Y**
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021	0.1180	J+	0.0684	0.0672	**Y**
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021	0.0854	J+	0.0572	0.0561	**Y**
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021	0.1520	J+	0.0807	0.0791	**Y**
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021	0.2040	J+	0.0771	0.0683	**Y**
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021	0.2110 J	J+	0.076	0.0633	**Y**
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021	0.2010	J+	0.0774	0.0674	**Y**
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021	0.2230	J+	0.0743	0.0618	**Y**
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021	0.3690	R	0.0877	0.061	**Y**
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021	0.2900	R	0.0778	0.0587	**Y**
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021	0.2200	J+	0.0672	0.054	**Y**
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021	0.1970	J+	0.0609	0.0475	**Y**
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021	0.1780	J+	0.0627	0.0531	**Y**
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021	0.2030	J+	0.0651	0.053	**Y**
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021	0.2660	R	0.0756	0.0552	**Y**
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021	0.1970	J+	0.0762	0.0655	**Y**
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021	0.1780	J+	0.0745	0.0676	**Y**
HPPG-F-127-A	SFUTU077B11	N				7/15/2021	0.1890	J+	0.0982	0.0929	**Y**
HPPG-F-127-B	SFUTU077B11	N				7/15/2021					
HPPG-F-127-C	SFUTU077B11	N				7/15/2021	0.2480	J+	0.0742	0.0546	**Y**
HPPG-F-127-D	SFUTU077B11	N				7/15/2021	0.1800	J+	0.066	0.0535	**Y**
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021	0.2050	J+	0.0844	0.078	**Y**
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021	0.1990	J+	0.0734	0.0646	**Y**
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021	0.2660	R	0.0725	0.0531	**Y**
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021	0.1620	J+	0.0773	0.0742	**Y**
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021	0.2650	R	0.0919	0.0812	**Y**
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021					
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021	0.1520	J+	0.06	0.0532	**Y**
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021	0.2000	J+	0.0676	0.0573	**Y**
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021	0.1720	J+	0.0667	0.0582	**Y**
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021	0.2190	J+	0.0742	0.0617	**Y**
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021	0.2250	J+	0.0691	0.0516	**Y**
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021	0.1850	J+	0.0727	0.0645	**Y**
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021	0.1400	J+	0.0629	0.0551	**Y**
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021	0.1230	J+	0.0679	0.0645	**Y**
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021	0.0843 U	U	0.0777	0.0843	**Y**
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021	0.1500	J+	0.0572	0.0492	**Y**
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021	0.2230	J+	0.0738	0.061	**Y**
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021	0.1780	J+	0.0741	0.0655	**Y**
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021	0.2460	R	0.0888	0.0767	**Y**
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021	0.3240	R	0.0711	0.0436	**Y**
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021	0.1020	J+	0.0708	0.0713	**Y**
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021	0.1710	J+	0.0788	0.0754	**Y**
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021	0.2140	J+	0.0821	0.0742	**Y**
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021	0.0880	J+	0.0497	0.0459	**Y**
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021	0.1810	J+	0.0669	0.0558	**Y**
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021	0.2140	J+	0.0647	0.0504	**Y**
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021	0.3060	R	0.0723	0.0488	**Y**
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021	0.2770	R	0.0782	0.0601	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021	0.3240	R	0.0933	0.0767	**Y**
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021	0.1380	J+	0.0586	0.0509	**Y**
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021	0.2240	J+	0.0689	0.0544	**Y**
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021	0.2080	J+	0.0739	0.0639	**Y**
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021	0.1340	J+	0.0585	0.0536	**Y**
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021	0.1550	J+	0.0616	0.0527	**Y**
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021	0.1780	J+	0.0755	0.0689	**Y**
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021	0.1560	J+	0.064	0.0556	**Y**
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021	0.2360	J+	0.0729	0.0568	**Y**
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021	0.2870	R	0.0699	0.048	**Y**
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021	0.1700	J+	0.0702	0.0627	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021	0.2480	J+	0.0739	0.0568	Y
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021	0.1880	J+	0.063	0.0511	Y
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021	0.2420	J+	0.0671	0.0497	Y
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021	0.2150	J+	0.0694	0.057	Y
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021					
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021	0.0548 U	U	0.0512	0.0548	Y
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021	0.2100	J+	0.0784	0.0681	Y
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021	0.2690	R	0.0832	0.0672	Y
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021	0.2380	J+	0.0831	0.0704	Y
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021	0.3780		0.0925	0.066	Y
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021	0.2440 J	J+	0.0821	0.0694	Y
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021	0.2520 J	J	0.076	0.0585	Y
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021	0.1920		0.0746	0.047	Y
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021	0.2100	J+	0.0849	0.0774	Y
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021	0.2950	R	0.0879	0.0713	**Y**
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021	0.1140	J+	0.0735	0.0739	**Y**
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021	0.2330	J+	0.0735	0.059	**Y**
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021	0.2070	J+	0.0777	0.049	**Y**
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021	0.1490	J+	0.0689	0.0452	**Y**
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021	0.2310	J+	0.0649	0.0358	**Y**
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021	0.2080	J+	0.0758	0.0472	**Y**
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021	0.1460	J+	0.0654	0.0418	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021	0.1210	J+	0.0663	0.0443	**Y**
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021	0.2350	J+	0.0744	0.0614	**Y**
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021	0.2230	J+	0.0715	0.0594	**Y**
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021	0.1810	J+	0.0646	0.0554	**Y**
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021	0.2950	R	0.0781	0.0598	**Y**
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021	0.2280	J+	0.0658	0.0501	**Y**
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021	0.1290	J+	0.0634	0.0576	**Y**
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021	0.2060	J	0.0629	0.0494	**Y**
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021	0.1310	J+	0.0709	0.0656	**Y**
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021	0.2450	J+	0.0776	0.0594	**Y**
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021	0.0867	J+	0.0718	0.0732	**Y**
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021					
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021	0.2340	J+	0.0791	0.0661	**Y**
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021	0.0863	J+	0.0551	0.0524	**Y**
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021	0.1450	J+	0.079	0.0782	**Y**
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021	0.1780	J+	0.0908	0.0879	**Y**
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021	0.1430	J+	0.0723	0.0706	**Y**
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021	0.1140	J+	0.0598	0.0575	**Y**
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021	0.1940	J+	0.0717	0.0627	**Y**
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021	0.1670	J+	0.0703	0.0644	**Y**
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021	0.1290	J+	0.0687	0.0671	**Y**
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021	0.3550	R	0.0963	0.076	**Y**
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021	0.1710	J+	0.07	0.0458	**Y**
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021	0.2230	J+	0.0823	0.072	**Y**
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021	0.1830	J+	0.0775	0.0702	**Y**
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020	0.1430	J+	0.0622	0.0554	**Y**
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020	0.2380	J+	0.0786	0.0654	**Y**
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020	0.2070	J+	0.0712	0.0609	**Y**
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020	0.2440	J+	0.0667	0.0509	**Y**
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020	0.2210	J+	0.065	0.0516	**Y**
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020	0.2410	J+	0.0675	0.0509	**Y**
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020	0.2040	J+	0.0647	0.0524	**Y**
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020	0.1910	J+	0.063	0.0499	**Y**
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020	0.1300	J+	0.055	0.0468	**Y**
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020	0.1530	J+	0.0545	0.0436	Y
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020	0.1830	J+	0.0692	0.0598	Y
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021	0.4370	R	0.092	0.0602	Y
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021	0.2470	J+	0.0697	0.0519	Y
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021	0.1960	J+	0.067	0.055	Y
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021	0.2180	J+	0.0692	0.0539	**Y**
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021	0.1340	J+	0.067	0.0647	**Y**
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021	0.1740	J+	0.0624	0.0525	**Y**
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021	0.1850	J+	0.0831	0.0787	**Y**
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021	0.2170	J+	0.0747	0.0643	**Y**
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021	0.1960	J+	0.0746	0.0647	**Y**
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021	0.1060	J+	0.0675	0.067	**Y**
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021	0.3220	R	0.0816	0.0593	**Y**
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021	0.2890	R	0.0792	0.0607	**Y**
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021	0.2510	J+	0.0737	0.0572	**Y**
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021	0.3470	R	0.089	0.0659	Y
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021	0.2130	J+	0.0721	0.0577	Y
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021	0.2570	J+	0.0711	0.0501	Y
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021	0.2230	J+	0.0662	0.0487	Y
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021	0.2110	J+	0.0709	0.0597	Y
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021					
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021	0.1360	J+	0.0672	0.063	Y
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021	0.1860	J+	0.0661	0.0543	Y
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021	0.1950	J+	0.0621	0.0458	**Y**
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021	0.2910	R	0.08	0.0547	**Y**
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021	0.0927	J+	0.0595	0.0587	**Y**
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021	0.1710	J+	0.0737	0.0671	**Y**
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021	0.0825	J+	0.0609	0.0612	**Y**
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021	0.1090	J+	0.0639	0.0622	**Y**
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021	0.0794	J+	0.0628	0.064	**Y**
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021	0.2000	J+	0.0732	0.0643	**Y**
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020	0.2530	J+	0.069	0.0498	**Y**
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020	0.1660	J+	0.0635	0.0551	**Y**
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020					
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020	0.2190	J+	0.0697	0.0549	**Y**
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020	0.1840	J+	0.0741	0.0659	**Y**
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021	0.1790	J+	0.0685	0.0594	**Y**
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021	0.1210	J	0.054	0.0487	**Y**
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021	0.0759	J+	0.0599	0.0436	**Y**
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021	0.1430	J+	0.0675	0.0442	**Y**
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021	0.1240	J	0.0567	0.052	**Y**
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021	0.1430	J+	0.0708	0.0679	**Y**
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021	0.2080	J+	0.0626	0.0462	**Y**
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021	0.2610	R	0.0744	0.056	**Y**
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021	0.1860	J+	0.0646	0.0542	**Y**
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021	0.2400	J+	0.0694	0.0502	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021	0.2700	R	0.0779	0.0616	**Y**
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021	0.3030	R	0.0719	0.0456	**Y**
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021	0.2300	J+	0.0744	0.0589	**Y**
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021	0.1880	J+	0.0743	0.0662	**Y**
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021	0.1510	J+	0.0696	0.1	**Y**
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021					
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021					
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021					
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021					
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021	0.2000	J+	0.0724	0.0622	**Y**
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021	0.1450	J+	0.0659	0.0605	**Y**
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021	0.2430	J+	0.0746	0.06	**Y**
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021	0.2430	J+	0.0766	0.0618	**Y**
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021	0.3240	R	0.0801	0.0575	**Y**
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021	0.2040	J+	0.0658	0.051	**Y**
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021	0.2510	J+	0.0719	0.0571	**Y**
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021	0.2330	J+	0.0742	0.0578	**Y**
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021	0.2360	J+	0.0707	0.052	**Y**
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021	0.1760	J+	0.0652	0.0545	**Y**
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021	0.2530	J+	0.0719	0.0552	**Y**
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021	0.2630	R	0.0722	0.0506	**Y**
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021	0.1770	J+	0.0855	0.0809	**Y**
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021	0.2300	J+	0.0801	0.0677	**Y**
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021	0.3040	R	0.0912	0.0691	**Y**
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021	0.2160	J+	0.0833	0.0717	**Y**
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021	0.2810	R	0.0879	0.0716	**Y**
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021	0.2960	R	0.0871	0.0719	**Y**
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021	0.1940	J+	0.0863	0.0795	**Y**
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021	0.1000	J+	0.082	0.0858	**Y**
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021	0.2330	J+	0.071	0.0567	**Y**
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021	0.2440	J+	0.0795	0.0657	**Y**
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021	0.3460	R	0.0861	0.0626	**Y**
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021					
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020	0.1190	J+	0.0649	0.0616	**Y**
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020	0.0715	J+	0.0609	0.0631	**Y**
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020	0.1000	J+	0.0654	0.0652	**Y**
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020	0.2330	J+	0.0729	0.0582	**Y**
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020	0.1980	J+	0.0687	0.0572	**Y**
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020	0.1400	J+	0.0677	0.0624	**Y**
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020	0.1670	J+	0.0616	0.0509	**Y**
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020	0.2360	J+	0.0769	0.0643	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021					
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021					
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021					
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021					
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021					
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023					
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021					
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020					
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023					
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021					
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021					
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021					
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021					
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021					
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021					
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021					
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021	0.0930	J+	0.062	0.061	**Y**
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021	0.1690	J+	0.0911	0.0871	**Y**
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021	0.1150	J+	0.073	0.0713	**Y**
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021	0.0708	J+	0.0619	0.0628	**Y**
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021					
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021					
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021					
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021					
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021					
HPPG-F-098-A	ESUTU069A011	N				6/28/2021					
HPPG-F-098-B	ESUTU069A011	N				6/28/2021					
HPPG-F-098-C	ESUTU069A011	N				6/28/2021					
HPPG-F-098-D	ESUTU069A011	N				6/28/2021					
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021					
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021					
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021					
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021					
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021					
HPPG-F-103-A	ESUTU069B01	N				6/30/2021					
HPPG-F-103-B	ESUTU069B01	N				6/30/2021					
HPPG-F-103-C	ESUTU069B01	N				6/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021					
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021					
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021					
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021					
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021					
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021					
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021					
HPPG-F-106-A	ESUTU069C11	N				7/1/2021					
HPPG-F-106-B	ESUTU069C11	N				7/1/2021					
HPPG-F-106-C	ESUTU069C11	N				7/1/2021					
HPPG-F-106-D	ESUTU069C11	N				7/1/2021					
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021					
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021					
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021					
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021					
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021					
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021					
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021					
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021					
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021					
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021					
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021					
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021					
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021					
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021					
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021					
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021					
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021					
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021					
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021					
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021					
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021					
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021					
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021					
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021					
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021					
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021					
HPPG-F-096-A	ESUTU070B011	N				6/28/2021					
HPPG-F-096-B	ESUTU070B011	N				6/28/2021					
HPPG-F-096-C	ESUTU070B011	N				6/28/2021					
HPPG-F-096-D	ESUTU070B011	N				6/28/2021					
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021					
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021					
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021					
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021					
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021					
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021					
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021					
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021					
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021					
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021					
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021					
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021					
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021					
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021					
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021					
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021					
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021					
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021					
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021					
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021					
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021					
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021					
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023					
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023					
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023					
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023					
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023					
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023					
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023					
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023					
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023					
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020					
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021					
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021					
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021					
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021					
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021					
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021					
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021					
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021					
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021					
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021					
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021					
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021					
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021					
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021					
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021					
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021					
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021					
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021					
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021					
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021					
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021					
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021					
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021					
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021					
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021					
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021					
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021					
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021					
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021					
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021					
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021					
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021					
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021					
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021					
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021					
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021					
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021					
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021					
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023					
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023					
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023					
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023					
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023					
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020					
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020					
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020					
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020					
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020					
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020					
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021					
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021					
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021					
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021					
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021					
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021					
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021					
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021					
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021					
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021					
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021					
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021					
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021					
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021					
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021					
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021					
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021					
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021					
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021					
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021					
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021					
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021					
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021					
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021					
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021					
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021					
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021					
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021					
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021					
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021					
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021					
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021					
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021					
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021					
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021					
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021					
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021					
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021					
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021					
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021					
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021					
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021					
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021					
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021					
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021					
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021					
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-F-092-A	ESUTU095C011	N				6/22/2021					
HPPG-F-092-B	ESUTU095C011	N				6/22/2021					
HPPG-F-092-C	ESUTU095C011	N				6/22/2021					
HPPG-F-092-D	ESUTU095C011	N				6/22/2021					
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021					
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021					
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020					
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021					
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021					
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-F-089-A	ESUTU097C01	N				6/22/2021					
HPPG-F-089-B	ESUTU097C01	N				6/22/2021					
HPPG-F-089-C	ESUTU097C01	N				6/22/2021					
HPPG-F-089-D	ESUTU097C01	N				6/22/2021					
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021					
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021					
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021					
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021					
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021					
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021					
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020					
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020					
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020					
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021					
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021					
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021					
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021					
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021					
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021					
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021					
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021					
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021					
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021					
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021					
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021	0.0944 U	U	0.0867	0.0944	**Y**
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021	0.1180	J+	0.0801	0.0799	**Y**
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021	0.0770 U	U	0.0696	0.077	**Y**
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021					
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021					
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021					
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021					
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021					
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021	0.0725 U	U	0.064	0.0725	**Y**
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021	0.0638	J+	0.0615	0.063	**Y**
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021	0.0612 U	U	0.0558	0.0612	**Y**
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021					
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020					
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020					
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020					
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021					
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021					
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021					
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021					
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021					
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021					
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021					
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021					
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021					
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021	0.0877 U	U	0.0721	0.0877	**Y**
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021	0.0682 U	U	0.0566	0.0682	**Y**
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021	0.0800 U	U	0.0713	0.08	**Y**
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021					
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021					
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021	0.0649	J+	0.0576	0.0586	**Y**
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021	0.0702	J+	0.058	0.0595	**Y**
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021	0.0589 U	U	0.0561	0.0589	**Y**
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021	0.0601 U	U	0.055	0.0601	**Y**
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021	0.0687 U	U	0.0562	0.0687	**Y**
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021	0.0639 U	UJ	0.0478	0.0639	**Y**
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021					
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020					
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021	0.0617 U	U	0.0551	0.0617	**Y**
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021	0.0844	J	0.0617	0.0621	**Y**
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021	0.0825 U	U	0.065	0.0825	**Y**
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021	0.0770 U	U	0.0738	0.077	**Y**
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021	0.0799 U	U	0.0678	0.0799	**Y**
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021	0.0674 U	U	0.0562	0.0674	**Y**
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021	0.0711 U	U	0.0557	0.0711	**Y**
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020					
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020					
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020					
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020					
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020					
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020					
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023					
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021					
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021					
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021					
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021					
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021					
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021					
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021					
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021					
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021					
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021					
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021					
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021					
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021					
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021					
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021					
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021					
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021					
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021					
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021					
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021					
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021					
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021					
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023					
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023					
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021					
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127-A	SFUTU077B11	N				7/15/2021					
HPPG-F-127-B	SFUTU077B11	N				7/15/2021					
HPPG-F-127-C	SFUTU077B11	N				7/15/2021					
HPPG-F-127-D	SFUTU077B11	N				7/15/2021					
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021					
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021					
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021					
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021					
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021					
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021					
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021					
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021					
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021					
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023					
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023					
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021					
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021					
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021					
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021					
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021					
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021					
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021					
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021					
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021					
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021					
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021					
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021					
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021					
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021					
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021					
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021					
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021					
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021					
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021					
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021					
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021					
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021					
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021					
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021					
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021					
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021					
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021					
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021					
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021					
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021					
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020					
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020					
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020					
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021					
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021					
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021					
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021					
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021					
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021					
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021					
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021					
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021					
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021					
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021	0.0896 U		0.0767	0.0896	**Y**
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021	0.0693 U		0.0656	0.0693	**Y**
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021	0.0532 U		0.0493	0.0532	**Y**
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021					
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020					
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021					
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021					
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021					
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021					
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021	0.0773 U	U	0.0723	0.0773	**Y**
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021	0.0788 U	U	0.0641	0.0788	**Y**
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021	0.0775 U	U	0.0733	0.0775	**Y**
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021	0.0743 U	U	0.0593	0.0743	**Y**
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021	0.0726 U	U	0.0634	0.0726	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021	0.0772 U	U	0.0655	0.0772	**Y**
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021	0.0750 U	U	0.0675	0.075	**Y**
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021	0.0784 U	U	0.068	0.0784	**Y**
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021	0.0799 U	U	0.064	0.0799	**Y**
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021	0.0823	J+	0.065	0.0658	**Y**
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021					
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021	0.0980	J+	0.081	0.0832	**Y**
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021	0.0691 U	U	0.0609	0.0691	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021	0.0732	J+	0.0695	0.0713	**Y**
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021					
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021					
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021					
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021					
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021					
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021					
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021					
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021					
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021	0.0652 U	U	0.0597	0.0652	**Y**
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021	0.0678 U	U	0.0594	0.0678	**Y**
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021	0.0715 U	U	0.0639	0.0715	**Y**
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021	0.0825 U	U	0.0773	0.0825	**Y**
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021	0.0669 U	U	0.0585	0.0669	**Y**
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021	0.2110	J+	0.0892	0.0803	**Y**
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021	0.1060 U	U	0.0958	0.106	**Y**
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom Rev 9 / Strontium-90 (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020					
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021	0.0262 U	U	0.0237	0.0262	**Y**
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021	0.0268 U	U	0.0243	0.0268	**Y**
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021	0.0215 U	U	0.0188	0.0215	**Y**
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021	0.0289 U	UJ	0.0255	0.0289	**Y**
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021	0.0339 U	U	0.0263	0.0339	**Y**
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021	0.0272		0.0261	0.027	**Y**
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021	0.0232 U	U	0.018	0.0232	**Y**
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021	0.0381 U	U	0.0329	0.0381	**Y**
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021	0.0319 U	U	0.0278	0.0319	**Y**
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021	0.0287 U	U	0.0265	0.0287	**Y**
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021	0.0309 U	U	0.026	0.0309	**Y**
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021	0.0250 U	U	0.0224	0.025	**Y**
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021	0.0270 U	U	0.0239	0.027	**Y**
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021	0.0328 U	U	0.0271	0.0328	**Y**
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021	0.0268 U	U	0.0204	0.0268	**Y**
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021	0.0305 U	U	0.0269	0.0305	**Y**
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021	0.0349	J	0.0289	0.0292	**Y**
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021	0.0270	J	0.021	0.0208	**Y**
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021	0.0330		0.0307	0.0318	**Y**
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021	0.0280 U	U	0.0243	0.028	**Y**
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021	0.0279 U	U	0.0236	0.0279	**Y**
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021	0.0271 U	U	0.0241	0.0271	**Y**
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021	0.0250 U	U	0.0221	0.025	**Y**
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021	0.0258 U	U	0.0239	0.0258	**Y**
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021	0.0278 U	U	0.0261	0.0278	**Y**
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021	0.0464 U	U	0.0401	0.0464	**Y**
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021	0.0284 U	U	0.0216	0.0284	**Y**
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021	0.0256 U	U	0.025	0.0256	**Y**
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021	0.0337 U	U	0.0297	0.0337	**Y**
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021	0.0336 U	U	0.0286	0.0336	**Y**
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021	0.0262 U	U	0.0241	0.0262	**Y**
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021	0.0263 U	U	0.0254	0.0263	**Y**
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021	0.0281 U	U	0.0232	0.0281	**Y**
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023	0.0073 U	U	0.0311	0.0249	**Y**
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023	-0.0056 U	U	0.0259	0.0218	**Y**
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023	0.0204 U	U	0.0292	0.0221	**Y**
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023	0.0513		0.0491	0.035	**Y**
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023	-0.0069 U	U	0.0309	0.0261	**Y**
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023	0.0268		0.0252	0.0182	**Y**
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023	0.0279		0.034	0.0256	**Y**
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023	0.0274 U	U	0.0385	0.0293	**Y**
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021	0.0208 U	U	0.0171	0.0208	**Y**
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021	0.0238 U	U	0.0215	0.0238	**Y**
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021	0.0274 U	U	0.0261	0.0274	**Y**
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021	0.0238 U	U	0.0209	0.0238	**Y**
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021	0.0264 U	U	0.0232	0.0264	**Y**
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021	0.0331		0.0285	0.0288	**Y**
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021	0.0303 U	U	0.0271	0.0303	**Y**
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020	0.0288 U	U	0.0272	0.0288	**Y**
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020	0.0269 U	U	0.0246	0.0269	**Y**
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020	0.0289 U	U	0.0254	0.0289	**Y**
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020	0.0295 U	U	0.025	0.0295	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020	0.0292 U	U	0.0273	0.0292	**Y**
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020	0.0303 U	U	0.0284	0.0303	**Y**
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020	0.0350 U	U	0.03	0.035	**Y**
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020	0.0277 U	U	0.0247	0.0277	**Y**
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020	0.0260 U	U	0.0229	0.026	**Y**
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020	0.0320 U	U	0.0278	0.032	**Y**
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020	0.0259 U	U	0.0207	0.0259	**Y**
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020	0.0281 U	U	0.0254	0.0281	**Y**
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020	0.0317 U	U	0.0256	0.0317	**Y**
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023	0.0350		0.0294	0.021	**Y**
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023	-0.0042 U	U	0.0179	0.0151	**Y**
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023	-0.0493 U	UJ	0.0234	0.0234	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023	-0.0061 U	UJ	0.0202	0.0171	**Y**
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023	0.0701		0.0394	0.0271	**Y**
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023	-0.0010 U	UJ	0.0213	0.0176	**Y**
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023	-0.0511 U	UJ	0.0279	0.0263	**Y**
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023	0.0136 U	U	0.0237	0.0183	**Y**
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023	-0.0082 U	U	0.0196	0.0169	**Y**
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023	0.0310		0.0277	0.0199	**Y**
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023	0.0062 U	U	0.0239	0.0191	**Y**
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023	0.0006 U	U	0.0236	0.0194	**Y**
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023	0.0412		0.0321	0.0225	**Y**
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023	-0.0040 U	U	0.0285	0.0238	**Y**
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023	-0.0180 U	U	0.027	0.0237	**Y**
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023	0.0193 U	U	0.0313	0.0239	**Y**
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023	0.0128 U	U	0.0277	0.0215	**Y**
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023	0.0194 U	U	0.0299	0.0228	**Y**
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021	0.0260 U	U	0.0208	0.026	**Y**
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021	0.0239 U	U	0.0206	0.0239	**Y**
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021	0.0242 U	U	0.0214	0.0242	**Y**
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021	0.0249 U	U	0.0221	0.0249	**Y**
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021	0.0347 U	U	0.0325	0.0347	**Y**
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021	0.0353 U	U	0.0299	0.0353	**Y**
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021	0.0320 U	U	0.0271	0.032	**Y**
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021	0.0303 U	U	0.0274	0.0303	**Y**
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021	0.0436 U	U	0.0418	0.0436	**Y**
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021	0.0316		0.0243	0.0238	**Y**
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021	0.0265 U	U	0.0228	0.0265	**Y**
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021	0.0270 U	U	0.0207	0.027	**Y**
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021	0.0246 U	U	0.0208	0.0246	**Y**
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021	0.0329		0.0272	0.0278	**Y**
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021	0.0273 U	U	0.0244	0.0273	**Y**
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021	0.0299	J	0.0247	0.0249	**Y**
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021	0.0307	J	0.029	0.0302	**Y**
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021	0.0247 U	U	0.0234	0.0247	**Y**
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021	0.0236 U	U	0.0202	0.0236	**Y**
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021	0.0294		0.0244	0.0247	**Y**
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021	0.0240 U	U	0.0229	0.024	**Y**
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021	0.0255 U	U	0.0234	0.0255	**Y**
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021	0.0269 U	U	0.0234	0.0269	**Y**
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021	0.0298 U	U	0.0244	0.0298	**Y**
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021	0.0396		0.0247	0.0236	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021	0.0254 U	U	0.0217	0.0254	**Y**
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021	0.0252 U	U	0.0229	0.0252	**Y**
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021	0.0241 U	U	0.0196	0.0241	**Y**
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021	0.0228 U	U	0.019	0.0228	**Y**
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021	0.0265 U	U	0.0253	0.0265	**Y**
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021	0.0240 U	U	0.021	0.024	**Y**
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021	0.0290 U	U	0.026	0.029	**Y**
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021	0.0242 U	U	0.0206	0.0242	**Y**
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021	0.0304 U	U	0.0277	0.0304	**Y**
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021	0.0248 U	U	0.0196	0.0248	**Y**
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021	0.0245 U	U	0.0194	0.0245	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021	0.0223 U	U	0.0201	0.0223	**Y**
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021	0.0229 U	UJ	0.0162	0.0229	**Y**
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021	0.0272 U	U	0.0226	0.0272	**Y**
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021	0.0239 U	U	0.022	0.0239	**Y**
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021	0.0273 U	U	0.0248	0.0273	**Y**
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021	0.0304	J	0.0246	0.0246	**Y**
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021	0.0322 U	U	0.0289	0.0322	**Y**
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021	0.0290 U	U	0.024	0.029	**Y**
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021	0.0276 U	U	0.0224	0.0276	**Y**
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021	0.0284 U	U	0.0229	0.0284	**Y**
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021	0.0248 U	U	0.023	0.0248	**Y**
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021	0.0266 U	U	0.0238	0.0266	**Y**
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021	0.0274 U	U	0.0244	0.0274	**Y**
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021	0.0294 U	U	0.0272	0.0294	**Y**
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021	0.0294 U	U	0.0272	0.0294	**Y**
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021	0.0268 U	U	0.0208	0.0268	**Y**
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021	0.0314 U	U	0.026	0.0314	**Y**
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021	0.1050 U	UJ	0.0913	0.105	**Y**
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021	0.0283 U	U	0.0241	0.0283	**Y**
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021	0.0570		0.0286	0.0264	**Y**
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021	0.0265 U	U	0.0216	0.0265	**Y**
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021	0.0315 U	U	0.0272	0.0315	**Y**
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021	0.0266 U	U	0.0254	0.0266	**Y**
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021	0.0533 U	U	0.0297	0.0533	**Y**
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021	0.0467 U	U	0.0237	0.0467	**Y**
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021	0.0273 U	U	0.0248	0.0273	**Y**
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021	0.0358 U	U	0.0305	0.0358	**Y**
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021	0.0278 U	U	0.0247	0.0278	**Y**
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021	0.0383 U	U	0.0355	0.0383	**Y**
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021	0.0262 U	U	0.0241	0.0262	**Y**
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021	0.0337		0.0276	0.0279	**Y**
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021	0.0352 U	U	0.033	0.0352	**Y**
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021	0.0259 U	U	0.0222	0.0259	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021	0.0263 U	U	0.0247	0.0263	**Y**
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021	0.0292 U	U	0.0231	0.0292	**Y**
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021	0.0282 U	U	0.0249	0.0282	**Y**
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021	0.0770		0.0324	0.0284	**Y**
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021	0.0262 U	U	0.0235	0.0262	**Y**
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021	0.0369 U	U	0.0339	0.0369	**Y**
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021	0.0377 U	U	0.0342	0.0377	**Y**
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021	0.0376 U	U	0.0356	0.0376	**Y**
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021	0.0251 U	U	0.0194	0.0251	**Y**
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021	0.0490	J	0.036	0.0357	**Y**
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021	0.0319 U	U	0.0267	0.0319	**Y**
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021	0.0317 U	U	0.027	0.0317	**Y**
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021	0.0350 U	UJ	0.026	0.035	**Y**
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021	0.0316 U	U	0.0287	0.0316	**Y**
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021	0.0440 U	U	0.0221	0.044	**Y**
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021	0.0336 U	U	0.0259	0.0336	**Y**
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021	0.0446	J	0.0257	0.0244	**Y**
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021	0.0263 U	U	0.0245	0.0263	**Y**
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021	0.0262 U	U	0.0232	0.0262	**Y**
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021	0.0231 U	U	0.0214	0.0231	**Y**
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021	0.0279 U	U	0.0232	0.0279	**Y**
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021	0.0278 U	U	0.0262	0.0278	**Y**
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021	0.0292 U	U	0.0249	0.0292	**Y**
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021	0.0238 U	U	0.0201	0.0238	**Y**
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021	0.0232 U	U	0.0202	0.0232	**Y**
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021	0.0204 U	U	0.0194	0.0204	**Y**
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021	0.0245 U	U	0.0234	0.0245	**Y**
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021	0.0188 U	U	0.0148	0.0188	**Y**
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021	0.0250 U	U	0.0213	0.025	**Y**
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021	0.0245 U	UJ	0.0126	0.0245	**Y**
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021	0.0279 U	UJ	0.0236	0.0279	**Y**
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021	0.0237 U	UJ	0.0118	0.0237	**Y**
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021	0.0243 U	U	0.0217	0.0243	**Y**
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021	0.0261 U	U	0.0252	0.0261	**Y**
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021	0.0249 U	U	0.022	0.0249	**Y**
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021	0.0222 U	U	0.0207	0.0222	**Y**
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021	0.0210 U	U	0.0196	0.021	**Y**
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021	0.0233 U	U	0.0199	0.0233	**Y**
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021	0.0287 U	U	0.0261	0.0287	**Y**
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021	0.0358 U	U	0.0328	0.0358	**Y**
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021	0.0317 U	U	0.0299	0.0317	**Y**
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021	0.0400		0.0316	0.0321	**Y**
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021	0.0521 U	U	0.0504	0.0521	**Y**
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021	0.0395 U	U	0.0376	0.0395	**Y**
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021	0.0439		0.0323	0.0324	**Y**
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021	0.0290 U	U	0.0228	0.029	**Y**
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021	0.0273 U	U	0.0227	0.0273	**Y**
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021	0.0326 U	U	0.0273	0.0326	**Y**
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021	0.0310 U	U	0.0273	0.031	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021	0.0378 U	U	0.0337	0.0378	**Y**
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021	0.0258 U	U	0.0244	0.0258	**Y**
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021	0.0240 U	U	0.0218	0.024	**Y**
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021	0.0262	J	0.0217	0.0215	**Y**
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021	0.0239 U	U	0.0197	0.0239	**Y**
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021	0.0226 U	U	0.0201	0.0226	**Y**
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021	0.0286 U	U	0.0255	0.0286	**Y**
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021	0.0287 U	U	0.0254	0.0287	**Y**
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021	0.0497	J	0.0262	0.0242	**Y**
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021	0.0305	J	0.0228	0.0225	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021	0.0305	J	0.0236	0.0233	**Y**
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021	0.0242 U	U	0.021	0.0242	**Y**
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021	0.0273 U	U	0.0247	0.0273	**Y**
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021	0.0275 U	U	0.0228	0.0275	**Y**
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021	0.0324	J	0.024	0.0237	**Y**
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021	0.0233 U	U	0.0221	0.0233	**Y**
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021	0.0381		0.0277	0.0281	**Y**
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021	0.0246 U	U	0.0221	0.0246	**Y**
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021	0.0270 U	U	0.0251	0.027	**Y**
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021	0.0250 U	U	0.0207	0.025	**Y**
HPPG-F-098-A	ESUTU069A011	N				6/28/2021	0.0243 U	U	0.0194	0.0243	**Y**
HPPG-F-098-B	ESUTU069A011	N				6/28/2021	0.0202 U	U	0.0189	0.0202	**Y**
HPPG-F-098-C	ESUTU069A011	N				6/28/2021	0.0307		0.0251	0.025	**Y**
HPPG-F-098-D	ESUTU069A011	N				6/28/2021	0.0257 U	U	0.0246	0.0257	**Y**
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021	0.0251 U	U	0.0232	0.0251	**Y**
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021	0.0275 U	U	0.0237	0.0275	**Y**
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021	0.0247 U	U	0.0204	0.0247	**Y**
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021	0.0226 U	U	0.0206	0.0226	**Y**
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021	0.0264 U	U	0.0235	0.0264	**Y**
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021	0.0289 U	U	0.0223	0.0289	**Y**
HPPG-F-103-A	ESUTU069B01	N				6/30/2021	0.0275 U	U	0.0252	0.0275	**Y**
HPPG-F-103-B	ESUTU069B01	N				6/30/2021	0.0248 U	U	0.0212	0.0248	**Y**
HPPG-F-103-C	ESUTU069B01	N				6/30/2021	0.0284 U	UJ	0.0204	0.0284	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021	0.0276 U	U	0.0223	0.0276	**Y**
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021	0.0299 U	U	0.0249	0.0299	**Y**
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021	0.0361	J	0.0313	0.0322	**Y**
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021	0.0316 U	U	0.0238	0.0316	**Y**
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021	0.0451	J	0.0295	0.0288	**Y**
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021	0.0248 U	U	0.0238	0.0248	**Y**
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021	0.0340 U	UJ	0.0236	0.034	**Y**
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021	0.0294 U	U	0.0252	0.0294	**Y**
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021	0.0263 U	U	0.0246	0.0263	**Y**
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021	0.0300 U	U	0.0241	0.03	**Y**
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021	0.0241 U	U	0.02	0.0241	**Y**
HPPG-F-106-A	ESUTU069C11	N				7/1/2021	0.0334 U	U	0.0298	0.0334	**Y**
HPPG-F-106-B	ESUTU069C11	N				7/1/2021	0.0277 U	U	0.0256	0.0277	**Y**
HPPG-F-106-C	ESUTU069C11	N				7/1/2021	0.0277 U	U	0.0257	0.0277	**Y**
HPPG-F-106-D	ESUTU069C11	N				7/1/2021	0.0270 U	U	0.0238	0.027	**Y**
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021	0.0287 U	U	0.0275	0.0287	**Y**
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021	0.0249 U	U	0.0242	0.0249	**Y**
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021	0.0300 U	U	0.0275	0.03	**Y**
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021	0.0272 U	U	0.0229	0.0272	**Y**
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021	0.0405		0.0324	0.0339	**Y**
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021	0.0291 U	U	0.0239	0.0291	**Y**
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021	0.0269 U	U	0.0218	0.0269	**Y**
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021	0.0215 U	U	0.02	0.0215	**Y**
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021	0.0233 U	U	0.0219	0.0233	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021	0.0289 U	U	0.0251	0.0289	**Y**
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021	0.0241 U	U	0.0229	0.0241	**Y**
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021	0.0208 U	U	0.0163	0.0208	**Y**
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021	0.0269 U	U	0.0228	0.0269	**Y**
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021	0.0262 U	U	0.0206	0.0262	**Y**
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021	0.0228 U	UJ	0.0164	0.0228	**Y**
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021	0.0220 U	U	0.0213	0.022	**Y**
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021	0.0302 U	U	0.0264	0.0302	**Y**
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021	0.0322 U	U	0.0284	0.0322	**Y**
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021	0.0267 U	U	0.0238	0.0267	**Y**
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021	0.0283 U	U	0.0234	0.0283	**Y**
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021	0.0273 U	U	0.0257	0.0273	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021	0.0321 U	U	0.029	0.0321	**Y**
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021	0.0261 U	U	0.0232	0.0261	**Y**
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021	0.0305 U	U	0.0262	0.0305	**Y**
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021	0.0217 U	U	0.0177	0.0217	**Y**
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021	0.0270 U	U	0.0211	0.027	**Y**
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021	0.0293 U	U	0.0231	0.0293	**Y**
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021	0.0264 U	U	0.0215	0.0264	**Y**
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021	0.0266 U	U	0.0239	0.0266	**Y**
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021	0.0331		0.0285	0.0296	**Y**
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021	0.0283 U	U	0.0252	0.0283	**Y**
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021	0.0411 U	U	0.0318	0.0411	**Y**
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021	0.0319 U	U	0.0279	0.0319	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021	0.0302 U	U	0.0256	0.0302	**Y**
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021	0.0278 U	U	0.0218	0.0278	**Y**
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021	0.0311 U	U	0.0248	0.0311	**Y**
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021	0.0321 U	U	0.026	0.0321	**Y**
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021	0.0369		0.026	0.0259	**Y**
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021	0.0301 U	U	0.0254	0.0301	**Y**
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021	0.0301 U	U	0.0252	0.0301	**Y**
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021	0.0264 U	U	0.0208	0.0264	**Y**
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021	0.0294 U	U	0.0251	0.0294	**Y**
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021	0.0236 U	U	0.0213	0.0236	**Y**
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021	0.0280 U	U	0.023	0.028	**Y**
HPPG-F-096-A	ESUTU070B011	N				6/28/2021	0.0257 U	U	0.0206	0.0257	**Y**
HPPG-F-096-B	ESUTU070B011	N				6/28/2021	0.0218 U	U	0.0193	0.0218	**Y**
HPPG-F-096-C	ESUTU070B011	N				6/28/2021	0.0270 U	U	0.0222	0.027	**Y**
HPPG-F-096-D	ESUTU070B011	N				6/28/2021	0.0239 U	U	0.0205	0.0239	**Y**
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021	0.0261 U	U	0.0234	0.0261	**Y**
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021	0.0252 U	U	0.0222	0.0252	**Y**
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021	0.0275 U	U	0.0234	0.0275	**Y**
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021	0.0347		0.0263	0.0262	**Y**
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021	0.0262 U	U	0.0227	0.0262	**Y**
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021	0.0285 U	U	0.0218	0.0285	**Y**
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021	0.0270 U	U	0.0219	0.027	**Y**
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021	0.0277 U	U	0.0264	0.0277	**Y**
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021	0.0246 U	U	0.0234	0.0246	**Y**
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021	0.0330		0.0299	0.031	**Y**
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021	0.0370 U	U	0.0298	0.037	**Y**
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021	0.0336 U	U	0.0283	0.0336	**Y**
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021	0.0249 U	U	0.0209	0.0249	**Y**
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021	0.0226 U	U	0.0192	0.0226	**Y**
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021	0.0218 U	U	0.0191	0.0218	**Y**
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021	0.0315 U	U	0.0258	0.0315	**Y**
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021	0.0317 U	U	0.0286	0.0317	**Y**
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021	0.0266 U	U	0.024	0.0266	**Y**
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021	0.0275 U	U	0.0238	0.0275	**Y**
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021	0.0598		0.0278	0.025	**Y**
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021	0.0288 U	U	0.0261	0.0288	**Y**
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021	0.0220 U	U	0.0188	0.022	**Y**
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021	0.0265 U	U	0.0239	0.0265	**Y**
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021	0.0249 U	U	0.0206	0.0249	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021	0.0238 U	U	0.0212	0.0238	**Y**
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021	0.0353		0.0285	0.0288	**Y**
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021	0.0289 U	U	0.0256	0.0289	**Y**
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021	0.0355 U	U	0.0308	0.0355	**Y**
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021	0.0299 U	U	0.0241	0.0299	**Y**
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021	0.0276 U	U	0.0261	0.0276	**Y**
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021	0.0262		0.0228	0.0232	**Y**
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021	0.0347		0.0231	0.0221	**Y**
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023	0.0190 U	UJ	0.0206	0.019	**Y**
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023	0.0340	J	0.0345	0.0262	**Y**
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023	0.0171 U	U	0.0227	0.0171	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023	0.0199 U	U	0.0243	0.0199	**Y**
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023	0.0228	J	0.0278	0.021	**Y**
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023	0.0235 U	U	0.0284	0.0235	**Y**
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023	0.0295		0.0321	0.0241	**Y**
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023	0.0192 U	U	0.0233	0.0192	**Y**
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023	0.0202	J	0.0248	0.0184	**Y**
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023	0.0179 U	U	0.0221	0.0179	**Y**
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023	0.0192 U	UJ	0.0205	0.0192	**Y**
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023	0.0537	J	0.0316	0.0213	**Y**
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023	0.0178 U	U	0.0216	0.0178	**Y**
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023	0.0175 U	U	0.0218	0.0175	**Y**
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023	0.0166 U	U	0.0185	0.0166	**Y**
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023	0.0175 U	U	0.0213	0.0175	**Y**
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023	0.0276	J	0.0235	0.0166	**Y**
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023	0.0195 U	U	0.0226	0.0195	**Y**
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023	0.0201 U	U	0.0231	0.0201	**Y**
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023	0.0217 U	U	0.0251	0.0217	**Y**
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023	0.0273	J	0.0332	0.0253	**Y**
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023	0.0183 U	U	0.0211	0.0183	**Y**
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023	0.0179 U	U	0.0208	0.0179	**Y**
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023	0.0165 U	U	0.0186	0.0165	**Y**
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023	0.0178 U	U	0.0293	0.0226	**Y**
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023	-0.0317 U	UJ	0.0291	0.0265	**Y**
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023	-0.0067 U	U	0.0314	0.0263	**Y**
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023	0.0294		0.0244	0.0175	**Y**
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023	0.0197 U	U	0.0243	0.0197	**Y**
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023	0.0187 U	U	0.0231	0.0187	Y
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023	0.0183		0.0219	0.0163	Y
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023	0.0241		0.026	0.0191	Y
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023	0.0193 U	U	0.0251	0.0193	Y
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023	0.0275 U	U	0.0324	0.0275	Y
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023	0.0255 U	U	0.0295	0.0255	Y
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023	0.0207 U	U	0.0253	0.0207	Y
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023	0.0196 U	U	0.0247	0.0196	Y
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023	0.0263 U	UJ	0.0297	0.0263	Y
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023	0.0217 U	U	0.0265	0.0217	Y
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023	0.0200 U	U	0.0242	0.02	Y
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023	0.0486 U	UJ	0.0632	0.0486	Y
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023	0.0225 U	U	0.0265	0.0225	**Y**
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023	0.0206 U	U	0.0249	0.0206	**Y**
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023	0.0221 U	U	0.0268	0.0221	**Y**
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023	0.0183 U	U	0.021	0.0183	**Y**
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023	0.0156 U	U	0.0185	0.0156	**Y**
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023	0.0218 U	U	0.0281	0.0218	**Y**
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023	0.0222 U	U	0.0268	0.0222	**Y**
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023	0.0135 U	U	0.0174	0.0135	**Y**
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020	0.0297 U	U	0.0248	0.0297	**Y**
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020	0.0304 U	U	0.0245	0.0304	**Y**
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020	0.0298 U	U	0.0235	0.0298	**Y**
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020	0.0274 U	U	0.0209	0.0274	**Y**
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020	0.0375 U	U	0.0315	0.0375	**Y**
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020	0.0551		0.029	0.0267	**Y**
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020	0.0274 U	U	0.0233	0.0274	**Y**
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020	0.0266 U	UJ	0.0194	0.0266	**Y**
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020	0.0222 U	U	0.018	0.0222	**Y**
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021	0.0303 U	U	0.0257	0.0303	**Y**
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021	0.0216 U	U	0.0174	0.0216	**Y**
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021	0.0272 U	U	0.0214	0.0272	**Y**
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021	0.0216 U	U	0.0181	0.0216	**Y**
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021	0.0206 U	U	0.0167	0.0206	**Y**
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021	0.0319 U	U	0.0271	0.0319	**Y**
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021	0.0293 U	U	0.0239	0.0293	**Y**
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021	0.0320 U	U	0.0267	0.032	**Y**
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021	0.0292 U	UJ	0.0211	0.0292	**Y**
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021	0.0332 U	U	0.0279	0.0332	**Y**
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021	0.0306 U	U	0.0245	0.0306	**Y**
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021	0.0332 U	U	0.0288	0.0332	**Y**
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021	0.0263 U	U	0.0217	0.0263	**Y**
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021	0.0279 U	U	0.0243	0.0279	**Y**
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021	0.0296 U	U	0.0266	0.0296	**Y**
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021	0.0229 U	U	0.0206	0.0229	**Y**
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021	0.0316 U	U	0.024	0.0316	**Y**
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021	0.0316 U	U	0.0262	0.0316	**Y**
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021	0.0331 U	U	0.029	0.0331	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021	0.0262 U	U	0.0211	0.0262	**Y**
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021	0.0225 U	U	0.0193	0.0225	**Y**
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021	0.0249 U	U	0.0227	0.0249	**Y**
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021	0.0258		0.0237	0.0243	**Y**
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021	0.0249 U	U	0.0191	0.0249	**Y**
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021	0.0247 U	U	0.0226	0.0247	**Y**
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021	0.0249 U	U	0.0199	0.0249	**Y**
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021	0.0280 U	U	0.026	0.028	**Y**
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021	0.0293 U	U	0.0261	0.0293	**Y**
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021	0.0235 U	U	0.02	0.0235	**Y**
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021	0.0239 U	U	0.0192	0.0239	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021	0.0253 U	U	0.0237	0.0253	**Y**
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021	0.0325 U	U	0.0249	0.0325	**Y**
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021	0.0281 U	U	0.0243	0.0281	**Y**
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021	0.0262 U	U	0.022	0.0262	**Y**
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021	0.0328 U	U	0.0282	0.0328	**Y**
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021	0.0239 U	U	0.0223	0.0239	**Y**
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021	0.0293 U	U	0.0255	0.0293	**Y**
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021	0.0262 U	U	0.0238	0.0262	**Y**
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021	0.0266 U	U	0.0237	0.0266	**Y**
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021	0.0259 U	U	0.0244	0.0259	**Y**
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021	0.0262 U	U	0.0212	0.0262	**Y**
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021	0.0239 U		0.0208	0.0239	**Y**
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021	0.0234 U		0.022	0.0234	**Y**
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021	0.0363		0.0233	0.0224	**Y**
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021	0.0257 U	U	0.0235	0.0257	**Y**
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021	0.0202 U	U	0.0167	0.0202	**Y**
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021	0.0297 U	U	0.0276	0.0297	**Y**
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021	0.0299 U	U	0.0237	0.0299	**Y**
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021	0.0248 U	U	0.022	0.0248	**Y**
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021	0.0282 U	U	0.023	0.0282	**Y**
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021	0.0301 U	U	0.025	0.0301	**Y**
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021	0.0276 U	U	0.0241	0.0276	**Y**
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021	0.0274 U	U	0.0235	0.0274	**Y**
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021	0.0274 U	U	0.0257	0.0274	**Y**
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021	0.0312 U	U	0.024	0.0312	**Y**
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021	0.0260 U	U	0.0204	0.026	**Y**
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021	0.0285 U	U	0.0235	0.0285	**Y**
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021	0.0280 U	U	0.0243	0.028	**Y**
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021	0.0261 U	U	0.0236	0.0261	**Y**
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021	0.0292 U	U	0.0272	0.0292	**Y**
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021	0.0248 U	U	0.0208	0.0248	**Y**
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021	0.0248 U	U	0.0208	0.0248	**Y**
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021	0.0280 U	U	0.0239	0.028	**Y**
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021	0.0281 U	U	0.0231	0.0281	**Y**
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021	0.0291		0.0236	0.0241	**Y**
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021	0.0371		0.0242	0.0235	**Y**
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021	0.0229 U	U	0.0216	0.0229	**Y**
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021	0.0260 U	U	0.0218	0.026	**Y**
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021	0.0437		0.0309	0.0313	**Y**
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021	0.0226 U	U	0.0196	0.0226	**Y**
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021	0.0247 U	U	0.0215	0.0247	**Y**
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023	0.0533 U	U	0.0314	0.0533	**Y**
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023	0.0981		0.0342	0.0446	**Y**
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023	0.0311 U	U	0.0171	0.0311	**Y**
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023	0.0376 U	U	0.0205	0.0376	**Y**
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023	0.0378 U	U	0.0196	0.0378	**Y**
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023	0.0530		0.0296	0.044	**Y**
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023	0.0213 U	U	0.024	0.0213	**Y**
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023	0.0226 U	U	0.0285	0.0226	**Y**
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023	0.0171 U	U	0.0215	0.0171	**Y**
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023	0.0359 U	U	0.0169	0.0359	**Y**
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023	0.0468 U	U	0.0272	0.0468	**Y**
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023	0.0384 U	U	0.0234	0.0384	**Y**
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023	0.0385 U	U	0.0226	0.0385	**Y**
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023	0.0452 U	U	0.026	0.0452	**Y**
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023	0.0414 U	U	0.0218	0.0414	**Y**
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023	0.0211 U	UJ	0.0226	0.0211	**Y**
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023	0.0207 U	U	0.0258	0.0207	**Y**
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023	0.0243 U	U	0.0276	0.0243	**Y**
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023	0.0285		0.0291	0.0215	**Y**
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023	0.0212 U	U	0.0258	0.0212	**Y**
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023	0.0164 U	U	0.0184	0.0164	**Y**
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023	0.0283		0.0268	0.0199	**Y**
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023	0.0292		0.0278	0.0202	**Y**
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023	0.0367 U	U	0.0197	0.0367	**Y**
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023	0.0364 U	U	0.022	0.0364	**Y**
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023	0.0404 U	U	0.02	0.0404	**Y**
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023	0.0385 U	U	0.022	0.0385	**Y**
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023	0.0344 U	U	0.0203	0.0344	**Y**
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023	0.0394 U	U	0.0194	0.0394	**Y**
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023	0.0369 U	U	0.0206	0.0369	**Y**
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023	0.0139 U	U	0.0158	0.0139	**Y**
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023	0.0155 U	U	0.0183	0.0155	**Y**
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023	0.0141 U	UJ	0.0145	0.0141	**Y**
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023	0.0195 U	U	0.023	0.0195	**Y**
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023	0.0136 U	U	0.0162	0.0136	**Y**
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023	0.0153 U	U	0.0193	0.0153	**Y**
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023	0.0152 U	U	0.0199	0.0152	**Y**
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023	0.0158 U	U	0.0185	0.0158	**Y**
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020	0.0281 U	U	0.0231	0.0281	**Y**
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020	0.0271 U	U	0.0239	0.0271	**Y**
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020	0.0313 U	U	0.0277	0.0313	**Y**
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020	0.0282 U	U	0.0274	0.0282	**Y**
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020	0.0266 U	U	0.0244	0.0266	**Y**
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020	0.0282 U	U	0.0245	0.0282	**Y**
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020	0.0303 U	U	0.0242	0.0303	**Y**
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020	0.0251 U	U	0.0215	0.0251	**Y**
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020	0.0246 U		0.0217	0.0246	**Y**
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020	0.0240 U		0.0191	0.024	**Y**
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020	0.0237 U		0.0181	0.0237	**Y**
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020	0.0287 U	U	0.0244	0.0287	**Y**
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021	0.0361 U	U	0.03	0.0361	**Y**
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021	0.0268 U	U	0.0242	0.0268	**Y**
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021	0.0272 U	U	0.0222	0.0272	**Y**
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021	0.0305 U	U	0.0275	0.0305	**Y**
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021	0.0301 U	U	0.0231	0.0301	**Y**
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021	0.0249 U	U	0.0215	0.0249	**Y**
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021	0.0257 U	U	0.0234	0.0257	**Y**
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021	0.0228 U	U	0.0209	0.0228	**Y**
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021	0.0256 U	U	0.0227	0.0256	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021	0.0301 U	U	0.0237	0.0301	**Y**
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021	0.0253 U	U	0.0234	0.0253	**Y**
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021	0.0285 U	U	0.0246	0.0285	**Y**
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021	0.0239 U		0.0224	0.0239	**Y**
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021	0.0269 U		0.0234	0.0269	**Y**
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021	0.0236 U		0.018	0.0236	**Y**
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021	0.0241 U		0.0213	0.0241	**Y**
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021	0.0243 U	U	0.022	0.0243	**Y**
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021	0.0244 U	U	0.022	0.0244	**Y**
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021	0.0334		0.0251	0.0252	**Y**
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021	0.0274 U	U	0.0234	0.0274	**Y**
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021	0.0290 U	U	0.0252	0.029	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021	0.0284 U	U	0.0248	0.0284	**Y**
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021	0.0256 U	U	0.0238	0.0256	**Y**
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021	0.0247 U	U	0.0225	0.0247	**Y**
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021	0.0240 U	U	0.0218	0.024	**Y**
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021	0.0295 U	U	0.0249	0.0295	**Y**
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021	0.0287 U	U	0.0256	0.0287	**Y**
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021	0.0268 U	U	0.0229	0.0268	**Y**
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021	0.0285 U	U	0.0226	0.0285	**Y**
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021	0.0288 U	U	0.0237	0.0288	**Y**
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021	0.0301 U	U	0.0247	0.0301	**Y**
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021	0.0276 U	U	0.0235	0.0276	**Y**
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021	0.0270 U	U	0.0213	0.027	**Y**
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021	0.0383 U	U	0.0312	0.0383	**Y**
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021	0.0297 U	U	0.0258	0.0297	**Y**
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021	0.0239 U	U	0.0232	0.0239	**Y**
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021	0.0295 U	U	0.0248	0.0295	**Y**
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021	0.0237 U	U	0.0219	0.0237	**Y**
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021	0.0251 U	U	0.0197	0.0251	**Y**
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021	0.0562		0.0322	0.0311	**Y**
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021	0.0260 U	U	0.0246	0.026	**Y**
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021	0.0941		0.0352	0.0299	**Y**
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021	0.0298 U	U	0.0246	0.0298	**Y**
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021	0.0278 U	U	0.0217	0.0278	**Y**
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021	0.0321 U	U	0.0286	0.0321	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021	0.0322 U	U	0.0303	0.0322	**Y**
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021	0.0274 U	U	0.0239	0.0274	**Y**
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021	0.0276		0.0228	0.0226	**Y**
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021	0.0270 U	U	0.0206	0.027	**Y**
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021	0.0238 U	U	0.0188	0.0238	**Y**
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021	0.0298 U	UJ	0.0227	0.0298	**Y**
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021	0.0226 U	U	0.0187	0.0226	**Y**
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021	0.0292 U	U	0.0241	0.0292	**Y**
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021	0.0348 U	U	0.0274	0.0348	**Y**
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021	0.0340		0.0275	0.0281	**Y**
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021	0.0234 U	U	0.0184	0.0234	**Y**
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021	0.0275 U	U	0.024	0.0275	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021	0.0279 U	U	0.0224	0.0279	**Y**
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021	0.0254 U	U	0.0219	0.0254	**Y**
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021	0.0382	J	0.0274	0.0269	**Y**
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021	0.0359		0.0243	0.0237	**Y**
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021	0.0447		0.0273	0.0261	**Y**
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021	0.0294		0.0235	0.0234	**Y**
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021	0.0335 U	U	0.0279	0.0335	**Y**
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021	0.0274 U	U	0.0229	0.0274	**Y**
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021	0.0246 U	U	0.0215	0.0246	**Y**
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021	0.0273 U	U	0.0235	0.0273	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021	0.0259 U	U	0.0223	0.0259	**Y**
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021	0.0263 U	U	0.0205	0.0263	**Y**
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021	0.0251 U	U	0.0225	0.0251	**Y**
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021	0.0314 U	U	0.0283	0.0314	**Y**
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021	0.0305 U	U	0.0283	0.0305	**Y**
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021	0.0279 U	U	0.0248	0.0279	**Y**
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021	0.0270 U	U	0.0206	0.027	**Y**
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021	0.0237 U	U	0.0215	0.0237	**Y**
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021	0.0240 U	U	0.019	0.024	**Y**
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021	0.0244 U	U	0.0204	0.0244	**Y**
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021	0.0318 U	U	0.0265	0.0318	**Y**
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021	0.0280 U	U	0.0243	0.028	**Y**
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021	0.0256 U	U	0.0214	0.0256	**Y**
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021	0.0340		0.0265	0.0268	**Y**
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021	0.0269 U	U	0.0251	0.0269	**Y**
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021	0.0292 U	U	0.025	0.0292	**Y**
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021	0.0252 U	U	0.0239	0.0252	**Y**
HPPG-F-092-A	ESUTU095C011	N				6/22/2021	0.0251 U	U	0.0191	0.0251	**Y**
HPPG-F-092-B	ESUTU095C011	N				6/22/2021	0.0255 U	U	0.0212	0.0255	**Y**
HPPG-F-092-C	ESUTU095C011	N				6/22/2021	0.0252 U	U	0.0198	0.0252	**Y**
HPPG-F-092-D	ESUTU095C011	N				6/22/2021	0.0256 U	U	0.0227	0.0256	**Y**
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021	0.0268 U	U	0.0229	0.0268	**Y**
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021	0.0253 U	U	0.022	0.0253	**Y**
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021	0.0264		0.0228	0.0234	**Y**
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020	0.0251 U	U	0.0207	0.0251	**Y**
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020	0.0239 U	U	0.0209	0.0239	**Y**
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020	0.0358		0.0262	0.0262	**Y**
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020	0.0261 U	U	0.0219	0.0261	**Y**
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020	0.0264 U	U	0.0247	0.0264	**Y**
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021	0.0267 U	U	0.0237	0.0267	**Y**
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021	0.0226 U	U	0.019	0.0226	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021	0.0272 U	U	0.0233	0.0272	**Y**
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021	0.0245 U	U	0.0197	0.0245	**Y**
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021	0.0260 U	U	0.0225	0.026	**Y**
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021	0.0253		0.0223	0.0225	**Y**
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021	0.0243 U	U	0.0206	0.0243	**Y**
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021	0.0316		0.0234	0.0234	**Y**
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021	0.0275 U	U	0.0238	0.0275	**Y**
HPPG-F-089-A	ESUTU097C01	N				6/22/2021	0.0293 U	U	0.0253	0.0293	**Y**
HPPG-F-089-B	ESUTU097C01	N				6/22/2021	0.0257 U	UJ	0.019	0.0257	**Y**
HPPG-F-089-C	ESUTU097C01	N				6/22/2021	0.0247 U	U	0.0202	0.0247	**Y**
HPPG-F-089-D	ESUTU097C01	N				6/22/2021	0.0216 U	U	0.0203	0.0216	**Y**
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021	0.0256 U	U	0.022	0.0256	**Y**
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021	0.0267 U	U	0.0216	0.0267	**Y**
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021	0.0264 U	U	0.0215	0.0264	**Y**
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021	0.0267 U	U	0.0239	0.0267	**Y**
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021	0.0286 U	U	0.0253	0.0286	**Y**
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021	0.0264 U	U	0.0245	0.0264	**Y**
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021	0.0292 U	U	0.0253	0.0292	**Y**
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021	0.0259 U	U	0.0217	0.0259	**Y**
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021	0.0291 U	U	0.028	0.0291	**Y**
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021	0.0304 U	U	0.0263	0.0304	**Y**
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020	0.0223 U	U	0.0212	0.0223	**Y**
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020	0.0289 U	U	0.0247	0.0289	**Y**
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020	0.0254 U	U	0.0237	0.0254	**Y**
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020	0.0233 U	U	0.0202	0.0233	**Y**
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020	0.0242 U	U	0.0211	0.0242	**Y**
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020	0.0233 U	U	0.0223	0.0233	**Y**
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020	0.0225 U	U	0.0193	0.0225	**Y**
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020	0.0268 U	U	0.025	0.0268	**Y**
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020	0.0223 U	U	0.0194	0.0223	**Y**
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020	0.0263 U	U	0.0207	0.0263	**Y**
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020	0.0263 U	U	0.0234	0.0263	**Y**
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020	0.0324		0.0231	0.0229	**Y**
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020	0.0336 U	U	0.0289	0.0336	**Y**
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020	0.0303 U	U	0.0287	0.0303	**Y**
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020	0.0324 U	U	0.0292	0.0324	**Y**
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020	0.0324 U	U	0.0279	0.0324	**Y**
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020	0.0330 U	U	0.0308	0.033	**Y**
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020	0.0231 U	U	0.0182	0.0231	**Y**
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020	0.0316 U	U	0.0279	0.0316	**Y**
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020	0.0293 U	U	0.0272	0.0293	**Y**
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020	0.0260 U	U	0.0235	0.026	**Y**
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020	0.0298 U	U	0.0248	0.0298	**Y**
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020	0.0236 U	U	0.0211	0.0236	**Y**
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020	0.0295 U	U	0.0275	0.0295	**Y**
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020	0.0288 U	U	0.0243	0.0288	**Y**
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020	0.0331 U	U	0.0291	0.0331	**Y**
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020	0.0236 U	U	0.0215	0.0236	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020	0.0288 U	U	0.0231	0.0288	**Y**
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020	0.0311 U	U	0.026	0.0311	**Y**
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020	0.0253 U	U	0.0216	0.0253	**Y**
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020	0.0338 U	U	0.0304	0.0338	**Y**
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021	0.0364 U	U	0.0324	0.0364	**Y**
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021	0.0292 U	U	0.0269	0.0292	**Y**
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021	0.0278 U	U	0.0217	0.0278	**Y**
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021	0.0247 U	U	0.0193	0.0247	**Y**
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021	0.0234 U	U	0.0188	0.0234	**Y**
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021	0.0200 U	U	0.0153	0.02	**Y**
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021	0.0216 U	U	0.017	0.0216	**Y**
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021	0.0298 U	U	0.0247	0.0298	**Y**
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021	0.0316 U	U	0.0298	0.0316	**Y**
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021	0.0241 U	U	0.0201	0.0241	**Y**
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021	0.0259 U	U	0.0219	0.0259	**Y**
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021	0.0234 U	U	0.0215	0.0234	**Y**
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021	0.0309 U	U	0.0244	0.0309	**Y**
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021	0.0307 U	U	0.0242	0.0307	**Y**
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021	0.0325 U	U	0.0286	0.0325	**Y**
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021	0.0244 U	U	0.0207	0.0244	**Y**
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021	0.0252 U	U	0.0216	0.0252	**Y**
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021	0.0241 U	U	0.0185	0.0241	**Y**
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021	0.0287 U	U	0.0267	0.0287	**Y**
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021	0.0264 U	U	0.022	0.0264	**Y**
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021	0.0370		0.0291	0.0287	**Y**
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021	0.0269 U	U	0.0235	0.0269	**Y**
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021	0.0276 U	U	0.0227	0.0276	**Y**
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021	0.0246 U	U	0.0193	0.0246	**Y**
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021	0.0287 U	U	0.0254	0.0287	**Y**
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021	0.0249 U	U	0.0209	0.0249	**Y**
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021	0.0285 U	U	0.0252	0.0285	**Y**
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021	0.0400		0.027	0.0265	**Y**
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021	0.0315 U	U	0.0268	0.0315	**Y**
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021	0.0232 U	U	0.0197	0.0232	**Y**
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021	0.0280 U	U	0.0237	0.028	**Y**
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021	0.0333		0.0296	0.0306	**Y**
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021	0.0349 U	U	0.0331	0.0349	**Y**
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021	0.0313		0.029	0.0301	**Y**
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021	0.0287 U	U	0.0247	0.0287	**Y**
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021	0.0285 U	U	0.0253	0.0285	**Y**
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021	0.0220 U	U	0.017	0.022	**Y**
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021	0.0251 U	U	0.0213	0.0251	**Y**
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021	0.0242 U	U	0.02	0.0242	**Y**
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021	0.0233 U	U	0.0221	0.0233	**Y**
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021	0.0303 U	U	0.024	0.0303	**Y**
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021	0.0282 U	U	0.0244	0.0282	**Y**
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021	0.0274 U	U	0.0234	0.0274	**Y**
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021	0.0210 U	U	0.0189	0.021	**Y**
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021	0.0223 U	U	0.0204	0.0223	**Y**
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021	0.0264 U	U	0.0228	0.0264	**Y**
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021	0.0233 U	U	0.0194	0.0233	**Y**
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021	0.0278 U	U	0.0247	0.0278	**Y**
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021	0.0243 U	U	0.0224	0.0243	**Y**
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020	0.0313 U	U	0.0292	0.0313	**Y**
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020	0.0281 U	U	0.0261	0.0281	**Y**
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020	0.0304 U	U	0.0249	0.0304	**Y**
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020	0.0283 U	U	0.0243	0.0283	**Y**
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020	0.0299 U	U	0.0238	0.0299	**Y**
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020	0.0261 U	U	0.0239	0.0261	**Y**
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020	0.0261 U	U	0.022	0.0261	**Y**
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020	0.0253 U	U	0.0242	0.0253	**Y**
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020	0.0251 U	U	0.0225	0.0251	**Y**
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020	0.0334 U	U	0.0286	0.0334	**Y**
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020	0.0315 U	U	0.0287	0.0315	**Y**
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020	0.0367		0.0303	0.0309	**Y**
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020	0.0273 U	U	0.0247	0.0273	**Y**
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020	0.0251 U	U	0.0224	0.0251	**Y**
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020	0.0285 U	U	0.0231	0.0285	**Y**
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020	0.0272 U	U	0.0233	0.0272	**Y**
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020	0.0246 U	U	0.0206	0.0246	**Y**
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020	0.0279 U	U	0.0264	0.0279	**Y**
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020	0.0247 U	U	0.0236	0.0247	**Y**
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021	0.0205 U	U	0.0175	0.0205	**Y**
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021	0.0216 U	U	0.0183	0.0216	**Y**
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021	0.0210 U	U	0.0183	0.021	**Y**
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021	0.0238 U	U	0.0216	0.0238	**Y**
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021	0.0320 U	U	0.0296	0.032	**Y**
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021	0.0189 U	U	0.0173	0.0189	**Y**
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021	0.0277 U	U	0.0233	0.0277	**Y**
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021	0.0241 U	U	0.0217	0.0241	**Y**
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021	0.0306 U	U	0.0268	0.0306	**Y**
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021	0.0293 U	U	0.0267	0.0293	**Y**
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021	0.0257 U	U	0.0217	0.0257	**Y**
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021	0.0250 U	U	0.0221	0.025	**Y**
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021	0.0228 U	U	0.0205	0.0228	**Y**
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021	0.0240 U	U	0.0227	0.024	**Y**
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021	0.0352		0.0258	0.0259	**Y**
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021	0.0314 U	U	0.0286	0.0314	**Y**
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021	0.0438		0.0255	0.0243	**Y**
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021	0.0218 U	U	0.0201	0.0218	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021	0.0405		0.0266	0.0262	**Y**
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021	0.0251 U	U	0.0241	0.0251	**Y**
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021	0.0504		0.0279	0.0266	**Y**
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021	0.0245 U	U	0.02	0.0245	**Y**
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021	0.0262 U	UJ	0.0195	0.0262	**Y**
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021	0.0373 U	U	0.0316	0.0373	**Y**
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021	0.0274 U	U	0.0232	0.0274	**Y**
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021	0.0267 U	UJ	0.02	0.0267	**Y**
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021	0.0253 U	U	0.0222	0.0253	**Y**
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021	0.0328 U	U	0.0288	0.0328	**Y**
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021	0.0289 U	U	0.0248	0.0289	**Y**
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021	0.0249 U	U	0.0226	0.0249	**Y**
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021	0.0362 U	U	0.0329	0.0362	**Y**
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021	0.0234 U	U	0.0209	0.0234	**Y**
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021	0.0310 U	UJ	0.022	0.031	**Y**
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021	0.0254 U	U	0.0222	0.0254	**Y**
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021	0.0221 U	U	0.0202	0.0221	**Y**
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021	0.0267 U	U	0.0226	0.0267	**Y**
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021	0.0193 U	U	0.0174	0.0193	**Y**
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021	0.0286 U	U	0.0262	0.0286	**Y**
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021	0.0246 U	U	0.0203	0.0246	**Y**
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021	0.0259 U	U	0.0235	0.0259	**Y**
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021	0.0235	J	0.0227	0.0232	**Y**
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021	0.0254 U	U	0.0202	0.0254	**Y**
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021	0.0299 U	UJ	0.0217	0.0299	**Y**
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021	0.0282 U	U	0.0241	0.0282	**Y**
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021	0.0272 U	U	0.0229	0.0272	**Y**
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021	0.0399 U	U	0.037	0.0399	**Y**
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021	0.0287 U	U	0.0256	0.0287	**Y**
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021	0.0303 U	U	0.0265	0.0303	**Y**
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021	0.0292 U	U	0.0267	0.0292	**Y**
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021	0.0261 U		0.0216	0.0261	**Y**
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021	0.0425	J	0.0339	0.0348	**Y**
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021	0.0249		0.0212	0.0213	**Y**
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021	0.0384 U	U	0.0319	0.0384	**Y**
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021	0.0214 U	U	0.0198	0.0214	**Y**
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021	0.0239 U	UJ	0.0174	0.0239	**Y**
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021	0.0251 U	U	0.0225	0.0251	**Y**
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021	0.0287 U	U	0.023	0.0287	**Y**
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021	0.0238		0.0219	0.022	**Y**
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021	0.0518		0.0299	0.0284	**Y**
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021	0.0245	J	0.0231	0.0239	**Y**
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021	0.0249 U	U	0.0207	0.0249	**Y**
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021	0.0285 U	U	0.0254	0.0285	**Y**
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021	0.0282	J	0.026	0.0266	**Y**
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021	0.0243 U	U	0.0198	0.0243	**Y**
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021	0.0250 U	U	0.0209	0.025	**Y**
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021	0.0347	J	0.027	0.0274	**Y**
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021	0.0283 U	U	0.0241	0.0283	**Y**
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021	0.0275 U	U	0.0261	0.0275	**Y**
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021	0.0291 U	U	0.0261	0.0291	**Y**
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021	0.0432		0.026	0.0246	**Y**
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021	0.0331 U	U	0.0296	0.0331	**Y**
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021	0.0273 U	U	0.025	0.0273	**Y**
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021	0.0305 U	U	0.0268	0.0305	**Y**
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021	0.0276 U	U	0.0261	0.0276	**Y**
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021	0.0294 U	U	0.0271	0.0294	**Y**
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021	0.0315 U	U	0.0263	0.0315	**Y**
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021	0.0317 U	U	0.0251	0.0317	**Y**
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021	0.0295 U	U	0.0244	0.0295	**Y**
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021	0.0307 U	U	0.0259	0.0307	**Y**
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021	0.0292 U	UJ	0.0211	0.0292	**Y**
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021	0.0407		0.0333	0.035	**Y**
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021	0.0309 U	U	0.0281	0.0309	**Y**
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020	0.0241 U	U	0.0222	0.0241	**Y**
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020	0.0806		0.0362	0.0338	**Y**
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020	0.0310 U	U	0.0293	0.031	**Y**
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020	0.0259 U	U	0.0246	0.0259	**Y**
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020	0.0254		0.0216	0.0219	**Y**
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020	0.0317 U	U	0.0276	0.0317	**Y**
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020	0.0257 U	U	0.0238	0.0257	**Y**
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020	0.0290 U	U	0.0272	0.029	**Y**
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021	0.0215 U	U	0.0204	0.0215	**Y**
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021	0.0399	J	0.0247	0.0232	**Y**
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021	0.0890		0.0333	0.028	**Y**
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021	0.0338 U	U	0.0278	0.0338	**Y**
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021	0.0219 U	U	0.0212	0.0219	**Y**
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021	0.0205 U	U	0.0189	0.0205	**Y**
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021	0.0233 U	U	0.0216	0.0233	**Y**
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020	0.0310 U	U	0.0264	0.031	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020	0.0269 U	U	0.023	0.0269	Y
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020	0.0260 U	U	0.0214	0.026	Y
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020	0.0243 U	U	0.0199	0.0243	Y
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020	0.0245 U	U	0.0215	0.0245	Y
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020	0.0349		0.0258	0.0256	Y
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020	0.0274 U	U	0.0256	0.0274	Y
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020	0.0230 U	U	0.019	0.023	Y
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020	0.0252 U	U	0.0212	0.0252	Y
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020	0.0200 U	U	0.018	0.02	Y
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020	0.0282 U	U	0.0245	0.0282	Y
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020	0.0430		0.027	0.0262	Y
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020	0.0272 U	U	0.0246	0.0272	Y
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020	0.0251 U	U	0.0236	0.0251	Y
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020	0.0308 U	U	0.0263	0.0308	Y
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020	0.0305 U	U	0.0262	0.0305	Y
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020	0.0281 U	U	0.0249	0.0281	Y
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020	0.0323 U	U	0.028	0.0323	Y
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020	0.0268 U	U	0.0214	0.0268	Y
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020	0.0264 U	U	0.0239	0.0264	Y
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020	0.0244 U	U	0.0212	0.0244	Y
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020	0.0269 U	U	0.0255	0.0269	Y
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020	0.0192 U	U	0.0164	0.0192	Y
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020	0.0237 U	U	0.0188	0.0237	Y
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020	0.0283		0.0231	0.0232	Y
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020	0.0232 U	U	0.0187	0.0232	Y
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020	0.0253 U	U	0.0218	0.0253	Y
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020	0.0214 U	U	0.0175	0.0214	Y
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020	0.0205 U	U	0.0166	0.0205	Y
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020	0.0225		0.0212	0.0218	**Y**
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020	0.0236 U	U	0.0218	0.0236	**Y**
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020	0.0294 U	U	0.023	0.0294	**Y**
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020	0.0244 U	U	0.0202	0.0244	**Y**
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020	0.0217 U	U	0.0193	0.0217	**Y**
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020	0.0212 U	U	0.02	0.0212	**Y**
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020	0.0299 U	U	0.028	0.0299	**Y**
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023	0.0357		0.0267	0.0187	**Y**
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023	0.0170 U	U	0.02	0.017	**Y**
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023	0.0215 U	U	0.0252	0.0215	**Y**
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021	0.0240 U	U	0.0212	0.024	**Y**
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021	0.0258 U	U	0.0233	0.0258	**Y**
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021	0.0281 U	U	0.026	0.0281	**Y**
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021	0.0322		0.0273	0.0278	**Y**
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021	0.0315		0.0264	0.0273	**Y**
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021	0.0290 U	U	0.0224	0.029	**Y**
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021	0.0308 U	U	0.0291	0.0308	**Y**
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021	0.0335		0.0274	0.028	**Y**
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021	0.0237 U	U	0.0214	0.0237	**Y**
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021	0.0333		0.0262	0.0265	**Y**
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021	0.0205 U	U	0.0174	0.0205	**Y**
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021	0.0218 U	U	0.0203	0.0218	**Y**
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021	0.0238 U	U	0.0197	0.0238	**Y**
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021	0.0252 U	U	0.0225	0.0252	**Y**
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021	0.0251 U		0.0235	0.0251	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021	0.0260 U		0.021	0.026	**Y**
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021	0.0261 U	U	0.0238	0.0261	**Y**
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021	0.0279		0.0256	0.0266	**Y**
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021	0.0270 U	U	0.0254	0.027	**Y**
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021	0.0240 U	U	0.0197	0.024	**Y**
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021	0.0242 U	U	0.0208	0.0242	**Y**
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021	0.0287 U	U	0.0274	0.0287	**Y**
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021	0.0276 U	UJ	0.0209	0.0276	**Y**
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021	0.0211 U	U	0.0193	0.0211	**Y**
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021	0.0295 U	U	0.0238	0.0295	**Y**
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021	0.0299 U	U	0.0255	0.0299	**Y**
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021	0.0301 U	U	0.026	0.0301	**Y**
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021	0.0304 U	U	0.0248	0.0304	**Y**
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021	0.0287 U	U	0.0265	0.0287	**Y**
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021	0.0279 U	U	0.026	0.0279	**Y**
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021	0.0228 U	U	0.021	0.0228	**Y**
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021	0.0231 U	U	0.0221	0.0231	**Y**
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021	0.0278 U	U	0.0258	0.0278	**Y**
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021	0.0241 U	U	0.0222	0.0241	**Y**
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021	0.0241 U	U	0.0206	0.0241	**Y**
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021	0.0280 U	U	0.0254	0.028	**Y**
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021	0.0296	J	0.0265	0.0274	**Y**
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021	0.0316 U	U	0.0278	0.0316	**Y**
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021	0.0305 U	U	0.0251	0.0305	**Y**
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021	0.0370		0.0334	0.0354	**Y**
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021	0.0351 U	U	0.0312	0.0351	**Y**
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021	0.0302 U	U	0.0242	0.0302	**Y**
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021	0.0311 U	U	0.0287	0.0311	**Y**
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021	0.0280 U	U	0.0249	0.028	**Y**
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021	0.0261 U	U	0.0207	0.0261	**Y**
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021	0.0255 U	U	0.0235	0.0255	**Y**
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021	0.0252 U	U	0.0204	0.0252	**Y**
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021	0.0289 U	U	0.0255	0.0289	**Y**
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021	0.0286 U	U	0.0242	0.0286	**Y**
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021	0.0282 U	U	0.0243	0.0282	**Y**
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021	0.0266 U	U	0.0233	0.0266	**Y**
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021	0.0279 U	U	0.023	0.0279	**Y**
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021	0.0239 U	U	0.0191	0.0239	**Y**
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023	0.0197 U	U	0.0254	0.0197	**Y**
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023	0.0387		0.0328	0.0237	**Y**
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023	0.0280		0.0275	0.0202	**Y**
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023	0.0203 U	U	0.0243	0.0203	**Y**
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023	0.0184 U	U	0.0221	0.0184	**Y**
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023	0.0178 U	U	0.0215	0.0178	**Y**
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023	0.0232 U	U	0.0277	0.0232	**Y**
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023	0.0205 U	U	0.0259	0.0205	**Y**
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023	0.0386 U	U	0.0443	0.0386	**Y**
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023	0.0180 U	U	0.0222	0.018	**Y**
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023	0.0186 U	UJ	0.02	0.0186	**Y**
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023	0.0205 U	UJ	0.0222	0.0205	**Y**
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023	0.0869		0.0317	0.0186	**Y**
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023	0.0184 U	U	0.0243	0.0184	**Y**
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023	0.0191 U	U	0.0241	0.0191	**Y**
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023	0.0186 U	U	0.0235	0.0186	**Y**
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023	0.0165 U	U	0.0192	0.0165	**Y**
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021	0.0289 U	U	0.0248	0.0289	**Y**
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021	0.0320 U	U	0.0272	0.032	**Y**
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021	0.0305 U	U	0.0263	0.0305	**Y**
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021	0.0297 U	U	0.0235	0.0297	**Y**
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021	0.0430	J	0.0292	0.029	**Y**
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021	0.0341	J	0.0302	0.0313	**Y**
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021	0.0317 U	U	0.0286	0.0317	**Y**
HPPG-F-127-A	SFUTU077B11	N				7/15/2021	0.0272 U	U	0.0256	0.0272	**Y**
HPPG-F-127-B	SFUTU077B11	N				7/15/2021	0.0261 U	U	0.0214	0.0261	**Y**
HPPG-F-127-C	SFUTU077B11	N				7/15/2021	0.0376 U	U	0.0308	0.0376	**Y**
HPPG-F-127-D	SFUTU077B11	N				7/15/2021	0.0318 U	U	0.0293	0.0318	**Y**
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021	0.0462	J	0.0283	0.0272	**Y**
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021	0.0311 U	U	0.028	0.0311	**Y**
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021	0.0328 U	U	0.0302	0.0328	**Y**
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021	0.0234 U	U	0.0223	0.0234	**Y**
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021	0.0281 U	U	0.0226	0.0281	**Y**
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021	0.0446		0.0288	0.0284	**Y**
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021	0.0276 U	U	0.0232	0.0276	**Y**
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021	0.0253 U	U	0.022	0.0253	**Y**
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021	0.0411		0.0252	0.024	**Y**
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021	0.0253		0.0227	0.0234	**Y**
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021	0.0240 U	U	0.02	0.024	**Y**
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021	0.0253 U	U	0.0202	0.0253	**Y**
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021	0.0287 U		0.0233	0.0287	**Y**
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021	0.0278 U		0.0258	0.0278	**Y**
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021	0.0374		0.0333	0.0348	**Y**
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021	0.0293 U	U	0.0267	0.0293	**Y**
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021	0.0298 U	U	0.0277	0.0298	**Y**
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021	0.0288 U	U	0.0268	0.0288	**Y**
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021	0.0279 U	U	0.0244	0.0279	**Y**
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021	0.0322 U	U	0.0306	0.0322	**Y**
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021	0.0311 U	U	0.0273	0.0311	**Y**
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023	0.0425 U	U	0.0217	0.0425	**Y**
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023	0.0450 U	U	0.0244	0.045	**Y**
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023	0.0458 U	U	0.0245	0.0458	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023	0.0453 U	U	0.0246	0.0453	**Y**
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023	0.0218 U	U	0.025	0.0218	**Y**
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023	0.0248 U	U	0.0297	0.0248	**Y**
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023	0.0873		0.0374	0.0242	**Y**
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023	0.0142 U	U	0.018	0.0142	**Y**
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023	0.0181 U	U	0.0236	0.0181	**Y**
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023	0.0155 U	UJ	0.0171	0.0155	**Y**
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023	0.0283		0.0209	0.0147	**Y**
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023	0.0160 U	U	0.0188	0.016	**Y**
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023	0.0279 U	U	0.0317	0.0279	**Y**
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023	0.0231 U	U	0.0292	0.0231	**Y**
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023	0.0184 U	U	0.0223	0.0184	**Y**
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021	0.0250 U	U	0.02	0.025	**Y**
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021	0.0253 U	U	0.0198	0.0253	**Y**
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021	0.0274 U	U	0.023	0.0274	**Y**
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021	0.0308 U	U	0.0239	0.0308	**Y**
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021	0.0315 U	U	0.028	0.0315	**Y**
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021	0.0254 U	U	0.0227	0.0254	**Y**
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021	0.0260 U	U	0.0229	0.026	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021	0.0270 U	U	0.0231	0.027	**Y**
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021	0.0282		0.0222	0.0222	**Y**
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021	0.0234 U	U	0.0211	0.0234	**Y**
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021	0.0323		0.0234	0.0228	**Y**
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021	0.0205 U	U	0.0165	0.0205	**Y**
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021	0.0271 U		0.0216	0.0271	**Y**
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021	0.0265 U		0.02	0.0265	**Y**
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021	0.0278 U		0.0247	0.0278	**Y**
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021	0.0256 U		0.0218	0.0256	**Y**
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021	0.0321 U		0.0286	0.0321	**Y**
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021	0.0222 U	U	0.017	0.0222	**Y**
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021	0.0242 U	U	0.0217	0.0242	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021	0.0236 U	U	0.0184	0.0236	Y
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021	0.0322		0.0245	0.0248	Y
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021	0.0225 U	U	0.0195	0.0225	Y
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021	0.0241 U	U	0.0219	0.0241	Y
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021	0.0295 U	U	0.0255	0.0295	Y
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021	0.0284 U		0.0269	0.0284	Y
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021	0.0242 U		0.0194	0.0242	Y
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021	0.0272 U		0.0223	0.0272	Y
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021	0.0258 U		0.0219	0.0258	Y
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021	0.0315 U	U	0.0264	0.0315	Y
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021	0.0230 U	U	0.021	0.023	Y
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021	0.0258 U	U	0.0229	0.0258	Y
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021	0.0275 U	U	0.0259	0.0275	Y
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021	0.0237 U		0.0212	0.0237	Y
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021	0.0274 U	U	0.0227	0.0274	**Y**
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021	0.0308 U	U	0.0254	0.0308	**Y**
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021	0.0277 U	U	0.0215	0.0277	**Y**
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021	0.0292		0.0269	0.028	**Y**
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021	0.0362		0.027	0.0272	**Y**
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021	0.0293		0.0231	0.0237	**Y**
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021	0.0402		0.0252	0.0244	**Y**
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021	0.0237 U	U	0.0214	0.0237	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021	0.0279 U	U	0.0244	0.0279	**Y**
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021	0.0275 U	U	0.0241	0.0275	**Y**
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021	0.0243 U	U	0.0209	0.0243	**Y**
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021	0.0351		0.0241	0.0238	**Y**
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021	0.0289 U	UJ	0.0221	0.0289	**Y**
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021	0.0306		0.026	0.027	**Y**
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021	0.0297 U	U	0.0278	0.0297	**Y**
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021	0.0362 U	U	0.0322	0.0362	**Y**
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021	0.0288 U	U	0.0236	0.0288	**Y**
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021	0.0330 U	U	0.0287	0.033	**Y**
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021	0.0330 U	U	0.0277	0.033	**Y**
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021	0.0347 U	U	0.0314	0.0347	**Y**
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021	0.0228 U	U	0.0206	0.0228	**Y**
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021	0.0238 U	U	0.023	0.0238	**Y**
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021	0.0274 U	U	0.0235	0.0274	**Y**
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021	0.0290 U	U	0.023	0.029	**Y**
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021	0.0364 U	U	0.0322	0.0364	**Y**
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021	0.0248 U	U	0.0238	0.0248	**Y**
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021	0.0280 U	U	0.0212	0.028	**Y**
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021	0.0282 U	U	0.0223	0.0282	**Y**
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021	0.0271 U	UJ	0.0202	0.0271	**Y**
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021	0.0302 U	U	0.0251	0.0302	**Y**
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021	0.0330 U	U	0.0282	0.033	**Y**
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021	0.0270 U	U	0.0254	0.027	**Y**
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021	0.0261 U	U	0.0212	0.0261	**Y**
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021	0.0310 U	U	0.0283	0.031	**Y**
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020	0.0242 U	U	0.0206	0.0242	**Y**
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020	0.0313 U	U	0.0249	0.0313	**Y**
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020	0.0288 U	U	0.026	0.0288	**Y**
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020	0.0281 U	U	0.0234	0.0281	**Y**
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020	0.0365		0.0304	0.0314	**Y**
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020	0.0307 U	U	0.0252	0.0307	**Y**
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020	0.0225 U	U	0.0196	0.0225	**Y**
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020	0.0263 U	U	0.022	0.0263	**Y**
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020	0.0346 U	U	0.0309	0.0346	**Y**
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020	0.0280 U	U	0.0243	0.028	**Y**
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020	0.0257 U	U	0.0224	0.0257	**Y**
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020	0.0235 U	U	0.0201	0.0235	**Y**
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020	0.0265 U	U	0.0248	0.0265	**Y**
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021	0.0239 U	U	0.021	0.0239	**Y**
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021	0.0312 U	U	0.0283	0.0312	**Y**
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021	0.0259 U	UJ	0.0191	0.0259	**Y**
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021	0.0289 U	U	0.0252	0.0289	**Y**
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021	0.0253 U	U	0.0224	0.0253	**Y**
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021	0.0242 U	U	0.0203	0.0242	**Y**
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021	0.0278 U	U	0.0266	0.0278	**Y**
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021	0.0279 U	U	0.0239	0.0279	**Y**
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021	0.0230 U	U	0.0215	0.023	**Y**
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021	0.0274 U	U	0.0223	0.0274	**Y**
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021	0.0253 U	U	0.0228	0.0253	**Y**
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021	0.0254 U	U	0.0218	0.0254	**Y**
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021	0.0238 U	U	0.0205	0.0238	**Y**
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021	0.0483	J+	0.0359	0.0372	**Y**
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021	0.0246 U	UJ	0.0219	0.0246	**Y**
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021	0.0437	J	0.0257	0.0242	**Y**
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021	0.0294 U	UJ	0.026	0.0294	**Y**
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021	0.0279	J	0.0257	0.0267	**Y**
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021	0.0277 U	U	0.0234	0.0277	**Y**
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021	0.0253 U	U	0.0221	0.0253	**Y**
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021	0.0254 U	U	0.0233	0.0254	**Y**
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021	0.0251 U	U	0.0208	0.0251	**Y**
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021	0.0258 U	U	0.0225	0.0258	**Y**
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021	0.0271 U	U	0.0239	0.0271	**Y**
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021	0.0270 U	U	0.0243	0.027	**Y**
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021	0.0096 U	U	0.00909	0.00963	**Y**
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021	0.0391		0.0244	0.0233	**Y**
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021	0.0272 U	U	0.0249	0.0272	**Y**
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021	0.0239 U	U	0.0218	0.0239	**Y**
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021	0.0346		0.0262	0.0264	**Y**
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021	0.0261 U	U	0.0246	0.0261	**Y**
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021	0.0238		0.0225	0.023	**Y**
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020	0.0271 U	U	0.022	0.0271	**Y**
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020	0.0248 U	U	0.0189	0.0248	**Y**
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020	0.0278 U	U	0.0239	0.0278	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020	0.0249 U	U	0.0211	0.0249	**Y**
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020	0.0239 U	U	0.0214	0.0239	**Y**
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020	0.0297 U	U	0.0262	0.0297	**Y**
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020	0.0263 U	U	0.0252	0.0263	**Y**
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020	0.0274 U	U	0.0245	0.0274	**Y**
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020	0.0260 U	U	0.0222	0.026	**Y**
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020	0.0302 U	U	0.0263	0.0302	**Y**
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021	0.0284 U	U	0.0253	0.0284	**Y**
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021	0.0255 U		0.0206	0.0255	**Y**
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021	0.0288 U		0.0241	0.0288	**Y**
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021	0.0271 U	U	0.0238	0.0271	**Y**
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021	0.0262 U	U	0.0206	0.0262	**Y**
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021	0.0345		0.021	0.0195	**Y**
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021	0.0235 U	U	0.0225	0.0235	**Y**
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021	0.0244 U	U	0.0209	0.0244	**Y**
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021	0.0225 U	U	0.019	0.0225	**Y**
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021	0.0256 U	U	0.0231	0.0256	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021	0.0254 U	U	0.0229	0.0254	**Y**
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021	0.0231 U	U	0.0209	0.0231	**Y**
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021	0.0391	J	0.027	0.0264	**Y**
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021	0.0341 U	U	0.027	0.0341	**Y**
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021	0.0255 U	U	0.021	0.0255	**Y**
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021	0.0216 U	U	0.0179	0.0216	**Y**
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021	0.0204 U	U	0.0167	0.0204	**Y**
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021	0.0271 U	U	0.0239	0.0271	**Y**
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021	0.0273 U	U	0.0259	0.0273	**Y**
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021	0.0239 U	U	0.0226	0.0239	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021	0.0230 U	U	0.0215	0.023	**Y**
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021	0.0267 U	U	0.0244	0.0267	**Y**
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021	0.0248		0.0228	0.023	**Y**
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021	0.0224 U	U	0.0203	0.0224	**Y**
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021	0.0237 U	U	0.0208	0.0237	**Y**
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021	0.0278 U	U	0.0255	0.0278	**Y**
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021	0.0269 U	U	0.0226	0.0269	**Y**
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021	0.0262 U	U	0.0246	0.0262	**Y**
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021	0.0309 U	U	0.0267	0.0309	**Y**
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021	0.0225 U	U	0.0176	0.0225	**Y**
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021	0.0202 U	U	0.0184	0.0202	**Y**

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021	0.0282 U	U	0.027	0.0282	**Y**
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021	0.0285 U	U	0.0221	0.0285	**Y**
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021	0.0271 U	U	0.0245	0.0271	**Y**
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021	0.0261 U	U	0.0226	0.0261	**Y**
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021	0.0317 U	U	0.0263	0.0317	**Y**
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021	0.0294 U	U	0.0269	0.0294	**Y**
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021	0.0301 U	U	0.0241	0.0301	**Y**
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021	0.0220 U	U	0.0186	0.022	**Y**
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021	0.0294 U	U	0.0261	0.0294	**Y**
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021	0.0233		0.0217	0.0221	**Y**
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021	0.0607		0.0361	0.0352	**Y**
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021	0.0267		0.024	0.0246	**Y**
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021	0.0251 U	U	0.0218	0.0251	**Y**
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021	0.0236 U	U	0.0204	0.0236	**Y**
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021	0.0322 U	U	0.0289	0.0322	**Y**
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021	0.0253 U	U	0.0228	0.0253	**Y**
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021	0.0280 U	U	0.0259	0.028	**Y**
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021	0.0286 U	U	0.024	0.0286	**Y**
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021	0.0269 U	U	0.0223	0.0269	**Y**
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021	0.0621		0.0283	0.0254	**Y**
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021	0.0293 U	U	0.0239	0.0293	**Y**
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021	0.0332 U	U	0.0296	0.0332	**Y**
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021	0.0269 U	U	0.0242	0.0269	**Y**
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021	0.0242 U	U	0.0207	0.0242	**Y**
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021	0.0289 U	U	0.0251	0.0289	**Y**
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021	0.0243 U	U	0.0202	0.0243	**Y**
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021	0.0268 U	U	0.0256	0.0268	**Y**
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021	0.0275 U	U	0.0232	0.0275	**Y**
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021	0.0466 U	U	0.0376	0.0466	**Y**
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020	0.0287 U	U	0.0269	0.0287	**Y**
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020	0.0258 U	U	0.0207	0.0258	**Y**
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020	0.0276 U	U	0.022	0.0276	**Y**
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 2: Strontium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020	0.0276 U	U	0.0228	0.0276	**Y**
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020	0.0287 U	U	0.0242	0.0287	**Y**
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020	0.0240 U	U	0.0214	0.024	**Y**
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020	0.0281		0.0249	0.0255	**Y**
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020	0.0275 U	U	0.0258	0.0275	**Y**

Table 2: Stronium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method

Notes:
** Negative results are reported when the sample counts are lower than instrument background counts.
Red text indicates the sample result exceeds the Sr-90 RG (0.331 pCi/g).
DLC - decision level concentration
EPA - U.S. Environmental Protection Agency
ESU - excavation soil unit
FD - field duplicate sample
HPPG - Hunters Point Parcel G
J - estimated
J+ - potential high bias
LQ - lab qualifier
N - normal field sample
N/A - not applicable
pCi/g - picocuries per gram
R - rejected, data are unusable
RSY - radiological screening yard
SFU - sidewall and floor survey unit
SU - survey unit
TU - trench unit
U - not detected at or below the decision level concentration
UJ - material analyzed but not detected, reported quantitation limit is approximate
VQ - validation qualifier
Y - yes

Table 3: Decision Level Concentrations and Total Propagated Uncertainties

Method	Parameter	No. of Samples	DLC			TPU		
			Value Range (pCi/G)	% of RG	No. of Samples Above Target Range (%)	Value Range (pCi/G)	% of RG	No. of Samples Above Target Range (%)
MARSSIM/MARLAP Guidance Target Ranges			0.017–0.086	5%–25%	--	0.033–0.099	10%–30%	--
EPA Method 905	Strontium-90	788	0.053–1.3	16%–400%	785 (99.6%)	0.049–1.2	15%–350%	787 (99.9%)
EPA Method 905	Total Beta Strontium	234	0.034–0.16	10%–48%	44 (18.8%)	0.045–0.19	14%–57%	12 (5.13%)
Eichrom Method	Strontium-90	950	0.0039–0.11	1%–34%	17 (1.8%)	0.046–0.12	14%–37%	18 (1.9%)
Eichrom Method	Total Beta Strontium	1,017	0.0096–0.11	3%–32%	1 (0.098%)	0.0091–0.091	3%–28%	0 (0%)

Notes:
% - percent
DLC - Decision Level Concentration
EPA - U.S. Environmental Protection Agency
MARLAP - Multi-Agency Radiological Laboratory Analytical Protocols
MARSSIM - Multi-Agency Radiation Survey and Site Investigation Manual
pCi/g - picocurie per gram
RG - remedial goal, 0.331 pCi/g for strontium-90
TPU - total propagated uncertainty

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Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-ESU-TU069A-011	ESUTU069A011	N	06/28/2021	pCi/g	0.0111	U	0.173	0.141	--	--	--	--
HPPG-F-098	ESUTU069A011	FD	06/28/2021	pCi/g	0.4850		0.217	0.14	--	--	--	--
HPPG-F-098-A	ESUTU069A011	Quad	06/28/2021	pCi/g	0.1950		0.17	0.12	0.0441	U	0.0669	0.0512
HPPG-F-098-B	ESUTU069A011	Quad	06/28/2021	pCi/g	0.1860		0.166	0.12	0.1140		0.0732	0.0504
HPPG-F-098-C	ESUTU069A011	Quad	06/28/2021	pCi/g	0.0187	U	0.149	0.12	0.1210		0.0739	0.0504
HPPG-F-098-D	ESUTU069A011	Quad	06/28/2021	pCi/g	0.2190		0.183	0.132	0.0122	U	0.0664	0.0536
HPPG-ESU-TU069B-001	ESUTU069B01	N	06/30/2021	pCi/g	-0.0888	U	0.17	0.146	--	--	--	--
HPPG-F-103	ESUTU069B01	FD	06/30/2021	pCi/g	0.1160	U	0.181	0.139	--	--	--	--
HPPG-F-103LR	ESUTU069B01	LR	06/30/2021	pCi/g	0.3375		0.177	0.117	--	--	--	--
HPPG-F-103-A	ESUTU069B01	Quad	06/30/2021	pCi/g	0.1960		0.192	0.139	-0.0826	U	0.0632	0.0836
HPPG-F-103-B	ESUTU069B01	Quad	06/30/2021	pCi/g	0.1390		0.179	0.135	0.0937		0.0821	0.0867
HPPG-F-103-C	ESUTU069B01	Quad	06/30/2021	pCi/g	0.2180		0.228	0.17	-0.0413	U	0.0583	0.0729
HPPG-F-103-D	ESUTU069B01	Quad	06/30/2021	pCi/g	-0.1140	U	0.195	0.17	0.1730		0.0963	0.0957
HPPG-ESU-TU069C-011	ESUTU069C11	N	07/01/2021	pCi/g	0.0165	U	0.175	0.143	--	--	--	--
HPPG-F-106	ESUTU069C11	FD	07/01/2021	pCi/g	0.3380		0.21	0.146	--	--	--	--
HPPG-F-106-A	ESUTU069C11	Quad	07/01/2021	pCi/g	0.1680	U	0.195	0.209	0.0961		0.0709	0.0711
HPPG-F-106-B	ESUTU069C11	Quad	07/01/2021	pCi/g	0.2570		0.197	0.199	0.0986		0.0791	0.0811
HPPG-F-106-C	ESUTU069C11	Quad	07/01/2021	pCi/g	0.0653	U	0.242	0.275	-0.0206	U	0.0542	0.066
HPPG-F-106-D	ESUTU069C11	Quad	07/01/2021	pCi/g	0.2040	U	0.227	0.244	0.0465	U	0.0731	0.08
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	07/06/2021	pCi/g	0.3650		0.246	0.176	--	--	--	--
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	Quad	07/06/2021	pCi/g	0.2360		0.188	0.193	0.0433	U	0.065	0.0706
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	Quad	07/06/2021	pCi/g	0.1130	U	0.198	0.218	0.1510		0.0913	0.0912
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	Quad	07/06/2021	pCi/g	-0.0496	U	0.227	0.27	0.1560		0.111	0.114
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	Quad	07/06/2021	pCi/g	0.1520	U	0.177	0.187	0.0388	U	0.0668	0.073
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	08/23/2021	pCi/g	0.7400		0.515	0.363	--	--	--	--
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	Quad	08/23/2021	pCi/g	0.0920	U	0.152	0.166	0.1240		0.0675	0.0618
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	Quad	08/23/2021	pCi/g	-0.1220	U	0.242	0.295	0.0378	U	0.0711	0.0786
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	Quad	08/23/2021	pCi/g	-0.0386	U	0.312	0.368	0.1300		0.0758	0.0737
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	Quad	08/23/2021	pCi/g	-0.0220	U	0.163	0.192	0.1670		0.0768	0.0696
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	07/22/2021	pCi/g	0.3720		0.213	0.144	--	--	--	--
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	Quad	07/22/2021	pCi/g	0.4270		0.228	0.217	-0.1730	U	0.052	0.0813
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	Quad	07/22/2021	pCi/g	0.8550		0.26	0.209	0.0123	U	0.0781	0.0897
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	Quad	07/22/2021	pCi/g	0.2160		0.175	0.178	0.0808		0.0734	0.0765
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	Quad	07/22/2021	pCi/g	0.2870		0.251	0.262	-0.0496	U	0.0786	0.0972
HPPG-ESU-TU070B-011	ESUTU070B011	N	06/28/2021	pCi/g	0.0291	UJ	0.173	0.14	--	--	--	--

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-F-096	ESUTU070B011	FD	06/28/2021	pCi/g	0.4760	J	0.29	0.2	--	--	--	--
HPPG-F-096-A	ESUTU070B011	Quad	06/28/2021	pCi/g	0.1470		0.188	0.141	-0.0378	U	0.0726	0.063
HPPG-F-096-B	ESUTU070B011	Quad	06/28/2021	pCi/g	0.0534	U	0.147	0.116	0.0059	U	0.0611	0.0498
HPPG-F-096-C	ESUTU070B011	Quad	06/28/2021	pCi/g	-0.0592	U	0.146	0.126	-0.0013	U	0.052	0.0429
HPPG-F-096-D	ESUTU070B011	Quad	06/28/2021	pCi/g	-0.1130	U	0.164	0.144	-0.0254	U	0.0593	0.051
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	07/29/2021	pCi/g	0.4020		0.196	0.126				
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	Quad	07/29/2021	pCi/g	0.1870	U	0.217	0.234	0.0508	U	0.0615	0.0646
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	Quad	07/29/2021	pCi/g	0.3550		0.236	0.24	-0.0032	U	0.0657	0.0769
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	Quad	07/29/2021	pCi/g	0.2420		0.205	0.21	0.1070		0.0772	0.0777
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	Quad	07/29/2021	pCi/g	0.1770	U	0.182	0.192	0.1560		0.0822	0.0794
HPPG-ESU-TU077C-001	ESUTU077C01	N	06/15/2021	pCi/g	0.3520		0.254	0.178	--	--	--	--
HPPG-F-081	ESUTU077C01	FD	06/15/2021	pCi/g	-0.0105	U	0.157	0.13	--	--	--	--
HPPG-ESU-TU077C-001-A	ESUTU077C01	Quad	06/15/2021	pCi/g	0.4320		0.25	0.24	0.0451	U	0.0744	0.0813
HPPG-ESU-TU077C-001-B	ESUTU077C01	Quad	06/15/2021	pCi/g	0.3460		0.218	0.216	0.0156	U	0.075	0.0856
HPPG-ESU-TU077C-001-C	ESUTU077C01	Quad	06/15/2021	pCi/g	NA[1]				-0.0317	U	0.125	0.15
HPPG-ESU-TU077C-001-D	ESUTU077C01	Quad	06/15/2021	pCi/g	0.3330		0.179	0.168	0.0651	U	0.0744	0.0792
HPPG-ESU-TU077C-021	ESUTU077C21	N	06/15/2021	pCi/g	0.3350		0.261	0.185				
HPPG-ESU-TU077C-021-A	ESUTU077C21	Quad	06/15/2021	pCi/g	0.1250	U	0.468	0.531	0.1540	U	0.15	0.158
HPPG-ESU-TU077C-021-B	ESUTU077C21	Quad	06/15/2021	pCi/g	0.3140		0.216	0.216	0.0192	U	0.0736	0.0834
HPPG-ESU-TU077C-021-C	ESUTU077C21	Quad	06/15/2021	pCi/g	0.1770	U	0.293	0.318	-0.0335	U	0.111	0.133
HPPG-ESU-TU077C-021-D	ESUTU077C21	Quad	06/15/2021	pCi/g	0.1510	U	0.192	0.206	0.0570	U	0.0827	0.0903
HPPG-ESU-TU077D-001	ESUTU077D001	N	06/02/2021	pCi/g	0.0363	U	0.156	0.125	--	--	--	--
HPPG-ESU-TU077D-001LR	ESUTU077D001	LR	06/02/2021	pCi/g	0.3464		0.189	0.128	--	--	--	--
HPPG-ESU-TU077D-001-A	ESUTU077D001	Quad	06/02/2021	pCi/g	0.0794	U	0.205	0.162	0.0836	U	0.0846	0.0904
HPPG-ESU-TU077D-001-B	ESUTU077D001	Quad	06/02/2021	pCi/g	-0.1490	U	0.203	0.179	0.0831		0.0689	0.0699
HPPG-ESU-TU077D-001-C	ESUTU077D001	Quad	06/02/2021	pCi/g	0.0061	U	0.23	0.189	0.1280		0.093	0.096
HPPG-ESU-TU077D-001-D	ESUTU077D001	Quad	06/02/2021	pCi/g	0.1030	U	0.225	0.175	0.1380		0.11	0.115
HPPG-ESU-TU077D-011	ESUTU077D011	N	06/02/2021	pCi/g	0.3520		0.331	0.243	--	--	--	--
HPPG-ESU-TU077D-011-A	ESUTU077D011	Quad	06/02/2021	pCi/g	0.0270	U	0.216	0.175	0.0588	U	0.0905	0.0694
HPPG-ESU-TU077D-011-B	ESUTU077D011	Quad	06/02/2021	pCi/g	0.0315	U	0.159	0.128	0.0816		0.0708	0.0514
HPPG-ESU-TU077D-011-C	ESUTU077D011	Quad	06/02/2021	pCi/g	-0.0675	U	0.157	0.135	0.0928		0.0752	0.0546
HPPG-ESU-TU077D-011-D	ESUTU077D011	Quad	06/02/2021	pCi/g	-0.0500	U	0.448	0.372	0.1660		0.189	0.144
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	08/25/2021	pCi/g	0.7850		0.196	0.0532	--	--	--	--
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	Quad	08/25/2021	pCi/g	-0.0494	U	0.121	0.148	0.0866		0.0629	0.0647
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	Quad	08/25/2021	pCi/g	0.1010	U	0.139	0.149	0.1320		0.0759	0.0762

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	Quad	08/25/2021	pCi/g	0.3170		0.195	0.13	0.0656		0.0565	0.0589
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	Quad	08/25/2021	pCi/g	0.3180		0.158	0.141	0.0790		0.0592	0.0614
HPPG-ESU-TU077H-001	ESUTU077H01	N	08/19/2021	pCi/g	0.4960		0.21	0.131	--	--	--	--
HPPG-ESU-TU077H-001-A	ESUTU077H01	Quad	08/19/2021	pCi/g	-0.2140	U	0.212	0.268	0.0539	U	0.0848	0.0657
HPPG-ESU-TU077H-001-B	ESUTU077H01	Quad	08/19/2021	pCi/g	-0.2090	U	0.189	0.241	0.0078	U	0.0741	0.0603
HPPG-ESU-TU077H-001-C	ESUTU077H01	Quad	08/19/2021	pCi/g	-0.0981	U	0.164	0.202	0.0867	U	0.0815	0.0873
HPPG-ESU-TU077H-001-D	ESUTU077H01	Quad	08/19/2021	pCi/g	0.0164	U	0.172	0.199	-0.0111	U	0.061	0.0513
HPPG-ESU-TU077H-021	ESUTU077H21	N	08/19/2021	pCi/g	0.3770		0.238	0.17	--	--	--	--
HPPG-F-171	ESUTU077H21	FD	08/19/2021	pCi/g	0.2140		0.182	0.133	--	--	--	--
HPPG-ESU-TU077H-021-A	ESUTU077H21	Quad	08/19/2021	pCi/g	-0.2910	U	0.269	0.337	-0.0079	U	0.0717	0.0843
HPPG-ESU-TU077H-021-B	ESUTU077H21	Quad	08/19/2021	pCi/g	0.5130		0.312	0.311	0.1250		0.0869	0.0889
HPPG-ESU-TU077H-021-C	ESUTU077H21	Quad	08/19/2021	pCi/g	0.1650	U	0.271	0.3	0.0701	U	0.0737	0.0774
HPPG-ESU-TU077H-021-D	ESUTU077H21	Quad	08/19/2021	pCi/g	-0.1620	U	0.306	0.373	0.0193	U	0.0829	0.0943
HPPG-ESU-TU079A-001	ESUTU079A01	N	11/18/2020	pCi/g	0.3340		0.186	0.127	--	--	--	--
HPPG-ESU-TU079A-001_A	ESUTU079A01	Quad	11/18/2020	pCi/g	0.0656	U	0.149	0.117	0.0206	U	0.0598	0.0474
HPPG-ESU-TU079A-001_B	ESUTU079A01	Quad	11/18/2020	pCi/g	-0.0256	U	0.149	0.124	-0.0120	U	0.0629	0.0525
HPPG-ESU-TU079A-001_C	ESUTU079A01	Quad	11/18/2020	pCi/g	-0.1030	U	0.175	0.152	-0.0025	U	0.0573	0.0474
HPPG-ESU-TU079A-001_D	ESUTU079A01	Quad	11/18/2020	pCi/g	0.0844	U	0.179	0.141	-0.0397	U	0.049	0.0439
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	08/26/2021	pCi/g	0.3600		0.215	0.15	--	--	--	--
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	Quad	08/26/2021	pCi/g	0.1110	U	0.272	0.307	-0.0558	U	0.0679	0.0855
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	Quad	08/26/2021	pCi/g	-0.0318	U	0.17	0.202	0.0131	U	0.073	0.059
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	Quad	08/26/2021	pCi/g	-0.0287	U	0.216	0.254	-0.0320	U	0.0696	0.0848
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	Quad	08/26/2021	pCi/g	-0.1050	U	0.214	0.262	0.0853	U	0.0963	0.103
HPPG-ESU-TU079E-001	ESUTU079E01	N	07/14/2021	pCi/g	0.5080		0.246	0.165	--	--	--	--
HPPG-F-122	ESUTU079E01	FD	07/14/2021	pCi/g	0.2220		0.168	0.119	--	--	--	--
HPPG-ESU-TU079E-001-A	ESUTU079E01	Quad	07/14/2021	pCi/g	-0.2910	U	0.141	0.14	0.0467	U	0.0708	0.0547
HPPG-ESU-TU079E-001-B	ESUTU079E01	Quad	07/14/2021	pCi/g	-0.0619	U	0.181	0.154	0.0917		0.0865	0.0649
HPPG-ESU-TU079E-001-C	ESUTU079E01	Quad	07/14/2021	pCi/g	-0.0432	U	0.212	0.177	0.0370	U	0.0793	0.0625
HPPG-ESU-TU079E-001-D	ESUTU079E01	Quad	07/14/2021	pCi/g	0.1250	U	0.201	0.156	0.1230		0.0765	0.0537
HPPG-ESU-TU079E-021	ESUTU079E21	N	07/14/2021	pCi/g	0.6040		0.217	0.128	--	--	--	--
HPPG-ESU-TU079E-021-A	ESUTU079E21	Quad	07/14/2021	pCi/g	0.0154	U	0.191	0.156	0.0690		0.0743	0.0559
HPPG-ESU-TU079E-021-B	ESUTU079E21	Quad	07/14/2021	pCi/g	0.0840	U	0.184	0.145	0.0411	U	0.0734	0.0572
HPPG-ESU-TU079E-021-C	ESUTU079E21	Quad	07/14/2021	pCi/g	0.0330	U	0.162	0.13	-0.0487	U	0.0619	0.0548
HPPG-ESU-TU079E-021-D	ESUTU079E21	Quad	07/14/2021	pCi/g	0.1170	U	0.192	0.148	0.0574		0.0645	0.0479
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	07/19/2021	pCi/g	0.3920		0.277	0.199	--	--	--	--

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	Quad	07/19/2021	pCi/g	0.5180		0.22	0.197	-0.0020	U	0.067	0.0783
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	Quad	07/19/2021	pCi/g	0.1810		0.172	0.178	0.0569	U	0.0647	0.0683
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	Quad	07/19/2021	pCi/g	-0.1370	U	0.154	0.196	0.0020	U	0.0619	0.0719
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	Quad	07/19/2021	pCi/g	0.1890	U	0.193	0.204	0.0680	U	0.0791	0.085
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	08/26/2021	pCi/g	0.4180		0.234	0.16	--	--	--	--
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	Quad	08/26/2021	pCi/g	0.1560	U	0.24	0.262	0.0881		0.0761	0.0785
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	Quad	08/26/2021	pCi/g	-0.0636	U	0.165	0.199	0.0438	U	0.0637	0.0683
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	Quad	08/26/2021	pCi/g	-0.0944	U	0.172	0.211	0.1400		0.0965	0.0959
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	Quad	08/26/2021	pCi/g	0.1650	U	0.222	0.24	0.1370		0.0802	0.0762
HPPG-ESU-TU095B-011	ESUTU095B11	N	06/17/2021	pCi/g	0.3820		0.182	0.115	--	--	--	--
HPPG-ESU-TU095B-011-A	ESUTU095B11	Quad	06/17/2021	pCi/g	0.0956	U	0.151	0.115	-0.0034	U	0.0652	0.0539
HPPG-ESU-TU095B-011-B	ESUTU095B11	Quad	06/17/2021	pCi/g	0.2460		0.174	0.122	0.1120		0.0759	0.0532
HPPG-ESU-TU095B-011-C	ESUTU095B11	Quad	06/17/2021	pCi/g	-0.0199	U	0.15	0.125	0.0027	U	0.0641	0.0525
HPPG-ESU-TU095B-011-D	ESUTU095B11	Quad	06/17/2021	pCi/g	-0.0034	U	0.17	0.14	0.0268	U	0.0747	0.0593
HPPG-ESU-TU095C-011	ESUTU095C011	N	06/22/2021	pCi/g	0.1040	U	0.159	0.122	--	--	--	--
HPPG-F-092	ESUTU095C011	FD	06/22/2021	pCi/g	0.3820		0.251	0.177	--	--	--	--
HPPG-F-092-A	ESUTU095C011	Quad	06/22/2021	pCi/g	0.1520		0.187	0.141	-0.0166	U	0.0769	0.0644
HPPG-F-092-B	ESUTU095C011	Quad	06/22/2021	pCi/g	0.0805	U	0.181	0.141	-0.0210	U	0.0584	0.05
HPPG-F-092-C	ESUTU095C011	Quad	06/22/2021	pCi/g	-0.0989	U	0.165	0.144	-0.0269	U	0.0547	0.0476
HPPG-F-092-D	ESUTU095C011	Quad	06/22/2021	pCi/g	-0.0888	U	0.168	0.145	0.1120		0.0744	0.0519
HPPG-ESU-TU097C-001	ESUTU097C01	N	06/22/2021	pCi/g	0.0779	U	0.171	0.135	--	--	--	--
HPPG-F-089	ESUTU097C01	FD	06/22/2021	pCi/g	0.3500		0.193	0.133	--	--	--	--
HPPG-F-089-A	ESUTU097C01	Quad	06/22/2021	pCi/g	0.1820		0.162	0.116	0.0676		0.0719	0.0537
HPPG-F-089-B	ESUTU097C01	Quad	06/22/2021	pCi/g	0.1610		0.186	0.14	0.3680		0.0982	0.0517
HPPG-F-089-C	ESUTU097C01	Quad	06/22/2021	pCi/g	-0.1050	U	0.152	0.134	0.2070		0.088	0.0565
HPPG-F-089-D	ESUTU097C01	Quad	06/22/2021	pCi/g	-0.0906	U	0.158	0.138	0.1730		0.0911	0.062
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	08/26/2021	pCi/g	1.0200		0.251	0.128	--	--	--	--
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	Quad	08/26/2021	pCi/g	0.1090	U	0.175	0.191	0.0937		0.076	0.0789
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	Quad	08/26/2021	pCi/g	0.2170		0.191	0.198	0.0179	U	0.0667	0.0756
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	Quad	08/26/2021	pCi/g	0.3050		0.183	0.176	0.0674	U	0.0716	0.076
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	Quad	08/26/2021	pCi/g	0.1370	U	0.174	0.186	-0.0312	U	0.0628	0.0769
HPPG-ESU-TU100A-021	ESUTU100A021	N	06/09/2021	pCi/g	0.5410		0.209	0.125	--	--	--	--
HPPG-ESU-TU100A-021-A	ESUTU100A021	Quad	06/09/2021	pCi/g	-0.0210	U	0.181	0.15	0.0563		0.072	0.0547
HPPG-ESU-TU100A-021-B	ESUTU100A021	Quad	06/09/2021	pCi/g	0.1460		0.17	0.127	0.0665		0.0743	0.0559
HPPG-ESU-TU100A-021-C	ESUTU100A021	Quad	06/09/2021	pCi/g	-0.5150	U	0.406	0.373	-0.0092	U	0.143	0.119

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-ESU-TU100A-021-D	ESUTU100A021	Quad	06/09/2021	pCi/g	0.0574	U	0.18	0.143	-0.0237	U	0.0669	0.0569
HPPG-ESU-TU101A-001	ESUTU101A01	N	06/08/2021	pCi/g	0.4380		0.216	0.143	--	--	--	--
HPPG-ESU-TU101A-001-A	ESUTU101A01	Quad	06/08/2021	pCi/g	-0.0550	U	0.147	0.126	0.0090	U	0.0637	0.0516
HPPG-ESU-TU101A-001-B	ESUTU101A01	Quad	06/08/2021	pCi/g	-0.1480	U	0.17	0.151	0.0855		0.0711	0.051
HPPG-ESU-TU101A-001-C	ESUTU101A01	Quad	06/08/2021	pCi/g	0.2280		0.181	0.129	0.0417	U	0.0647	0.0493
HPPG-ESU-TU101A-001-D	ESUTU101A01	Quad	06/08/2021	pCi/g	0.1590		0.169	0.125	0.0978		0.0802	0.0586
HPPG-ESU-TU109E-021	ESUTU109E21	N	08/24/2021	pCi/g	0.4400		0.26	0.179	--	--	--	--
HPPG-ESU-TU109E-021-A	ESUTU109E21	Quad	08/24/2021	pCi/g	0.2670	U	0.422	0.459	0.0513	U	0.0806	0.0873
HPPG-ESU-TU109E-021-B	ESUTU109E21	Quad	08/24/2021	pCi/g	-0.1180	U	0.15	0.187	0.0710	U	0.0942	0.103
HPPG-ESU-TU109E-021-C	ESUTU109E21	Quad	08/24/2021	pCi/g	0.1760	U	0.173	0.181	0.0009	U	0.0859	0.1
HPPG-ESU-TU109E-021-D	ESUTU109E21	Quad	08/24/2021	pCi/g	0.2020	U	1.16	1.33	0.2650		0.104	0.0935
HPPG-ESU-TU124A-021	ESUTU124A21	N	12/10/2020	pCi/g	0.4510		0.2	0.13	--	--	--	--
HPPG-ESU-TU124A-021_A	ESUTU124A21	Quad	12/10/2020	pCi/g	0.0225	U	0.138	0.111	-0.0720	U	0.0452	0.044
HPPG-ESU-TU124A-021_B	ESUTU124A21	Quad	12/10/2020	pCi/g	-0.0108	U	0.161	0.134	0.0347	U	0.0729	0.0572
HPPG-ESU-TU124A-021_C	ESUTU124A21	Quad	12/10/2020	pCi/g	0.0508	U	0.167	0.133	0.0167	U	0.0645	0.0517
HPPG-ESU-TU124A-021_D	ESUTU124A21	Quad	12/10/2020	pCi/g	-0.2280	U	0.181	0.164	0.0215	U	0.0579	0.0456
HPPG-SFU-TU070B-021	SFUTU070B21	N	08/02/2021	pCi/g	0.3950		0.215	0.141	--	--	--	--
HPPG-SFU-TU070B-021-A	SFUTU070B21	Quad	08/02/2021	pCi/g	0.0146	U	0.187	0.216	0.0211	U	0.0675	0.0761
HPPG-SFU-TU070B-021-B	SFUTU070B21	Quad	08/02/2021	pCi/g	0.0000	U	0.16	0.186	0.0093	U	0.0669	0.0769
HPPG-SFU-TU070B-021-C	SFUTU070B21	Quad	08/02/2021	pCi/g	-0.0661	U	0.148	0.181	0.2000		0.0923	0.0886
HPPG-SFU-TU070B-021-D	SFUTU070B21	Quad	08/02/2021	pCi/g	0.2430		0.173	0.171	0.0457	U	0.0724	0.0796
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	08/10/2021	pCi/g	0.4090		0.44	0.326	--	--	--	--
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	Quad	08/10/2021	pCi/g	0.4350		0.372	0.272	0.0340	U	0.0867	0.0972
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	Quad	08/10/2021	pCi/g	0.1550		0.195	0.147	0.0519	U	0.0716	0.0773
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	Quad	08/10/2021	pCi/g	0.1070	U	0.207	0.161	-0.0327	U	0.0628	0.077
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	Quad	08/10/2021	pCi/g	0.3890		0.229	0.157	0.0060	U	0.0727	0.084
HPPG-F-127	SFUTU077B11	FD	07/15/2021	pCi/g	0.4610		0.206	0.134	--	--	--	--
HPPG-SFU-TU077B-011	SFUTU077B11	N	07/15/2021	pCi/g	0.3240		0.183	0.121	--	--	--	--
HPPG-F-127-A	SFUTU077B11	Quad	07/15/2021	pCi/g	0.7010		0.241	0.201	-0.0611	U	0.0743	0.0925
HPPG-F-127-B	SFUTU077B11	Quad	07/15/2021	pCi/g	-0.0118	U	0.146	0.172	0.0816	U	0.122	0.134
HPPG-F-127-C	SFUTU077B11	Quad	07/15/2021	pCi/g	0.5040		0.279	0.271	-0.1150	U	0.0699	0.0941
HPPG-F-127-D	SFUTU077B11	Quad	07/15/2021	pCi/g	0.3400		0.22	0.215	-0.2230	U	0.0531	0.0877
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	08/12/2021	pCi/g	0.6350		0.312	0.205	--	--	--	--
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	Quad	08/12/2021	pCi/g	-0.0014	U	0.343	0.4	-0.1010	U	0.0952	0.119
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	Quad	08/12/2021	pCi/g	0.2310	U	0.298	0.323	0.0944		0.0884	0.0922

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Sample ID	Location	Sample Type	Sample Date	Units	EPA Method 905 / Strontium-90				EPA Method 905 / Total Beta Strontium			
					Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	Quad	08/12/2021	pCi/g	-0.0248	U	0.291	0.341	0.0129	U	0.103	0.119
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	Quad	08/12/2021	pCi/g	-0.1060	U	0.243	0.295	0.0039	U	0.0822	0.0953
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	08/06/2021	pCi/g	0.7850		0.234	0.132	--	--	--	--
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	Quad	08/06/2021	pCi/g	0.1890	U	0.238	0.254	0.0643	U	0.0759	0.0808
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	Quad	08/06/2021	pCi/g	0.2640	U	0.27	0.287	0.0306	U	0.0686	0.076
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	Quad	08/06/2021	pCi/g	0.1310	U	0.259	0.288	-0.0239	U	0.0826	0.0987
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	Quad	08/06/2021	pCi/g	0.2500		0.223	0.232	0.0590	U	0.0768	0.0823
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	08/12/2021	pCi/g	0.5260		0.258	0.169	--	--	--	--
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	Quad	08/12/2021	pCi/g	-0.0295	U	0.313	0.368	-0.0867	U	0.0815	0.105
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	Quad	08/12/2021	pCi/g	0.3040		0.271	0.285	-0.0677	U	0.0645	0.0834
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	Quad	08/12/2021	pCi/g	0.1540	U	0.226	0.244	0.0430	U	0.0836	0.0928
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	Quad	08/12/2021	pCi/g	-0.0447	U	0.237	0.28	0.1230		0.0925	0.0953
HPPG-F-147	SFUTU079C11	FD	07/23/2021	pCi/g	-0.0964	U	0.246	0.21	--	--	--	--
HPPG-SFU-TU079C-011	SFUTU079C11	N	07/23/2021	pCi/g	0.4210		0.236	0.163	--	--	--	--
HPPG-SFU-TU079C-011-A	SFUTU079C11	Quad	07/23/2021	pCi/g	0.2140	U	0.208	0.219	0.0485	U	0.068	0.0736
HPPG-SFU-TU079C-011-B	SFUTU079C11	Quad	07/23/2021	pCi/g	0.1470	U	0.172	0.183	-0.0148	U	0.0659	0.0785
HPPG-SFU-TU079C-011-C	SFUTU079C11	Quad	07/23/2021	pCi/g	NA[1]				0.0213	U	0.0996	0.114
HPPG-SFU-TU079C-011-D	SFUTU079C11	Quad	07/23/2021	pCi/g	0.1690	U	0.2	0.214	0.0885		0.0748	0.0765
HPPG-SFU-TU097B-021	SFUTU097B21	N	07/02/2021	pCi/g	0.5690		0.281	0.185	--	--	--	--
HPPG-SFU-TU097B-021-A	SFUTU097B21	Quad	07/02/2021	pCi/g	-0.0598	U	0.202	0.171	0.0162	U	0.0549	0.0436
HPPG-SFU-TU097B-021-B	SFUTU097B21	Quad	07/02/2021	pCi/g	0.3750		0.216	0.147	0.0387	U	0.0658	0.0718
HPPG-SFU-TU097B-021-C	SFUTU097B21	Quad	07/02/2021	pCi/g	-0.0657	U	0.196	0.167	0.0047	U	0.0721	0.0589
HPPG-SFU-TU097B-021-D	SFUTU097B21	Quad	07/02/2021	pCi/g	0.0350	U	0.224	0.181	0.0345	U	0.0651	0.0506
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	08/06/2021	pCi/g	0.4120		0.302	0.218				
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	Quad	08/06/2021	pCi/g	0.2660		0.232	0.168	0.0516	U	0.0696	0.0749
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	Quad	08/06/2021	pCi/g	0.3080		0.276	0.203	0.0459	U	0.0879	0.0973
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	Quad	08/06/2021	pCi/g	-0.0381	U	0.204	0.17	0.0194	U	0.0724	0.0822
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	Quad	08/06/2021	pCi/g	0.4110		0.246	0.166	-0.0259	U	0.0737	0.0889
HPPG-F-148	SFUTU124A01	FD	07/27/2021	pCi/g	0.0673	U	0.183	0.145	--	--	--	--
HPPG-SFU-TU124A-001	SFUTU124A01	N	07/27/2021	pCi/g	0.1530	U	0.209	0.158	--	--	--	--
HPPG-SFU-TU124A-001LR	SFUTU124A01	LR	07/27/2021	pCi/g	0.5068		0.264	0.18	--	--	--	--
HPPG-SFU-TU124A-001-A	SFUTU124A01	Quad	07/27/2021	pCi/g	0.1240	U	0.231	0.258	0.0475	U	0.0783	0.0861
HPPG-SFU-TU124A-001-B	SFUTU124A01	Quad	07/27/2021	pCi/g	0.3020		0.258	0.263	0.0000	U	0.0862	0.1
HPPG-SFU-TU124A-001-C	SFUTU124A01	Quad	07/27/2021	pCi/g	0.1830	U	0.204	0.218	0.0457	U	0.0701	0.0762
HPPG-SFU-TU124A-001-D	SFUTU124A01	Quad	07/27/2021	pCi/g	0.2040	U	0.421	0.467	0.0030	U	0.107	0.125

Table 4: Additional Sample Aliquots—Strontium-90 and Total Beta Strontium Results by EPA Method 905

Notes
[1] Not analyzed for strontium-90 using EPA Method 905. Due to various matrix interferences causing the samples to fail quality control criteria, the samples were reanalyzed by Eichrom.
-- Primary sample not analyzed for total beta strontium
** Negative results are reported when the sample counts are lower than instrument background counts.
Red text indicates the sample result exceeds the Sr-90 RG (0.331 pCi/g).
DLC - decision level concentration
EPA - U.S. Environmental Protection Agency
FD - field duplicate sample
J - estimated
LR - laboratory replicate analysis
N - normal field sample
NA - not analyzed for this parameter
pCi/g - picocurie per gram
Quad - quadruplicate aliquot sample
Qual - data qualifier
TPU - total propagated uncertainty
U - not detected at or below the decision level concentration

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Table 5: Recounted Strontium-90 Results by EPA Method 905

Location	Sample Date	Sample Type	EPA Method 905 / Strontium-90 (pCi/g)				EPA Method 905 / Recount Strontium-90 (pCi/g)			
			Result	Qual	TPU	DLC	Result	Qual	TPU	DLC
317364365SU2011	11/05/2021	N	0.3620		0.3160	0.3300	0.0584	U	0.3160	0.3610
ESUTU069C11	07/01/2021	FD	0.3380		0.2100	0.1460	0.0018	U	0.1510	0.1240
ESUTU069CB01	07/06/2021	N	0.3650		0.2460	0.1760	-0.0459	U	0.2050	0.1720
ESUTU069CB02	08/23/2021	N	0.7400		0.5150	0.3630	-0.5980	U	0.4050	0.3550
ESUTU069EB01	07/22/2021	N	0.3720		0.2130	0.1440	-0.0411	U	0.2090	0.1750
ESUTU069EB01	07/22/2021	N	0.4270		0.2280	0.2170	-0.1640	U	0.3070	0.3760
ESUTU069EB01	07/22/2021	N	0.8550		0.2600	0.2090	0.3070	U	0.3300	0.3480
ESUTU070C01	07/19/2021	FD	0.3210		0.1860	0.1250	0.0539	U	0.1960	0.1560
ESUTU070CB03	08/26/2021	N	0.3220		0.2410	0.1720	0.5800		0.4580	0.3260
ESUTU070EB01	07/29/2021	N	0.4020		0.1960	0.1260	0.1480	U	0.2040	0.1550
ESUTU070EB01	07/29/2021	N	0.3550		0.2360	0.2400	-0.2440	U	0.2790	0.3540
ESUTU077GB02	08/25/2021	N	0.7850		0.1960	0.0532	0.2900		0.2520	0.1830
ESUTU077H01	08/19/2021	N	0.4960		0.2100	0.1310	0.2190		0.2350	0.1750
ESUTU077H21	08/19/2021	N	0.3770		0.2380	0.1700	0.0332	U	0.2080	0.1680
ESUTU079CB02	08/26/2021	N	0.3600		0.2150	0.1500	0.2570		0.2240	0.1630
ESUTU097CB02	08/26/2021	N	1.0200		0.2510	0.1280	0.0840	U	0.2220	0.1760
ESUTU103B01	10/15/2021	FD	0.6320		0.3000	0.2810	-0.1210	U	0.2630	0.2260
ESUTU109E21	08/24/2021	N	0.4400		0.2600	0.1790	-0.0778	U	0.4460	0.3730
SFUTU070B21	08/02/2021	N	0.3950		0.2150	0.1410	0.5170		0.2600	0.1640
SFUTU070BB02	08/10/2021	N	0.4090		0.4400	0.3260	-0.2010	U	0.3860	0.3260
SFUTU070BB02	08/10/2021	N	0.4350		0.3720	0.2720	-0.1870	U	0.3500	0.3030
SFUTU070BB02	08/10/2021	N	0.3890		0.2290	0.1570	-0.0414	U	0.2330	0.1950
SFUTU077B11	07/15/2021	N	0.7010		0.2410	0.2010	0.2450	U	0.3390	0.3670
SFUTU077B11	07/15/2021	N	0.5040		0.2790	0.2710	0.1410	U	0.3250	0.3590
SFUTU077B11	07/15/2021	N	0.3400		0.2200	0.2150	-0.1390	U	0.2920	0.3580
SFUTU077BB03	08/12/2021	N	0.6350		0.3120	0.2050	0.3530		0.3490	0.2590
SFUTU079AB03	08/06/2021	N	0.7850		0.2340	0.1320	0.0483	U	0.2100	0.1680
SFUTU079BB03	08/12/2021	N	0.5260		0.2580	0.1690	0.1760	U	0.2980	0.2310
SFUTU079C11	07/23/2021	N	0.4210		0.2360	0.1630	0.2320		0.2420	0.1810
SFUTU097B21	07/02/2021	N	0.3750		0.2160	0.1470	0.0111	U	0.3310	0.2710
SFUTU097BB04	08/17/2021	N	0.3020		0.3080	0.2310	-0.0682	U	0.2850	0.2400
SFUTU099BB03	08/06/2021	N	0.4120		0.3020	0.2180	0.1560	U	0.2620	0.2090
SFUTU099BB03	08/06/2021	N	0.4110		0.2460	0.1660	-0.2050	U	0.3010	0.2610
SFUTU103A01	10/13/2021	FD	0.3790		0.1920	0.1720	0.0664	U	0.2520	0.2020
SFUTU103A01	10/13/2021	N	0.3730		0.2240	0.2150	-0.0341	U	0.2380	0.1980

Table 5: Recounted Strontium-90 Results by EPA Method 905

Notes
** Negative results are reported when the sample counts are lower than instrument background counts.
Red text indicates the sample result exceeds the Sr-90 RG (0.331 pCi/g).
DLC - decision level concentration
EPA - U.S. Environmental Protection Agency
FD - field duplicate sample
N - normal field sample
pCi/g - picocurie per gram
Qual - data qualifier
TPU - total propagated uncertainty
U - not detected at or below the decision level concentration

Table 6: Strontium-90 and Total Beta Strontium Results by Eichrom Method Presented by Laboratory to Demonstrate Interference

Location	Sample ID	Strontium Analysis by Eichrom					
		Strontium-90 (pCi/g)			Total Beta Strontium (pCi/g)		
		Result	Lab Qual	TPU	Result	Lab Qual	TPU
351ASUJ001	HPPG-351A-SUJ0-001	0.1680		0.0652	0.0241	U	0.0339
351ASUJ011	HPPG-351A-SUJ0-011	0.1730		0.0645	0.0189	U	0.0342
351ASUJ021	HPPG-351A-SUJ0-021	0.2550		0.0695	0.0347	U	0.0356
ESUTU069E01	HPPG-F-140	0.1560		0.0709	0.0144	U	0.0290
ESUTU069E11	HPPG-F-141	0.2760		0.0796	0.0000	U	0.0262
ESUTU070DB01	HPPG-ESU-TU070D-B-001	0.2060		0.0705	0.0112	U	0.0240
ESUTU077EB02	HPPG-ESU-TU077E-B-002	0.3550		0.0788	0.0008	U	0.0282
ESUTU098D01	HPPG-ESU-TU098D-001	0.2650		0.0701	0.0012	U	0.0289
ESUTU098D01	HPPG-F-023	0.3050		0.0680	0.0267	U	0.0287
ESUTU098D11	HPPG-ESU-TU098D-011	0.2160		0.0650	0.0140	U	0.0292
ESUTU098D21	HPPG-ESU-TU098D-021	0.2360		0.0704	0.0012	U	0.0279
ESUTU098DB01	HPPG-ESU-TU098D-B-001	0.3180		0.0706	0.0250	U	0.0308
ESUTU101AB01	HPPG-ESU-TU101A-B-001	0.2610		0.0731	-0.0021	U	0.0207
ESUTU104A01	HPPG-ESU-TU104A-001	0.1400		0.0623	-0.0035	U	0.0237
ESUTU104A11	HPPG-ESU-TU104A-011	0.2100		0.0683	0.0333		0.0296
ESUTU104A21	HPPG-ESU-TU104A-021	0.2160		0.0837	0.0348	U	0.0331
ESUTU104AB01	HPPG-ESU-TU104A-B-001	0.1990		0.0745	0.0313		0.0290
ESUTU107A01	HPPG-ESU-TU107A-001	0.1560		0.0608	0.0226	U	0.0292
ESUTU107A11	HPPG-ESU-TU107A-011	0.2690		0.0679	0.0179	U	0.0261
ESUTU107A21	HPPG-ESU-TU107A-021	0.1710		0.0564	-0.0119	U	0.0249
ESUTU107A21	HPPG-F-028	0.1980		0.0577	-0.0003	U	0.0243
ESUTU107AB01	HPPG-ESU-TU107A-B-001	0.2490		0.0681	-0.0173	U	0.0238
ESUTU108A01	HPPG-ESU-TU108A-001	0.2260		0.0659	-0.0008	U	0.0286
ESUTU108A01	HPPG-F-031	0.1980		0.0639	0.0167	U	0.0287
ESUTU108A11	HPPG-ESU-TU108A-011	0.1400		0.0549	0.0367		0.0303
ESUTU108A21	HPPG-ESU-TU108A-021	0.2170		0.0648	0.0106	U	0.0247

Table 6: Strontium-90 and Total Beta Strontium Results by Eichrom Method Presented by Laboratory to Demonstrate Interference

Location	Sample ID	Strontium Analysis by Eichrom					
		Strontium-90 (pCi/g)			Total Beta Strontium (pCi/g)		
		Result	Lab Qual	TPU	Result	Lab Qual	TPU
SFUTU069BB01	HPPG-SFU-TU069B-B-001	0.3350		0.0770	0.0081	U	0.0225
SFUTU069CB01	HPPG-SFU-TU069C-B-001	0.2550		0.0814	0.0274	U	0.0274
SFUTU070A21	HPPG-SFU-TU070A-021	0.2670		0.0775	0.0180	U	0.0265
SFUTU070AB01	HPPG-SFU-TU070A-B-001	0.3630		0.0914	0.0190	U	0.0260
SFUTU070BB01	HPPG-SFU-TU070B-B-001	0.1950		0.0686	0.0370		0.0334
SFUTU095AB02	HPPG-SFU-TU095A-B-002	0.3330		0.1150	0.0122	U	0.0322
SFUTU097AB001	HPPG-SFU-TU097A-B-001	0.3110		0.0751	0.0084	U	0.0206
SFUTU098B01	HPPG-SFU-TU098B-001	0.2440		0.0667	0.0365		0.0304
SFUTU098B11	HPPG-F-025	0.2210		0.0650	-0.0114	U	0.0252
SFUTU098B11	HPPG-SFU-TU098B-011	0.3020		0.0717	0.0018	U	0.0196
SFUTU098B21	HPPG-SFU-TU098B-021	0.2410		0.0675	-0.0051	U	0.0220
SFUTU098BB01	HPPG-SFU-TU098B-B-001	0.2040		0.0647	0.0121	U	0.0309
SFUTU124AB01	HPPG-SFU-TU124A-B-001	0.2330		0.0710	0.0621		0.0283

Notes:
** Negative results are reported when the sample counts are lower than instrument background counts.
Red text indicates exceedance of 0.331 pCi/g remedial goal for strontium-90.
pCi/g - picocurie per gram
Qual - data qualifier
TPU - total propagated uncertainty
U - not detected at or below the decision level concentration

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU20-001	317364365SU2001	N	317364365	00-S20	N/A	11/5/2021	0.0262 U	U	0.0237	0.0262	Y
HPPG-317364365-SU20-002	317364365SU2002	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-003	317364365SU2003	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-004	317364365SU2004	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-005	317364365SU2005	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-006	317364365SU2006	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-007	317364365SU2007	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-008	317364365SU2008	N	317364365	00-S20	N/A	11/5/2021					
HPPG-F-220	317364365SU2008	FD	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-009	317364365SU2009	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-010	317364365SU2010	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-011	317364365SU2011	N	317364365	00-S20	N/A	11/5/2021	0.0268 U	U	0.0243	0.0268	Y
HPPG-F-221	317364365SU2011	FD	317364365	00-S20	N/A	11/5/2021	0.0215 U	U	0.0188	0.0215	Y
HPPG-317364365-SU20-012	317364365SU2012	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-013	317364365SU2013	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-014	317364365SU2014	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-015	317364365SU2015	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-016	317364365SU2016	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-017	317364365SU2017	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-018	317364365SU2018	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-019	317364365SU2019	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-020	317364365SU2020	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-021	317364365SU2021	N	317364365	00-S20	N/A	11/5/2021	0.0289 U	UJ	0.0255	0.0289	Y
HPPG-317364365-SU20-022	317364365SU2022	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-023	317364365SU2023	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-024	317364365SU2024	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-025	317364365SU2025	N	317364365	00-S20	N/A	11/5/2021					
HPPG-317364365-SU20-B-001	317364365SU20B01	N	317364365	00-S20	N/A	11/10/2021	0.0339 U	U	0.0263	0.0339	Y
HPPG-317364365-SU20-B-002	317364365SU20B02	N	317364365	00-S20	N/A	11/10/2021	0.0272		0.0261	0.027	Y
HPPG-317364365-SU20-B-003	317364365SU20B03	N	317364365	00-S20	N/A	11/10/2021	0.0232 U	U	0.018	0.0232	Y
HPPG-317364365-SU21-001	317364365SU2101	N	317364365	00-S21	N/A	12/10/2021	0.0381 U	U	0.0329	0.0381	Y
HPPG-F-262	317364365SU2101	FD	317364365	00-S21	N/A	12/10/2021	0.0319 U	U	0.0278	0.0319	Y
HPPG-317364365-SU21-002	317364365SU2102	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-003	317364365SU2103	N	317364365	00-S21	N/A	12/10/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU21-004	317364365SU2104	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-005	317364365SU2105	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-006	317364365SU2106	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-007	317364365SU2107	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-008	317364365SU2108	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-009	317364365SU2109	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-010	317364365SU2110	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-011	317364365SU2111	N	317364365	00-S21	N/A	12/10/2021	0.0287 U	U	0.0265	0.0287	Y
HPPG-F-263	317364365SU2111	FD	317364365	00-S21	N/A	12/10/2021	0.0309 U	U	0.026	0.0309	Y
HPPG-317364365-SU21-012	317364365SU2112	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-013	317364365SU2113	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-014	317364365SU2114	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-015	317364365SU2115	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-016	317364365SU2116	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-017	317364365SU2117	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-018	317364365SU2118	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-019	317364365SU2119	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-020	317364365SU2120	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-021	317364365SU2121	N	317364365	00-S21	N/A	12/10/2021	0.0250 U	U	0.0224	0.025	Y
HPPG-317364365-SU21-022	317364365SU2122	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-023	317364365SU2123	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-024	317364365SU2124	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-025	317364365SU2125	N	317364365	00-S21	N/A	12/10/2021					
HPPG-317364365-SU21-B-001	317364365SU21B01	N	317364365	00-S21	N/A	12/10/2021	0.0270 U	U	0.0239	0.027	Y
HPPG-317364365-SU21-B-002	317364365SU21B02	N	317364365	00-S21	N/A	12/10/2021	0.0328 U	U	0.0271	0.0328	Y
HPPG-317364365-SU21-B-003	317364365SU21B03	N	317364365	00-S21	N/A	12/10/2021	0.0268 U	U	0.0204	0.0268	Y
HPPG-317364365-SU23-001	317364365SU2301	N	317364365	00-S23	N/A	10/4/2021	0.0305 U	U	0.0269	0.0305	Y
HPPG-317364365-SU23-002	317364365SU2302	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-003	317364365SU2303	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-004	317364365SU2304	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-005	317364365SU2305	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-006	317364365SU2306	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-007	317364365SU2307	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-204	317364365SU2307	FD	317364365	00-S23	N/A	10/4/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU23-008	317364365SU2308	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-009	317364365SU2309	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-010	317364365SU2310	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-011	317364365SU2311	N	317364365	00-S23	N/A	10/4/2021	0.0349	J	0.0289	0.0292	Y
HPPG-317364365-SU23-012	317364365SU2312	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-013	317364365SU2313	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-014	317364365SU2314	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-015	317364365SU2315	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-016	317364365SU2316	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-017	317364365SU2317	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-018	317364365SU2318	N	317364365	00-S23	N/A	10/4/2021					
HPPG-F-205	317364365SU2318	FD	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-019	317364365SU2319	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-020	317364365SU2320	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-021	317364365SU2321	N	317364365	00-S23	N/A	10/4/2021	0.0270	J	0.021	0.0208	Y
HPPG-317364365-SU23-022	317364365SU2322	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-023	317364365SU2323	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-024	317364365SU2324	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-025	317364365SU2325	N	317364365	00-S23	N/A	10/4/2021					
HPPG-317364365-SU23-B-001	317364365SU23B01	N	317364365	00-S23	N/A	10/6/2021	0.0330		0.0307	0.0318	Y
HPPG-317364365-SU23-B-002	317364365SU23B02	N	317364365	00-S23	N/A	10/6/2021	0.0280 U	U	0.0243	0.028	Y
HPPG-317364365-SU23-B-003	317364365SU23B03	N	317364365	00-S23	N/A	10/6/2021	0.0279 U	U	0.0236	0.0279	Y
HPPG-317364365-SU24-001	317364365SU2401	N	317364365	00-S24	N/A	11/3/2021	0.0271 U	U	0.0241	0.0271	Y
HPPG-317364365-SU24-002	317364365SU2402	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-003	317364365SU2403	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-004	317364365SU2404	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-005	317364365SU2405	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-006	317364365SU2406	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-218	317364365SU2406	FD	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-007	317364365SU2407	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-008	317364365SU2408	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-009	317364365SU2409	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-010	317364365SU2410	N	317364365	00-S24	N/A	11/3/2021					
HPPG-F-219	317364365SU2410	FD	317364365	00-S24	N/A	11/3/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU24-011	317364365SU2411	N	317364365	00-S24	N/A	11/3/2021	0.0250 U	U	0.0221	0.025	Y
HPPG-317364365-SU24-012	317364365SU2412	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-013	317364365SU2413	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-014	317364365SU2414	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-015	317364365SU2415	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-016	317364365SU2416	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-017	317364365SU2417	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-018	317364365SU2418	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-019	317364365SU2419	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-020	317364365SU2420	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-021	317364365SU2421	N	317364365	00-S24	N/A	11/3/2021	0.0258 U	U	0.0239	0.0258	Y
HPPG-317364365-SU24-022	317364365SU2422	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-023	317364365SU2423	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-024	317364365SU2424	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-025	317364365SU2425	N	317364365	00-S24	N/A	11/3/2021					
HPPG-317364365-SU24-B-001	317364365SU24B01	N	317364365	00-S24	N/A	11/4/2021	0.0278 U	U	0.0261	0.0278	Y
HPPG-317364365-SU24-B-002	317364365SU24B02	N	317364365	00-S24	N/A	11/4/2021	0.0464 U	U	0.0401	0.0464	Y
HPPG-317364365-SU24-B-003	317364365SU24B03	N	317364365	00-S24	N/A	11/4/2021	0.0284 U	U	0.0216	0.0284	Y
HPPG-317364365-SU25-001	317364365SU2501	N	317364365	00-S25	N/A	10/5/2021	0.0256 U	U	0.025	0.0256	Y
HPPG-317364365-SU25-002	317364365SU2502	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-003	317364365SU2503	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-004	317364365SU2504	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-005	317364365SU2505	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-006	317364365SU2506	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-007	317364365SU2507	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-008	317364365SU2508	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-009	317364365SU2509	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-206	317364365SU2509	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-010	317364365SU2510	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-011	317364365SU2511	N	317364365	00-S25	N/A	10/5/2021	0.0337 U	U	0.0297	0.0337	Y
HPPG-317364365-SU25-012	317364365SU2512	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-013	317364365SU2513	N	317364365	00-S25	N/A	10/5/2021					
HPPG-F-207	317364365SU2513	FD	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-014	317364365SU2514	N	317364365	00-S25	N/A	10/5/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU25-015	317364365SU2515	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-016	317364365SU2516	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-017	317364365SU2517	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-018	317364365SU2518	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-019	317364365SU2519	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-020	317364365SU2520	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-021	317364365SU2521	N	317364365	00-S25	N/A	10/5/2021	0.0336 U	U	0.0286	0.0336	Y
HPPG-317364365-SU25-022	317364365SU2522	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-023	317364365SU2523	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-024	317364365SU2524	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-025	317364365SU2525	N	317364365	00-S25	N/A	10/5/2021					
HPPG-317364365-SU25-B-001	317364365SU25B01	N	317364365	00-S25	N/A	10/6/2021	0.0262 U	U	0.0241	0.0262	Y
HPPG-317364365-SU25-B-002	317364365SU25B02	N	317364365	00-S25	N/A	10/6/2021	0.0263 U	U	0.0254	0.0263	Y
HPPG-317364365-SU25-B-003	317364365SU25B03	N	317364365	00-S25	N/A	10/6/2021	0.0281 U	U	0.0232	0.0281	Y
HPPG-317364365-SU26-001	317364365SU2601	N	317364365	00-S26	N/A	7/20/2023	0.0073 U	U	0.0311	0.0249	Y
HPPG-F-311	317364365SU2601	FD	317364365	00-S26	N/A	7/20/2023	-0.0056 U	U	0.0259	0.0218	Y
HPPG-317364365-SU26-002	317364365SU2602	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-003	317364365SU2603	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-004	317364365SU2604	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-005	317364365SU2605	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-006	317364365SU2606	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-007	317364365SU2607	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-008	317364365SU2608	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-009	317364365SU2609	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-010	317364365SU2610	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-011	317364365SU2611	N	317364365	00-S26	N/A	7/20/2023	0.0204 U	U	0.0292	0.0221	Y
HPPG-F-310	317364365SU2611	FD	317364365	00-S26	N/A	7/20/2023	0.0513		0.0491	0.035	Y
HPPG-317364365-SU26-012	317364365SU2612	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-013	317364365SU2613	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-014	317364365SU2614	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-015	317364365SU2615	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-016	317364365SU2616	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-017	317364365SU2617	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-018	317364365SU2618	N	317364365	00-S26	N/A	7/20/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU26-019	317364365SU2619	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-020	317364365SU2620	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-021	317364365SU2621	N	317364365	00-S26	N/A	7/20/2023	-0.0069 U	U	0.0309	0.0261	Y
HPPG-F-312	317364365SU2621	FD	317364365	00-S26	N/A	7/20/2023	0.0268		0.0252	0.0182	Y
HPPG-317364365-SU26-022	317364365SU2622	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-023	317364365SU2623	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-024	317364365SU2624	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-025	317364365SU2625	N	317364365	00-S26	N/A	7/20/2023					
HPPG-317364365-SU26-B-001	317364365SU26B01	N	317364365	00-S26	N/A	7/20/2023	0.0279		0.034	0.0256	Y
HPPG-317364365-SU26-B-002	317364365SU26B02	N	317364365	00-S26	N/A	7/20/2023	0.0274 U	U	0.0385	0.0293	Y
HPPG-317364365-SU27A-001	317364365SU27A01	N	SU27	66B-L1	N/A	11/11/2021	0.0208 U	U	0.0171	0.0208	Y
HPPG-F-226	317364365SU27A01	FD	SU27	66B-L1	N/A	11/11/2021	0.0238 U	U	0.0215	0.0238	Y
HPPG-317364365-SU27A-002	317364365SU27A02	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-003	317364365SU27A03	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-004	317364365SU27A04	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-005	317364365SU27A05	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-006	317364365SU27A06	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-007	317364365SU27A07	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-008	317364365SU27A08	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-009	317364365SU27A09	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-010	317364365SU27A10	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-011	317364365SU27A11	N	SU27	66B-L1	N/A	11/11/2021	0.0274 U	U	0.0261	0.0274	Y
HPPG-317364365-SU27A-012	317364365SU27A12	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-F-227	317364365SU27A12	FD	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-013	317364365SU27A13	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-014	317364365SU27A14	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-015	317364365SU27A15	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-016	317364365SU27A16	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-017	317364365SU27A17	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-018	317364365SU27A18	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-019	317364365SU27A19	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-020	317364365SU27A20	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-021	317364365SU27A21	N	SU27	66B-L1	N/A	11/11/2021	0.0238 U	U	0.0209	0.0238	Y
HPPG-317364365-SU27A-022	317364365SU27A22	N	SU27	66B-L1	N/A	11/11/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU27A-023	317364365SU27A23	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-024	317364365SU27A24	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-025	317364365SU27A25	N	SU27	66B-L1	N/A	11/11/2021					
HPPG-317364365-SU27A-B-001	317364365SU27AB01	N	SU27	66B-L1	N/A	11/12/2021	0.0264 U	U	0.0232	0.0264	Y
HPPG-317364365-SU27A-B-002	317364365SU27AB02	N	SU27	66B-L1	N/A	11/12/2021	0.0331		0.0285	0.0288	Y
HPPG-317364365-SU27A-B-003	317364365SU27AB03	N	SU27	66B-L1	N/A	11/12/2021	0.0303 U	U	0.0271	0.0303	Y
HPPG-317364365-SU28A-001	317364365SU28A01	N	SU28	29-L1	N/A	10/21/2020	0.0288 U	U	0.0272	0.0288	Y
HPPG-317364365-SU28A-002	317364365SU28A02	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-003	317364365SU28A03	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-004	317364365SU28A04	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-005	317364365SU28A05	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-006	317364365SU28A06	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-007	317364365SU28A07	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-008	317364365SU28A08	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-015	317364365SU28A08	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-009	317364365SU28A09	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-010	317364365SU28A10	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-011	317364365SU28A11	N	SU28	29-L1	N/A	10/21/2020	0.0269 U	U	0.0246	0.0269	Y
HPPG-317364365-SU28A-012	317364365SU28A12	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-013	317364365SU28A13	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-014	317364365SU28A14	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-015	317364365SU28A15	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-016	317364365SU28A16	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-017	317364365SU28A17	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-018	317364365SU28A18	N	SU28	29-L1	N/A	10/21/2020					
HPPG-F-016	317364365SU28A18	FD	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-019	317364365SU28A19	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-020	317364365SU28A20	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-021	317364365SU28A21	N	SU28	29-L1	N/A	10/21/2020	0.0289 U	U	0.0254	0.0289	Y
HPPG-317364365-SU28A-022	317364365SU28A22	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-023	317364365SU28A23	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-024	317364365SU28A24	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-025	317364365SU28A25	N	SU28	29-L1	N/A	10/21/2020					
HPPG-317364365-SU28A-B-001	317364365SU28AB01	N	SU28	29-L1	N/A	10/22/2020	0.0295 U	U	0.025	0.0295	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28B-001	317364365SU28B01	N	SU28	29-L2	N/A	10/27/2020	0.0292 U	U	0.0273	0.0292	Y
HPPG-317364365-SU28B-002	317364365SU28B02	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-003	317364365SU28B03	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-004	317364365SU28B04	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-021	317364365SU28B04	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-005	317364365SU28B05	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-006	317364365SU28B06	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-007	317364365SU28B07	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-008	317364365SU28B08	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-009	317364365SU28B09	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-010	317364365SU28B10	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-011	317364365SU28B11	N	SU28	29-L2	N/A	10/27/2020	0.0303 U	U	0.0284	0.0303	Y
HPPG-317364365-SU28B-012	317364365SU28B12	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-013	317364365SU28B13	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-014	317364365SU28B14	N	SU28	29-L2	N/A	10/27/2020					
HPPG-F-022	317364365SU28B14	FD	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-015	317364365SU28B15	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-016	317364365SU28B16	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-017	317364365SU28B17	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-018	317364365SU28B18	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-019	317364365SU28B19	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-020	317364365SU28B20	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-021	317364365SU28B21	N	SU28	29-L2	N/A	10/27/2020	0.0350 U	U	0.03	0.035	Y
HPPG-317364365-SU28B-022	317364365SU28B22	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-023	317364365SU28B23	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-024	317364365SU28B24	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-025	317364365SU28B25	N	SU28	29-L2	N/A	10/27/2020					
HPPG-317364365-SU28B-B-001	317364365SU28BB01	N	SU28	29-L2	N/A	10/27/2020	0.0277 U	U	0.0247	0.0277	Y
HPPG-317364365-SU28C-001	317364365SU28C01	N	SU28	28-L1	N/A	11/23/2020	0.0260 U	U	0.0229	0.026	Y
HPPG-317364365-SU28C-002	317364365SU28C02	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-003	317364365SU28C03	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-004	317364365SU28C04	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-005	317364365SU28C05	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-006	317364365SU28C06	N	SU28	28-L1	N/A	11/23/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU28C-007	317364365SU28C07	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-008	317364365SU28C08	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-009	317364365SU28C09	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-010	317364365SU28C10	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-011	317364365SU28C11	N	SU28	28-L1	N/A	11/23/2020	0.0320 U	U	0.0278	0.032	Y
HPPG-317364365-SU28C-012	317364365SU28C12	N	SU28	28-L1	N/A	11/23/2020	0.0259 U	U	0.0207	0.0259	Y
HPPG-F-045	317364365SU28C12	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-013	317364365SU28C13	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-014	317364365SU28C14	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-015	317364365SU28C15	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-016	317364365SU28C16	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-017	317364365SU28C17	N	SU28	28-L1	N/A	11/23/2020					
HPPG-F-046	317364365SU28C17	FD	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-018	317364365SU28C18	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-019	317364365SU28C19	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-020	317364365SU28C20	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-021	317364365SU28C21	N	SU28	28-L1	N/A	11/23/2020	0.0281 U	U	0.0254	0.0281	Y
HPPG-317364365-SU28C-022	317364365SU28C22	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-023	317364365SU28C23	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-024	317364365SU28C24	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-025	317364365SU28C25	N	SU28	28-L1	N/A	11/23/2020					
HPPG-317364365-SU28C-B-001	317364365SU28CB01	N	SU28	28-L1	N/A	11/24/2020	0.0317 U	U	0.0256	0.0317	Y
HPPG-317364365-SU29-001	317364365SU2901	N	317364365	00-S29	N/A	8/2/2023	0.0350		0.0294	0.021	Y
HPPG-F-316	317364365SU2901	FD	317364365	00-S29	N/A	8/2/2023	-0.0042 U	U	0.0179	0.0151	Y
HPPG-317364365-SU29-002	317364365SU2902	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-003	317364365SU2903	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-004	317364365SU2904	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-005	317364365SU2905	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-006	317364365SU2906	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-007	317364365SU2907	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-008	317364365SU2908	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-009	317364365SU2909	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-010	317364365SU2910	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-011	317364365SU2911	N	317364365	00-S29	N/A	8/2/2023	-0.0493 U	UJ	0.0234	0.0234	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-317	317364365SU2911	FD	317364365	00-S29	N/A	8/2/2023	-0.0061 U	UJ	0.0202	0.0171	Y
HPPG-317364365-SU29-012	317364365SU2912	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-013	317364365SU2913	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-014	317364365SU2914	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-015	317364365SU2915	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-016	317364365SU2916	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-017	317364365SU2917	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-018	317364365SU2918	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-019	317364365SU2919	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-020	317364365SU2920	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-021	317364365SU2921	N	317364365	00-S29	N/A	8/2/2023	0.0701		0.0394	0.0271	Y
HPPG-F-318	317364365SU2921	FD	317364365	00-S29	N/A	8/2/2023	-0.0010 U	UJ	0.0213	0.0176	Y
HPPG-317364365-SU29-022	317364365SU2922	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-023	317364365SU2923	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-024	317364365SU2924	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-025	317364365SU2925	N	317364365	00-S29	N/A	8/2/2023					
HPPG-317364365-SU29-B-001	317364365SU29B01	N	317364365	00-S29	N/A	8/2/2023	-0.0511 U	UJ	0.0279	0.0263	Y
HPPG-317364365-SU29-B-002	317364365SU29B02	N	317364365	00-S29	N/A	8/2/2023	0.0136 U	U	0.0237	0.0183	Y
HPPG-317364365-SU29-B-003	317364365SU29B03	N	317364365	00-S29	N/A	8/2/2023	-0.0082 U	U	0.0196	0.0169	Y
HPPG-F-313	317364365SU30-001	FD	317364365	00-S30	N/A	7/24/2023	0.0310		0.0277	0.0199	Y
HPPG-317364365-SU30-001	317364365SU3001	N	317364365	00-S30	N/A	7/24/2023	0.0062 U	U	0.0239	0.0191	Y
HPPG-F-314	317364365SU30-011	FD	317364365	00-S30	N/A	7/24/2023	0.0006 U	U	0.0236	0.0194	Y
HPPG-317364365-SU30-002	317364365SU3002	N	317364365	00-S30	N/A	7/24/2023					
HPPG-F-315	317364365SU30-021	FD	317364365	00-S30	N/A	7/24/2023	0.0412		0.0321	0.0225	Y
HPPG-317364365-SU30-003	317364365SU3003	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-004	317364365SU3004	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-005	317364365SU3005	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-006	317364365SU3006	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-007	317364365SU3007	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-008	317364365SU3008	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-009	317364365SU3009	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-010	317364365SU3010	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-011	317364365SU3011	N	317364365	00-S30	N/A	7/24/2023	-0.0040 U	U	0.0285	0.0238	Y
HPPG-317364365-SU30-012	317364365SU3012	N	317364365	00-S30	N/A	7/24/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU30-013	317364365SU3013	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-014	317364365SU3014	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-015	317364365SU3015	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-016	317364365SU3016	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-017	317364365SU3017	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-018	317364365SU3018	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-019	317364365SU3019	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-020	317364365SU3020	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-021	317364365SU3021	N	317364365	00-S30	N/A	7/24/2023	-0.0180 U	U	0.027	0.0237	Y
HPPG-317364365-SU30-022	317364365SU3022	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-023	317364365SU3023	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-024	317364365SU3024	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-025	317364365SU3025	N	317364365	00-S30	N/A	7/24/2023					
HPPG-317364365-SU30-B-001	317364365SU30B01	N	317364365	00-S30	N/A	7/24/2023	0.0193 U	U	0.0313	0.0239	Y
HPPG-317364365-SU30-B-002	317364365SU30B02	N	317364365	00-S30	N/A	7/24/2023	0.0128 U	U	0.0277	0.0215	Y
HPPG-317364365-SU30-B-003	317364365SU30B03	N	317364365	00-S30	N/A	7/24/2023	0.0194 U	U	0.0299	0.0228	Y
HPPG-317364365-SU31-001	317364365SU3101	N	317364365	00-S31	N/A	12/6/2021	0.0260 U	U	0.0208	0.026	Y
HPPG-317364365-SU31-002	317364365SU3102	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-003	317364365SU3103	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-004	317364365SU3104	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-005	317364365SU3105	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-006	317364365SU3106	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-007	317364365SU3107	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-008	317364365SU3108	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-009	317364365SU3109	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-010	317364365SU3110	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-011	317364365SU3111	N	317364365	00-S31	N/A	12/6/2021	0.0239 U	U	0.0206	0.0239	Y
HPPG-F-252	317364365SU3111	FD	317364365	00-S31	N/A	12/6/2021	0.0242 U	U	0.0214	0.0242	Y
HPPG-317364365-SU31-012	317364365SU3112	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-013	317364365SU3113	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-014	317364365SU3114	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-015	317364365SU3115	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-016	317364365SU3116	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-017	317364365SU3117	N	317364365	00-S31	N/A	12/6/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-317364365-SU31-018	317364365SU3118	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-019	317364365SU3119	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-020	317364365SU3120	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-021	317364365SU3121	N	317364365	00-S31	N/A	12/6/2021	0.0249 U	U	0.0221	0.0249	Y
HPPG-317364365-SU31-022	317364365SU3122	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-023	317364365SU3123	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-024	317364365SU3124	N	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-025	317364365SU3125	N	317364365	00-S31	N/A	12/6/2021					
HPPG-F-253	317364365SU3125	FD	317364365	00-S31	N/A	12/6/2021					
HPPG-317364365-SU31-B-001	317364365SU31B01	N	317364365	00-S31	N/A	12/6/2021	0.0347 U	U	0.0325	0.0347	Y
HPPG-317364365-SU31-B-002	317364365SU31B02	N	317364365	00-S31	N/A	12/6/2021	0.0353 U	U	0.0299	0.0353	Y
HPPG-317364365-SU31-B-003	317364365SU31B03	N	317364365	00-S31	N/A	12/6/2021	0.0320 U	U	0.0271	0.032	Y
HPPG-351A-SUA0-001	351ASUA001	N	351A	00-S1	N/A	11/12/2021	0.0303 U	U	0.0274	0.0303	Y
HPPG-351A-SUA0-002	351ASUA002	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-003	351ASUA003	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-004	351ASUA004	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-005	351ASUA005	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-006	351ASUA006	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-007	351ASUA007	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-008	351ASUA008	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-009	351ASUA009	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-010	351ASUA010	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-230	351ASUA010	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-011	351ASUA011	N	351A	00-S1	N/A	11/12/2021	0.0436 U	U	0.0418	0.0436	Y
HPPG-351A-SUA0-012	351ASUA012	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-013	351ASUA013	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-014	351ASUA014	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-015	351ASUA015	N	351A	00-S1	N/A	11/12/2021					
HPPG-F-231	351ASUA015	FD	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-016	351ASUA016	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-017	351ASUA017	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-018	351ASUA018	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-019	351ASUA019	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-020	351ASUA020	N	351A	00-S1	N/A	11/12/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUA0-021	351ASUA021	N	351A	00-S1	N/A	11/12/2021	0.0316		0.0243	0.0238	Y
HPPG-351A-SUA0-022	351ASUA022	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-023	351ASUA023	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-024	351ASUA024	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-025	351ASUA025	N	351A	00-S1	N/A	11/12/2021					
HPPG-351A-SUA0-B-001	351ASUA0B01	N	351A	00-S1	N/A	11/19/2021	0.0265 U	U	0.0228	0.0265	Y
HPPG-351A-SUA0-B-002	351ASUA0B02	N	351A	00-S1	N/A	11/19/2021	0.0270 U	U	0.0207	0.027	Y
HPPG-351A-SUA0-B-003	351ASUA0B03	N	351A	00-S1	N/A	11/19/2021	0.0246 U	U	0.0208	0.0246	Y
HPPG-351A-SUA0-B-004	351ASUA0B04	N	351A	00-S1	N/A	11/19/2021	0.0329		0.0272	0.0278	Y
HPPG-351A-SUB0-001	351ASUB001	N	351A	00-S2	N/A	11/15/2021	0.0273 U	U	0.0244	0.0273	Y
HPPG-351A-SUB0-002	351ASUB002	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-003	351ASUB003	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-004	351ASUB004	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-005	351ASUB005	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-232	351ASUB005	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-006	351ASUB006	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-007	351ASUB007	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-008	351ASUB008	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-009	351ASUB009	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-010	351ASUB010	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-011	351ASUB011	N	351A	00-S2	N/A	11/15/2021	0.0299	J	0.0247	0.0249	Y
HPPG-351A-SUB0-012	351ASUB012	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-013	351ASUB013	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-014	351ASUB014	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-015	351ASUB015	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-016	351ASUB016	N	351A	00-S2	N/A	11/15/2021					
HPPG-F-233	351ASUB016	FD	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-017	351ASUB017	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-018	351ASUB018	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-019	351ASUB019	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-020	351ASUB020	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-021	351ASUB021	N	351A	00-S2	N/A	11/15/2021	0.0307	J	0.029	0.0302	Y
HPPG-351A-SUB0-022	351ASUB022	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-023	351ASUB023	N	351A	00-S2	N/A	11/15/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUB0-024	351ASUB024	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-025	351ASUB025	N	351A	00-S2	N/A	11/15/2021					
HPPG-351A-SUB0-B-001	351ASUB0B01	N	351A	00-S2	N/A	11/19/2021	0.0247 U	U	0.0234	0.0247	Y
HPPG-351A-SUB0-B-002	351ASUB0B02	N	351A	00-S2	N/A	11/19/2021	0.0236 U	U	0.0202	0.0236	Y
HPPG-351A-SUB0-B-003	351ASUB0B03	N	351A	00-S2	N/A	11/19/2021	0.0294		0.0244	0.0247	Y
HPPG-351A-SUB0-B-004	351ASUB0B04	N	351A	00-S2	N/A	11/19/2021	0.0240 U	U	0.0229	0.024	Y
HPPG-351A-SUC0-001	351ASUC001	N	351A	00-S3	N/A	11/17/2021	0.0255 U	U	0.0234	0.0255	Y
HPPG-351A-SUC0-002	351ASUC002	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-003	351ASUC003	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-004	351ASUC004	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-005	351ASUC005	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-234	351ASUC005	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-006	351ASUC006	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-007	351ASUC007	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-008	351ASUC008	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-009	351ASUC009	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-010	351ASUC010	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-011	351ASUC011	N	351A	00-S3	N/A	11/17/2021	0.0269 U	U	0.0234	0.0269	Y
HPPG-351A-SUC0-012	351ASUC012	N	351A	00-S3	N/A	11/17/2021					
HPPG-F-235	351ASUC012	FD	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-013	351ASUC013	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-014	351ASUC014	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-015	351ASUC015	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-016	351ASUC016	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-017	351ASUC017	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-018	351ASUC018	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-019	351ASUC019	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-020	351ASUC020	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-021	351ASUC021	N	351A	00-S3	N/A	11/17/2021	0.0298 U	U	0.0244	0.0298	Y
HPPG-351A-SUC0-022	351ASUC022	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-023	351ASUC023	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-024	351ASUC024	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-025	351ASUC025	N	351A	00-S3	N/A	11/17/2021					
HPPG-351A-SUC0-B-001	351ASUC0B01	N	351A	00-S3	N/A	11/17/2021	0.0396		0.0247	0.0236	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUC0-B-002	351ASUC0B02	N	351A	00-S3	N/A	11/17/2021	0.0254 U	U	0.0217	0.0254	Y
HPPG-351A-SUC0-B-003	351ASUC0B03	N	351A	00-S3	N/A	11/17/2021	0.0252 U	U	0.0229	0.0252	Y
HPPG-351A-SUC0-B-004	351ASUC0B04	N	351A	00-S3	N/A	11/17/2021	0.0241 U	U	0.0196	0.0241	Y
HPPG-351A-SUD0-001	351ASUD001	N	351A	00-S4	N/A	11/18/2021	0.0228 U	U	0.019	0.0228	Y
HPPG-351A-SUD0-002	351ASUD002	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-003	351ASUD003	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-004	351ASUD004	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-005	351ASUD005	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-006	351ASUD006	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-007	351ASUD007	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-008	351ASUD008	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-009	351ASUD009	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-010	351ASUD010	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-011	351ASUD011	N	351A	00-S4	N/A	11/18/2021	0.0265 U	U	0.0253	0.0265	Y
HPPG-F-236	351ASUD011	FD	351A	00-S4	N/A	11/18/2021	0.0240 U	U	0.021	0.024	Y
HPPG-351A-SUD0-012	351ASUD012	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-013	351ASUD013	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-014	351ASUD014	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-015	351ASUD015	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-016	351ASUD016	N	351A	00-S4	N/A	11/18/2021					
HPPG-F-237	351ASUD016	FD	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-017	351ASUD017	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-018	351ASUD018	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-019	351ASUD019	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-020	351ASUD020	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-021	351ASUD021	N	351A	00-S4	N/A	11/18/2021	0.0290 U	U	0.026	0.029	Y
HPPG-351A-SUD0-022	351ASUD022	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-023	351ASUD023	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-024	351ASUD024	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-025	351ASUD025	N	351A	00-S4	N/A	11/18/2021					
HPPG-351A-SUD0-B-001	351ASUD0B01	N	351A	00-S4	N/A	11/19/2021	0.0242 U	U	0.0206	0.0242	Y
HPPG-351A-SUD0-B-002	351ASUD0B02	N	351A	00-S4	N/A	11/19/2021	0.0304 U	U	0.0277	0.0304	Y
HPPG-351A-SUD0-B-003	351ASUD0B03	N	351A	00-S4	N/A	11/19/2021	0.0248 U	U	0.0196	0.0248	Y
HPPG-351A-SUD0-B-004	351ASUD0B04	N	351A	00-S4	N/A	11/19/2021	0.0245 U	U	0.0194	0.0245	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUE0-001	351ASUE001	N	351A	00-S5	N/A	10/20/2021	0.0223 U	U	0.0201	0.0223	Y
HPPG-351A-SUE0-002	351ASUE002	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-003	351ASUE003	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-004	351ASUE004	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-005	351ASUE005	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-006	351ASUE006	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-007	351ASUE007	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-008	351ASUE008	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-009	351ASUE009	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-010	351ASUE010	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-011	351ASUE011	N	351A	00-S5	N/A	10/20/2021	0.0229 U	UJ	0.0162	0.0229	Y
HPPG-351A-SUE0-012	351ASUE012	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-013	351ASUE013	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-014	351ASUE014	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-015	351ASUE015	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-016	351ASUE016	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-017	351ASUE017	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-216	351ASUE017	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-018	351ASUE018	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-019	351ASUE019	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-020	351ASUE020	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-021	351ASUE021	N	351A	00-S5	N/A	10/20/2021	0.0272 U	U	0.0226	0.0272	Y
HPPG-351A-SUE0-022	351ASUE022	N	351A	00-S5	N/A	10/20/2021					
HPPG-F-217	351ASUE022	FD	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-023	351ASUE023	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-024	351ASUE024	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-025	351ASUE025	N	351A	00-S5	N/A	10/20/2021					
HPPG-351A-SUE0-B-001	351ASUE0B01	N	351A	00-S5	N/A	11/2/2021	0.0239 U	U	0.022	0.0239	Y
HPPG-351A-SUE0-B-002	351ASUE0B02	N	351A	00-S5	N/A	11/2/2021	0.0273 U	U	0.0248	0.0273	Y
HPPG-351A-SUE0-B-003	351ASUE0B03	N	351A	00-S5	N/A	11/2/2021	0.0304	J	0.0246	0.0246	Y
HPPG-351A-SUE0-B-004	351ASUE0B04	N	351A	00-S5	N/A	11/2/2021	0.0322 U	U	0.0289	0.0322	Y
HPPG-351A-SUF0-001	351ASUF001	N	351A	00-S6	N/A	11/22/2021	0.0290 U	U	0.024	0.029	Y
HPPG-351A-SUF0-002	351ASUF002	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-003	351ASUF003	N	351A	00-S6	N/A	11/22/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-238	351ASUF003	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-004	351ASUF004	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-005	351ASUF005	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-006	351ASUF006	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-007	351ASUF007	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-008	351ASUF008	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-009	351ASUF009	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-010	351ASUF010	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-011	351ASUF011	N	351A	00-S6	N/A	11/22/2021	0.0276 U	U	0.0224	0.0276	Y
HPPG-351A-SUF0-012	351ASUF012	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-013	351ASUF013	N	351A	00-S6	N/A	11/22/2021					
HPPG-F-239	351ASUF013	FD	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-014	351ASUF014	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-015	351ASUF015	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-016	351ASUF016	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-017	351ASUF017	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-018	351ASUF018	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-019	351ASUF019	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-020	351ASUF020	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-021	351ASUF021	N	351A	00-S6	N/A	11/22/2021	0.0284 U	U	0.0229	0.0284	Y
HPPG-351A-SUF0-022	351ASUF022	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-023	351ASUF023	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-024	351ASUF024	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-025	351ASUF025	N	351A	00-S6	N/A	11/22/2021					
HPPG-351A-SUF0-B-001	351ASUF0B01	N	351A	00-S6	N/A	11/19/2021	0.0248 U	U	0.023	0.0248	Y
HPPG-351A-SUF0-B-002	351ASUF0B02	N	351A	00-S6	N/A	11/19/2021	0.0266 U	U	0.0238	0.0266	Y
HPPG-351A-SUF0-B-003	351ASUF0B03	N	351A	00-S6	N/A	11/19/2021	0.0274 U	U	0.0244	0.0274	Y
HPPG-351A-SUF0-B-004	351ASUF0B04	N	351A	00-S6	N/A	11/19/2021	0.0294 U	U	0.0272	0.0294	Y
HPPG-351A-SUG0-001	351ASUG001	N	351A	00-S7	N/A	11/23/2021	0.0294 U	U	0.0272	0.0294	Y
HPPG-351A-SUG0-002	351ASUG002	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-003	351ASUG003	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-004	351ASUG004	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-005	351ASUG005	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-240	351ASUG005	FD	351A	00-S7	N/A	11/23/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUG0-006	351ASUG006	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-007	351ASUG007	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-008	351ASUG008	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-009	351ASUG009	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-010	351ASUG010	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-011	351ASUG011	N	351A	00-S7	N/A	11/23/2021	0.0268 U	U	0.0208	0.0268	Y
HPPG-351A-SUG0-012	351ASUG012	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-013	351ASUG013	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-014	351ASUG014	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-015	351ASUG015	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-016	351ASUG016	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-017	351ASUG017	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-018	351ASUG018	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-019	351ASUG019	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-020	351ASUG020	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-021	351ASUG021	N	351A	00-S7	N/A	11/23/2021	0.0314 U	U	0.026	0.0314	Y
HPPG-351A-SUG0-022	351ASUG022	N	351A	00-S7	N/A	11/23/2021					
HPPG-F-241	351ASUG022	FD	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-023	351ASUG023	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-024	351ASUG024	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-025	351ASUG025	N	351A	00-S7	N/A	11/23/2021					
HPPG-351A-SUG0-B-001	351ASUG0B01	N	351A	00-S7	N/A	11/23/2021	0.1050 U	UJ	0.0913	0.105	Y
HPPG-351A-SUG0-B-002	351ASUG0B02	N	351A	00-S7	N/A	11/23/2021	0.0283 U	U	0.0241	0.0283	Y
HPPG-351A-SUG0-B-003	351ASUG0B03	N	351A	00-S7	N/A	11/23/2021	0.0570		0.0286	0.0264	Y
HPPG-351A-SUG0-B-004	351ASUG0B04	N	351A	00-S7	N/A	11/23/2021	0.0265 U	U	0.0216	0.0265	Y
HPPG-351A-SUH0-001	351ASUH001	N	351A	00-S8	N/A	11/29/2021	0.0315 U	U	0.0272	0.0315	Y
HPPG-F-242	351ASUH001	FD	351A	00-S8	N/A	11/29/2021	0.0266 U	U	0.0254	0.0266	Y
HPPG-351A-SUH0-002	351ASUH002	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-003	351ASUH003	N	351A	00-S8	N/A	11/29/2021	0.0533 U	U	0.0297	0.0533	Y
HPPG-F-243	351ASUH003	FD	351A	00-S8	N/A	11/29/2021	0.0467 U	U	0.0237	0.0467	Y
HPPG-351A-SUH0-004	351ASUH004	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-005	351ASUH005	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-006	351ASUH006	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-007	351ASUH007	N	351A	00-S8	N/A	11/29/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUH0-008	351ASUH008	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-009	351ASUH009	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-010	351ASUH010	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-011	351ASUH011	N	351A	00-S8	N/A	11/29/2021	0.0273 U	U	0.0248	0.0273	Y
HPPG-351A-SUH0-012	351ASUH012	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-013	351ASUH013	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-014	351ASUH014	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-015	351ASUH015	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-016	351ASUH016	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-017	351ASUH017	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-018	351ASUH018	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-019	351ASUH019	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-020	351ASUH020	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-021	351ASUH021	N	351A	00-S8	N/A	11/29/2021	0.0358 U	U	0.0305	0.0358	Y
HPPG-351A-SUH0-022	351ASUH022	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-023	351ASUH023	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-024	351ASUH024	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-025	351ASUH025	N	351A	00-S8	N/A	11/29/2021					
HPPG-351A-SUH0-B-001	351ASUH0B01	N	351A	00-S8	N/A	11/29/2021	0.0278 U	U	0.0247	0.0278	Y
HPPG-351A-SUH0-B-002	351ASUH0B02	N	351A	00-S8	N/A	11/29/2021	0.0383 U	U	0.0355	0.0383	Y
HPPG-351A-SUH0-B-003	351ASUH0B03	N	351A	00-S8	N/A	11/29/2021	0.0262 U	U	0.0241	0.0262	Y
HPPG-351A-SUH0-B-004	351ASUH0B04	N	351A	00-S8	N/A	11/29/2021	0.0337		0.0276	0.0279	Y
HPPG-351A-SUI0-001	351ASUI001	N	351A	00-S9	N/A	11/30/2021	0.0352 U	U	0.033	0.0352	Y
HPPG-351A-SUI0-002	351ASUI002	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-003	351ASUI003	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-004	351ASUI004	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-005	351ASUI005	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-006	351ASUI006	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-007	351ASUI007	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-008	351ASUI008	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-009	351ASUI009	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-244	351ASUI009	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-010	351ASUI010	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-011	351ASUI011	N	351A	00-S9	N/A	11/30/2021	0.0259 U	U	0.0222	0.0259	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUI0-012	351ASUI012	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-013	351ASUI013	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-014	351ASUI014	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-015	351ASUI015	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-016	351ASUI016	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-017	351ASUI017	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-018	351ASUI018	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-019	351ASUI019	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-020	351ASUI020	N	351A	00-S9	N/A	11/30/2021					
HPPG-F-245	351ASUI020	FD	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-021	351ASUI021	N	351A	00-S9	N/A	11/30/2021	0.0263 U	U	0.0247	0.0263	Y
HPPG-351A-SUI0-022	351ASUI022	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-023	351ASUI023	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-024	351ASUI024	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-025	351ASUI025	N	351A	00-S9	N/A	11/30/2021					
HPPG-351A-SUI0-B-001	351ASUI0B01	N	351A	00-S9	N/A	11/30/2021	0.0292 U	U	0.0231	0.0292	Y
HPPG-351A-SUI0-B-002	351ASUI0B02	N	351A	00-S9	N/A	11/30/2021	0.0282 U	U	0.0249	0.0282	Y
HPPG-351A-SUI0-B-003	351ASUI0B03	N	351A	00-S9	N/A	11/30/2021	0.0770		0.0324	0.0284	Y
HPPG-351A-SUI0-B-004	351ASUI0B04	N	351A	00-S9	N/A	11/30/2021	0.0262 U	U	0.0235	0.0262	Y
HPPG-351A-SUJ0-001	351ASUJ001	N	351A	00-L1	N/A	12/2/2021	0.0369 U	U	0.0339	0.0369	Y
HPPG-351A-SUJ0-002	351ASUJ002	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-003	351ASUJ003	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-004	351ASUJ004	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-005	351ASUJ005	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-246	351ASUJ005	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-006	351ASUJ006	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-007	351ASUJ007	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-008	351ASUJ008	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-009	351ASUJ009	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-010	351ASUJ010	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-011	351ASUJ011	N	351A	00-L1	N/A	12/2/2021	0.0377 U	U	0.0342	0.0377	Y
HPPG-351A-SUJ0-012	351ASUJ012	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-013	351ASUJ013	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-014	351ASUJ014	N	351A	00-L1	N/A	12/2/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUJ0-015	351ASUJ015	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-016	351ASUJ016	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-017	351ASUJ017	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-018	351ASUJ018	N	351A	00-L1	N/A	12/2/2021					
HPPG-F-247	351ASUJ018	FD	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-019	351ASUJ019	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-020	351ASUJ020	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-021	351ASUJ021	N	351A	00-L1	N/A	12/2/2021	0.0376 U	U	0.0356	0.0376	Y
HPPG-351A-SUJ0-022	351ASUJ022	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-023	351ASUJ023	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-024	351ASUJ024	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-025	351ASUJ025	N	351A	00-L1	N/A	12/2/2021					
HPPG-351A-SUJ0-B-001	351ASUJ0B01	N	351A	00-L1	N/A	12/1/2021	0.0251 U	U	0.0194	0.0251	Y
HPPG-351A-SUJ0-B-002	351ASUJ0B02	N	351A	00-L1	N/A	12/1/2021	0.0490	J	0.036	0.0357	Y
HPPG-351A-SUJ0-B-003	351ASUJ0B03	N	351A	00-L1	N/A	12/1/2021	0.0319 U	U	0.0267	0.0319	Y
HPPG-351A-SUJ0-B-004	351ASUJ0B04	N	351A	00-L1	N/A	12/1/2021	0.0317 U	U	0.027	0.0317	Y
HPPG-351A-SUK0-001	351ASUK001	N	351A	02-S9	N/A	12/2/2021	0.0350 U	UJ	0.026	0.035	Y
HPPG-351A-SUK0-002	351ASUK002	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-003	351ASUK003	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-004	351ASUK004	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-005	351ASUK005	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-006	351ASUK006	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-007	351ASUK007	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-008	351ASUK008	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-009	351ASUK009	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-010	351ASUK010	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-248	351ASUK010	FD	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-011	351ASUK011	N	351A	02-S9	N/A	12/2/2021	0.0316 U	U	0.0287	0.0316	Y
HPPG-351A-SUK0-012	351ASUK012	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-013	351ASUK013	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-014	351ASUK014	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-015	351ASUK015	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-016	351ASUK016	N	351A	02-S9	N/A	12/2/2021					
HPPG-F-249	351ASUK016	FD	351A	02-S9	N/A	12/2/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUK0-017	351ASUK017	N	351A	02-S9	N/A	12/2/2021	0.0440 U	U	0.0221	0.044	Y
HPPG-351A-SUK0-018	351ASUK018	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-019	351ASUK019	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-020	351ASUK020	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-021	351ASUK021	N	351A	02-S9	N/A	12/2/2021	0.0336 U	U	0.0259	0.0336	Y
HPPG-351A-SUK0-022	351ASUK022	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-023	351ASUK023	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-024	351ASUK024	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-025	351ASUK025	N	351A	02-S9	N/A	12/2/2021					
HPPG-351A-SUK0-B-001	351ASUK0B01	N	351A	02-S9	N/A	12/1/2021	0.0446	J	0.0257	0.0244	Y
HPPG-351A-SUK0-B-002	351ASUK0B02	N	351A	02-S9	N/A	12/1/2021	0.0263 U	U	0.0245	0.0263	Y
HPPG-351A-SUK0-B-003	351ASUK0B03	N	351A	02-S9	N/A	12/1/2021	0.0262 U	U	0.0232	0.0262	Y
HPPG-351A-SUK0-B-004	351ASUK0B04	N	351A	02-S9	N/A	12/1/2021	0.0231 U	U	0.0214	0.0231	Y
HPPG-351A-SUL0-001	351ASUL001	N	351A	03-S9	N/A	12/3/2021	0.0279 U	U	0.0232	0.0279	Y
HPPG-351A-SUL0-002	351ASUL002	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-003	351ASUL003	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-004	351ASUL004	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-005	351ASUL005	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-006	351ASUL006	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-007	351ASUL007	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-008	351ASUL008	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-009	351ASUL009	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-010	351ASUL010	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-011	351ASUL011	N	351A	03-S9	N/A	12/3/2021	0.0278 U	U	0.0262	0.0278	Y
HPPG-F-250	351ASUL011	FD	351A	03-S9	N/A	12/3/2021	0.0292 U	U	0.0249	0.0292	Y
HPPG-351A-SUL0-012	351ASUL012	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-013	351ASUL013	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-014	351ASUL014	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-015	351ASUL015	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-016	351ASUL016	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-017	351ASUL017	N	351A	03-S9	N/A	12/3/2021					
HPPG-F-251	351ASUL017	FD	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-018	351ASUL018	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-019	351ASUL019	N	351A	03-S9	N/A	12/3/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUL0-020	351ASUL020	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-021	351ASUL021	N	351A	03-S9	N/A	12/3/2021	0.0238 U	U	0.0201	0.0238	Y
HPPG-351A-SUL0-022	351ASUL022	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-023	351ASUL023	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-024	351ASUL024	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-025	351ASUL025	N	351A	03-S9	N/A	12/3/2021					
HPPG-351A-SUL0-B-001	351ASUL0B01	N	351A	03-S9	N/A	12/3/2021	0.0232 U	U	0.0202	0.0232	Y
HPPG-351A-SUL0-B-002	351ASUL0B02	N	351A	03-S9	N/A	12/3/2021	0.0204 U	U	0.0194	0.0204	Y
HPPG-351A-SUL0-B-003	351ASUL0B03	N	351A	03-S9	N/A	12/3/2021	0.0245 U	U	0.0234	0.0245	Y
HPPG-351A-SUL0-B-004	351ASUL0B04	N	351A	03-S9	N/A	12/3/2021	0.0188 U	U	0.0148	0.0188	Y
HPPG-351A-SUM0-001	351ASUM001	N	351A	04-S9	N/A	12/6/2021	0.0250 U	U	0.0213	0.025	Y
HPPG-351A-SUM0-002	351ASUM002	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-003	351ASUM003	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-004	351ASUM004	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-005	351ASUM005	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-006	351ASUM006	N	351A	04-S9	N/A	12/6/2021					
HPPG-F-254	351ASUM006	FD	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-007	351ASUM007	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-008	351ASUM008	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-009	351ASUM009	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-010	351ASUM010	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-011	351ASUM011	N	351A	04-S9	N/A	12/6/2021	0.0245 U	UJ	0.0126	0.0245	Y
HPPG-F-255	351ASUM011	FD	351A	04-S9	N/A	12/6/2021	0.0279 U	UJ	0.0236	0.0279	Y
HPPG-351A-SUM0-012	351ASUM012	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-013	351ASUM013	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-014	351ASUM014	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-015	351ASUM015	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-016	351ASUM016	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-017	351ASUM017	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-018	351ASUM018	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-019	351ASUM019	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-020	351ASUM020	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-021	351ASUM021	N	351A	04-S9	N/A	12/6/2021	0.0237 U	UJ	0.0118	0.0237	Y
HPPG-351A-SUM0-022	351ASUM022	N	351A	04-S9	N/A	12/6/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUM0-023	351ASUM023	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-024	351ASUM024	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-025	351ASUM025	N	351A	04-S9	N/A	12/6/2021					
HPPG-351A-SUM0-B-001	351ASUM0B01	N	351A	04-S9	N/A	12/6/2021	0.0243 U	U	0.0217	0.0243	Y
HPPG-351A-SUM0-B-002	351ASUM0B02	N	351A	04-S9	N/A	12/6/2021	0.0261 U	U	0.0252	0.0261	Y
HPPG-351A-SUM0-B-003	351ASUM0B03	N	351A	04-S9	N/A	12/6/2021	0.0249 U	U	0.022	0.0249	Y
HPPG-351A-SUM0-B-004	351ASUM0B04	N	351A	04-S9	N/A	12/6/2021	0.0222 U	U	0.0207	0.0222	Y
HPPG-351A-SUN0-001	351ASUN001	N	351A	05-S9	N/A	12/7/2021	0.0210 U	U	0.0196	0.021	Y
HPPG-351A-SUN0-002	351ASUN002	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-003	351ASUN003	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-004	351ASUN004	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-005	351ASUN005	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-256	351ASUN005	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-006	351ASUN006	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-007	351ASUN007	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-008	351ASUN008	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-009	351ASUN009	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-010	351ASUN010	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-011	351ASUN011	N	351A	05-S9	N/A	12/7/2021	0.0233 U	U	0.0199	0.0233	Y
HPPG-351A-SUN0-012	351ASUN012	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-013	351ASUN013	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-014	351ASUN014	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-015	351ASUN015	N	351A	05-S9	N/A	12/7/2021					
HPPG-F-257	351ASUN015	FD	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-016	351ASUN016	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-017	351ASUN017	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-018	351ASUN018	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-019	351ASUN019	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-020	351ASUN020	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-021	351ASUN021	N	351A	05-S9	N/A	12/7/2021	0.0287 U	U	0.0261	0.0287	Y
HPPG-351A-SUN0-022	351ASUN022	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-023	351ASUN023	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-024	351ASUN024	N	351A	05-S9	N/A	12/7/2021					
HPPG-351A-SUN0-025	351ASUN025	N	351A	05-S9	N/A	12/7/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUN0-B-001	351ASUN0B01	N	351A	05-S9	N/A	12/7/2021	0.0358 U	U	0.0328	0.0358	Y
HPPG-351A-SUN0-B-002	351ASUN0B02	N	351A	05-S9	N/A	12/7/2021	0.0317 U	U	0.0299	0.0317	Y
HPPG-351A-SUN0-B-003	351ASUN0B03	N	351A	05-S9	N/A	12/7/2021	0.0400		0.0316	0.0321	Y
HPPG-351A-SUN0-B-004	351ASUN0B04	N	351A	05-S9	N/A	12/7/2021	0.0521 U	U	0.0504	0.0521	Y
HPPG-351A-SUO0-001	351ASUO001	N	351A	06-S9	N/A	12/8/2021	0.0395 U	U	0.0376	0.0395	Y
HPPG-351A-SUO0-002	351ASUO002	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-003	351ASUO003	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-004	351ASUO004	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-005	351ASUO005	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-006	351ASUO006	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-007	351ASUO007	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-008	351ASUO008	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-009	351ASUO009	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-258	351ASUO009	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-010	351ASUO010	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-011	351ASUO011	N	351A	06-S9	N/A	12/8/2021	0.0439		0.0323	0.0324	Y
HPPG-351A-SUO0-012	351ASUO012	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-013	351ASUO013	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-014	351ASUO014	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-015	351ASUO015	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-016	351ASUO016	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-017	351ASUO017	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-018	351ASUO018	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-019	351ASUO019	N	351A	06-S9	N/A	12/8/2021					
HPPG-F-259	351ASUO019	FD	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-020	351ASUO020	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-021	351ASUO021	N	351A	06-S9	N/A	12/8/2021	0.0290 U	U	0.0228	0.029	Y
HPPG-351A-SUO0-022	351ASUO022	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-023	351ASUO023	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-024	351ASUO024	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-025	351ASUO025	N	351A	06-S9	N/A	12/8/2021					
HPPG-351A-SUO0-B-001	351ASUO0B01	N	351A	06-S9	N/A	12/8/2021	0.0273 U	U	0.0227	0.0273	Y
HPPG-351A-SUO0-B-002	351ASUO0B02	N	351A	06-S9	N/A	12/8/2021	0.0326 U	U	0.0273	0.0326	Y
HPPG-351A-SUO0-B-003	351ASUO0B03	N	351A	06-S9	N/A	12/8/2021	0.0310 U	U	0.0273	0.031	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUO0-B-004	351ASUO0B04	N	351A	06-S9	N/A	12/8/2021	0.0378 U	U	0.0337	0.0378	Y
HPPG-351A-SUP0-001	351ASUP001	N	351A	07-S9	N/A	12/9/2021	0.0258 U	U	0.0244	0.0258	Y
HPPG-351A-SUP0-002	351ASUP002	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-003	351ASUP003	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-004	351ASUP004	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-005	351ASUP005	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-006	351ASUP006	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-007	351ASUP007	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-008	351ASUP008	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-009	351ASUP009	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-260	351ASUP009	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-010	351ASUP010	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-011	351ASUP011	N	351A	07-S9	N/A	12/9/2021	0.0240 U	U	0.0218	0.024	Y
HPPG-351A-SUP0-012	351ASUP012	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-013	351ASUP013	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-014	351ASUP014	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-015	351ASUP015	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-016	351ASUP016	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-017	351ASUP017	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-018	351ASUP018	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-019	351ASUP019	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-020	351ASUP020	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-021	351ASUP021	N	351A	07-S9	N/A	12/9/2021	0.0262	J	0.0217	0.0215	Y
HPPG-351A-SUP0-022	351ASUP022	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-023	351ASUP023	N	351A	07-S9	N/A	12/9/2021					
HPPG-F-261	351ASUP023	FD	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-024	351ASUP024	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-025	351ASUP025	N	351A	07-S9	N/A	12/9/2021					
HPPG-351A-SUP0-B-001	351ASUP0B01	N	351A	07-S9	N/A	12/9/2021	0.0239 U	U	0.0197	0.0239	Y
HPPG-351A-SUP0-B-002	351ASUP0B02	N	351A	07-S9	N/A	12/9/2021	0.0226 U	U	0.0201	0.0226	Y
HPPG-351A-SUP0-B-003	351ASUP0B03	N	351A	07-S9	N/A	12/9/2021	0.0286 U	U	0.0255	0.0286	Y
HPPG-351A-SUP0-B-004	351ASUP0B04	N	351A	07-S9	N/A	12/9/2021	0.0287 U	U	0.0254	0.0287	Y
HPPG-351A-SUT0-001	351ASUT001	N	351A	08-S9	N/A	12/10/2021	0.0497	J	0.0262	0.0242	Y
HPPG-F-264	351ASUT001	FD	351A	08-S9	N/A	12/10/2021	0.0305	J	0.0228	0.0225	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUT0-002	351ASUT002	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-003	351ASUT003	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-004	351ASUT004	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-005	351ASUT005	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-006	351ASUT006	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-007	351ASUT007	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-008	351ASUT008	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-009	351ASUT009	N	351A	08-S9	N/A	12/10/2021					
HPPG-F-265	351ASUT009	FD	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-010	351ASUT010	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-011	351ASUT011	N	351A	08-S9	N/A	12/10/2021	0.0305	J	0.0236	0.0233	Y
HPPG-351A-SUT0-012	351ASUT012	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-013	351ASUT013	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-014	351ASUT014	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-015	351ASUT015	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-016	351ASUT016	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-017	351ASUT017	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-018	351ASUT018	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-019	351ASUT019	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-020	351ASUT020	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-021	351ASUT021	N	351A	08-S9	N/A	12/10/2021	0.0242 U	U	0.021	0.0242	Y
HPPG-351A-SUT0-022	351ASUT022	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-023	351ASUT023	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-024	351ASUT024	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-025	351ASUT025	N	351A	08-S9	N/A	12/10/2021					
HPPG-351A-SUT0-B-001	351ASUT0B01	N	351A	08-S9	N/A	12/10/2021	0.0273 U	U	0.0247	0.0273	Y
HPPG-351A-SUT0-B-002	351ASUT0B02	N	351A	08-S9	N/A	12/10/2021	0.0275 U	U	0.0228	0.0275	Y
HPPG-351A-SUT0-B-003	351ASUT0B03	N	351A	08-S9	N/A	12/10/2021	0.0324	J	0.024	0.0237	Y
HPPG-351A-SUT0-B-004	351ASUT0B04	N	351A	08-S9	N/A	12/10/2021	0.0233 U	U	0.0221	0.0233	Y
HPPG-ESU-TU069A-001	ESUTU069A001	N	TU069	50-L1	ESU	6/28/2021	0.0381		0.0277	0.0281	Y
HPPG-F-097	ESUTU069A001	FD	TU069	50-L1	ESU	6/28/2021	0.0246 U	U	0.0221	0.0246	Y
HPPG-ESU-TU069A-002	ESUTU069A002	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-003	ESUTU069A003	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-004	ESUTU069A004	N	TU069	50-L1	ESU	6/28/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069A-005	ESUTU069A005	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-006	ESUTU069A006	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-007	ESUTU069A007	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-008	ESUTU069A008	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-009	ESUTU069A009	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-010	ESUTU069A010	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-011	ESUTU069A011	N	TU069	50-L1	ESU	6/28/2021	0.0270 U	U	0.0251	0.027	Y
HPPG-F-098	ESUTU069A011	FD	TU069	50-L1	ESU	6/28/2021	0.0250 U	U	0.0207	0.025	Y
HPPG-F-098-A	ESUTU069A011	N				6/28/2021	0.0243 U	U	0.0194	0.0243	Y
HPPG-F-098-B	ESUTU069A011	N				6/28/2021	0.0202 U	U	0.0189	0.0202	Y
HPPG-F-098-C	ESUTU069A011	N				6/28/2021	0.0307		0.0251	0.025	Y
HPPG-F-098-D	ESUTU069A011	N				6/28/2021	0.0257 U	U	0.0246	0.0257	Y
HPPG-ESU-TU069A-012	ESUTU069A012	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-013	ESUTU069A013	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-014	ESUTU069A014	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-015	ESUTU069A015	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-016	ESUTU069A016	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-017	ESUTU069A017	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-018	ESUTU069A018	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-019	ESUTU069A019	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-020	ESUTU069A020	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-021	ESUTU069A021	N	TU069	50-L1	ESU	6/28/2021	0.0251 U	U	0.0232	0.0251	Y
HPPG-ESU-TU069A-022	ESUTU069A022	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-023	ESUTU069A023	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-024	ESUTU069A024	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-025	ESUTU069A025	N	TU069	50-L1	ESU	6/28/2021					
HPPG-ESU-TU069A-B-001	ESUTU069AB01	N	TU069	50-L1	ESU	7/1/2021	0.0275 U	U	0.0237	0.0275	Y
HPPG-ESU-TU069A-B-002	ESUTU069AB02	N	TU069	50-L1	ESU	8/19/2021	0.0247 U	U	0.0204	0.0247	Y
HPPG-ESU-TU069A-B-003	ESUTU069AB03	N	TU069	50-L1	ESU	8/19/2021	0.0226 U	U	0.0206	0.0226	Y
HPPG-ESU-TU069B-001	ESUTU069B01	N	TU069	48-L1	ESU	6/30/2021	0.0264 U	U	0.0235	0.0264	Y
HPPG-F-103	ESUTU069B01	FD	TU069	48-L1	ESU	6/30/2021	0.0289 U	U	0.0223	0.0289	Y
HPPG-F-103-A	ESUTU069B01	N				6/30/2021	0.0275 U	U	0.0252	0.0275	Y
HPPG-F-103-B	ESUTU069B01	N				6/30/2021	0.0248 U	U	0.0212	0.0248	Y
HPPG-F-103-C	ESUTU069B01	N				6/30/2021	0.0284 U	UJ	0.0204	0.0284	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-103-D	ESUTU069B01	N				6/30/2021	0.0276 U	U	0.0223	0.0276	Y
HPPG-ESU-TU069B-002	ESUTU069B02	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-003	ESUTU069B03	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-004	ESUTU069B04	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-005	ESUTU069B05	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-006	ESUTU069B06	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-007	ESUTU069B07	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-008	ESUTU069B08	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-009	ESUTU069B09	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-010	ESUTU069B10	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-011	ESUTU069B11	N	TU069	48-L1	ESU	6/30/2021	0.0299 U	U	0.0249	0.0299	Y
HPPG-F-104	ESUTU069B11	FD	TU069	48-L1	ESU	6/30/2021	0.0361	J	0.0313	0.0322	Y
HPPG-ESU-TU069B-012	ESUTU069B12	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-013	ESUTU069B13	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-014	ESUTU069B14	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-015	ESUTU069B15	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-016	ESUTU069B16	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-017	ESUTU069B17	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-018	ESUTU069B18	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-019	ESUTU069B19	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-020	ESUTU069B20	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-021	ESUTU069B21	N	TU069	48-L1	ESU	6/30/2021	0.0316 U	U	0.0238	0.0316	Y
HPPG-ESU-TU069B-022	ESUTU069B22	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-023	ESUTU069B23	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-024	ESUTU069B24	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-025	ESUTU069B25	N	TU069	48-L1	ESU	6/30/2021					
HPPG-ESU-TU069B-B-001	ESUTU069BB01	N	TU069	48-L1	ESU	7/2/2021	0.0451	J	0.0295	0.0288	Y
HPPG-ESU-TU069B-B-002	ESUTU069BB02	N	TU069	48-L1	ESU	8/20/2021	0.0248 U	U	0.0238	0.0248	Y
HPPG-ESU-TU069B-B-003	ESUTU069BB03	N	TU069	48-L1	ESU	8/20/2021	0.0340 U	UJ	0.0236	0.034	Y
HPPG-ESU-TU069C-001	ESUTU069C01	N	TU069	49-L1	ESU	7/1/2021	0.0294 U	U	0.0252	0.0294	Y
HPPG-F-105	ESUTU069C01	FD	TU069	49-L1	ESU	7/1/2021	0.0263 U	U	0.0246	0.0263	Y
HPPG-ESU-TU069C-002	ESUTU069C02	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-003	ESUTU069C03	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-004	ESUTU069C04	N	TU069	49-L1	ESU	7/1/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-005	ESUTU069C05	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-006	ESUTU069C06	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-007	ESUTU069C07	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-008	ESUTU069C08	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-009	ESUTU069C09	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-010	ESUTU069C10	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-011	ESUTU069C11	N	TU069	49-L1	ESU	7/1/2021	0.0300 U	U	0.0241	0.03	Y
HPPG-F-106	ESUTU069C11	FD	TU069	49-L1	ESU	7/1/2021	0.0241 U	U	0.02	0.0241	Y
HPPG-F-106-A	ESUTU069C11	N				7/1/2021	0.0334 U	U	0.0298	0.0334	Y
HPPG-F-106-B	ESUTU069C11	N				7/1/2021	0.0277 U	U	0.0256	0.0277	Y
HPPG-F-106-C	ESUTU069C11	N				7/1/2021	0.0277 U	U	0.0257	0.0277	Y
HPPG-F-106-D	ESUTU069C11	N				7/1/2021	0.0270 U	U	0.0238	0.027	Y
HPPG-ESU-TU069C-012	ESUTU069C12	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-013	ESUTU069C13	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-014	ESUTU069C14	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-015	ESUTU069C15	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-016	ESUTU069C16	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-017	ESUTU069C17	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-018	ESUTU069C18	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-019	ESUTU069C19	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-020	ESUTU069C20	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-021	ESUTU069C21	N	TU069	49-L1	ESU	7/1/2021	0.0287 U	U	0.0275	0.0287	Y
HPPG-ESU-TU069C-022	ESUTU069C22	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-023	ESUTU069C23	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-024	ESUTU069C24	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-025	ESUTU069C25	N	TU069	49-L1	ESU	7/1/2021					
HPPG-ESU-TU069C-B-001	ESUTU069CB01	N	TU069	49-L1	ESU	7/6/2021	0.0249 U	U	0.0242	0.0249	Y
HPPG-ESU-TU069C-B-001-A	ESUTU069CB01	N				7/6/2021	0.0300 U	U	0.0275	0.03	Y
HPPG-ESU-TU069C-B-001-B	ESUTU069CB01	N				7/6/2021	0.0272 U	U	0.0229	0.0272	Y
HPPG-ESU-TU069C-B-001-C	ESUTU069CB01	N				7/6/2021	0.0405		0.0324	0.0339	Y
HPPG-ESU-TU069C-B-001-D	ESUTU069CB01	N				7/6/2021	0.0291 U	U	0.0239	0.0291	Y
HPPG-ESU-TU069C-B-002	ESUTU069CB02	N	TU069	49-L1	ESU	8/23/2021	0.0269 U	U	0.0218	0.0269	Y
HPPG-ESU-TU069C-B-002-A	ESUTU069CB02	N				8/23/2021	0.0215 U	U	0.02	0.0215	Y
HPPG-ESU-TU069C-B-002-B	ESUTU069CB02	N				8/23/2021	0.0233 U	U	0.0219	0.0233	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU069C-B-002-C	ESUTU069CB02	N				8/23/2021	0.0289 U	U	0.0251	0.0289	Y
HPPG-ESU-TU069C-B-002-D	ESUTU069CB02	N				8/23/2021	0.0241 U	U	0.0229	0.0241	Y
HPPG-ESU-TU069C-B-003	ESUTU069CB03	N	TU069	49-L1	ESU	8/23/2021	0.0208 U	U	0.0163	0.0208	Y
HPPG-ESU-TU069D-001	ESUTU069D01	N	TU069	49-L2	ESU	7/22/2021	0.0269 U	U	0.0228	0.0269	Y
HPPG-F-142	ESUTU069D01	FD	TU069	49-L2	ESU	7/22/2021	0.0262 U	U	0.0206	0.0262	Y
HPPG-ESU-TU069D-002	ESUTU069D02	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-003	ESUTU069D03	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-004	ESUTU069D04	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-005	ESUTU069D05	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-006	ESUTU069D06	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-007	ESUTU069D07	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-008	ESUTU069D08	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-009	ESUTU069D09	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-010	ESUTU069D10	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-011	ESUTU069D11	N	TU069	49-L2	ESU	7/22/2021	0.0228 U	UJ	0.0164	0.0228	Y
HPPG-F-143	ESUTU069D11	FD	TU069	49-L2	ESU	7/22/2021	0.0220 U	U	0.0213	0.022	Y
HPPG-ESU-TU069D-012	ESUTU069D12	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-013	ESUTU069D13	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-014	ESUTU069D14	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-015	ESUTU069D15	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-016	ESUTU069D16	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-017	ESUTU069D17	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-018	ESUTU069D18	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-019	ESUTU069D19	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-020	ESUTU069D20	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-021	ESUTU069D21	N	TU069	49-L2	ESU	7/22/2021	0.0302 U	U	0.0264	0.0302	Y
HPPG-ESU-TU069D-022	ESUTU069D22	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-023	ESUTU069D23	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-024	ESUTU069D24	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-025	ESUTU069D25	N	TU069	49-L2	ESU	7/22/2021					
HPPG-ESU-TU069D-B-001	ESUTU069DB01	N	TU069	49-L2	ESU	7/23/2021	0.0322 U	U	0.0284	0.0322	Y
HPPG-ESU-TU069D-B-002	ESUTU069DB02	N	TU069	49-L2	ESU	8/23/2021	0.0267 U	U	0.0238	0.0267	Y
HPPG-ESU-TU069D-B-003	ESUTU069DB03	N	TU069	49-L2	ESU	8/23/2021	0.0283 U	U	0.0234	0.0283	Y
HPPG-ESU-TU069E-001	ESUTU069E01	N	TU069	48-L2	ESU	7/21/2021	0.0273 U	U	0.0257	0.0273	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-140	ESUTU069E01	FD	TU069	48-L2	ESU	7/21/2021	0.0321 U	U	0.029	0.0321	Y
HPPG-ESU-TU069E-002	ESUTU069E02	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-003	ESUTU069E03	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-004	ESUTU069E04	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-005	ESUTU069E05	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-006	ESUTU069E06	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-007	ESUTU069E07	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-008	ESUTU069E08	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-009	ESUTU069E09	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-010	ESUTU069E10	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-011	ESUTU069E11	N	TU069	48-L2	ESU	7/21/2021	0.0261 U	U	0.0232	0.0261	Y
HPPG-F-141	ESUTU069E11	FD	TU069	48-L2	ESU	7/21/2021	0.0305 U	U	0.0262	0.0305	Y
HPPG-ESU-TU069E-012	ESUTU069E12	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-013	ESUTU069E13	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-014	ESUTU069E14	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-015	ESUTU069E15	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-016	ESUTU069E16	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-017	ESUTU069E17	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-018	ESUTU069E18	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-019	ESUTU069E19	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-020	ESUTU069E20	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-021	ESUTU069E21	N	TU069	48-L2	ESU	7/21/2021	0.0217 U	U	0.0177	0.0217	Y
HPPG-ESU-TU069E-022	ESUTU069E22	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-023	ESUTU069E23	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-024	ESUTU069E24	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-025	ESUTU069E25	N	TU069	48-L2	ESU	7/21/2021					
HPPG-ESU-TU069E-B-001	ESUTU069EB01	N	TU069	48-L2	ESU	7/22/2021	0.0270 U	U	0.0211	0.027	Y
HPPG-ESU-TU069E-B-001-A	ESUTU069EB01	N				7/22/2021	0.0293 U	U	0.0231	0.0293	Y
HPPG-ESU-TU069E-B-001-B	ESUTU069EB01	N				7/22/2021	0.0264 U	U	0.0215	0.0264	Y
HPPG-ESU-TU069E-B-001-C	ESUTU069EB01	N				7/22/2021	0.0266 U	U	0.0239	0.0266	Y
HPPG-ESU-TU069E-B-001-D	ESUTU069EB01	N				7/22/2021	0.0331		0.0285	0.0296	Y
HPPG-ESU-TU069E-B-002	ESUTU069EB02	N	TU069	48-L2	ESU	8/20/2021	0.0283 U	U	0.0252	0.0283	Y
HPPG-ESU-TU069E-B-003	ESUTU069EB03	N	TU069	48-L2	ESU	8/20/2021	0.0411 U	U	0.0318	0.0411	Y
HPPG-ESU-TU070A-001	ESUTU070A001	N	TU070	44-L1	ESU	6/29/2021	0.0319 U	U	0.0279	0.0319	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-101	ESUTU070A001	FD	TU070	44-L1	ESU	6/29/2021	0.0302 U	U	0.0256	0.0302	Y
HPPG-ESU-TU070A-002	ESUTU070A002	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-003	ESUTU070A003	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-004	ESUTU070A004	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-005	ESUTU070A005	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-006	ESUTU070A006	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-007	ESUTU070A007	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-008	ESUTU070A008	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-009	ESUTU070A009	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-010	ESUTU070A010	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-011	ESUTU070A011	N	TU070	44-L1	ESU	6/29/2021	0.0278 U	U	0.0218	0.0278	Y
HPPG-F-102	ESUTU070A011	FD	TU070	44-L1	ESU	6/29/2021	0.0311 U	U	0.0248	0.0311	Y
HPPG-ESU-TU070A-012	ESUTU070A012	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-013	ESUTU070A013	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-014	ESUTU070A014	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-015	ESUTU070A015	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-016	ESUTU070A016	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-017	ESUTU070A017	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-018	ESUTU070A018	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-019	ESUTU070A019	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-020	ESUTU070A020	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-021	ESUTU070A021	N	TU070	44-L1	ESU	6/29/2021	0.0321 U	U	0.026	0.0321	Y
HPPG-ESU-TU070A-022	ESUTU070A022	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-023	ESUTU070A023	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-024	ESUTU070A024	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-025	ESUTU070A025	N	TU070	44-L1	ESU	6/29/2021					
HPPG-ESU-TU070A-B-001	ESUTU070AB01	N	TU070	44-L1	ESU	7/1/2021	0.0369		0.026	0.0259	Y
HPPG-ESU-TU070A-B-002	ESUTU070AB02	N	TU070	44-L1	ESU	8/23/2021	0.0301 U	U	0.0254	0.0301	Y
HPPG-ESU-TU070A-B-003	ESUTU070AB03	N	TU070	44-L1	ESU	8/23/2021	0.0301 U	U	0.0252	0.0301	Y
HPPG-ESU-TU070B-001	ESUTU070B001	N	TU070	45-L1	ESU	6/28/2021	0.0264 U	U	0.0208	0.0264	Y
HPPG-F-095	ESUTU070B001	FD	TU070	45-L1	ESU	6/28/2021	0.0294 U	U	0.0251	0.0294	Y
HPPG-ESU-TU070B-002	ESUTU070B002	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-003	ESUTU070B003	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-004	ESUTU070B004	N	TU070	45-L1	ESU	6/28/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070B-005	ESUTU070B005	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-006	ESUTU070B006	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-007	ESUTU070B007	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-008	ESUTU070B008	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-009	ESUTU070B009	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-010	ESUTU070B010	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-011	ESUTU070B011	N	TU070	45-L1	ESU	6/28/2021	0.0236 U	U	0.0213	0.0236	Y
HPPG-F-096	ESUTU070B011	FD	TU070	45-L1	ESU	6/28/2021	0.0280 U	U	0.023	0.028	Y
HPPG-F-096-A	ESUTU070B011	N				6/28/2021	0.0257 U	U	0.0206	0.0257	Y
HPPG-F-096-B	ESUTU070B011	N				6/28/2021	0.0218 U	U	0.0193	0.0218	Y
HPPG-F-096-C	ESUTU070B011	N				6/28/2021	0.0270 U	U	0.0222	0.027	Y
HPPG-F-096-D	ESUTU070B011	N				6/28/2021	0.0239 U	U	0.0205	0.0239	Y
HPPG-ESU-TU070B-012	ESUTU070B012	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-013	ESUTU070B013	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-014	ESUTU070B014	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-015	ESUTU070B015	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-016	ESUTU070B016	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-017	ESUTU070B017	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-018	ESUTU070B018	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-019	ESUTU070B019	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-020	ESUTU070B020	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-021	ESUTU070B021	N	TU070	45-L1	ESU	6/28/2021	0.0261 U	U	0.0234	0.0261	Y
HPPG-ESU-TU070B-022	ESUTU070B022	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-023	ESUTU070B023	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-024	ESUTU070B024	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-025	ESUTU070B025	N	TU070	45-L1	ESU	6/28/2021					
HPPG-ESU-TU070B-B-001	ESUTU070BB01	N	TU070	45-L1	ESU	7/1/2021	0.0252 U	U	0.0222	0.0252	Y
HPPG-ESU-TU070B-B-002	ESUTU070BB02	N	TU070	45-L1	ESU	8/26/2021	0.0275 U	U	0.0234	0.0275	Y
HPPG-ESU-TU070B-B-003	ESUTU070BB03	N	TU070	45-L1	ESU	8/26/2021	0.0347		0.0263	0.0262	Y
HPPG-ESU-TU070C-001	ESUTU070C01	N	TU070	45-L2	ESU	7/19/2021	0.0262 U	U	0.0227	0.0262	Y
HPPG-F-132	ESUTU070C01	FD	TU070	45-L2	ESU	7/19/2021	0.0285 U	U	0.0218	0.0285	Y
HPPG-ESU-TU070C-002	ESUTU070C02	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-003	ESUTU070C03	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-004	ESUTU070C04	N	TU070	45-L2	ESU	7/19/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070C-005	ESUTU070C05	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-006	ESUTU070C06	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-007	ESUTU070C07	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-008	ESUTU070C08	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-009	ESUTU070C09	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-010	ESUTU070C10	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-011	ESUTU070C11	N	TU070	45-L2	ESU	7/19/2021	0.0270 U	U	0.0219	0.027	Y
HPPG-F-133	ESUTU070C11	FD	TU070	45-L2	ESU	7/19/2021	0.0277 U	U	0.0264	0.0277	Y
HPPG-ESU-TU070C-012	ESUTU070C12	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-013	ESUTU070C13	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-014	ESUTU070C14	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-015	ESUTU070C15	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-016	ESUTU070C16	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-017	ESUTU070C17	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-018	ESUTU070C18	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-019	ESUTU070C19	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-020	ESUTU070C20	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-021	ESUTU070C21	N	TU070	45-L2	ESU	7/19/2021	0.0246 U	U	0.0234	0.0246	Y
HPPG-ESU-TU070C-022	ESUTU070C22	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-023	ESUTU070C23	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-024	ESUTU070C24	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-025	ESUTU070C25	N	TU070	45-L2	ESU	7/19/2021					
HPPG-ESU-TU070C-B-001	ESUTU070CB01	N	TU070	45-L2	ESU	7/20/2021	0.0330		0.0299	0.031	Y
HPPG-ESU-TU070C-B-002	ESUTU070CB02	N	TU070	45-L2	ESU	8/26/2021	0.0370 U	U	0.0298	0.037	Y
HPPG-ESU-TU070C-B-003	ESUTU070CB03	N	TU070	45-L2	ESU	8/26/2021	0.0336 U	U	0.0283	0.0336	Y
HPPG-ESU-TU070D-001	ESUTU070D01	N	TU070	44-L2	ESU	7/20/2021	0.0249 U	U	0.0209	0.0249	Y
HPPG-F-134	ESUTU070D01	FD	TU070	44-L2	ESU	7/20/2021	0.0226 U	U	0.0192	0.0226	Y
HPPG-ESU-TU070D-002	ESUTU070D02	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-003	ESUTU070D03	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-004	ESUTU070D04	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-005	ESUTU070D05	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-006	ESUTU070D06	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-007	ESUTU070D07	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-008	ESUTU070D08	N	TU070	44-L2	ESU	7/20/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070D-009	ESUTU070D09	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-010	ESUTU070D10	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-011	ESUTU070D11	N	TU070	44-L2	ESU	7/20/2021	0.0218 U	U	0.0191	0.0218	Y
HPPG-F-135	ESUTU070D11	FD	TU070	44-L2	ESU	7/20/2021	0.0315 U	U	0.0258	0.0315	Y
HPPG-ESU-TU070D-012	ESUTU070D12	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-013	ESUTU070D13	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-014	ESUTU070D14	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-015	ESUTU070D15	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-016	ESUTU070D16	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-017	ESUTU070D17	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-018	ESUTU070D18	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-019	ESUTU070D19	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-020	ESUTU070D20	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-021	ESUTU070D21	N	TU070	44-L2	ESU	7/20/2021	0.0317 U	U	0.0286	0.0317	Y
HPPG-ESU-TU070D-022	ESUTU070D22	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-023	ESUTU070D23	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-024	ESUTU070D24	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-025	ESUTU070D25	N	TU070	44-L2	ESU	7/20/2021					
HPPG-ESU-TU070D-B-001	ESUTU070DB01	N	TU070	44-L2	ESU	7/21/2021	0.0266 U	U	0.024	0.0266	Y
HPPG-ESU-TU070D-B-002	ESUTU070DB02	N	TU070	44-L2	ESU	8/23/2021	0.0275 U	U	0.0238	0.0275	Y
HPPG-ESU-TU070D-B-003	ESUTU070DB03	N	TU070	44-L2	ESU	8/23/2021	0.0598		0.0278	0.025	Y
HPPG-ESU-TU070E-001	ESUTU070E01	N	TU070	57-L1	ESU	7/28/2021	0.0288 U	U	0.0261	0.0288	Y
HPPG-F-150	ESUTU070E01	FD	TU070	57-L1	ESU	7/28/2021	0.0220 U	U	0.0188	0.022	Y
HPPG-ESU-TU070E-002	ESUTU070E02	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-003	ESUTU070E03	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-004	ESUTU070E04	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-005	ESUTU070E05	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-006	ESUTU070E06	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-007	ESUTU070E07	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-008	ESUTU070E08	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-009	ESUTU070E09	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-010	ESUTU070E10	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-011	ESUTU070E11	N	TU070	57-L1	ESU	7/28/2021	0.0265 U	U	0.0239	0.0265	Y
HPPG-F-151	ESUTU070E11	FD	TU070	57-L1	ESU	7/28/2021	0.0249 U	U	0.0206	0.0249	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU070E-012	ESUTU070E12	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-013	ESUTU070E13	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-014	ESUTU070E14	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-015	ESUTU070E15	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-016	ESUTU070E16	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-017	ESUTU070E17	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-018	ESUTU070E18	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-019	ESUTU070E19	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-020	ESUTU070E20	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-021	ESUTU070E21	N	TU070	57-L1	ESU	7/28/2021	0.0238 U	U	0.0212	0.0238	Y
HPPG-ESU-TU070E-022	ESUTU070E22	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-023	ESUTU070E23	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-024	ESUTU070E24	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-025	ESUTU070E25	N	TU070	57-L1	ESU	7/28/2021					
HPPG-ESU-TU070E-B-001	ESUTU070EB01	N	TU070	57-L1	ESU	7/29/2021	0.0353		0.0285	0.0288	Y
HPPG-ESU-TU070E-B-001-A	ESUTU070EB01	N				7/29/2021	0.0289 U	U	0.0256	0.0289	Y
HPPG-ESU-TU070E-B-001-B	ESUTU070EB01	N				7/29/2021	0.0355 U	U	0.0308	0.0355	Y
HPPG-ESU-TU070E-B-001-C	ESUTU070EB01	N				7/29/2021	0.0299 U	U	0.0241	0.0299	Y
HPPG-ESU-TU070E-B-001-D	ESUTU070EB01	N				7/29/2021	0.0276 U	U	0.0261	0.0276	Y
HPPG-ESU-TU070E-B-002	ESUTU070EB02	N	TU070	57-L1	ESU	8/18/2021	0.0262		0.0228	0.0232	Y
HPPG-ESU-TU070E-B-003	ESUTU070EB03	N	TU070	57-L1	ESU	8/18/2021	0.0347		0.0231	0.0221	Y
HPPG-ESU-TU076A-001	ESUTU076A01	N	TU076	72-L1	ESU	5/22/2023	0.0190 U	UJ	0.0206	0.019	Y
HPPG-ESU-TU076A-002	ESUTU076A02	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-003	ESUTU076A03	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-004	ESUTU076A04	N	TU076	72-L1	ESU	5/22/2023					
HPPG-F-292	ESUTU076A04	FD	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-005	ESUTU076A05	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-006	ESUTU076A06	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-007	ESUTU076A07	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-008	ESUTU076A08	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-009	ESUTU076A09	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-010	ESUTU076A10	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-011	ESUTU076A11	N	TU076	72-L1	ESU	5/22/2023	0.0340	J	0.0345	0.0262	Y
HPPG-F-293	ESUTU076A11	FD	TU076	72-L1	ESU	5/22/2023	0.0171 U	U	0.0227	0.0171	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076A-012	ESUTU076A12	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-013	ESUTU076A13	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-014	ESUTU076A14	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-015	ESUTU076A15	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-016	ESUTU076A16	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-017	ESUTU076A17	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-018	ESUTU076A18	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-019	ESUTU076A19	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-020	ESUTU076A20	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-021	ESUTU076A21	N	TU076	72-L1	ESU	5/22/2023	0.0199 U	U	0.0243	0.0199	Y
HPPG-F-294	ESUTU076A21	FD	TU076	72-L1	ESU	5/22/2023	0.0228	J	0.0278	0.021	Y
HPPG-ESU-TU076A-022	ESUTU076A22	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-023	ESUTU076A23	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-024	ESUTU076A24	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-025	ESUTU076A25	N	TU076	72-L1	ESU	5/22/2023					
HPPG-ESU-TU076A-B-001	ESUTU076AB01	N	TU076	72-L1	ESU	5/24/2023	0.0235 U	U	0.0284	0.0235	Y
HPPG-ESU-TU076A-B-002	ESUTU076AB02	N	TU076	72-L1	ESU	5/24/2023	0.0295		0.0321	0.0241	Y
HPPG-ESU-TU076A-B-003	ESUTU076AB03	N	TU076	72-L1	ESU	5/24/2023	0.0192 U	U	0.0233	0.0192	Y
HPPG-ESU-TU076B-001	ESUTU076B01	N	TU076	73-L1	ESU	5/16/2023	0.0202	J	0.0248	0.0184	Y
HPPG-ESU-TU076B-002	ESUTU076B02	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-003	ESUTU076B03	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-004	ESUTU076B04	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-005	ESUTU076B05	N	TU076	73-L1	ESU	5/16/2023					
HPPG-F-286	ESUTU076B05	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-006	ESUTU076B06	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-007	ESUTU076B07	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-008	ESUTU076B08	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-009	ESUTU076B09	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-010	ESUTU076B10	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-011	ESUTU076B11	N	TU076	73-L1	ESU	5/16/2023	0.0179 U	U	0.0221	0.0179	Y
HPPG-ESU-TU076B-012	ESUTU076B12	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-013	ESUTU076B13	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-014	ESUTU076B14	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-015	ESUTU076B15	N	TU076	73-L1	ESU	5/16/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-287	ESUTU076B15	FD	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-016	ESUTU076B16	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-017	ESUTU076B17	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-018	ESUTU076B18	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-019	ESUTU076B19	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-020	ESUTU076B20	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-021	ESUTU076B21	N	TU076	73-L1	ESU	5/16/2023	0.0192 U	UJ	0.0205	0.0192	Y
HPPG-F-288	ESUTU076B21	FD	TU076	73-L1	ESU	5/16/2023	0.0537	J	0.0316	0.0213	Y
HPPG-ESU-TU076B-022	ESUTU076B22	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-023	ESUTU076B23	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-024	ESUTU076B24	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-025	ESUTU076B25	N	TU076	73-L1	ESU	5/16/2023					
HPPG-ESU-TU076B-B-001	ESUTU076BB01	N	TU076	73-L1	ESU	5/17/2023	0.0178 U	U	0.0216	0.0178	Y
HPPG-ESU-TU076B-B-002	ESUTU076BB02	N	TU076	73-L1	ESU	5/17/2023	0.0175 U	U	0.0218	0.0175	Y
HPPG-ESU-TU076B-B-003	ESUTU076BB03	N	TU076	73-L1	ESU	5/17/2023	0.0166 U	U	0.0185	0.0166	Y
HPPG-ESU-TU076C-001	ESUTU076C01	N	TU076	75-L1	ESU	5/18/2023	0.0175 U	U	0.0213	0.0175	Y
HPPG-F-289	ESUTU076C01	FD	TU076	75-L1	ESU	5/18/2023	0.0276	J	0.0235	0.0166	Y
HPPG-ESU-TU076C-002	ESUTU076C02	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-003	ESUTU076C03	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-004	ESUTU076C04	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-005	ESUTU076C05	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-006	ESUTU076C06	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-007	ESUTU076C07	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-008	ESUTU076C08	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-009	ESUTU076C09	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-010	ESUTU076C10	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-011	ESUTU076C11	N	TU076	75-L1	ESU	5/18/2023	0.0195 U	U	0.0226	0.0195	Y
HPPG-F-290	ESUTU076C11	FD	TU076	75-L1	ESU	5/18/2023	0.0201 U	U	0.0231	0.0201	Y
HPPG-ESU-TU076C-012	ESUTU076C12	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-013	ESUTU076C13	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-014	ESUTU076C14	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-015	ESUTU076C15	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-016	ESUTU076C16	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-017	ESUTU076C17	N	TU076	75-L1	ESU	5/18/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076C-018	ESUTU076C18	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-019	ESUTU076C19	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-020	ESUTU076C20	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-021	ESUTU076C21	N	TU076	75-L1	ESU	5/18/2023	0.0217 U	U	0.0251	0.0217	Y
HPPG-F-291	ESUTU076C21	FD	TU076	75-L1	ESU	5/18/2023	0.0273	J	0.0332	0.0253	Y
HPPG-ESU-TU076C-022	ESUTU076C22	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-023	ESUTU076C23	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-024	ESUTU076C24	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-025	ESUTU076C25	N	TU076	75-L1	ESU	5/18/2023					
HPPG-ESU-TU076C-B-001	ESUTU076CB01	N	TU076	75-L1	ESU	5/22/2023	0.0183 U	U	0.0211	0.0183	Y
HPPG-ESU-TU076C-B-002	ESUTU076CB02	N	TU076	75-L1	ESU	5/22/2023	0.0179 U	U	0.0208	0.0179	Y
HPPG-ESU-TU076C-B-003	ESUTU076CB03	N	TU076	75-L1	ESU	5/22/2023	0.0165 U	U	0.0186	0.0165	Y
HPPG-ESU-TU076C-B-004	ESUTU076CB04	N	TU076	75-L1	ESU	7/26/2023	0.0178 U	U	0.0293	0.0226	Y
HPPG-ESU-TU076C-B-005	ESUTU076CB05	N	TU076	75-L1	ESU	7/26/2023	-0.0317 U	UJ	0.0291	0.0265	Y
HPPG-ESU-TU076C-B-006	ESUTU076CB06	N	TU076	75-L1	ESU	7/26/2023	-0.0067 U	U	0.0314	0.0263	Y
HPPG-ESU-TU076D-001	ESUTU076D001	N	TU076	76-L1	ESU	6/5/2023	0.0294		0.0244	0.0175	Y
HPPG-ESU-TU076D-002	ESUTU076D002	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-003	ESUTU076D003	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-004	ESUTU076D04	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-005	ESUTU076D05	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-006	ESUTU076D06	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-007	ESUTU076D07	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-008	ESUTU076D08	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-009	ESUTU076D09	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-010	ESUTU076D10	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-011	ESUTU076D11	N	TU076	76-L1	ESU	6/5/2023	0.0197 U	U	0.0243	0.0197	Y
HPPG-ESU-TU076D-012	ESUTU076D12	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-013	ESUTU076D13	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-014	ESUTU076D14	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-015	ESUTU076D15	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-016	ESUTU076D16	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-017	ESUTU076D17	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-018	ESUTU076D18	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-019	ESUTU076D19	N	TU076	76-L1	ESU	6/5/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076D-020	ESUTU076D20	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-021	ESUTU076D21	N	TU076	76-L1	ESU	6/5/2023	0.0187 U	U	0.0231	0.0187	Y
HPPG-ESU-TU076D-022	ESUTU076D22	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-023	ESUTU076D23	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-024	ESUTU076D24	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-025	ESUTU076D25	N	TU076	76-L1	ESU	6/5/2023					
HPPG-ESU-TU076D-B-001	ESUTU076DB01	N	TU076	76-L1	ESU	6/7/2023	0.0183		0.0219	0.0163	Y
HPPG-ESU-TU076D-B-002	ESUTU076DB02	N	TU076	76-L1	ESU	6/7/2023	0.0241		0.026	0.0191	Y
HPPG-ESU-TU076D-B-003	ESUTU076DB03	N	TU076	76-L1	ESU	6/7/2023	0.0193 U	U	0.0251	0.0193	Y
HPPG-ESU-TU076E-001	ESUTU076E01	N	TU076	77-L1	ESU	5/31/2023	0.0275 U	U	0.0324	0.0275	Y
HPPG-ESU-TU076E-B-001	ESUTU076E01	N	TU076	77-L1	ESU	6/5/2023	0.0255 U	U	0.0295	0.0255	Y
HPPG-ESU-TU076E-010	ESUTU076E010	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-011	ESUTU076E011	N	TU076	77-L1	ESU	5/31/2023	0.0207 U	U	0.0253	0.0207	Y
HPPG-ESU-TU076E-012	ESUTU076E012	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-013	ESUTU076E013	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-014	ESUTU076E014	N	TU076	77-L1	ESU	5/31/2023					
HPPG-F-299	ESUTU076E014	FD	TU076	77-L1	ESU	5/31/2023	0.0196 U	U	0.0247	0.0196	Y
HPPG-ESU-TU076E-015	ESUTU076E015	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-016	ESUTU076E016	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-017	ESUTU076E017	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-018	ESUTU076E018	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-019	ESUTU076E019	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-002	ESUTU076E02	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-002	ESUTU076E02	N	TU076	77-L1	ESU	6/5/2023	0.0263 U	UJ	0.0297	0.0263	Y
HPPG-ESU-TU076E-020	ESUTU076E020	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-021	ESUTU076E021	N	TU076	77-L1	ESU	5/31/2023	0.0217 U	U	0.0265	0.0217	Y
HPPG-F-300	ESUTU076E021	FD	TU076	77-L1	ESU	5/31/2023	0.0200 U	U	0.0242	0.02	Y
HPPG-ESU-TU076E-022	ESUTU076E022	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-023	ESUTU076E023	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-024	ESUTU076E024	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-025	ESUTU076E025	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-003	ESUTU076E03	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-B-003	ESUTU076E03	N	TU076	77-L1	ESU	6/5/2023	0.0486 U	UJ	0.0632	0.0486	Y
HPPG-ESU-TU076E-004	ESUTU076E04	N	TU076	77-L1	ESU	5/31/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-298	ESUTU076E04	FD	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-005	ESUTU076E05	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-006	ESUTU076E06	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-007	ESUTU076E07	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-008	ESUTU076E08	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076E-009	ESUTU076E09	N	TU076	77-L1	ESU	5/31/2023					
HPPG-ESU-TU076F-001	ESUTU076F01	N	TU076	72-L2	ESU	6/1/2023	0.0225 U	U	0.0265	0.0225	Y
HPPG-ESU-TU076F-B-001	ESUTU076F01	N	TU076	72-L2	ESU	6/5/2023	0.0206 U	U	0.0249	0.0206	Y
HPPG-F-301	ESUTU076F01	FD	TU076	72-L2	ESU	6/1/2023	0.0221 U	U	0.0268	0.0221	Y
HPPG-ESU-TU076F-010	ESUTU076F010	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-011	ESUTU076F011	N	TU076	72-L2	ESU	6/1/2023	0.0183 U	U	0.021	0.0183	Y
HPPG-ESU-TU076F-012	ESUTU076F012	N	TU076	72-L2	ESU	6/1/2023					
HPPG-F-302	ESUTU076F012	FD	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-013	ESUTU076F013	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-014	ESUTU076F014	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-015	ESUTU076F015	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-016	ESUTU076F016	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-017	ESUTU076F017	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-018	ESUTU076F018	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-019	ESUTU076F019	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-002	ESUTU076F02	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-002	ESUTU076F02	N	TU076	72-L2	ESU	6/5/2023	0.0156 U	U	0.0185	0.0156	Y
HPPG-ESU-TU076F-020	ESUTU076F020	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-021	ESUTU076F021	N	TU076	72-L2	ESU	6/1/2023	0.0218 U	U	0.0281	0.0218	Y
HPPG-F-303	ESUTU076F021	FD	TU076	72-L2	ESU	6/1/2023	0.0222 U	U	0.0268	0.0222	Y
HPPG-ESU-TU076F-022	ESUTU076F022	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-023	ESUTU076F023	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-024	ESUTU076F024	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-025	ESUTU076F025	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-003	ESUTU076F03	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-B-003	ESUTU076F03	N	TU076	72-L2	ESU	6/5/2023	0.0135 U	U	0.0174	0.0135	Y
HPPG-ESU-TU076F-004	ESUTU076F04	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-005	ESUTU076F05	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-006	ESUTU076F06	N	TU076	72-L2	ESU	6/1/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU076F-007	ESUTU076F07	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-008	ESUTU076F08	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU076F-009	ESUTU076F09	N	TU076	72-L2	ESU	6/1/2023					
HPPG-ESU-TU077A-001	ESUTU077A01	N	TU077	01-L1	ESU	11/11/2020	0.0297 U	U	0.0248	0.0297	Y
HPPG-F-033	ESUTU077A01	FD	TU077	01-L1	ESU	11/11/2020	0.0304 U	U	0.0245	0.0304	Y
HPPG-ESU-TU077A-002	ESUTU077A02	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-003	ESUTU077A03	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-004	ESUTU077A04	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-005	ESUTU077A05	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-006	ESUTU077A06	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-007	ESUTU077A07	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-008	ESUTU077A08	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-009	ESUTU077A09	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-010	ESUTU077A10	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-011	ESUTU077A11	N	TU077	01-L1	ESU	11/11/2020	0.0298 U	U	0.0235	0.0298	Y
HPPG-ESU-TU077A-012	ESUTU077A12	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-013	ESUTU077A13	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-014	ESUTU077A14	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-015	ESUTU077A15	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-016	ESUTU077A16	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-017	ESUTU077A17	N	TU077	01-L1	ESU	11/11/2020					
HPPG-F-034	ESUTU077A17	FD	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-018	ESUTU077A18	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-019	ESUTU077A19	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-020	ESUTU077A20	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-021	ESUTU077A21	N	TU077	01-L1	ESU	11/11/2020	0.0274 U	U	0.0209	0.0274	Y
HPPG-ESU-TU077A-022	ESUTU077A22	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-023	ESUTU077A23	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-024	ESUTU077A24	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-025	ESUTU077A25	N	TU077	01-L1	ESU	11/11/2020					
HPPG-ESU-TU077A-B-001	ESUTU077AB01	N	TU077	01-L1	ESU	11/11/2020	0.0375 U	U	0.0315	0.0375	Y
HPPG-ESU-TU077B-001	ESUTU077B01	N	TU077	01-L2	ESU	12/1/2020	0.0551		0.029	0.0267	Y
HPPG-ESU-TU077B-002	ESUTU077B02	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-003	ESUTU077B03	N	TU077	01-L2	ESU	12/1/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077B-004	ESUTU077B04	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-005	ESUTU077B05	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-006	ESUTU077B06	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-007	ESUTU077B07	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-008	ESUTU077B08	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-009	ESUTU077B09	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-051	ESUTU077B09	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-010	ESUTU077B10	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-011	ESUTU077B11	N	TU077	01-L2	ESU	12/1/2020	0.0274 U	U	0.0233	0.0274	Y
HPPG-ESU-TU077B-012	ESUTU077B12	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-013	ESUTU077B13	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-014	ESUTU077B14	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-015	ESUTU077B15	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-016	ESUTU077B16	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-017	ESUTU077B17	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-018	ESUTU077B18	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-019	ESUTU077B19	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-020	ESUTU077B20	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-021	ESUTU077B21	N	TU077	01-L2	ESU	12/1/2020	0.0266 U	UJ	0.0194	0.0266	Y
HPPG-ESU-TU077B-022	ESUTU077B22	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-023	ESUTU077B23	N	TU077	01-L2	ESU	12/1/2020					
HPPG-F-052	ESUTU077B23	FD	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-024	ESUTU077B24	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-025	ESUTU077B25	N	TU077	01-L2	ESU	12/1/2020					
HPPG-ESU-TU077B-B-001	ESUTU077BB01	N	TU077	01-L2	ESU	12/2/2020	0.0222 U	U	0.018	0.0222	Y
HPPG-ESU-TU077C-001	ESUTU077C01	N	TU077	01-L3	ESU	6/15/2021	0.0303 U	U	0.0257	0.0303	Y
HPPG-ESU-TU077C-001-A	ESUTU077C01	N				6/15/2021	0.0216 U	U	0.0174	0.0216	Y
HPPG-ESU-TU077C-001-B	ESUTU077C01	N				6/15/2021	0.0272 U	U	0.0214	0.0272	Y
HPPG-ESU-TU077C-001-C	ESUTU077C01	N				6/15/2021	0.0216 U	U	0.0181	0.0216	Y
HPPG-ESU-TU077C-001-D	ESUTU077C01	N				6/15/2021	0.0206 U	U	0.0167	0.0206	Y
HPPG-F-081	ESUTU077C01	FD	TU077	01-L3	ESU	6/15/2021	0.0319 U	U	0.0271	0.0319	Y
HPPG-ESU-TU077C-010A	ESUTU077C010A	N				6/22/2021					
HPPG-F-082A	ESUTU077C010A	FD				6/22/2021					
HPPG-ESU-TU077C-002	ESUTU077C02	N	TU077	01-L3	ESU	6/15/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077C-003	ESUTU077C03	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-004	ESUTU077C04	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-005	ESUTU077C05	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-006	ESUTU077C06	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-007	ESUTU077C07	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-008	ESUTU077C08	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-009	ESUTU077C09	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-010	ESUTU077C10	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-011	ESUTU077C11	N	TU077	01-L3	ESU	6/15/2021	0.0293 U	U	0.0239	0.0293	Y
HPPG-ESU-TU077C-012	ESUTU077C12	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-013	ESUTU077C13	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-014	ESUTU077C14	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-015	ESUTU077C15	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-016	ESUTU077C16	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-017	ESUTU077C17	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-018	ESUTU077C18	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-019	ESUTU077C19	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-020	ESUTU077C20	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-021	ESUTU077C21	N	TU077	01-L3	ESU	6/15/2021	0.0320 U	U	0.0267	0.032	Y
HPPG-ESU-TU077C-021-A	ESUTU077C21	N				6/15/2021	0.0292 U	UJ	0.0211	0.0292	Y
HPPG-ESU-TU077C-021-B	ESUTU077C21	N				6/15/2021	0.0332 U	U	0.0279	0.0332	Y
HPPG-ESU-TU077C-021-C	ESUTU077C21	N				6/15/2021	0.0306 U	U	0.0245	0.0306	Y
HPPG-ESU-TU077C-021-D	ESUTU077C21	N				6/15/2021	0.0332 U	U	0.0288	0.0332	Y
HPPG-ESU-TU077C-022	ESUTU077C22	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-023	ESUTU077C23	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-024	ESUTU077C24	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-025	ESUTU077C25	N	TU077	01-L3	ESU	6/15/2021					
HPPG-ESU-TU077C-B-001	ESUTU077CB01	N	TU077	01-L3	ESU	6/18/2021	0.0263 U	U	0.0217	0.0263	Y
HPPG-ESU-TU077C-B-002	ESUTU077CB02	N	TU077	01-L3	ESU	8/25/2021	0.0279 U	U	0.0243	0.0279	Y
HPPG-ESU-TU077C-B-003	ESUTU077CB03	N	TU077	01-L3	ESU	8/25/2021	0.0296 U	U	0.0266	0.0296	Y
HPPG-ESU-TU077D-001	ESUTU077D001	N	TU077	14-L1	ESU	6/2/2021	0.0229 U	U	0.0206	0.0229	Y
HPPG-ESU-TU077D-001-A	ESUTU077D001	N				6/2/2021	0.0316 U	U	0.024	0.0316	Y
HPPG-ESU-TU077D-001-B	ESUTU077D001	N				6/2/2021	0.0316 U	U	0.0262	0.0316	Y
HPPG-ESU-TU077D-001-C	ESUTU077D001	N				6/2/2021	0.0331 U	U	0.029	0.0331	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077D-001-D	ESUTU077D001	N				6/2/2021	0.0262 U	U	0.0211	0.0262	Y
HPPG-ESU-TU077D-002	ESUTU077D002	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-003	ESUTU077D003	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-004	ESUTU077D004	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-005	ESUTU077D005	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-006	ESUTU077D006	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-007	ESUTU077D007	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-008	ESUTU077D008	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-009	ESUTU077D009	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-010	ESUTU077D010	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-011	ESUTU077D011	N	TU077	14-L1	ESU	6/2/2021	0.0225 U	U	0.0193	0.0225	Y
HPPG-ESU-TU077D-011-A	ESUTU077D011	N				6/2/2021	0.0249 U	U	0.0227	0.0249	Y
HPPG-ESU-TU077D-011-B	ESUTU077D011	N				6/2/2021	0.0258		0.0237	0.0243	Y
HPPG-ESU-TU077D-011-C	ESUTU077D011	N				6/2/2021	0.0249 U	U	0.0191	0.0249	Y
HPPG-ESU-TU077D-011-D	ESUTU077D011	N				6/2/2021	0.0247 U	U	0.0226	0.0247	Y
HPPG-ESU-TU077D-012	ESUTU077D012	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-013	ESUTU077D013	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-014	ESUTU077D014	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-015	ESUTU077D015	N	TU077	14-L1	ESU	6/2/2021					
HPPG-F-061	ESUTU077D015	FD	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-016	ESUTU077D016	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-017	ESUTU077D017	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-018	ESUTU077D018	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-019	ESUTU077D019	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-020	ESUTU077D020	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-021	ESUTU077D021	N	TU077	14-L1	ESU	6/2/2021	0.0249 U	U	0.0199	0.0249	Y
HPPG-F-062	ESUTU077D021	FD	TU077	14-L1	ESU	6/2/2021	0.0280 U	U	0.026	0.028	Y
HPPG-ESU-TU077D-022	ESUTU077D022	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-023	ESUTU077D023	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-024	ESUTU077D024	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-025	ESUTU077D025	N	TU077	14-L1	ESU	6/2/2021					
HPPG-ESU-TU077D-B-001	ESUTU077DB01	N	TU077	14-L1	ESU	6/7/2021	0.0293 U	U	0.0261	0.0293	Y
HPPG-ESU-TU077E-001	ESUTU077E01	N	TU077	14-L2	ESU	7/7/2021	0.0235 U	U	0.02	0.0235	Y
HPPG-F-112	ESUTU077E01	FD	TU077	14-L2	ESU	7/7/2021	0.0239 U	U	0.0192	0.0239	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077E-002	ESUTU077E02	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-003	ESUTU077E03	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-004	ESUTU077E04	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-005	ESUTU077E05	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-006	ESUTU077E06	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-007	ESUTU077E07	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-008	ESUTU077E08	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-009	ESUTU077E09	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-010	ESUTU077E10	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-011	ESUTU077E11	N	TU077	14-L2	ESU	7/7/2021	0.0253 U	U	0.0237	0.0253	Y
HPPG-F-113	ESUTU077E11	FD	TU077	14-L2	ESU	7/7/2021	0.0325 U	U	0.0249	0.0325	Y
HPPG-ESU-TU077E-012	ESUTU077E12	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-013	ESUTU077E13	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-014	ESUTU077E14	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-015	ESUTU077E15	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-016	ESUTU077E16	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-017	ESUTU077E17	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-018	ESUTU077E18	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-019	ESUTU077E19	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-020	ESUTU077E20	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-021	ESUTU077E21	N	TU077	14-L2	ESU	7/7/2021	0.0281 U	U	0.0243	0.0281	Y
HPPG-ESU-TU077E-022	ESUTU077E22	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-023	ESUTU077E23	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-024	ESUTU077E24	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-025	ESUTU077E25	N	TU077	14-L2	ESU	7/7/2021					
HPPG-ESU-TU077E-B-001	ESUTU077EB01	N	TU077	14-L2	ESU	7/12/2021	0.0262 U	U	0.022	0.0262	Y
HPPG-ESU-TU077E-B-002	ESUTU077EB02	N	TU077	14-L2	ESU	8/25/2021	0.0328 U	U	0.0282	0.0328	Y
HPPG-ESU-TU077F-001	ESUTU077F01	N	TU077	52-L1	ESU	7/8/2021	0.0239 U	U	0.0223	0.0239	Y
HPPG-F-114	ESUTU077F01	FD	TU077	52-L1	ESU	7/8/2021	0.0293 U	U	0.0255	0.0293	Y
HPPG-ESU-TU077F-002	ESUTU077F02	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-003	ESUTU077F03	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-004	ESUTU077F04	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-005	ESUTU077F05	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-006	ESUTU077F06	N	TU077	52-L1	ESU	7/8/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077F-007	ESUTU077F07	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-008	ESUTU077F08	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-009	ESUTU077F09	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-010	ESUTU077F10	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-011	ESUTU077F11	N	TU077	52-L1	ESU	7/8/2021	0.0262 U	U	0.0238	0.0262	Y
HPPG-F-115	ESUTU077F11	FD	TU077	52-L1	ESU	7/8/2021	0.0266 U	U	0.0237	0.0266	Y
HPPG-ESU-TU077F-012	ESUTU077F12	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-013	ESUTU077F13	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-014	ESUTU077F14	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-015	ESUTU077F15	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-016	ESUTU077F16	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-017	ESUTU077F17	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-018	ESUTU077F18	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-019	ESUTU077F19	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-020	ESUTU077F20	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-021	ESUTU077F21	N	TU077	52-L1	ESU	7/8/2021	0.0259 U	U	0.0244	0.0259	Y
HPPG-ESU-TU077F-022	ESUTU077F22	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-023	ESUTU077F23	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-024	ESUTU077F24	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-025	ESUTU077F25	N	TU077	52-L1	ESU	7/8/2021					
HPPG-ESU-TU077F-B-001	ESUTU077FB01	N	TU077	52-L1	ESU	7/12/2021	0.0262 U	U	0.0212	0.0262	Y
HPPG-ESU-TU077F-B-002	ESUTU077FB02	N	TU077	52-L1	ESU	8/19/2021	0.0239 U		0.0208	0.0239	Y
HPPG-ESU-TU077F-B-003	ESUTU077FB03	N	TU077	52-L1	ESU	8/19/2021	0.0234 U		0.022	0.0234	Y
HPPG-ESU-TU077G-001	ESUTU077G01	N	TU077	01-L4	ESU	7/9/2021	0.0363		0.0233	0.0224	Y
HPPG-F-118	ESUTU077G01	FD	TU077	01-L4	ESU	7/9/2021	0.0257 U	U	0.0235	0.0257	Y
HPPG-ESU-TU077G-002	ESUTU077G02	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-003	ESUTU077G03	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-004	ESUTU077G04	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-005	ESUTU077G05	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-006	ESUTU077G06	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-007	ESUTU077G07	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-008	ESUTU077G08	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-009	ESUTU077G09	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-010	ESUTU077G10	N	TU077	01-L4	ESU	7/9/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077G-011	ESUTU077G11	N	TU077	01-L4	ESU	7/9/2021	0.0202 U	U	0.0167	0.0202	Y
HPPG-F-119	ESUTU077G11	FD	TU077	01-L4	ESU	7/9/2021	0.0297 U	U	0.0276	0.0297	Y
HPPG-ESU-TU077G-012	ESUTU077G12	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-013	ESUTU077G13	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-014	ESUTU077G14	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-015	ESUTU077G15	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-016	ESUTU077G16	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-017	ESUTU077G17	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-018	ESUTU077G18	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-019	ESUTU077G19	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-020	ESUTU077G20	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-021	ESUTU077G21	N	TU077	01-L4	ESU	7/9/2021	0.0299 U	U	0.0237	0.0299	Y
HPPG-ESU-TU077G-022	ESUTU077G22	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-023	ESUTU077G23	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-024	ESUTU077G24	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-025	ESUTU077G25	N	TU077	01-L4	ESU	7/9/2021					
HPPG-ESU-TU077G-B-001	ESUTU077GB01	N	TU077	01-L4	ESU	7/13/2021	0.0248 U	U	0.022	0.0248	Y
HPPG-ESU-TU077G-B-002	ESUTU077GB02	N	TU077	01-L4	ESU	8/25/2021	0.0282 U	U	0.023	0.0282	Y
HPPG-ESU-TU077G-B-002-A	ESUTU077GB02	N				8/25/2021	0.0301 U	U	0.025	0.0301	Y
HPPG-ESU-TU077G-B-002-B	ESUTU077GB02	N				8/25/2021	0.0276 U	U	0.0241	0.0276	Y
HPPG-ESU-TU077G-B-002-C	ESUTU077GB02	N				8/25/2021	0.0274 U	U	0.0235	0.0274	Y
HPPG-ESU-TU077G-B-002-D	ESUTU077GB02	N				8/25/2021	0.0274 U	U	0.0257	0.0274	Y
HPPG-ESU-TU077G-B-003	ESUTU077GB03	N	TU077	01-L4	ESU	8/25/2021	0.0312 U	U	0.024	0.0312	Y
HPPG-ESU-TU077H-001	ESUTU077H01	N	TU077	14-L3	ESU	8/19/2021	0.0260 U	U	0.0204	0.026	Y
HPPG-ESU-TU077H-001-A	ESUTU077H01	N				8/19/2021	0.0285 U	U	0.0235	0.0285	Y
HPPG-ESU-TU077H-001-B	ESUTU077H01	N				8/19/2021	0.0280 U	U	0.0243	0.028	Y
HPPG-ESU-TU077H-001-C	ESUTU077H01	N				8/19/2021	0.0261 U	U	0.0236	0.0261	Y
HPPG-ESU-TU077H-001-D	ESUTU077H01	N				8/19/2021	0.0292 U	U	0.0272	0.0292	Y
HPPG-ESU-TU077H-002	ESUTU077H02	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-003	ESUTU077H03	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-004	ESUTU077H04	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-005	ESUTU077H05	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-006	ESUTU077H06	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-007	ESUTU077H07	N	TU077	14-L3	ESU	8/19/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU077H-008	ESUTU077H08	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-009	ESUTU077H09	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-010	ESUTU077H10	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-011	ESUTU077H11	N	TU077	14-L3	ESU	8/19/2021	0.0248 U	U	0.0208	0.0248	Y
HPPG-F-170	ESUTU077H11	FD	TU077	14-L3	ESU	8/19/2021	0.0248 U	U	0.0208	0.0248	Y
HPPG-ESU-TU077H-012	ESUTU077H12	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-013	ESUTU077H13	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-014	ESUTU077H14	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-015	ESUTU077H15	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-016	ESUTU077H16	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-017	ESUTU077H17	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-018	ESUTU077H18	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-019	ESUTU077H19	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-020	ESUTU077H20	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-021	ESUTU077H21	N	TU077	14-L3	ESU	8/19/2021	0.0280 U	U	0.0239	0.028	Y
HPPG-ESU-TU077H-021-A	ESUTU077H21	N				8/19/2021	0.0281 U	U	0.0231	0.0281	Y
HPPG-ESU-TU077H-021-B	ESUTU077H21	N				8/19/2021	0.0291		0.0236	0.0241	Y
HPPG-ESU-TU077H-021-C	ESUTU077H21	N				8/19/2021	0.0371		0.0242	0.0235	Y
HPPG-ESU-TU077H-021-D	ESUTU077H21	N				8/19/2021	0.0229 U	U	0.0216	0.0229	Y
HPPG-F-171	ESUTU077H21	FD	TU077	14-L3	ESU	8/19/2021	0.0260 U	U	0.0218	0.026	Y
HPPG-ESU-TU077H-022	ESUTU077H22	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-023	ESUTU077H23	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-024	ESUTU077H24	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-025	ESUTU077H25	N	TU077	14-L3	ESU	8/19/2021					
HPPG-ESU-TU077H-B-001	ESUTU077HB01	N	TU077	14-L3	ESU	8/25/2021	0.0437		0.0309	0.0313	Y
HPPG-ESU-TU077H-B-002	ESUTU077HB02	N	TU077	14-L3	ESU	8/25/2021	0.0226 U	U	0.0196	0.0226	Y
HPPG-ESU-TU077H-B-003	ESUTU077HB03	N	TU077	14-L3	ESU	8/25/2021	0.0247 U	U	0.0215	0.0247	Y
HPPG-ESU-TU078A-001	ESUTU078A01	N	TU078	67-L1	ESU	4/19/2023	0.0533 U	U	0.0314	0.0533	Y
HPPG-F-268	ESUTU078A01	FD	TU078	67-L1	ESU	4/19/2023	0.0981		0.0342	0.0446	Y
HPPG-ESU-TU078A-002	ESUTU078A02	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-003	ESUTU078A03	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-004	ESUTU078A04	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-005	ESUTU078A05	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-006	ESUTU078A06	N	TU078	67-L1	ESU	4/19/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078A-007	ESUTU078A07	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-008	ESUTU078A08	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-009	ESUTU078A09	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-010	ESUTU078A10	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-011	ESUTU078A11	N	TU078	67-L1	ESU	4/19/2023	0.0311 U	U	0.0171	0.0311	Y
HPPG-F-269	ESUTU078A11	FD	TU078	67-L1	ESU	4/19/2023	0.0376 U	U	0.0205	0.0376	Y
HPPG-ESU-TU078A-012	ESUTU078A12	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-013	ESUTU078A13	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-014	ESUTU078A14	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-015	ESUTU078A15	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-016	ESUTU078A16	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-017	ESUTU078A17	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-018	ESUTU078A18	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-019	ESUTU078A19	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-020	ESUTU078A20	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-021	ESUTU078A21	N	TU078	67-L1	ESU	4/19/2023	0.0378 U	U	0.0196	0.0378	Y
HPPG-F-270	ESUTU078A21	FD	TU078	67-L1	ESU	4/19/2023	0.0530		0.0296	0.044	Y
HPPG-ESU-TU078A-022	ESUTU078A22	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-023	ESUTU078A23	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-024	ESUTU078A24	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-025	ESUTU078A25	N	TU078	67-L1	ESU	4/19/2023					
HPPG-ESU-TU078A-B-001	ESUTU078AB01	N	TU078	67-L1	ESU	4/25/2023	0.0213 U	U	0.024	0.0213	Y
HPPG-ESU-TU078A-B-002	ESUTU078AB02	N	TU078	67-L1	ESU	4/25/2023	0.0226 U	U	0.0285	0.0226	Y
HPPG-ESU-TU078A-B-003	ESUTU078AB03	N	TU078	67-L1	ESU	4/25/2023	0.0171 U	U	0.0215	0.0171	Y
HPPG-ESU-TU078B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023	0.0359 U	U	0.0169	0.0359	Y
HPPG-ESU-TU078B-B-001	ESUTU078B001	N	TU078	68-L1	ESU	4/13/2023	0.0468 U	U	0.0272	0.0468	Y
HPPG-ESU-TU078B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-002	ESUTU078B002	N	TU078	68-L1	ESU	4/13/2023	0.0384 U	U	0.0234	0.0384	Y
HPPG-ESU-TU078B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-B-003	ESUTU078B003	N	TU078	68-L1	ESU	4/13/2023	0.0385 U	U	0.0226	0.0385	Y
HPPG-ESU-TU078B-004	ESUTU078B004	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-005	ESUTU078B005	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-006	ESUTU078B006	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-007	ESUTU078B007	N	TU078	68-L1	ESU	4/13/2023					

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Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078B-008	ESUTU078B008	N	TU078	68-L1	ESU	4/13/2023					
HPPG-F-266	ESUTU078B008	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-009	ESUTU078B009	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-010	ESUTU078B010	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-011	ESUTU078B011	N	TU078	68-L1	ESU	4/13/2023	0.0452 U	U	0.026	0.0452	Y
HPPG-ESU-TU078B-012	ESUTU078B012	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-013	ESUTU078B013	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-014	ESUTU078B014	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-015	ESUTU078B015	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-016	ESUTU078B016	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-017	ESUTU078B017	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-018	ESUTU078B018	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-019	ESUTU078B019	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-020	ESUTU078B020	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-021	ESUTU078B021	N	TU078	68-L1	ESU	4/13/2023	0.0414 U	U	0.0218	0.0414	Y
HPPG-F-267	ESUTU078B021	FD	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-022	ESUTU078B022	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-023	ESUTU078B023	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-024	ESUTU078B024	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078B-025	ESUTU078B025	N	TU078	68-L1	ESU	4/13/2023					
HPPG-ESU-TU078C-001	ESUTU078C01	N	TU078	69-L1	ESU	4/27/2023	0.0211 U	UJ	0.0226	0.0211	Y
HPPG-ESU-TU078C-002	ESUTU078C02	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-003	ESUTU078C03	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-004	ESUTU078C04	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-005	ESUTU078C05	N	TU078	69-L1	ESU	4/27/2023					
HPPG-F-277	ESUTU078C05	FD	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-006	ESUTU078C06	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-007	ESUTU078C07	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-008	ESUTU078C08	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-009	ESUTU078C09	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-010	ESUTU078C10	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-011	ESUTU078C11	N	TU078	69-L1	ESU	4/27/2023	0.0207 U	U	0.0258	0.0207	Y
HPPG-F-278	ESUTU078C11	FD	TU078	69-L1	ESU	4/27/2023	0.0243 U	U	0.0276	0.0243	Y
HPPG-ESU-TU078C-012	ESUTU078C12	N	TU078	69-L1	ESU	4/27/2023					

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Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078C-013	ESUTU078C13	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-014	ESUTU078C14	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-015	ESUTU078C15	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-016	ESUTU078C16	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-017	ESUTU078C17	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-018	ESUTU078C18	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-019	ESUTU078C19	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-020	ESUTU078C20	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-021	ESUTU078C21	N	TU078	69-L1	ESU	4/27/2023	0.0285		0.0291	0.0215	Y
HPPG-F-279	ESUTU078C21	FD	TU078	69-L1	ESU	4/27/2023	0.0212 U	U	0.0258	0.0212	Y
HPPG-ESU-TU078C-022	ESUTU078C22	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-023	ESUTU078C23	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-024	ESUTU078C24	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-025	ESUTU078C25	N	TU078	69-L1	ESU	4/27/2023					
HPPG-ESU-TU078C-B-001	ESUTU078CB01	N	TU078	69-L1	ESU	5/1/2023	0.0164 U	U	0.0184	0.0164	Y
HPPG-ESU-TU078C-B-002	ESUTU078CB02	N	TU078	69-L1	ESU	5/1/2023	0.0283		0.0268	0.0199	Y
HPPG-ESU-TU078C-B-003	ESUTU078CB03	N	TU078	69-L1	ESU	5/1/2023	0.0292		0.0278	0.0202	Y
HPPG-ESU-TU078D-001	ESUTU078D01	N	TU078	70-L1	ESU	4/20/2023	0.0367 U	U	0.0197	0.0367	Y
HPPG-ESU-TU078D-002	ESUTU078D02	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-003	ESUTU078D03	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-004	ESUTU078D04	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-005	ESUTU078D05	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-006	ESUTU078D06	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-007	ESUTU078D07	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-271	ESUTU078D07	FD	TU078	70-L1	ESU	4/20/2023	0.0364 U	U	0.022	0.0364	Y
HPPG-ESU-TU078D-008	ESUTU078D08	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-009	ESUTU078D09	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-010	ESUTU078D10	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-011	ESUTU078D11	N	TU078	70-L1	ESU	4/20/2023	0.0404 U	U	0.02	0.0404	Y
HPPG-ESU-TU078D-012	ESUTU078D12	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-013	ESUTU078D13	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-014	ESUTU078D14	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-272	ESUTU078D14	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-015	ESUTU078D15	N	TU078	70-L1	ESU	4/20/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078D-016	ESUTU078D16	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-017	ESUTU078D17	N	TU078	70-L1	ESU	4/20/2023					
HPPG-F-273	ESUTU078D17	FD	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-018	ESUTU078D18	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-019	ESUTU078D19	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-020	ESUTU078D20	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-021	ESUTU078D21	N	TU078	70-L1	ESU	4/20/2023	0.0385 U	U	0.022	0.0385	Y
HPPG-ESU-TU078D-022	ESUTU078D22	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-023	ESUTU078D23	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-024	ESUTU078D24	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-025	ESUTU078D25	N	TU078	70-L1	ESU	4/20/2023					
HPPG-ESU-TU078D-B-001	ESUTU078DB01	N	TU078	70-L1	ESU	4/25/2023	0.0344 U	U	0.0203	0.0344	Y
HPPG-ESU-TU078D-B-002	ESUTU078DB02	N	TU078	70-L1	ESU	4/25/2023	0.0394 U	U	0.0194	0.0394	Y
HPPG-ESU-TU078D-B-003	ESUTU078DB03	N	TU078	70-L1	ESU	4/25/2023	0.0369 U	U	0.0206	0.0369	Y
HPPG-ESU-TU078E-001	ESUTU078E01	N	TU078	68-L2	ESU	5/8/2023	0.0139 U	U	0.0158	0.0139	Y
HPPG-ESU-TU078E-002	ESUTU078E02	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-003	ESUTU078E03	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-004	ESUTU078E04	N	TU078	68-L2	ESU	5/8/2023					
HPPG-F-280	ESUTU078E04	FD	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-005	ESUTU078E05	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-006	ESUTU078E06	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-007	ESUTU078E07	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-008	ESUTU078E08	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-009	ESUTU078E09	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-010	ESUTU078E10	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-011	ESUTU078E11	N	TU078	68-L2	ESU	5/8/2023	0.0155 U	U	0.0183	0.0155	Y
HPPG-F-281	ESUTU078E11	FD	TU078	68-L2	ESU	5/8/2023	0.0141 U	UJ	0.0145	0.0141	Y
HPPG-ESU-TU078E-012	ESUTU078E12	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-013	ESUTU078E13	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-014	ESUTU078E14	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-015	ESUTU078E15	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-016	ESUTU078E16	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-017	ESUTU078E17	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-018	ESUTU078E18	N	TU078	68-L2	ESU	5/8/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU078E-019	ESUTU078E19	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-020	ESUTU078E20	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-021	ESUTU078E21	N	TU078	68-L2	ESU	5/8/2023	0.0195 U	U	0.023	0.0195	Y
HPPG-F-282	ESUTU078E21	FD	TU078	68-L2	ESU	5/8/2023	0.0136 U	U	0.0162	0.0136	Y
HPPG-ESU-TU078E-022	ESUTU078E22	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-023	ESUTU078E23	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-024	ESUTU078E24	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-025	ESUTU078E25	N	TU078	68-L2	ESU	5/8/2023					
HPPG-ESU-TU078E-B-001	ESUTU078EB01	N	TU078	68-L2	ESU	5/10/2023	0.0153 U	U	0.0193	0.0153	Y
HPPG-ESU-TU078E-B-002	ESUTU078EB02	N	TU078	68-L2	ESU	5/10/2023	0.0152 U	U	0.0199	0.0152	Y
HPPG-ESU-TU078E-B-003	ESUTU078EB03	N	TU078	68-L2	ESU	5/10/2023	0.0158 U	U	0.0185	0.0158	Y
HPPG-ESU-TU079A-001	ESUTU079A01	N	TU079	33-L1	ESU	11/18/2020	0.0281 U	U	0.0231	0.0281	Y
HPPG-ESU-TU079A-001_A	ESUTU079A01	N				11/18/2020	0.0271 U	U	0.0239	0.0271	Y
HPPG-ESU-TU079A-001_B	ESUTU079A01	N				11/18/2020	0.0313 U	U	0.0277	0.0313	Y
HPPG-ESU-TU079A-001_C	ESUTU079A01	N				11/18/2020	0.0282 U	U	0.0274	0.0282	Y
HPPG-ESU-TU079A-001_D	ESUTU079A01	N				11/18/2020	0.0266 U	U	0.0244	0.0266	Y
HPPG-ESU-TU079A-002	ESUTU079A02	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-039	ESUTU079A02	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-003	ESUTU079A03	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-004	ESUTU079A04	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-005	ESUTU079A05	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-006	ESUTU079A06	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-007	ESUTU079A07	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-008	ESUTU079A08	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-009	ESUTU079A09	N	TU079	33-L1	ESU	11/18/2020					
HPPG-F-040	ESUTU079A09	FD	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-010	ESUTU079A10	N	TU079	33-L1	ESU	11/18/2020	0.0282 U	U	0.0245	0.0282	Y
HPPG-ESU-TU079A-011	ESUTU079A11	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-012	ESUTU079A12	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-013	ESUTU079A13	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-014	ESUTU079A14	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-015	ESUTU079A15	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-016	ESUTU079A16	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-017	ESUTU079A17	N	TU079	33-L1	ESU	11/18/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079A-018	ESUTU079A18	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-019	ESUTU079A19	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-020	ESUTU079A20	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-021	ESUTU079A21	N	TU079	33-L1	ESU	11/18/2020	0.0303 U	U	0.0242	0.0303	Y
HPPG-ESU-TU079A-022	ESUTU079A22	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-023	ESUTU079A23	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-024	ESUTU079A24	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-025	ESUTU079A25	N	TU079	33-L1	ESU	11/18/2020					
HPPG-ESU-TU079A-B-001	ESUTU079AB01	N	TU079	33-L1	ESU	11/20/2020	0.0251 U	U	0.0215	0.0251	Y
HPPG-ESU-TU079B-001	ESUTU079B01	N	TU079	33-L2	ESU	12/8/2020	0.0246 U		0.0217	0.0246	Y
HPPG-ESU-TU079B-002	ESUTU079B02	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-003	ESUTU079B03	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-004	ESUTU079B04	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-005	ESUTU079B05	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-006	ESUTU079B06	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-007	ESUTU079B07	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-008	ESUTU079B08	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-009	ESUTU079B09	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-010	ESUTU079B10	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-011	ESUTU079B11	N	TU079	33-L2	ESU	12/8/2020	0.0240 U		0.0191	0.024	Y
HPPG-ESU-TU079B-012	ESUTU079B12	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-055	ESUTU079B12	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-013	ESUTU079B13	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-014	ESUTU079B14	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-015	ESUTU079B15	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-016	ESUTU079B16	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-017	ESUTU079B17	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-018	ESUTU079B18	N	TU079	33-L2	ESU	12/8/2020					
HPPG-F-056	ESUTU079B18	FD	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-019	ESUTU079B19	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-020	ESUTU079B20	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-021	ESUTU079B21	N	TU079	33-L2	ESU	12/8/2020	0.0237 U		0.0181	0.0237	Y
HPPG-ESU-TU079B-022	ESUTU079B22	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-023	ESUTU079B23	N	TU079	33-L2	ESU	12/8/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079B-024	ESUTU079B24	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-025	ESUTU079B25	N	TU079	33-L2	ESU	12/8/2020					
HPPG-ESU-TU079B-B-001	ESUTU079BB01	N	TU079	33-L2	ESU	12/9/2020	0.0287 U	U	0.0244	0.0287	Y
HPPG-ESU-TU079C-001	ESUTU079C001	N	TU079	33-L3	ESU	6/23/2021	0.0361 U	U	0.03	0.0361	Y
HPPG-F-093	ESUTU079C001	FD	TU079	33-L3	ESU	6/23/2021	0.0268 U	U	0.0242	0.0268	Y
HPPG-ESU-TU079C-002	ESUTU079C002	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-003	ESUTU079C003	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-004	ESUTU079C004	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-005	ESUTU079C005	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-006	ESUTU079C006	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-007	ESUTU079C007	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-008	ESUTU079C008	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-009	ESUTU079C009	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-010	ESUTU079C010	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-011	ESUTU079C011	N	TU079	33-L3	ESU	6/23/2021	0.0272 U	U	0.0222	0.0272	Y
HPPG-F-094	ESUTU079C011	FD	TU079	33-L3	ESU	6/23/2021	0.0305 U	U	0.0275	0.0305	Y
HPPG-ESU-TU079C-012	ESUTU079C012	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-013	ESUTU079C013	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-014	ESUTU079C014	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-015	ESUTU079C015	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-016	ESUTU079C016	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-017	ESUTU079C017	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-018	ESUTU079C018	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-019	ESUTU079C019	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-020	ESUTU079C020	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-021	ESUTU079C021	N	TU079	33-L3	ESU	6/23/2021	0.0301 U	U	0.0231	0.0301	Y
HPPG-ESU-TU079C-022	ESUTU079C022	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-023	ESUTU079C023	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-024	ESUTU079C024	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-025	ESUTU079C025	N	TU079	33-L3	ESU	6/23/2021					
HPPG-ESU-TU079C-B-001	ESUTU079CB01	N	TU079	33-L3	ESU	7/1/2021	0.0249 U	U	0.0215	0.0249	Y
HPPG-ESU-TU079C-B-002	ESUTU079CB02	N	TU079	33-L3	ESU	8/26/2021	0.0257 U	U	0.0234	0.0257	Y
HPPG-ESU-TU079C-B-002-A	ESUTU079CB02	N				8/26/2021	0.0228 U	U	0.0209	0.0228	Y
HPPG-ESU-TU079C-B-002-B	ESUTU079CB02	N				8/26/2021	0.0256 U	U	0.0227	0.0256	Y

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Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079C-B-002-C	ESUTU079CB02	N				8/26/2021	0.0301 U	U	0.0237	0.0301	Y
HPPG-ESU-TU079C-B-002-D	ESUTU079CB02	N				8/26/2021	0.0253 U	U	0.0234	0.0253	Y
HPPG-ESU-TU079C-B-003	ESUTU079CB03	N	TU079	33-L3	ESU	8/26/2021	0.0285 U	U	0.0246	0.0285	Y
HPPG-ESU-TU079D-001	ESUTU079D01	N	TU079	54-L1	ESU	7/8/2021	0.0239 U		0.0224	0.0239	Y
HPPG-F-116	ESUTU079D01	FD	TU079	54-L1	ESU	7/8/2021	0.0269 U		0.0234	0.0269	Y
HPPG-ESU-TU079D-002	ESUTU079D02	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-003	ESUTU079D03	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-004	ESUTU079D04	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-005	ESUTU079D05	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-006	ESUTU079D06	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-007	ESUTU079D07	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-008	ESUTU079D08	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-009	ESUTU079D09	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-010	ESUTU079D10	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-011	ESUTU079D11	N	TU079	54-L1	ESU	7/8/2021	0.0236 U		0.018	0.0236	Y
HPPG-F-117	ESUTU079D11	FD	TU079	54-L1	ESU	7/8/2021	0.0241 U		0.0213	0.0241	Y
HPPG-ESU-TU079D-012	ESUTU079D12	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-013	ESUTU079D13	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-014	ESUTU079D14	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-015	ESUTU079D15	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-016	ESUTU079D16	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-017	ESUTU079D17	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-018	ESUTU079D18	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-019	ESUTU079D19	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-020	ESUTU079D20	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-021	ESUTU079D21	N	TU079	54-L1	ESU	7/8/2021	0.0243 U	U	0.022	0.0243	Y
HPPG-ESU-TU079D-022	ESUTU079D22	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-023	ESUTU079D23	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-024	ESUTU079D24	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-025	ESUTU079D25	N	TU079	54-L1	ESU	7/8/2021					
HPPG-ESU-TU079D-B-001	ESUTU079DB01	N	TU079	54-L1	ESU	7/14/2021	0.0244 U	U	0.022	0.0244	Y
HPPG-ESU-TU079D-B-002	ESUTU079DB02	N	TU079	54-L1	ESU	8/25/2021	0.0334		0.0251	0.0252	Y
HPPG-ESU-TU079D-B-003	ESUTU079DB03	N	TU079	54-L1	ESU	8/25/2021	0.0274 U	U	0.0234	0.0274	Y
HPPG-ESU-TU079E-001	ESUTU079E01	N	TU079	55-L1	ESU	7/14/2021	0.0290 U	U	0.0252	0.029	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-001-A	ESUTU079E01	N				7/14/2021	0.0284 U	U	0.0248	0.0284	Y
HPPG-ESU-TU079E-001-B	ESUTU079E01	N				7/14/2021	0.0256 U	U	0.0238	0.0256	Y
HPPG-ESU-TU079E-001-C	ESUTU079E01	N				7/14/2021	0.0247 U	U	0.0225	0.0247	Y
HPPG-ESU-TU079E-001-D	ESUTU079E01	N				7/14/2021	0.0240 U	U	0.0218	0.024	Y
HPPG-F-122	ESUTU079E01	FD	TU079	55-L1	ESU	7/14/2021	0.0295 U	U	0.0249	0.0295	Y
HPPG-ESU-TU079E-002	ESUTU079E02	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-003	ESUTU079E03	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-004	ESUTU079E04	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-005	ESUTU079E05	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-006	ESUTU079E06	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-007	ESUTU079E07	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-008	ESUTU079E08	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-009	ESUTU079E09	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-010	ESUTU079E10	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-011	ESUTU079E11	N	TU079	55-L1	ESU	7/14/2021	0.0287 U	U	0.0256	0.0287	Y
HPPG-F-123	ESUTU079E11	FD	TU079	55-L1	ESU	7/14/2021	0.0268 U	U	0.0229	0.0268	Y
HPPG-ESU-TU079E-012	ESUTU079E12	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-013	ESUTU079E13	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-014	ESUTU079E14	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-015	ESUTU079E15	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-016	ESUTU079E16	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-017	ESUTU079E17	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-018	ESUTU079E18	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-019	ESUTU079E19	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-020	ESUTU079E20	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-021	ESUTU079E21	N	TU079	55-L1	ESU	7/14/2021	0.0285 U	U	0.0226	0.0285	Y
HPPG-ESU-TU079E-021-A	ESUTU079E21	N				7/14/2021	0.0288 U	U	0.0237	0.0288	Y
HPPG-ESU-TU079E-021-B	ESUTU079E21	N				7/14/2021	0.0301 U	U	0.0247	0.0301	Y
HPPG-ESU-TU079E-021-C	ESUTU079E21	N				7/14/2021	0.0276 U	U	0.0235	0.0276	Y
HPPG-ESU-TU079E-021-D	ESUTU079E21	N				7/14/2021	0.0270 U	U	0.0213	0.027	Y
HPPG-ESU-TU079E-022	ESUTU079E22	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-023	ESUTU079E23	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-024	ESUTU079E24	N	TU079	55-L1	ESU	7/14/2021					
HPPG-ESU-TU079E-025	ESUTU079E25	N	TU079	55-L1	ESU	7/14/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079E-B-001	ESUTU079EB01	N	TU079	55-L1	ESU	7/15/2021	0.0383 U	U	0.0312	0.0383	Y
HPPG-ESU-TU079E-B-002	ESUTU079EB02	N	TU079	55-L1	ESU	8/26/2021	0.0297 U	U	0.0258	0.0297	Y
HPPG-ESU-TU079E-B-003	ESUTU079EB03	N	TU079	55-L1	ESU	8/26/2021	0.0239 U	U	0.0232	0.0239	Y
HPPG-ESU-TU079F-001	ESUTU079F01	N	TU079	33-L4	ESU	7/14/2021	0.0295 U	U	0.0248	0.0295	Y
HPPG-F-124	ESUTU079F01	FD	TU079	33-L4	ESU	7/14/2021	0.0237 U	U	0.0219	0.0237	Y
HPPG-ESU-TU079F-002	ESUTU079F02	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-003	ESUTU079F03	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-004	ESUTU079F04	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-005	ESUTU079F05	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-006	ESUTU079F06	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-007	ESUTU079F07	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-008	ESUTU079F08	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-009	ESUTU079F09	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-010	ESUTU079F10	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-011	ESUTU079F11	N	TU079	33-L4	ESU	7/14/2021	0.0251 U	U	0.0197	0.0251	Y
HPPG-F-125	ESUTU079F11	FD	TU079	33-L4	ESU	7/14/2021	0.0562		0.0322	0.0311	Y
HPPG-ESU-TU079F-012	ESUTU079F12	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-013	ESUTU079F13	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-014	ESUTU079F14	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-015	ESUTU079F15	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-016	ESUTU079F16	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-017	ESUTU079F17	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-018	ESUTU079F18	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-019	ESUTU079F19	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-020	ESUTU079F20	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-021	ESUTU079F21	N	TU079	33-L4	ESU	7/14/2021	0.0260 U	U	0.0246	0.026	Y
HPPG-ESU-TU079F-022	ESUTU079F22	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-023	ESUTU079F23	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-024	ESUTU079F24	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-025	ESUTU079F25	N	TU079	33-L4	ESU	7/14/2021					
HPPG-ESU-TU079F-B-001	ESUTU079FB01	N	TU079	33-L4	ESU	7/19/2021	0.0941		0.0352	0.0299	Y
HPPG-ESU-TU079F-B-001-A	ESUTU079FB01	N				7/19/2021	0.0298 U	U	0.0246	0.0298	Y
HPPG-ESU-TU079F-B-001-B	ESUTU079FB01	N				7/19/2021	0.0278 U	U	0.0217	0.0278	Y
HPPG-ESU-TU079F-B-001-C	ESUTU079FB01	N				7/19/2021	0.0321 U	U	0.0286	0.0321	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079F-B-001-D	ESUTU079FB01	N				7/19/2021	0.0322 U	U	0.0303	0.0322	Y
HPPG-ESU-TU079F-B-002	ESUTU079FB02	N	TU079	33-L4	ESU	8/26/2021	0.0274 U	U	0.0239	0.0274	Y
HPPG-ESU-TU079F-B-003	ESUTU079FB03	N	TU079	33-L4	ESU	8/26/2021	0.0276		0.0228	0.0226	Y
HPPG-ESU-TU079G-001	ESUTU079G01	N	TU079	56A-L1	ESU	7/23/2021	0.0270 U	U	0.0206	0.027	Y
HPPG-F-144	ESUTU079G01	FD	TU079	56A-L1	ESU	7/23/2021	0.0238 U	U	0.0188	0.0238	Y
HPPG-ESU-TU079G-002	ESUTU079G02	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-003	ESUTU079G03	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-004	ESUTU079G04	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-005	ESUTU079G05	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-006	ESUTU079G06	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-007	ESUTU079G07	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-008	ESUTU079G08	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-009	ESUTU079G09	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-010	ESUTU079G10	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-011	ESUTU079G11	N	TU079	56A-L1	ESU	7/23/2021	0.0298 U	UJ	0.0227	0.0298	Y
HPPG-F-145	ESUTU079G11	FD	TU079	56A-L1	ESU	7/23/2021	0.0226 U	U	0.0187	0.0226	Y
HPPG-ESU-TU079G-012	ESUTU079G12	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-013	ESUTU079G13	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-014	ESUTU079G14	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-015	ESUTU079G15	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-016	ESUTU079G16	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-017	ESUTU079G17	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-018	ESUTU079G18	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-019	ESUTU079G19	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-020	ESUTU079G20	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-021	ESUTU079G21	N	TU079	56A-L1	ESU	7/23/2021	0.0292 U	U	0.0241	0.0292	Y
HPPG-ESU-TU079G-022	ESUTU079G22	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-023	ESUTU079G23	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-024	ESUTU079G24	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-025	ESUTU079G25	N	TU079	56A-L1	ESU	7/23/2021					
HPPG-ESU-TU079G-B-001	ESUTU079GB01	N	TU079	56A-L1	ESU	7/26/2021	0.0348 U	U	0.0274	0.0348	Y
HPPG-ESU-TU079G-B-002	ESUTU079GB02	N	TU079	56A-L1	ESU	8/26/2021	0.0340		0.0275	0.0281	Y
HPPG-ESU-TU079G-B-003	ESUTU079GB03	N	TU079	56A-L1	ESU	8/26/2021	0.0234 U	U	0.0184	0.0234	Y
HPPG-ESU-TU079G-B-003-A	ESUTU079GB03	N				8/26/2021	0.0275 U	U	0.024	0.0275	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU079G-B-003-B	ESUTU079GB03	N				8/26/2021	0.0279 U	U	0.0224	0.0279	Y
HPPG-ESU-TU079G-B-003-C	ESUTU079GB03	N				8/26/2021	0.0254 U	U	0.0219	0.0254	Y
HPPG-ESU-TU079G-B-003-D	ESUTU079GB03	N				8/26/2021	0.0382	J	0.0274	0.0269	Y
HPPG-ESU-TU079H-001	ESUTU079H01	N	TU079	55-L2	ESU	9/16/2021	0.0359		0.0243	0.0237	Y
HPPG-ESU-TU079H-002	ESUTU079H02	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-003	ESUTU079H03	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-004	ESUTU079H04	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-005	ESUTU079H05	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-006	ESUTU079H06	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-007	ESUTU079H07	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-008	ESUTU079H08	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-009	ESUTU079H09	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-010	ESUTU079H10	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-011	ESUTU079H11	N	TU079	55-L2	ESU	9/16/2021	0.0447		0.0273	0.0261	Y
HPPG-ESU-TU079H-012	ESUTU079H12	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-013	ESUTU079H13	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-014	ESUTU079H14	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-015	ESUTU079H15	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-186	ESUTU079H15	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-016	ESUTU079H16	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-017	ESUTU079H17	N	TU079	55-L2	ESU	9/16/2021					
HPPG-F-187	ESUTU079H17	FD	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-018	ESUTU079H18	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-019	ESUTU079H19	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-020	ESUTU079H20	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-021	ESUTU079H21	N	TU079	55-L2	ESU	9/16/2021	0.0294		0.0235	0.0234	Y
HPPG-ESU-TU079H-022	ESUTU079H22	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-023	ESUTU079H23	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-024	ESUTU079H24	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-025	ESUTU079H25	N	TU079	55-L2	ESU	9/16/2021					
HPPG-ESU-TU079H-B-001	ESUTU079HB01	N	TU079	55-L2	ESU	9/17/2021	0.0335 U	U	0.0279	0.0335	Y
HPPG-ESU-TU079H-B-002	ESUTU079HB02	N	TU079	55-L2	ESU	9/17/2021	0.0274 U	U	0.0229	0.0274	Y
HPPG-ESU-TU079H-B-003	ESUTU079HB03	N	TU079	55-L2	ESU	9/17/2021	0.0246 U	U	0.0215	0.0246	Y
HPPG-ESU-TU095A-001	ESUTU095A01	N	TU095	42-L1	ESU	6/16/2021	0.0273 U	U	0.0235	0.0273	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095A-002	ESUTU095A02	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-003	ESUTU095A03	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-004	ESUTU095A04	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-005	ESUTU095A05	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-006	ESUTU095A06	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-007	ESUTU095A07	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-008	ESUTU095A08	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-083	ESUTU095A08	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-009	ESUTU095A09	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-010	ESUTU095A10	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-011	ESUTU095A11	N	TU095	42-L1	ESU	6/16/2021	0.0259 U	U	0.0223	0.0259	Y
HPPG-ESU-TU095A-012	ESUTU095A12	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-013	ESUTU095A13	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-014	ESUTU095A14	N	TU095	42-L1	ESU	6/16/2021					
HPPG-F-084	ESUTU095A14	FD	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-015	ESUTU095A15	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-016	ESUTU095A16	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-017	ESUTU095A17	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-018	ESUTU095A18	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-019	ESUTU095A19	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-020	ESUTU095A20	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-021	ESUTU095A21	N	TU095	42-L1	ESU	6/16/2021	0.0263 U	U	0.0205	0.0263	Y
HPPG-ESU-TU095A-022	ESUTU095A22	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-023	ESUTU095A23	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-024	ESUTU095A24	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-025	ESUTU095A25	N	TU095	42-L1	ESU	6/16/2021					
HPPG-ESU-TU095A-B-001	ESUTU095AB01	N	TU095	42-L1	ESU	6/21/2021	0.0251 U	U	0.0225	0.0251	Y
HPPG-ESU-TU095A-B-002	ESUTU095AB02	N	TU095	42-L1	ESU	8/26/2021	0.0314 U	U	0.0283	0.0314	Y
HPPG-ESU-TU095A-B-003	ESUTU095AB03	N	TU095	42-L1	ESU	8/26/2021	0.0305 U	U	0.0283	0.0305	Y
HPPG-ESU-TU095B-001	ESUTU095B01	N	TU095	16-L1	ESU	6/17/2021	0.0279 U	U	0.0248	0.0279	Y
HPPG-ESU-TU095B-002	ESUTU095B02	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-003	ESUTU095B03	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-004	ESUTU095B04	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-005	ESUTU095B05	N	TU095	16-L1	ESU	6/17/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095B-006	ESUTU095B06	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-087	ESUTU095B06	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-007	ESUTU095B07	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-008	ESUTU095B08	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-009	ESUTU095B09	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-010	ESUTU095B10	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-011	ESUTU095B11	N	TU095	16-L1	ESU	6/17/2021	0.0270 U	U	0.0206	0.027	Y
HPPG-ESU-TU095B-011-A	ESUTU095B11	N				6/17/2021	0.0237 U	U	0.0215	0.0237	Y
HPPG-ESU-TU095B-011-B	ESUTU095B11	N				6/17/2021	0.0240 U	U	0.019	0.024	Y
HPPG-ESU-TU095B-011-C	ESUTU095B11	N				6/17/2021	0.0244 U	U	0.0204	0.0244	Y
HPPG-ESU-TU095B-011-D	ESUTU095B11	N				6/17/2021	0.0318 U	U	0.0265	0.0318	Y
HPPG-ESU-TU095B-012	ESUTU095B12	N	TU095	16-L1	ESU	6/17/2021					
HPPG-F-088	ESUTU095B12	FD	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-013	ESUTU095B13	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-014	ESUTU095B14	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-015	ESUTU095B15	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-016	ESUTU095B16	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-017	ESUTU095B17	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-018	ESUTU095B18	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-019	ESUTU095B19	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-020	ESUTU095B20	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-021	ESUTU095B21	N	TU095	16-L1	ESU	6/17/2021	0.0280 U	U	0.0243	0.028	Y
HPPG-ESU-TU095B-022	ESUTU095B22	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-023	ESUTU095B23	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-024	ESUTU095B24	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-025	ESUTU095B25	N	TU095	16-L1	ESU	6/17/2021					
HPPG-ESU-TU095B-B-001	ESUTU095BB001	N	TU095	16-L1	ESU	6/23/2021	0.0256 U	U	0.0214	0.0256	Y
HPPG-ESU-TU095B-B-002	ESUTU095BB02	N	TU095	16-L1	ESU	8/25/2021	0.0340		0.0265	0.0268	Y
HPPG-ESU-TU095C-001	ESUTU095C001	N	TU095	13-L1	ESU	6/22/2021	0.0269 U	U	0.0251	0.0269	Y
HPPG-ESU-TU095C-002	ESUTU095C002	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-003	ESUTU095C003	N	TU095	13-L1	ESU	6/22/2021					
HPPG-F-091	ESUTU095C003	FD	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-004	ESUTU095C004	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-005	ESUTU095C005	N	TU095	13-L1	ESU	6/22/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU095C-006	ESUTU095C006	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-007	ESUTU095C007	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-008	ESUTU095C008	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-009	ESUTU095C009	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-010	ESUTU095C010	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-011	ESUTU095C011	N	TU095	13-L1	ESU	6/22/2021	0.0292 U	U	0.025	0.0292	Y
HPPG-F-092	ESUTU095C011	FD	TU095	13-L1	ESU	6/22/2021	0.0252 U	U	0.0239	0.0252	Y
HPPG-F-092-A	ESUTU095C011	N				6/22/2021	0.0251 U	U	0.0191	0.0251	Y
HPPG-F-092-B	ESUTU095C011	N				6/22/2021	0.0255 U	U	0.0212	0.0255	Y
HPPG-F-092-C	ESUTU095C011	N				6/22/2021	0.0252 U	U	0.0198	0.0252	Y
HPPG-F-092-D	ESUTU095C011	N				6/22/2021	0.0256 U	U	0.0227	0.0256	Y
HPPG-ESU-TU095C-012	ESUTU095C012	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-013	ESUTU095C013	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-014	ESUTU095C014	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-015	ESUTU095C015	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-016	ESUTU095C016	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-017	ESUTU095C017	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-018	ESUTU095C018	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-019	ESUTU095C019	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-020	ESUTU095C020	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-021	ESUTU095C021	N	TU095	13-L1	ESU	6/22/2021	0.0268 U	U	0.0229	0.0268	Y
HPPG-ESU-TU095C-022	ESUTU095C022	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-023	ESUTU095C023	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-024	ESUTU095C024	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-025	ESUTU095C025	N	TU095	13-L1	ESU	6/22/2021					
HPPG-ESU-TU095C-B-001	ESUTU095CB01	N	TU095	13-L1	ESU	6/30/2021	0.0253 U	U	0.022	0.0253	Y
HPPG-ESU-TU095C-B-002	ESUTU095CB02	N	TU095	13-L1	ESU	8/25/2021	0.0264		0.0228	0.0234	Y
HPPG-ESU-TU097A-001	ESUTU097A01	N	TU097	19-L1	ESU	11/13/2020	0.0251 U	U	0.0207	0.0251	Y
HPPG-ESU-TU097A-002	ESUTU097A02	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-003	ESUTU097A03	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-004	ESUTU097A04	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-005	ESUTU097A05	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-006	ESUTU097A06	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-007	ESUTU097A07	N	TU097	19-L1	ESU	11/13/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097A-008	ESUTU097A08	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-009	ESUTU097A09	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-010	ESUTU097A10	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-011	ESUTU097A11	N	TU097	19-L1	ESU	11/13/2020	0.0239 U	U	0.0209	0.0239	Y
HPPG-ESU-TU097A-012	ESUTU097A12	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-013	ESUTU097A13	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-014	ESUTU097A14	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-015	ESUTU097A15	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-016	ESUTU097A16	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-017	ESUTU097A17	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-018	ESUTU097A18	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-019	ESUTU097A19	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-020	ESUTU097A20	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-021	ESUTU097A21	N	TU097	19-L1	ESU	11/13/2020	0.0358		0.0262	0.0262	Y
HPPG-F-035	ESUTU097A21	FD	TU097	19-L1	ESU	11/13/2020	0.0261 U	U	0.0219	0.0261	Y
HPPG-ESU-TU097A-022	ESUTU097A22	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-023	ESUTU097A23	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-024	ESUTU097A24	N	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-025	ESUTU097A25	N	TU097	19-L1	ESU	11/13/2020					
HPPG-F-036	ESUTU097A25	FD	TU097	19-L1	ESU	11/13/2020					
HPPG-ESU-TU097A-B-001	ESUTU097AB01	N	TU097	19-L1	ESU	11/18/2020	0.0264 U	U	0.0247	0.0264	Y
HPPG-ESU-TU097B-001	ESUTU097B01	N	TU097	19-L2	ESU	6/14/2021	0.0267 U	U	0.0237	0.0267	Y
HPPG-ESU-TU097B-002	ESUTU097B02	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-003	ESUTU097B03	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-004	ESUTU097B04	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-079	ESUTU097B04	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-005	ESUTU097B05	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-006	ESUTU097B06	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-007	ESUTU097B07	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-008	ESUTU097B08	N	TU097	19-L2	ESU	6/14/2021					
HPPG-F-080	ESUTU097B08	FD	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-009	ESUTU097B09	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-010	ESUTU097B10	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-011	ESUTU097B11	N	TU097	19-L2	ESU	6/14/2021	0.0226 U	U	0.019	0.0226	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097B-012	ESUTU097B12	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-013	ESUTU097B13	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-014	ESUTU097B14	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-015	ESUTU097B15	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-016	ESUTU097B16	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-017	ESUTU097B17	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-018	ESUTU097B18	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-019	ESUTU097B19	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-020	ESUTU097B20	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-021	ESUTU097B21	N	TU097	19-L2	ESU	6/14/2021	0.0272 U	U	0.0233	0.0272	Y
HPPG-ESU-TU097B-022	ESUTU097B22	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-023	ESUTU097B23	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-024	ESUTU097B24	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-025	ESUTU097B25	N	TU097	19-L2	ESU	6/14/2021					
HPPG-ESU-TU097B-B-001	ESUTU097BB01	N	TU097	19-L2	ESU	6/18/2021	0.0245 U	U	0.0197	0.0245	Y
HPPG-ESU-TU097B-B-002	ESUTU097BB02	N	TU097	19-L2	ESU	8/25/2021	0.0260 U	U	0.0225	0.026	Y
HPPG-ESU-TU097B-B-003	ESUTU097BB03	N	TU097	19-L2	ESU	8/25/2021	0.0253		0.0223	0.0225	Y
HPPG-ESU-TU097B-B-004	ESUTU097BB04	N	TU097	19-L2	ESU	8/25/2021	0.0243 U	U	0.0206	0.0243	Y
HPPG-ESU-TU097C-001	ESUTU097C01	N	TU097	36-L1	ESU	6/22/2021	0.0316		0.0234	0.0234	Y
HPPG-F-089	ESUTU097C01	FD	TU097	36-L1	ESU	6/22/2021	0.0275 U	U	0.0238	0.0275	Y
HPPG-F-089-A	ESUTU097C01	N				6/22/2021	0.0293 U	U	0.0253	0.0293	Y
HPPG-F-089-B	ESUTU097C01	N				6/22/2021	0.0257 U	UJ	0.019	0.0257	Y
HPPG-F-089-C	ESUTU097C01	N				6/22/2021	0.0247 U	U	0.0202	0.0247	Y
HPPG-F-089-D	ESUTU097C01	N				6/22/2021	0.0216 U	U	0.0203	0.0216	Y
HPPG-ESU-TU097C-002	ESUTU097C02	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-003	ESUTU097C03	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-004	ESUTU097C04	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-005	ESUTU097C05	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-006	ESUTU097C06	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-007	ESUTU097C07	N	TU097	36-L1	ESU	6/22/2021					
HPPG-F-090	ESUTU097C07	FD	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-008	ESUTU097C08	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-009	ESUTU097C09	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-010	ESUTU097C10	N	TU097	36-L1	ESU	6/22/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU097C-011	ESUTU097C11	N	TU097	36-L1	ESU	6/22/2021	0.0256 U	U	0.022	0.0256	Y
HPPG-ESU-TU097C-012	ESUTU097C12	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-013	ESUTU097C13	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-014	ESUTU097C14	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-015	ESUTU097C15	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-016	ESUTU097C16	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-017	ESUTU097C17	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-018	ESUTU097C18	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-019	ESUTU097C19	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-020	ESUTU097C20	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-021	ESUTU097C21	N	TU097	36-L1	ESU	6/22/2021	0.0267 U	U	0.0216	0.0267	Y
HPPG-ESU-TU097C-022	ESUTU097C22	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-023	ESUTU097C23	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-024	ESUTU097C24	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-025	ESUTU097C25	N	TU097	36-L1	ESU	6/22/2021					
HPPG-ESU-TU097C-B-001	ESUTU097CB001	N	TU097	36-L1	ESU	6/23/2021	0.0264 U	U	0.0215	0.0264	Y
HPPG-ESU-TU097C-B-002	ESUTU097CB02	N	TU097	36-L1	ESU	8/26/2021	0.0267 U	U	0.0239	0.0267	Y
HPPG-ESU-TU097C-B-002-A	ESUTU097CB02	N				8/26/2021	0.0286 U	U	0.0253	0.0286	Y
HPPG-ESU-TU097C-B-002-B	ESUTU097CB02	N				8/26/2021	0.0264 U	U	0.0245	0.0264	Y
HPPG-ESU-TU097C-B-002-C	ESUTU097CB02	N				8/26/2021	0.0292 U	U	0.0253	0.0292	Y
HPPG-ESU-TU097C-B-002-D	ESUTU097CB02	N				8/26/2021	0.0259 U	U	0.0217	0.0259	Y
HPPG-ESU-TU097C-B-003	ESUTU097CB03	N	TU097	36-L1	ESU	8/26/2021	0.0291 U	U	0.028	0.0291	Y
HPPG-ESU-TU097C-B-004	ESUTU097CB04	N	TU097	36-L1	ESU	8/26/2021	0.0304 U	U	0.0263	0.0304	Y
HPPG-ESU-TU098A-001	ESUTU098A01	N	TU098	20-L1	ESU	9/28/2020	0.0223 U	U	0.0212	0.0223	Y
HPPG-ESU-TU098A-002	ESUTU098A02	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-003	ESUTU098A03	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-004	ESUTU098A04	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-005	ESUTU098A05	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-006	ESUTU098A06	N	TU098	20-L1	ESU	9/28/2020					
HPPG-F-001	ESUTU098A06	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-007	ESUTU098A07	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008	ESUTU098A08	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-008A	ESUTU098A08	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-009	ESUTU098A09	N	TU098	20-L1	ESU	9/28/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098A-010	ESUTU098A10	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-011	ESUTU098A11	N	TU098	20-L1	ESU	9/28/2020	0.0289 U	U	0.0247	0.0289	Y
HPPG-ESU-TU098A-012	ESUTU098A12	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-012A	ESUTU098A12	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-013	ESUTU098A13	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-013A	ESUTU098A13	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-014	ESUTU098A14	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-014A	ESUTU098A14	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-015	ESUTU098A15	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-015A	ESUTU098A15	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-016	ESUTU098A16	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-016A	ESUTU098A16	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-017	ESUTU098A17	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-017A	ESUTU098A17	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-018	ESUTU098A18	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-019	ESUTU098A19	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-020	ESUTU098A20	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-021	ESUTU098A21	N	TU098	20-L1	ESU	9/28/2020	0.0254 U	U	0.0237	0.0254	Y
HPPG-ESU-TU098A-021A	ESUTU098A21	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-022	ESUTU098A22	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-022A	ESUTU098A22	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-023	ESUTU098A23	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-023A	ESUTU098A23	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-024	ESUTU098A24	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-024A	ESUTU098A24	N	TU098	20-L1	ESU	6/16/2021					
HPPG-F-002	ESUTU098A24	FD	TU098	20-L1	ESU	9/28/2020					
HPPG-F-002A	ESUTU098A24	FD	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-025	ESUTU098A25	N	TU098	20-L1	ESU	9/28/2020					
HPPG-ESU-TU098A-025A	ESUTU098A25	N	TU098	20-L1	ESU	6/16/2021					
HPPG-ESU-TU098A-B-001	ESUTU098AB01	N	TU098	20-L1	ESU	9/29/2020	0.0233 U	U	0.0202	0.0233	Y
HPPG-ESU-TU098B-001	ESUTU098B01	N	TU098	18-L1	ESU	10/5/2020	0.0242 U	U	0.0211	0.0242	Y
HPPG-F-005	ESUTU098B01	FD	TU098	18-L1	ESU	10/5/2020	0.0233 U	U	0.0223	0.0233	Y
HPPG-ESU-TU098B-002	ESUTU098B02	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-003	ESUTU098B03	N	TU098	18-L1	ESU	10/5/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098B-004	ESUTU098B04	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-005	ESUTU098B05	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-006	ESUTU098B06	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-007	ESUTU098B07	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-008	ESUTU098B08	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-009	ESUTU098B09	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-010	ESUTU098B10	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-011	ESUTU098B11	N	TU098	18-L1	ESU	10/5/2020	0.0225 U	U	0.0193	0.0225	Y
HPPG-ESU-TU098B-012	ESUTU098B12	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-013	ESUTU098B13	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-014	ESUTU098B14	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-015	ESUTU098B15	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-016	ESUTU098B16	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-017	ESUTU098B17	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-018	ESUTU098B18	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-019	ESUTU098B19	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-020	ESUTU098B20	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-021	ESUTU098B21	N	TU098	18-L1	ESU	10/5/2020	0.0268 U	U	0.025	0.0268	Y
HPPG-ESU-TU098B-022	ESUTU098B22	N	TU098	18-L1	ESU	10/5/2020					
HPPG-F-006	ESUTU098B22	FD	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-023	ESUTU098B23	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-024	ESUTU098B24	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-025	ESUTU098B25	N	TU098	18-L1	ESU	10/5/2020					
HPPG-ESU-TU098B-B-001	ESUTU098BB01	N	TU098	18-L1	ESU	10/6/2020	0.0223 U	U	0.0194	0.0223	Y
HPPG-ESU-TU098C-001	ESUTU098C01	N	TU098	20-L2	ESU	10/13/2020	0.0263 U	U	0.0207	0.0263	Y
HPPG-ESU-TU098C-002	ESUTU098C02	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-003	ESUTU098C03	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-004	ESUTU098C04	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-005	ESUTU098C05	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-006	ESUTU098C06	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-007	ESUTU098C07	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-008	ESUTU098C08	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-009	ESUTU098C09	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-010	ESUTU098C10	N	TU098	20-L2	ESU	10/13/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098C-011	ESUTU098C11	N	TU098	20-L2	ESU	10/13/2020	0.0263 U	U	0.0234	0.0263	Y
HPPG-ESU-TU098C-012	ESUTU098C12	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-009	ESUTU098C12	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-013	ESUTU098C13	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-014	ESUTU098C14	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-015	ESUTU098C15	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-016	ESUTU098C16	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-017	ESUTU098C17	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-018	ESUTU098C18	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-019	ESUTU098C19	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-020	ESUTU098C20	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-021	ESUTU098C21	N	TU098	20-L2	ESU	10/13/2020	0.0324		0.0231	0.0229	Y
HPPG-ESU-TU098C-022	ESUTU098C22	N	TU098	20-L2	ESU	10/13/2020					
HPPG-F-010	ESUTU098C22	FD	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-023	ESUTU098C23	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-024	ESUTU098C24	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-025	ESUTU098C25	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098C-B-001	ESUTU098CB01	N	TU098	20-L2	ESU	10/13/2020					
HPPG-ESU-TU098D-001	ESUTU098D01	N	TU098	20-L3	ESU	10/28/2020	0.0336 U	U	0.0289	0.0336	Y
HPPG-F-023	ESUTU098D01	FD	TU098	20-L3	ESU	10/28/2020	0.0303 U	U	0.0287	0.0303	Y
HPPG-ESU-TU098D-002	ESUTU098D02	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-003	ESUTU098D03	N	TU098	20-L3	ESU	10/28/2020					
HPPG-F-024	ESUTU098D03	FD	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-004	ESUTU098D04	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-005	ESUTU098D05	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-006	ESUTU098D06	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-007	ESUTU098D07	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-008	ESUTU098D08	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-009	ESUTU098D09	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-010	ESUTU098D10	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-011	ESUTU098D11	N	TU098	20-L3	ESU	10/28/2020	0.0324 U	U	0.0292	0.0324	Y
HPPG-ESU-TU098D-012	ESUTU098D12	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-013	ESUTU098D13	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-014	ESUTU098D14	N	TU098	20-L3	ESU	10/28/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU098D-015	ESUTU098D15	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-016	ESUTU098D16	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-017	ESUTU098D17	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-018	ESUTU098D18	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-019	ESUTU098D19	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-020	ESUTU098D20	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-021	ESUTU098D21	N	TU098	20-L3	ESU	10/28/2020	0.0324 U	U	0.0279	0.0324	Y
HPPG-ESU-TU098D-022	ESUTU098D22	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-023	ESUTU098D23	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-024	ESUTU098D24	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-025	ESUTU098D25	N	TU098	20-L3	ESU	10/28/2020					
HPPG-ESU-TU098D-B-001	ESUTU098DB01	N	TU098	20-L3	ESU	10/28/2020	0.0330 U	U	0.0308	0.033	Y
HPPG-ESU-TU099A-001	ESUTU099A01	N	TU099	11-L1	ESU	11/6/2020	0.0231 U	U	0.0182	0.0231	Y
HPPG-F-029	ESUTU099A01	FD	TU099	11-L1	ESU	11/6/2020	0.0316 U	U	0.0279	0.0316	Y
HPPG-ESU-TU099A-002	ESUTU099A02	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-003	ESUTU099A03	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-004	ESUTU099A04	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-005	ESUTU099A05	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-006	ESUTU099A06	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-007	ESUTU099A07	N	TU099	11-L1	ESU	11/6/2020					
HPPG-F-030	ESUTU099A07	FD	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-008	ESUTU099A08	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-009	ESUTU099A09	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-010	ESUTU099A10	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-011	ESUTU099A11	N	TU099	11-L1	ESU	11/6/2020	0.0293 U	U	0.0272	0.0293	Y
HPPG-ESU-TU099A-012	ESUTU099A12	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-013	ESUTU099A13	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-014	ESUTU099A14	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-015	ESUTU099A15	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-016	ESUTU099A16	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-017	ESUTU099A17	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-018	ESUTU099A18	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-019	ESUTU099A19	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-020	ESUTU099A20	N	TU099	11-L1	ESU	11/6/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099A-021	ESUTU099A21	N	TU099	11-L1	ESU	11/6/2020	0.0260 U	U	0.0235	0.026	Y
HPPG-ESU-TU099A-022	ESUTU099A22	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-023	ESUTU099A23	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-024	ESUTU099A24	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-025	ESUTU099A25	N	TU099	11-L1	ESU	11/6/2020					
HPPG-ESU-TU099A-B-001	ESUTU099AB01	N	TU099	11-L1	ESU	11/7/2020	0.0298 U	U	0.0248	0.0298	Y
HPPG-ESU-TU099B-001	ESUTU099B01	N	TU099	11-L2	ESU	12/5/2020	0.0236 U	U	0.0211	0.0236	Y
HPPG-ESU-TU099B-002	ESUTU099B02	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-003	ESUTU099B03	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-004	ESUTU099B04	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-005	ESUTU099B05	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-006	ESUTU099B06	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-007	ESUTU099B07	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-008	ESUTU099B08	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-009	ESUTU099B09	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-010	ESUTU099B10	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-011	ESUTU099B11	N	TU099	11-L2	ESU	12/5/2020	0.0295 U	U	0.0275	0.0295	Y
HPPG-ESU-TU099B-012	ESUTU099B12	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-013	ESUTU099B13	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-014	ESUTU099B14	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-015	ESUTU099B15	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-016	ESUTU099B16	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-017	ESUTU099B17	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-018	ESUTU099B18	N	TU099	11-L2	ESU	12/5/2020					
HPPG-F-053	ESUTU099B18	FD	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-019	ESUTU099B19	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-020	ESUTU099B20	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-021	ESUTU099B21	N	TU099	11-L2	ESU	12/5/2020	0.0288 U	U	0.0243	0.0288	Y
HPPG-F-054	ESUTU099B21	FD	TU099	11-L2	ESU	12/5/2020	0.0331 U	U	0.0291	0.0331	Y
HPPG-ESU-TU099B-022	ESUTU099B22	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-023	ESUTU099B23	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-024	ESUTU099B24	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-025	ESUTU099B25	N	TU099	11-L2	ESU	12/5/2020					
HPPG-ESU-TU099B-B-001	ESUTU099BB01	N	TU099	11-L2	ESU	12/5/2020	0.0236 U	U	0.0215	0.0236	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU099C-001	ESUTU099C01	N	TU099	11-L3	ESU	12/12/2020	0.0288 U	U	0.0231	0.0288	Y
HPPG-ESU-TU099C-002	ESUTU099C02	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-003	ESUTU099C03	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-004	ESUTU099C04	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-005	ESUTU099C05	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-006	ESUTU099C06	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-007	ESUTU099C07	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-008	ESUTU099C08	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-009	ESUTU099C09	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-060	ESUTU099C09	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-010	ESUTU099C10	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-011	ESUTU099C11	N	TU099	11-L3	ESU	12/12/2020	0.0311 U	U	0.026	0.0311	Y
HPPG-ESU-TU099C-012	ESUTU099C12	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-013	ESUTU099C13	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-014	ESUTU099C14	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-015	ESUTU099C15	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-016	ESUTU099C16	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-017	ESUTU099C17	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-018	ESUTU099C18	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-019	ESUTU099C19	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-020	ESUTU099C20	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-021	ESUTU099C21	N	TU099	11-L3	ESU	12/12/2020	0.0253 U	U	0.0216	0.0253	Y
HPPG-ESU-TU099C-022	ESUTU099C22	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-023	ESUTU099C23	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-024	ESUTU099C24	N	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-025	ESUTU099C25	N	TU099	11-L3	ESU	12/12/2020					
HPPG-F-059	ESUTU099C25	FD	TU099	11-L3	ESU	12/12/2020					
HPPG-ESU-TU099C-B-001	ESUTU099CB01	N	TU099	11-L3	ESU	12/12/2020	0.0338 U	U	0.0304	0.0338	Y
HPPG-ESU-TU100A-001	ESUTU100A001	N	TU100	24B-L1	ESU	6/9/2021	0.0364 U	U	0.0324	0.0364	Y
HPPG-ESU-TU100A-002	ESUTU100A002	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-003	ESUTU100A003	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-004	ESUTU100A004	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-005	ESUTU100A005	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-006	ESUTU100A006	N	TU100	24B-L1	ESU	6/9/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU100A-007	ESUTU100A007	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-008	ESUTU100A008	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-009	ESUTU100A009	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-010	ESUTU100A010	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-011	ESUTU100A011	N	TU100	24B-L1	ESU	6/9/2021	0.0292 U	U	0.0269	0.0292	Y
HPPG-ESU-TU100A-012	ESUTU100A012	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-013	ESUTU100A013	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-014	ESUTU100A014	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-015	ESUTU100A015	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-016	ESUTU100A016	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-017	ESUTU100A017	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-018	ESUTU100A018	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-019	ESUTU100A019	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-069	ESUTU100A019	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-020	ESUTU100A020	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-021	ESUTU100A021	N	TU100	24B-L1	ESU	6/9/2021	0.0278 U	U	0.0217	0.0278	Y
HPPG-ESU-TU100A-021-A	ESUTU100A021	N				6/9/2021	0.0247 U	U	0.0193	0.0247	Y
HPPG-ESU-TU100A-021-B	ESUTU100A021	N				6/9/2021	0.0234 U	U	0.0188	0.0234	Y
HPPG-ESU-TU100A-021-C	ESUTU100A021	N				6/9/2021	0.0200 U	U	0.0153	0.02	Y
HPPG-ESU-TU100A-021-D	ESUTU100A021	N				6/9/2021	0.0216 U	U	0.017	0.0216	Y
HPPG-ESU-TU100A-022	ESUTU100A022	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-023	ESUTU100A023	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-024	ESUTU100A024	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-025	ESUTU100A025	N	TU100	24B-L1	ESU	6/9/2021					
HPPG-F-070	ESUTU100A025	FD	TU100	24B-L1	ESU	6/9/2021					
HPPG-ESU-TU100A-B-001	ESUTU100AB01	N	TU100	24B-L1	ESU	6/11/2021	0.0298 U	U	0.0247	0.0298	Y
HPPG-ESU-TU101A-001	ESUTU101A01	N	TU101	24A-L1	ESU	6/8/2021	0.0316 U	U	0.0298	0.0316	Y
HPPG-ESU-TU101A-001-A	ESUTU101A01	N				6/8/2021	0.0241 U	U	0.0201	0.0241	Y
HPPG-ESU-TU101A-001-B	ESUTU101A01	N				6/8/2021	0.0259 U	U	0.0219	0.0259	Y
HPPG-ESU-TU101A-001-C	ESUTU101A01	N				6/8/2021	0.0234 U	U	0.0215	0.0234	Y
HPPG-ESU-TU101A-001-D	ESUTU101A01	N				6/8/2021	0.0309 U	U	0.0244	0.0309	Y
HPPG-ESU-TU101A-002	ESUTU101A02	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-003	ESUTU101A03	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-004	ESUTU101A04	N	TU101	24A-L1	ESU	6/8/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU101A-005	ESUTU101A05	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-006	ESUTU101A06	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-007	ESUTU101A07	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-008	ESUTU101A08	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-067	ESUTU101A08	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-009	ESUTU101A09	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-F-068	ESUTU101A09	FD	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-010	ESUTU101A10	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-011	ESUTU101A11	N	TU101	24A-L1	ESU	6/8/2021	0.0307 U	U	0.0242	0.0307	Y
HPPG-ESU-TU101A-012	ESUTU101A12	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-013	ESUTU101A13	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-014	ESUTU101A14	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-015	ESUTU101A15	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-016	ESUTU101A16	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-017	ESUTU101A17	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-018	ESUTU101A18	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-019	ESUTU101A19	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-020	ESUTU101A20	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-021	ESUTU101A21	N	TU101	24A-L1	ESU	6/8/2021	0.0325 U	U	0.0286	0.0325	Y
HPPG-ESU-TU101A-022	ESUTU101A22	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-023	ESUTU101A23	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-024	ESUTU101A24	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-025	ESUTU101A25	N	TU101	24A-L1	ESU	6/8/2021					
HPPG-ESU-TU101A-B-001	ESUTU101AB01	N	TU101	24A-L1	ESU	6/9/2021	0.0244 U	U	0.0207	0.0244	Y
HPPG-ESU-TU103A-001	ESUTU103A01	N	TU103	65-L1	ESU	9/30/2021	0.0252 U	U	0.0216	0.0252	Y
HPPG-F-202	ESUTU103A01	FD	TU103	65-L1	ESU	9/30/2021	0.0241 U	U	0.0185	0.0241	Y
HPPG-ESU-TU103A-002	ESUTU103A02	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-003	ESUTU103A03	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-004	ESUTU103A04	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-005	ESUTU103A05	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-006	ESUTU103A06	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-007	ESUTU103A07	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-008	ESUTU103A08	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-009	ESUTU103A09	N	TU103	65-L1	ESU	9/30/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-203	ESUTU103A09	FD	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-010	ESUTU103A10	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-011	ESUTU103A11	N	TU103	65-L1	ESU	9/30/2021	0.0287 U	U	0.0267	0.0287	Y
HPPG-ESU-TU103A-012	ESUTU103A12	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-013	ESUTU103A13	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-014	ESUTU103A14	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-015	ESUTU103A15	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-016	ESUTU103A16	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-017	ESUTU103A17	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-018	ESUTU103A18	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-019	ESUTU103A19	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-020	ESUTU103A20	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-021	ESUTU103A21	N	TU103	65-L1	ESU	9/30/2021	0.0264 U	U	0.022	0.0264	Y
HPPG-ESU-TU103A-022	ESUTU103A22	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-023	ESUTU103A23	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-024	ESUTU103A24	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-025	ESUTU103A25	N	TU103	65-L1	ESU	9/30/2021					
HPPG-ESU-TU103A-B-001	ESUTU103AB01	N	TU103	65-L1	ESU	10/1/2021	0.0370		0.0291	0.0287	Y
HPPG-ESU-TU103A-B-002	ESUTU103AB02	N	TU103	65-L1	ESU	10/1/2021	0.0269 U	U	0.0235	0.0269	Y
HPPG-ESU-TU103A-B-003	ESUTU103AB03	N	TU103	65-L1	ESU	10/1/2021	0.0276 U	U	0.0227	0.0276	Y
HPPG-ESU-TU103B-001	ESUTU103B01	N	TU103	62A-L1	ESU	10/15/2021	0.0246 U	U	0.0193	0.0246	Y
HPPG-F-212	ESUTU103B01	FD	TU103	62A-L1	ESU	10/15/2021	0.0287 U	U	0.0254	0.0287	Y
HPPG-ESU-TU103B-002	ESUTU103B02	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-003	ESUTU103B03	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-004	ESUTU103B04	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-005	ESUTU103B05	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-006	ESUTU103B06	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-007	ESUTU103B07	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-008	ESUTU103B08	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-009	ESUTU103B09	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-010	ESUTU103B10	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-011	ESUTU103B11	N	TU103	62A-L1	ESU	10/15/2021	0.0249 U	U	0.0209	0.0249	Y
HPPG-ESU-TU103B-012	ESUTU103B12	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-013	ESUTU103B13	N	TU103	62A-L1	ESU	10/15/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU103B-014	ESUTU103B14	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-015	ESUTU103B15	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-F-213	ESUTU103B15	FD	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-016	ESUTU103B16	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-017	ESUTU103B17	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-018	ESUTU103B18	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-019	ESUTU103B19	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-020	ESUTU103B20	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-021	ESUTU103B21	N	TU103	62A-L1	ESU	10/15/2021	0.0285 U	U	0.0252	0.0285	Y
HPPG-ESU-TU103B-022	ESUTU103B22	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-023	ESUTU103B23	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-024	ESUTU103B24	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-025	ESUTU103B25	N	TU103	62A-L1	ESU	10/15/2021					
HPPG-ESU-TU103B-B-001	ESUTU103BB01	N	TU103	62A-L1	ESU	10/18/2021	0.0400		0.027	0.0265	Y
HPPG-ESU-TU103B-B-002	ESUTU103BB02	N	TU103	62A-L1	ESU	10/18/2021	0.0315 U	U	0.0268	0.0315	Y
HPPG-ESU-TU103B-B-003	ESUTU103BB03	N	TU103	62A-L1	ESU	10/18/2021	0.0232 U	U	0.0197	0.0232	Y
HPPG-ESU-TU104A-001	ESUTU104A01	N	TU104	05-L1	ESU	8/3/2021	0.0280 U	U	0.0237	0.028	Y
HPPG-ESU-TU104A-002	ESUTU104A02	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-003	ESUTU104A03	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-004	ESUTU104A04	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-005	ESUTU104A05	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-006	ESUTU104A06	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-007	ESUTU104A07	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-008	ESUTU104A08	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-009	ESUTU104A09	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-010	ESUTU104A10	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-011	ESUTU104A11	N	TU104	05-L1	ESU	8/3/2021	0.0333		0.0296	0.0306	Y
HPPG-ESU-TU104A-012	ESUTU104A12	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-013	ESUTU104A13	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-014	ESUTU104A14	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-015	ESUTU104A15	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-016	ESUTU104A16	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-017	ESUTU104A17	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-154	ESUTU104A17	FD	TU104	05-L1	ESU	8/3/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104A-018	ESUTU104A18	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-019	ESUTU104A19	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-020	ESUTU104A20	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-021	ESUTU104A21	N	TU104	05-L1	ESU	8/3/2021	0.0349 U	U	0.0331	0.0349	Y
HPPG-ESU-TU104A-022	ESUTU104A22	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-023	ESUTU104A23	N	TU104	05-L1	ESU	8/3/2021					
HPPG-F-155	ESUTU104A23	FD	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-024	ESUTU104A24	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-025	ESUTU104A25	N	TU104	05-L1	ESU	8/3/2021					
HPPG-ESU-TU104A-B-001	ESUTU104AB01	N	TU104	05-L1	ESU	8/4/2021	0.0313		0.029	0.0301	Y
HPPG-ESU-TU104A-B-002	ESUTU104AB02	N	TU104	05-L1	ESU	8/27/2021	0.0287 U	U	0.0247	0.0287	Y
HPPG-ESU-TU104A-B-003	ESUTU104AB03	N	TU104	05-L1	ESU	8/27/2021	0.0285 U	U	0.0253	0.0285	Y
HPPG-ESU-TU104B-001	ESUTU104B01	N	TU104	06-L1	ESU	8/5/2021	0.0220 U	U	0.017	0.022	Y
HPPG-F-156	ESUTU104B01	FD	TU104	06-L1	ESU	8/5/2021	0.0251 U	U	0.0213	0.0251	Y
HPPG-ESU-TU104B-002	ESUTU104B02	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-003	ESUTU104B03	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-004	ESUTU104B04	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-005	ESUTU104B05	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-006	ESUTU104B06	N	TU104	06-L1	ESU	8/5/2021					
HPPG-F-157	ESUTU104B06	FD	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-007	ESUTU104B07	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-008	ESUTU104B08	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-009	ESUTU104B09	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-010	ESUTU104B10	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-011	ESUTU104B11	N	TU104	06-L1	ESU	8/5/2021	0.0242 U	U	0.02	0.0242	Y
HPPG-ESU-TU104B-012	ESUTU104B12	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-013	ESUTU104B13	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-014	ESUTU104B14	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-015	ESUTU104B15	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-016	ESUTU104B16	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-017	ESUTU104B17	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-018	ESUTU104B18	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-019	ESUTU104B19	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-020	ESUTU104B20	N	TU104	06-L1	ESU	8/5/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104B-021	ESUTU104B21	N	TU104	06-L1	ESU	8/5/2021	0.0233 U	U	0.0221	0.0233	Y
HPPG-ESU-TU104B-022	ESUTU104B22	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-023	ESUTU104B23	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-024	ESUTU104B24	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-025	ESUTU104B25	N	TU104	06-L1	ESU	8/5/2021					
HPPG-ESU-TU104B-B-001	ESUTU104BB01	N	TU104	06-L1	ESU	8/6/2021	0.0303 U	U	0.024	0.0303	Y
HPPG-ESU-TU104B-B-002	ESUTU104BB02	N	TU104	06-L1	ESU	8/6/2021	0.0282 U	U	0.0244	0.0282	Y
HPPG-ESU-TU104B-B-003	ESUTU104BB03	N	TU104	06-L1	ESU	8/6/2021	0.0274 U	U	0.0234	0.0274	Y
HPPG-ESU-TU104C-001	ESUTU104C01	N	TU104	06-L2	ESU	9/24/2021	0.0210 U	U	0.0189	0.021	Y
HPPG-ESU-TU104C-002	ESUTU104C02	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-200	ESUTU104C02	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-003	ESUTU104C03	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-004	ESUTU104C04	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-005	ESUTU104C05	N	TU104	06-L2	ESU	9/24/2021					
HPPG-F-201	ESUTU104C05	FD	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-006	ESUTU104C06	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-007	ESUTU104C07	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-008	ESUTU104C08	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-009	ESUTU104C09	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-010	ESUTU104C10	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-011	ESUTU104C11	N	TU104	06-L2	ESU	9/24/2021	0.0223 U	U	0.0204	0.0223	Y
HPPG-ESU-TU104C-012	ESUTU104C12	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-013	ESUTU104C13	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-014	ESUTU104C14	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-015	ESUTU104C15	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-016	ESUTU104C16	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-017	ESUTU104C17	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-018	ESUTU104C18	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-019	ESUTU104C19	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-020	ESUTU104C20	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-021	ESUTU104C21	N	TU104	06-L2	ESU	9/24/2021	0.0264 U	U	0.0228	0.0264	Y
HPPG-ESU-TU104C-022	ESUTU104C22	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-023	ESUTU104C23	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-024	ESUTU104C24	N	TU104	06-L2	ESU	9/24/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU104C-025	ESUTU104C25	N	TU104	06-L2	ESU	9/24/2021					
HPPG-ESU-TU104C-B-001	ESUTU104CB01	N	TU104	06-L2	ESU	9/28/2021	0.0233 U	U	0.0194	0.0233	Y
HPPG-ESU-TU104C-B-002	ESUTU104CB02	N	TU104	06-L2	ESU	9/28/2021	0.0278 U	U	0.0247	0.0278	Y
HPPG-ESU-TU104C-B-003	ESUTU104CB03	N	TU104	06-L2	ESU	9/28/2021	0.0243 U	U	0.0224	0.0243	Y
HPPG-ESU-TU107A-001	ESUTU107A01	N	TU107	35-L1	ESU	11/6/2020	0.0313 U	U	0.0292	0.0313	Y
HPPG-ESU-TU107A-002	ESUTU107A02	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-003	ESUTU107A03	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-004	ESUTU107A04	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-005	ESUTU107A05	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-006	ESUTU107A06	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-007	ESUTU107A07	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-008	ESUTU107A08	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-009	ESUTU107A09	N	TU107	35-L1	ESU	11/6/2020					
HPPG-F-027	ESUTU107A09	FD	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-010	ESUTU107A10	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-011	ESUTU107A11	N	TU107	35-L1	ESU	11/6/2020	0.0281 U	U	0.0261	0.0281	Y
HPPG-ESU-TU107A-012	ESUTU107A12	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-013	ESUTU107A13	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-014	ESUTU107A14	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-015	ESUTU107A15	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-016	ESUTU107A16	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-017	ESUTU107A17	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-018	ESUTU107A18	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-019	ESUTU107A19	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-020	ESUTU107A20	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-021	ESUTU107A21	N	TU107	35-L1	ESU	11/6/2020	0.0304 U	U	0.0249	0.0304	Y
HPPG-F-028	ESUTU107A21	FD	TU107	35-L1	ESU	11/6/2020	0.0283 U	U	0.0243	0.0283	Y
HPPG-ESU-TU107A-022	ESUTU107A22	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-023	ESUTU107A23	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-024	ESUTU107A24	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-025	ESUTU107A25	N	TU107	35-L1	ESU	11/6/2020					
HPPG-ESU-TU107A-B-001	ESUTU107AB01	N	TU107	35-L1	ESU	11/7/2020	0.0299 U	U	0.0238	0.0299	Y
HPPG-ESU-TU107B-001	ESUTU107B01	N	TU107	35-L2	ESU	11/24/2020	0.0261 U	U	0.0239	0.0261	Y
HPPG-ESU-TU107B-002	ESUTU107B02	N	TU107	35-L2	ESU	11/24/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU107B-003	ESUTU107B03	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-004	ESUTU107B04	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-049	ESUTU107B04	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-005	ESUTU107B05	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-006	ESUTU107B06	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-007	ESUTU107B07	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-008	ESUTU107B08	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-009	ESUTU107B09	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-010	ESUTU107B10	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-011	ESUTU107B11	N	TU107	35-L2	ESU	11/24/2020	0.0261 U	U	0.022	0.0261	Y
HPPG-ESU-TU107B-012	ESUTU107B12	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-013	ESUTU107B13	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-014	ESUTU107B14	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-015	ESUTU107B15	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-016	ESUTU107B16	N	TU107	35-L2	ESU	11/24/2020					
HPPG-F-050	ESUTU107B16	FD	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-017	ESUTU107B17	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-018	ESUTU107B18	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-019	ESUTU107B19	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-020	ESUTU107B20	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-021	ESUTU107B21	N	TU107	35-L2	ESU	11/24/2020	0.0253 U	U	0.0242	0.0253	Y
HPPG-ESU-TU107B-022	ESUTU107B22	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-023	ESUTU107B23	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-024	ESUTU107B24	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-025	ESUTU107B25	N	TU107	35-L2	ESU	11/24/2020					
HPPG-ESU-TU107B-B-001	ESUTU107BB01	N	TU107	35-L2	ESU	11/25/2020	0.0251 U	U	0.0225	0.0251	Y
HPPG-ESU-TU108A-001	ESUTU108A01	N	TU108	40-L1	ESU	11/9/2020	0.0334 U	U	0.0286	0.0334	Y
HPPG-F-031	ESUTU108A01	FD	TU108	40-L1	ESU	11/9/2020	0.0315 U	U	0.0287	0.0315	Y
HPPG-ESU-TU108A-002	ESUTU108A02	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-003	ESUTU108A03	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-004	ESUTU108A04	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-005	ESUTU108A05	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-006	ESUTU108A06	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-007	ESUTU108A07	N	TU108	40-L1	ESU	11/9/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108A-008	ESUTU108A08	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-009	ESUTU108A09	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-010	ESUTU108A10	N	TU108	40-L1	ESU	11/9/2020					
HPPG-F-032	ESUTU108A10	FD	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-011	ESUTU108A11	N	TU108	40-L1	ESU	11/9/2020	0.0367		0.0303	0.0309	Y
HPPG-ESU-TU108A-012	ESUTU108A12	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-013	ESUTU108A13	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-014	ESUTU108A14	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-015	ESUTU108A15	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-016	ESUTU108A16	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-017	ESUTU108A17	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-018	ESUTU108A18	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-019	ESUTU108A19	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-020	ESUTU108A20	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-021	ESUTU108A21	N	TU108	40-L1	ESU	11/9/2020	0.0273 U	U	0.0247	0.0273	Y
HPPG-ESU-TU108A-022	ESUTU108A22	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-023	ESUTU108A23	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-024	ESUTU108A24	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-025	ESUTU108A25	N	TU108	40-L1	ESU	11/9/2020					
HPPG-ESU-TU108A-B-001	ESUTU108AB01	N	TU108	40-L1	ESU	11/9/2020	0.0251 U	U	0.0224	0.0251	Y
HPPG-ESU-TU108B-001	ESUTU108B01	N	TU108	40-L2	ESU	11/21/2020	0.0285 U	U	0.0231	0.0285	Y
HPPG-ESU-TU108B-002	ESUTU108B02	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-003	ESUTU108B03	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-004	ESUTU108B04	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-005	ESUTU108B05	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-006	ESUTU108B06	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-007	ESUTU108B07	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-008	ESUTU108B08	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-009	ESUTU108B09	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-010	ESUTU108B10	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-011	ESUTU108B11	N	TU108	40-L2	ESU	11/21/2020	0.0272 U	U	0.0233	0.0272	Y
HPPG-F-041	ESUTU108B11	FD	TU108	40-L2	ESU	11/21/2020	0.0246 U	U	0.0206	0.0246	Y
HPPG-ESU-TU108B-012	ESUTU108B12	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-013	ESUTU108B13	N	TU108	40-L2	ESU	11/21/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU108B-014	ESUTU108B14	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-015	ESUTU108B15	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-016	ESUTU108B16	N	TU108	40-L2	ESU	11/21/2020					
HPPG-F-042	ESUTU108B16	FD	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-017	ESUTU108B17	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-018	ESUTU108B18	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-019	ESUTU108B19	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-020	ESUTU108B20	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-021	ESUTU108B21	N	TU108	40-L2	ESU	11/21/2020	0.0279 U	U	0.0264	0.0279	Y
HPPG-ESU-TU108B-022	ESUTU108B22	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-023	ESUTU108B23	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-024	ESUTU108B24	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-025	ESUTU108B25	N	TU108	40-L2	ESU	11/21/2020					
HPPG-ESU-TU108B-B-001	ESUTU108BB01	N	TU108	40-L2	ESU	11/23/2020	0.0247 U	U	0.0236	0.0247	Y
HPPG-ESU-TU109A-001	ESUTU109A01	N	TU109	60-L1	ESU	8/11/2021	0.0205 U	U	0.0175	0.0205	Y
HPPG-F-160	ESUTU109A01	FD	TU109	60-L1	ESU	8/11/2021	0.0216 U	U	0.0183	0.0216	Y
HPPG-ESU-TU109A-002	ESUTU109A02	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-003	ESUTU109A03	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-004	ESUTU109A04	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-005	ESUTU109A05	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-006	ESUTU109A06	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-007	ESUTU109A07	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-008	ESUTU109A08	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-009	ESUTU109A09	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-010	ESUTU109A10	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-011	ESUTU109A11	N	TU109	60-L1	ESU	8/11/2021	0.0210 U	U	0.0183	0.021	Y
HPPG-ESU-TU109A-012	ESUTU109A12	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-013	ESUTU109A13	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-014	ESUTU109A14	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-015	ESUTU109A15	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-016	ESUTU109A16	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-017	ESUTU109A17	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-018	ESUTU109A18	N	TU109	60-L1	ESU	8/11/2021					
HPPG-F-161	ESUTU109A18	FD	TU109	60-L1	ESU	8/11/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109A-019	ESUTU109A19	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-020	ESUTU109A20	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-021	ESUTU109A21	N	TU109	60-L1	ESU	8/11/2021	0.0238 U	U	0.0216	0.0238	Y
HPPG-ESU-TU109A-022	ESUTU109A22	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-023	ESUTU109A23	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-024	ESUTU109A24	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-025	ESUTU109A25	N	TU109	60-L1	ESU	8/11/2021					
HPPG-ESU-TU109A-B-001	ESUTU109AB01	N	TU109	60-L1	ESU	8/12/2021	0.0320 U	U	0.0296	0.032	Y
HPPG-ESU-TU109A-B-002	ESUTU109AB02	N	TU109	60-L1	ESU	8/12/2021	0.0189 U	U	0.0173	0.0189	Y
HPPG-ESU-TU109A-B-003	ESUTU109AB03	N	TU109	60-L1	ESU	8/12/2021	0.0277 U	U	0.0233	0.0277	Y
HPPG-ESU-TU109B-001	ESUTU109B01	N	TU109	59-L1	ESU	8/13/2021	0.0241 U	U	0.0217	0.0241	Y
HPPG-ESU-TU109B-002	ESUTU109B02	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-003	ESUTU109B03	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-004	ESUTU109B04	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-162	ESUTU109B04	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-005	ESUTU109B05	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-006	ESUTU109B06	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-007	ESUTU109B07	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-008	ESUTU109B08	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-009	ESUTU109B09	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-010	ESUTU109B10	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-011	ESUTU109B11	N	TU109	59-L1	ESU	8/13/2021	0.0306 U	U	0.0268	0.0306	Y
HPPG-ESU-TU109B-012	ESUTU109B12	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-013	ESUTU109B13	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-014	ESUTU109B14	N	TU109	59-L1	ESU	8/13/2021					
HPPG-F-163	ESUTU109B14	FD	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-015	ESUTU109B15	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-016	ESUTU109B16	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-017	ESUTU109B17	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-018	ESUTU109B18	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-019	ESUTU109B19	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-020	ESUTU109B20	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-021	ESUTU109B21	N	TU109	59-L1	ESU	8/13/2021	0.0293 U	U	0.0267	0.0293	Y
HPPG-ESU-TU109B-022	ESUTU109B22	N	TU109	59-L1	ESU	8/13/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109B-023	ESUTU109B23	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-024	ESUTU109B24	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-025	ESUTU109B25	N	TU109	59-L1	ESU	8/13/2021					
HPPG-ESU-TU109B-B-001	ESUTU109BB01	N	TU109	59-L1	ESU	8/16/2021	0.0257 U	U	0.0217	0.0257	Y
HPPG-ESU-TU109B-B-002	ESUTU109BB02	N	TU109	59-L1	ESU	8/16/2021	0.0250 U	U	0.0221	0.025	Y
HPPG-ESU-TU109B-B-003	ESUTU109BB03	N	TU109	59-L1	ESU	8/16/2021	0.0228 U	U	0.0205	0.0228	Y
HPPG-ESU-TU109C-001	ESUTU109C01	N	TU109	58-L1	ESU	8/17/2021	0.0240 U	U	0.0227	0.024	Y
HPPG-ESU-TU109C-002	ESUTU109C02	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-003	ESUTU109C03	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-004	ESUTU109C04	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-005	ESUTU109C05	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-006	ESUTU109C06	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-007	ESUTU109C07	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-008	ESUTU109C08	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-009	ESUTU109C09	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-010	ESUTU109C10	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-011	ESUTU109C11	N	TU109	58-L1	ESU	8/17/2021	0.0352		0.0258	0.0259	Y
HPPG-ESU-TU109C-012	ESUTU109C12	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-013	ESUTU109C13	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-014	ESUTU109C14	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-015	ESUTU109C15	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-016	ESUTU109C16	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-017	ESUTU109C17	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-018	ESUTU109C18	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-019	ESUTU109C19	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-020	ESUTU109C20	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-021	ESUTU109C21	N	TU109	58-L1	ESU	8/17/2021	0.0314 U	U	0.0286	0.0314	Y
HPPG-F-166	ESUTU109C21	FD	TU109	58-L1	ESU	8/17/2021	0.0438		0.0255	0.0243	Y
HPPG-ESU-TU109C-022	ESUTU109C22	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-023	ESUTU109C23	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-024	ESUTU109C24	N	TU109	58-L1	ESU	8/17/2021					
HPPG-F-167	ESUTU109C24	FD	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-025	ESUTU109C25	N	TU109	58-L1	ESU	8/17/2021					
HPPG-ESU-TU109C-B-001	ESUTU109CB01	N	TU109	58-L1	ESU	8/18/2021	0.0218 U	U	0.0201	0.0218	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109C-B-002	ESUTU109CB02	N	TU109	58-L1	ESU	8/18/2021	0.0405		0.0266	0.0262	Y
HPPG-ESU-TU109C-B-003	ESUTU109CB03	N	TU109	58-L1	ESU	8/18/2021	0.0251 U	U	0.0241	0.0251	Y
HPPG-ESU-TU109D-001	ESUTU109D01	N	TU109	08-L1	ESU	8/18/2021	0.0504		0.0279	0.0266	Y
HPPG-ESU-TU109D-002	ESUTU109D02	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-003	ESUTU109D03	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-004	ESUTU109D04	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-005	ESUTU109D05	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-006	ESUTU109D06	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-007	ESUTU109D07	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-008	ESUTU109D08	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-168	ESUTU109D08	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-009	ESUTU109D09	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-010	ESUTU109D10	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-011	ESUTU109D11	N	TU109	08-L1	ESU	8/18/2021	0.0245 U	U	0.02	0.0245	Y
HPPG-ESU-TU109D-012	ESUTU109D12	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-013	ESUTU109D13	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-014	ESUTU109D14	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-015	ESUTU109D15	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-016	ESUTU109D16	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-017	ESUTU109D17	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-018	ESUTU109D18	N	TU109	08-L1	ESU	8/18/2021					
HPPG-F-169	ESUTU109D18	FD	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-019	ESUTU109D19	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-020	ESUTU109D20	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-021	ESUTU109D21	N	TU109	08-L1	ESU	8/18/2021	0.0262 U	UJ	0.0195	0.0262	Y
HPPG-ESU-TU109D-022	ESUTU109D22	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-023	ESUTU109D23	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-024	ESUTU109D24	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-025	ESUTU109D25	N	TU109	08-L1	ESU	8/18/2021					
HPPG-ESU-TU109D-B-001	ESUTU109DB01	N	TU109	08-L1	ESU	8/18/2021	0.0373 U	U	0.0316	0.0373	Y
HPPG-ESU-TU109D-B-002	ESUTU109DB02	N	TU109	08-L1	ESU	8/18/2021	0.0274 U	U	0.0232	0.0274	Y
HPPG-ESU-TU109D-B-003	ESUTU109DB03	N	TU109	08-L1	ESU	8/18/2021	0.0267 U	UJ	0.02	0.0267	Y
HPPG-ESU-TU109E-001	ESUTU109E01	N	TU109	60-L2	ESU	8/24/2021	0.0253 U	U	0.0222	0.0253	Y
HPPG-ESU-TU109E-002	ESUTU109E02	N	TU109	60-L2	ESU	8/24/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109E-003	ESUTU109E03	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-172	ESUTU109E03	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-004	ESUTU109E04	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-005	ESUTU109E05	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-006	ESUTU109E06	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-007	ESUTU109E07	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-008	ESUTU109E08	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-009	ESUTU109E09	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-010	ESUTU109E10	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-011	ESUTU109E11	N	TU109	60-L2	ESU	8/24/2021	0.0328 U	U	0.0288	0.0328	Y
HPPG-ESU-TU109E-012	ESUTU109E12	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-013	ESUTU109E13	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-014	ESUTU109E14	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-015	ESUTU109E15	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-016	ESUTU109E16	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-017	ESUTU109E17	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-018	ESUTU109E18	N	TU109	60-L2	ESU	8/24/2021					
HPPG-F-173	ESUTU109E18	FD	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-019	ESUTU109E19	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-020	ESUTU109E20	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-021	ESUTU109E21	N	TU109	60-L2	ESU	8/24/2021	0.0289 U	U	0.0248	0.0289	Y
HPPG-ESU-TU109E-021-A	ESUTU109E21	N				8/24/2021	0.0249 U	U	0.0226	0.0249	Y
HPPG-ESU-TU109E-021-B	ESUTU109E21	N				8/24/2021	0.0362 U	U	0.0329	0.0362	Y
HPPG-ESU-TU109E-021-C	ESUTU109E21	N				8/24/2021	0.0234 U	U	0.0209	0.0234	Y
HPPG-ESU-TU109E-021-D	ESUTU109E21	N				8/24/2021	0.0310 U	UJ	0.022	0.031	Y
HPPG-ESU-TU109E-022	ESUTU109E22	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-023	ESUTU109E23	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-024	ESUTU109E24	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-025	ESUTU109E25	N	TU109	60-L2	ESU	8/24/2021					
HPPG-ESU-TU109E-B-001	ESUTU109EB01	N	TU109	60-L2	ESU	8/25/2021	0.0254 U	U	0.0222	0.0254	Y
HPPG-ESU-TU109E-B-002	ESUTU109EB02	N	TU109	60-L2	ESU	8/25/2021	0.0221 U	U	0.0202	0.0221	Y
HPPG-ESU-TU109E-B-003	ESUTU109EB03	N	TU109	60-L2	ESU	8/25/2021	0.0267 U	U	0.0226	0.0267	Y
HPPG-ESU-TU109F-001	ESUTU109F01	N	TU109	59-L2	ESU	9/8/2021	0.0193 U	U	0.0174	0.0193	Y
HPPG-ESU-TU109F-002	ESUTU109F02	N	TU109	59-L2	ESU	9/8/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109F-003	ESUTU109F03	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-004	ESUTU109F04	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-180	ESUTU109F04	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-005	ESUTU109F05	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-006	ESUTU109F06	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-007	ESUTU109F07	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-008	ESUTU109F08	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-009	ESUTU109F09	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-010	ESUTU109F10	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-011	ESUTU109F11	N	TU109	59-L2	ESU	9/8/2021	0.0286 U	U	0.0262	0.0286	Y
HPPG-ESU-TU109F-012	ESUTU109F12	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-013	ESUTU109F13	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-014	ESUTU109F14	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-015	ESUTU109F15	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-016	ESUTU109F16	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-017	ESUTU109F17	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-018	ESUTU109F18	N	TU109	59-L2	ESU	9/8/2021					
HPPG-F-181	ESUTU109F18	FD	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-019	ESUTU109F19	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-020	ESUTU109F20	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-021	ESUTU109F21	N	TU109	59-L2	ESU	9/8/2021	0.0246 U	U	0.0203	0.0246	Y
HPPG-ESU-TU109F-022	ESUTU109F22	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-023	ESUTU109F23	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-024	ESUTU109F24	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-025	ESUTU109F25	N	TU109	59-L2	ESU	9/8/2021					
HPPG-ESU-TU109F-B-001	ESUTU109FB01	N	TU109	59-L2	ESU	9/9/2021	0.0259 U	U	0.0235	0.0259	Y
HPPG-ESU-TU109F-B-002	ESUTU109FB02	N	TU109	59-L2	ESU	9/9/2021	0.0235	J	0.0227	0.0232	Y
HPPG-ESU-TU109F-B-003	ESUTU109FB03	N	TU109	59-L2	ESU	9/9/2021	0.0254 U	U	0.0202	0.0254	Y
HPPG-ESU-TU109G-001	ESUTU109G01	N	TU109	08-L2	ESU	8/27/2021	0.0299 U	UJ	0.0217	0.0299	Y
HPPG-ESU-TU109G-002	ESUTU109G02	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-003	ESUTU109G03	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-004	ESUTU109G04	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-005	ESUTU109G05	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-006	ESUTU109G06	N	TU109	08-L2	ESU	8/27/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-176	ESUTU109G06	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-007	ESUTU109G07	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-008	ESUTU109G08	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-009	ESUTU109G09	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-010	ESUTU109G10	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-011	ESUTU109G11	N	TU109	08-L2	ESU	8/27/2021	0.0282 U	U	0.0241	0.0282	Y
HPPG-ESU-TU109G-012	ESUTU109G12	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-013	ESUTU109G13	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-014	ESUTU109G14	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-015	ESUTU109G15	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-016	ESUTU109G16	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-017	ESUTU109G17	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-018	ESUTU109G18	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-019	ESUTU109G19	N	TU109	08-L2	ESU	8/27/2021					
HPPG-F-177	ESUTU109G19	FD	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-020	ESUTU109G20	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-021	ESUTU109G21	N	TU109	08-L2	ESU	8/27/2021	0.0272 U	U	0.0229	0.0272	Y
HPPG-ESU-TU109G-022	ESUTU109G22	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-023	ESUTU109G23	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-024	ESUTU109G24	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-025	ESUTU109G25	N	TU109	08-L2	ESU	8/27/2021					
HPPG-ESU-TU109G-B-001	ESUTU109GB01	N	TU109	08-L2	ESU	8/27/2021	0.0399 U	U	0.037	0.0399	Y
HPPG-ESU-TU109G-B-002	ESUTU109GB02	N	TU109	08-L2	ESU	8/27/2021	0.0287 U	U	0.0256	0.0287	Y
HPPG-ESU-TU109G-B-003	ESUTU109GB03	N	TU109	08-L2	ESU	8/27/2021	0.0303 U	U	0.0265	0.0303	Y
HPPG-ESU-TU109H-001	ESUTU109H01	N	TU109	58-L2	ESU	9/22/2021	0.0292 U	U	0.0267	0.0292	Y
HPPG-ESU-TU109H-002	ESUTU109H02	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-003	ESUTU109H03	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-004	ESUTU109H04	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-005	ESUTU109H05	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-006	ESUTU109H06	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-007	ESUTU109H07	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-008	ESUTU109H08	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-009	ESUTU109H09	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-194	ESUTU109H09	FD	TU109	58-L2	ESU	9/22/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU109H-010	ESUTU109H10	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-011	ESUTU109H11	N	TU109	58-L2	ESU	9/22/2021	0.0261 U		0.0216	0.0261	Y
HPPG-ESU-TU109H-012	ESUTU109H12	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-013	ESUTU109H13	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-014	ESUTU109H14	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-015	ESUTU109H15	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-016	ESUTU109H16	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-017	ESUTU109H17	N	TU109	58-L2	ESU	9/22/2021					
HPPG-F-195	ESUTU109H17	FD	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-018	ESUTU109H18	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-019	ESUTU109H19	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-020	ESUTU109H20	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-021	ESUTU109H21	N	TU109	58-L2	ESU	9/22/2021	0.0425	J	0.0339	0.0348	Y
HPPG-ESU-TU109H-022	ESUTU109H22	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-023	ESUTU109H23	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-024	ESUTU109H24	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-025	ESUTU109H25	N	TU109	58-L2	ESU	9/22/2021					
HPPG-ESU-TU109H-B-001	ESUTU109HB01	N	TU109	58-L2	ESU	9/24/2021	0.0249		0.0212	0.0213	Y
HPPG-ESU-TU109H-B-002	ESUTU109HB02	N	TU109	58-L2	ESU	9/24/2021	0.0384 U	U	0.0319	0.0384	Y
HPPG-ESU-TU109H-B-003	ESUTU109HB03	N	TU109	58-L2	ESU	9/24/2021	0.0214 U	U	0.0198	0.0214	Y
HPPG-ESU-TU115A-001	ESUTU115A01	N	TU115	25-L1	ESU	6/16/2021	0.0239 U	UJ	0.0174	0.0239	Y
HPPG-F-085	ESUTU115A01	FD	TU115	25-L1	ESU	6/16/2021	0.0251 U	U	0.0225	0.0251	Y
HPPG-ESU-TU115A-002	ESUTU115A02	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-003	ESUTU115A03	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-004	ESUTU115A04	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-005	ESUTU115A05	N	TU115	25-L1	ESU	6/16/2021					
HPPG-F-086	ESUTU115A05	FD	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-006	ESUTU115A06	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-007	ESUTU115A07	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-008	ESUTU115A08	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-009	ESUTU115A09	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-010	ESUTU115A10	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-011	ESUTU115A11	N	TU115	25-L1	ESU	6/16/2021	0.0287 U	U	0.023	0.0287	Y
HPPG-ESU-TU115A-012	ESUTU115A12	N	TU115	25-L1	ESU	6/16/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU115A-013	ESUTU115A13	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-014	ESUTU115A14	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-015	ESUTU115A15	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-016	ESUTU115A16	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-017	ESUTU115A17	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-018	ESUTU115A18	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-019	ESUTU115A19	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-020	ESUTU115A20	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-021	ESUTU115A21	N	TU115	25-L1	ESU	6/16/2021	0.0238		0.0219	0.022	Y
HPPG-ESU-TU115A-022	ESUTU115A22	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-023	ESUTU115A23	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-024	ESUTU115A24	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-025	ESUTU115A25	N	TU115	25-L1	ESU	6/16/2021					
HPPG-ESU-TU115A-B-001	ESUTU115AB01	N	TU115	25-L1	ESU	6/21/2021	0.0518		0.0299	0.0284	Y
HPPG-ESU-TU115A-B-002	ESUTU115AB02	N	TU115	25-L1	ESU	8/27/2021	0.0245	J	0.0231	0.0239	Y
HPPG-ESU-TU115A-B-003	ESUTU115AB03	N	TU115	25-L1	ESU	8/27/2021	0.0249 U	U	0.0207	0.0249	Y
HPPG-ESU-TU115A-B-004	ESUTU115AB04	N	TU115	25-L1	ESU	8/27/2021	0.0285 U	U	0.0254	0.0285	Y
HPPG-ESU-TU121A-001	ESUTU121A01	N	TU121	64-L1	ESU	10/8/2021	0.0282	J	0.026	0.0266	Y
HPPG-ESU-TU121A-002	ESUTU121A02	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-003	ESUTU121A03	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-004	ESUTU121A04	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-208	ESUTU121A04	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-005	ESUTU121A05	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-006	ESUTU121A06	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-007	ESUTU121A07	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-008	ESUTU121A08	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-009	ESUTU121A09	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-010	ESUTU121A10	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-011	ESUTU121A11	N	TU121	64-L1	ESU	10/8/2021	0.0243 U	U	0.0198	0.0243	Y
HPPG-ESU-TU121A-012	ESUTU121A12	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-013	ESUTU121A13	N	TU121	64-L1	ESU	10/8/2021					
HPPG-F-209	ESUTU121A13	FD	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-014	ESUTU121A14	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-015	ESUTU121A15	N	TU121	64-L1	ESU	10/8/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121A-016	ESUTU121A16	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-017	ESUTU121A17	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-018	ESUTU121A18	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-019	ESUTU121A19	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-020	ESUTU121A20	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-021	ESUTU121A21	N	TU121	64-L1	ESU	10/8/2021	0.0250 U	U	0.0209	0.025	Y
HPPG-ESU-TU121A-022	ESUTU121A22	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-023	ESUTU121A23	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-024	ESUTU121A24	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-025	ESUTU121A25	N	TU121	64-L1	ESU	10/8/2021					
HPPG-ESU-TU121A-B-001	ESUTU121AB01	N	TU121	64-L1	ESU	10/8/2021	0.0347	J	0.027	0.0274	Y
HPPG-ESU-TU121A-B-002	ESUTU121AB02	N	TU121	64-L1	ESU	10/8/2021	0.0283 U	U	0.0241	0.0283	Y
HPPG-ESU-TU121A-B-003	ESUTU121AB03	N	TU121	64-L1	ESU	10/8/2021	0.0275 U	U	0.0261	0.0275	Y
HPPG-ESU-TU121B-001	ESUTU121B01	N	TU121	63-L1	ESU	11/10/2021	0.0291 U	U	0.0261	0.0291	Y
HPPG-ESU-TU121B-002	ESUTU121B02	N	TU121	63-L1	ESU	11/10/2021					
HPPG-F-224	ESUTU121B02	FD	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-003	ESUTU121B03	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-004	ESUTU121B04	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-005	ESUTU121B05	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-006	ESUTU121B06	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-007	ESUTU121B07	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-008	ESUTU121B08	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-009	ESUTU121B09	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-010	ESUTU121B10	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-011	ESUTU121B11	N	TU121	63-L1	ESU	11/10/2021	0.0432		0.026	0.0246	Y
HPPG-F-225	ESUTU121B11	FD	TU121	63-L1	ESU	11/10/2021	0.0331 U	U	0.0296	0.0331	Y
HPPG-ESU-TU121B-012	ESUTU121B12	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-013	ESUTU121B13	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-014	ESUTU121B14	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-015	ESUTU121B15	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-016	ESUTU121B16	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-017	ESUTU121B17	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-018	ESUTU121B18	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-019	ESUTU121B19	N	TU121	63-L1	ESU	11/10/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121B-020	ESUTU121B20	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-021	ESUTU121B21	N	TU121	63-L1	ESU	11/10/2021	0.0273 U	U	0.025	0.0273	Y
HPPG-ESU-TU121B-022	ESUTU121B22	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-023	ESUTU121B23	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-024	ESUTU121B24	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-025	ESUTU121B25	N	TU121	63-L1	ESU	11/10/2021					
HPPG-ESU-TU121B-B-001	ESUTU121BB01	N	TU121	63-L1	ESU	11/10/2021	0.0305 U	U	0.0268	0.0305	Y
HPPG-ESU-TU121B-B-002	ESUTU121BB02	N	TU121	63-L1	ESU	11/10/2021	0.0276 U	U	0.0261	0.0276	Y
HPPG-ESU-TU121B-B-003	ESUTU121BB03	N	TU121	63-L1	ESU	11/10/2021	0.0294 U	U	0.0271	0.0294	Y
HPPG-ESU-TU121C-001	ESUTU121C01	N	TU121	64-L2	ESU	11/5/2021	0.0315 U	U	0.0263	0.0315	Y
HPPG-ESU-TU121C-002	ESUTU121C02	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-003	ESUTU121C03	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-004	ESUTU121C04	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-005	ESUTU121C05	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-006	ESUTU121C06	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-007	ESUTU121C07	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-008	ESUTU121C08	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-009	ESUTU121C09	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-010	ESUTU121C10	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-011	ESUTU121C11	N	TU121	64-L2	ESU	11/5/2021	0.0317 U	U	0.0251	0.0317	Y
HPPG-ESU-TU121C-012	ESUTU121C12	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-013	ESUTU121C13	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-014	ESUTU121C14	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-015	ESUTU121C15	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-016	ESUTU121C16	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-223	ESUTU121C16	FD	TU121	64-L2	ESU	11/5/2021	0.0295 U	U	0.0244	0.0295	Y
HPPG-ESU-TU121C-017	ESUTU121C17	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-018	ESUTU121C18	N	TU121	64-L2	ESU	11/5/2021					
HPPG-F-222	ESUTU121C18	FD	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-019	ESUTU121C19	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-020	ESUTU121C20	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-021	ESUTU121C21	N	TU121	64-L2	ESU	11/5/2021	0.0307 U	U	0.0259	0.0307	Y
HPPG-ESU-TU121C-022	ESUTU121C22	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-023	ESUTU121C23	N	TU121	64-L2	ESU	11/5/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU121C-024	ESUTU121C24	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-025	ESUTU121C25	N	TU121	64-L2	ESU	11/5/2021					
HPPG-ESU-TU121C-B-001	ESUTU121CB01	N	TU121	64-L2	ESU	11/10/2021	0.0292 U	UJ	0.0211	0.0292	Y
HPPG-ESU-TU121C-B-002	ESUTU121CB02	N	TU121	64-L2	ESU	11/10/2021	0.0407		0.0333	0.035	Y
HPPG-ESU-TU121C-B-003	ESUTU121CB03	N	TU121	64-L2	ESU	11/10/2021	0.0309 U	U	0.0281	0.0309	Y
HPPG-ESU-TU124A-001	ESUTU124A01	N	TU124	04-L1	ESU	12/10/2020	0.0241 U	U	0.0222	0.0241	Y
HPPG-ESU-TU124A-002	ESUTU124A02	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-003	ESUTU124A03	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-004	ESUTU124A04	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-005	ESUTU124A05	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-006	ESUTU124A06	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-007	ESUTU124A07	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-008	ESUTU124A08	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-009	ESUTU124A09	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-010	ESUTU124A10	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-057	ESUTU124A10	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-011	ESUTU124A11	N	TU124	04-L1	ESU	12/10/2020	0.0806		0.0362	0.0338	Y
HPPG-ESU-TU124A-012	ESUTU124A12	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-013	ESUTU124A13	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-014	ESUTU124A14	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-015	ESUTU124A15	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-016	ESUTU124A16	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-017	ESUTU124A17	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-018	ESUTU124A18	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-019	ESUTU124A19	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-020	ESUTU124A20	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-021	ESUTU124A21	N	TU124	04-L1	ESU	12/10/2020	0.0310 U	U	0.0293	0.031	Y
HPPG-ESU-TU124A-021_A	ESUTU124A21	N				12/10/2020	0.0259 U	U	0.0246	0.0259	Y
HPPG-ESU-TU124A-021_B	ESUTU124A21	N				12/10/2020	0.0254		0.0216	0.0219	Y
HPPG-ESU-TU124A-021_C	ESUTU124A21	N				12/10/2020	0.0317 U	U	0.0276	0.0317	Y
HPPG-ESU-TU124A-021_D	ESUTU124A21	N				12/10/2020	0.0257 U	U	0.0238	0.0257	Y
HPPG-ESU-TU124A-022	ESUTU124A22	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-023	ESUTU124A23	N	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-024	ESUTU124A24	N	TU124	04-L1	ESU	12/10/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU124A-025	ESUTU124A25	N	TU124	04-L1	ESU	12/10/2020					
HPPG-F-058	ESUTU124A25	FD	TU124	04-L1	ESU	12/10/2020					
HPPG-ESU-TU124A-B-001	ESUTU124AB01	N	TU124	04-L1	ESU	12/10/2020	0.0290 U	U	0.0272	0.029	Y
HPPG-ESU-TU124B-001	ESUTU124B01	N	TU124	04-L2	ESU	9/23/2021	0.0215 U	U	0.0204	0.0215	Y
HPPG-ESU-TU124B-002	ESUTU124B02	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-003	ESUTU124B03	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-004	ESUTU124B04	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-005	ESUTU124B05	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-006	ESUTU124B06	N	TU124	04-L2	ESU	9/23/2021					
HPPG-F-198	ESUTU124B06	FD	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-007	ESUTU124B07	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-008	ESUTU124B08	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-009	ESUTU124B09	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-010	ESUTU124B10	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-011	ESUTU124B11	N	TU124	04-L2	ESU	9/23/2021	0.0399	J	0.0247	0.0232	Y
HPPG-F-199	ESUTU124B11	FD	TU124	04-L2	ESU	9/23/2021	0.0890		0.0333	0.028	Y
HPPG-ESU-TU124B-012	ESUTU124B12	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-013	ESUTU124B13	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-014	ESUTU124B14	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-015	ESUTU124B15	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-016	ESUTU124B16	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-017	ESUTU124B17	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-018	ESUTU124B18	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-019	ESUTU124B19	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-020	ESUTU124B20	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-021	ESUTU124B21	N	TU124	04-L2	ESU	9/23/2021	0.0338 U	U	0.0278	0.0338	Y
HPPG-ESU-TU124B-022	ESUTU124B22	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-023	ESUTU124B23	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-024	ESUTU124B24	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-025	ESUTU124B25	N	TU124	04-L2	ESU	9/23/2021					
HPPG-ESU-TU124B-B-001	ESUTU124BB01	N	TU124	04-L2	ESU	9/24/2021	0.0219 U	U	0.0212	0.0219	Y
HPPG-ESU-TU124B-B-002	ESUTU124BB02	N	TU124	04-L2	ESU	9/24/2021	0.0205 U	U	0.0189	0.0205	Y
HPPG-ESU-TU124B-B-003	ESUTU124BB03	N	TU124	04-L2	ESU	9/24/2021	0.0233 U	U	0.0216	0.0233	Y
HPPG-ESU-TU153A-001	ESUTU153A01	N	TU153	30-L1	ESU	10/1/2020	0.0310 U	U	0.0264	0.031	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153A-002	ESUTU153A02	N	TU153	30-L1	ESU	10/1/2020	0.0269 U	U	0.023	0.0269	Y
HPPG-ESU-TU153A-003	ESUTU153A03	N	TU153	30-L1	ESU	10/1/2020	0.0260 U	U	0.0214	0.026	Y
HPPG-ESU-TU153A-004	ESUTU153A04	N	TU153	30-L1	ESU	10/1/2020	0.0243 U	U	0.0199	0.0243	Y
HPPG-ESU-TU153A-005	ESUTU153A05	N	TU153	30-L1	ESU	10/1/2020	0.0245 U	U	0.0215	0.0245	Y
HPPG-ESU-TU153A-006	ESUTU153A06	N	TU153	30-L1	ESU	10/1/2020	0.0349		0.0258	0.0256	Y
HPPG-ESU-TU153A-007	ESUTU153A07	N	TU153	30-L1	ESU	10/1/2020	0.0274 U	U	0.0256	0.0274	Y
HPPG-ESU-TU153A-008	ESUTU153A08	N	TU153	30-L1	ESU	10/1/2020	0.0230 U	U	0.019	0.023	Y
HPPG-F-003	ESUTU153A08	FD	TU153	30-L1	ESU	10/1/2020	0.0252 U	U	0.0212	0.0252	Y
HPPG-ESU-TU153A-009	ESUTU153A09	N	TU153	30-L1	ESU	10/1/2020	0.0200 U	U	0.018	0.02	Y
HPPG-ESU-TU153A-010	ESUTU153A10	N	TU153	30-L1	ESU	10/1/2020	0.0282 U	U	0.0245	0.0282	Y
HPPG-ESU-TU153A-011	ESUTU153A11	N	TU153	30-L1	ESU	10/1/2020	0.0430		0.027	0.0262	Y
HPPG-ESU-TU153A-012	ESUTU153A12	N	TU153	30-L1	ESU	10/1/2020	0.0272 U	U	0.0246	0.0272	Y
HPPG-ESU-TU153A-013	ESUTU153A13	N	TU153	30-L1	ESU	10/1/2020	0.0251 U	U	0.0236	0.0251	Y
HPPG-ESU-TU153A-014	ESUTU153A14	N	TU153	30-L1	ESU	10/1/2020	0.0308 U	U	0.0263	0.0308	Y
HPPG-ESU-TU153A-015	ESUTU153A15	N	TU153	30-L1	ESU	10/1/2020	0.0305 U	U	0.0262	0.0305	Y
HPPG-ESU-TU153A-016	ESUTU153A16	N	TU153	30-L1	ESU	10/1/2020	0.0281 U	U	0.0249	0.0281	Y
HPPG-ESU-TU153A-017	ESUTU153A17	N	TU153	30-L1	ESU	10/1/2020	0.0323 U	U	0.028	0.0323	Y
HPPG-ESU-TU153A-018	ESUTU153A18	N	TU153	30-L1	ESU	10/1/2020	0.0268 U	U	0.0214	0.0268	Y
HPPG-ESU-TU153A-019	ESUTU153A19	N	TU153	30-L1	ESU	10/1/2020	0.0264 U	U	0.0239	0.0264	Y
HPPG-ESU-TU153A-020	ESUTU153A20	N	TU153	30-L1	ESU	10/1/2020	0.0244 U	U	0.0212	0.0244	Y
HPPG-ESU-TU153A-021	ESUTU153A21	N	TU153	30-L1	ESU	10/1/2020	0.0269 U	U	0.0255	0.0269	Y
HPPG-ESU-TU153A-022	ESUTU153A22	N	TU153	30-L1	ESU	10/1/2020	0.0192 U	U	0.0164	0.0192	Y
HPPG-F-004	ESUTU153A22	FD	TU153	30-L1	ESU	10/1/2020	0.0237 U	U	0.0188	0.0237	Y
HPPG-ESU-TU153A-023	ESUTU153A23	N	TU153	30-L1	ESU	10/1/2020	0.0283		0.0231	0.0232	Y
HPPG-ESU-TU153A-024	ESUTU153A24	N	TU153	30-L1	ESU	10/1/2020	0.0232 U	U	0.0187	0.0232	Y
HPPG-ESU-TU153A-025	ESUTU153A25	N	TU153	30-L1	ESU	10/1/2020	0.0253 U	U	0.0218	0.0253	Y
HPPG-ESU-TU153A-B-001	ESUTU153AB01	N	TU153	30-L1	ESU	10/2/2020	0.0214 U	U	0.0175	0.0214	Y
HPPG-ESU-TU153B-001	ESUTU153B01	N	TU153	32-L1	ESU	10/7/2020	0.0205 U	U	0.0166	0.0205	Y
HPPG-ESU-TU153B-002	ESUTU153B02	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-003	ESUTU153B03	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-004	ESUTU153B04	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-007	ESUTU153B04	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-005	ESUTU153B05	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-006	ESUTU153B06	N	TU153	32-L1	ESU	10/7/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153B-007	ESUTU153B07	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-008	ESUTU153B08	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-009	ESUTU153B09	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-010	ESUTU153B10	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-011	ESUTU153B11	N	TU153	32-L1	ESU	10/7/2020	0.0225		0.0212	0.0218	Y
HPPG-ESU-TU153B-012	ESUTU153B12	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-013	ESUTU153B13	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-014	ESUTU153B14	N	TU153	32-L1	ESU	10/7/2020					
HPPG-F-008	ESUTU153B14	FD	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-015	ESUTU153B15	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-016	ESUTU153B16	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-017	ESUTU153B17	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-018	ESUTU153B18	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-019	ESUTU153B19	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-020	ESUTU153B20	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-021	ESUTU153B21	N	TU153	32-L1	ESU	10/7/2020	0.0236 U	U	0.0218	0.0236	Y
HPPG-ESU-TU153B-022	ESUTU153B22	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-023	ESUTU153B23	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-024	ESUTU153B24	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-025	ESUTU153B25	N	TU153	32-L1	ESU	10/7/2020					
HPPG-ESU-TU153B-B-001	ESUTU153BB01	N	TU153	32-L1	ESU	10/8/2020	0.0294 U	U	0.023	0.0294	Y
HPPG-ESU-TU153C-001	ESUTU153C01	N	TU153	30-L2	ESU	10/23/2020	0.0244 U	U	0.0202	0.0244	Y
HPPG-ESU-TU153C-002	ESUTU153C02	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-003	ESUTU153C03	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-004	ESUTU153C04	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-005	ESUTU153C05	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-006	ESUTU153C06	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-007	ESUTU153C07	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-017	ESUTU153C07	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-008	ESUTU153C08	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-009	ESUTU153C09	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-010	ESUTU153C10	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-011	ESUTU153C11	N	TU153	30-L2	ESU	10/23/2020	0.0217 U	U	0.0193	0.0217	Y
HPPG-ESU-TU153C-012	ESUTU153C12	N	TU153	30-L2	ESU	10/23/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-ESU-TU153C-013	ESUTU153C13	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-014	ESUTU153C14	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-015	ESUTU153C15	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-016	ESUTU153C16	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-017	ESUTU153C17	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-018	ESUTU153C18	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-019	ESUTU153C19	N	TU153	30-L2	ESU	10/23/2020					
HPPG-F-018	ESUTU153C19	FD	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-020	ESUTU153C20	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-021	ESUTU153C21	N	TU153	30-L2	ESU	10/23/2020	0.0212 U	U	0.02	0.0212	Y
HPPG-ESU-TU153C-022	ESUTU153C22	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-023	ESUTU153C23	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-024	ESUTU153C24	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-025	ESUTU153C25	N	TU153	30-L2	ESU	10/23/2020					
HPPG-ESU-TU153C-B-001	ESUTU153CB01	N	TU153	30-L2	ESU	10/23/2020	0.0299 U	U	0.028	0.0299	Y
HPPG-351A-SUD0-B-005	HPPG-351A-SUD0-B-005	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-006	HPPG-351A-SUD0-B-006	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-007	HPPG-351A-SUD0-B-007	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-008	HPPG-351A-SUD0-B-008	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUD0-B-009	HPPG-351A-SUD0-B-009	N	351A	00-S4	N/A	9/20/2022					
HPPG-351A-SUH0-B-005	HPPG-351A-SUH0-B-005	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-006	HPPG-351A-SUH0-B-006	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-007	HPPG-351A-SUH0-B-007	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-008	HPPG-351A-SUH0-B-008	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUH0-B-009	HPPG-351A-SUH0-B-009	N	351A	00-S8	N/A	9/20/2022					
HPPG-351A-SUK0-B-005	HPPG-351A-SUK0-B-005	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-006	HPPG-351A-SUK0-B-006	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-007	HPPG-351A-SUK0-B-007	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-008	HPPG-351A-SUK0-B-008	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUK0-B-009	HPPG-351A-SUK0-B-009	N	351A	02-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-005	HPPG-351A-SUP0-B-005	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-006	HPPG-351A-SUP0-B-006	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-007	HPPG-351A-SUP0-B-007	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-008	HPPG-351A-SUP0-B-008	N	351A	07-S9	N/A	9/20/2022					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-351A-SUP0-B-009	HPPG-351A-SUP0-B-009	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-010	HPPG-351A-SUP0-B-010	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-011	HPPG-351A-SUP0-B-011	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-012	HPPG-351A-SUP0-B-012	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-013	HPPG-351A-SUP0-B-013	N	351A	07-S9	N/A	9/20/2022					
HPPG-351A-SUP0-B-014	HPPG-351A-SUP0-B-014	N	351A	07-S9	N/A	9/20/2022					
HPPG-F-304	HPPG-F-304	FD	TU076	76-L1	ESU	6/5/2023	0.0357		0.0267	0.0187	Y
HPPG-F-305	HPPG-F-305	FD	TU076	76-L1	ESU	6/5/2023	0.0170 U	U	0.02	0.017	Y
HPPG-F-306	HPPG-F-306	FD	TU076	76-L1	ESU	6/5/2023	0.0215 U	U	0.0252	0.0215	Y
HPPG-F-107	SFUTU069A01	FD	TU069	47-L1	SFU	7/1/2021	0.0240 U	U	0.0212	0.024	Y
HPPG-SFU-TU069A-001	SFUTU069A01	N	TU069	47-L1	SFU	7/1/2021	0.0258 U	U	0.0233	0.0258	Y
HPPG-SFU-TU069A-002	SFUTU069A02	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-003	SFUTU069A03	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-004	SFUTU069A04	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-005	SFUTU069A05	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-006	SFUTU069A06	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-007	SFUTU069A07	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-008	SFUTU069A08	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-009	SFUTU069A09	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-010	SFUTU069A10	N	TU069	47-L1	SFU	7/1/2021					
HPPG-F-108	SFUTU069A11	FD	TU069	47-L1	SFU	7/1/2021	0.0281 U	U	0.026	0.0281	Y
HPPG-SFU-TU069A-011	SFUTU069A11	N	TU069	47-L1	SFU	7/1/2021	0.0322		0.0273	0.0278	Y
HPPG-SFU-TU069A-012	SFUTU069A12	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-013	SFUTU069A13	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-014	SFUTU069A14	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-015	SFUTU069A15	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-016	SFUTU069A16	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-017	SFUTU069A17	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-018	SFUTU069A18	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-019	SFUTU069A19	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-020	SFUTU069A20	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-021	SFUTU069A21	N	TU069	47-L1	SFU	7/1/2021	0.0315		0.0264	0.0273	Y
HPPG-SFU-TU069A-022	SFUTU069A22	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-023	SFUTU069A23	N	TU069	47-L1	SFU	7/1/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069A-024	SFUTU069A24	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-025	SFUTU069A25	N	TU069	47-L1	SFU	7/1/2021					
HPPG-SFU-TU069A-B-001	SFUTU069AB01	N	TU069	47-L1	SFU	7/6/2021	0.0290 U	U	0.0224	0.029	Y
HPPG-SFU-TU069A-B-002	SFUTU069AB02	N	TU069	47-L1	SFU	8/20/2021	0.0308 U	U	0.0291	0.0308	Y
HPPG-SFU-TU069A-B-003	SFUTU069AB03	N	TU069	47-L1	SFU	8/20/2021	0.0335		0.0274	0.028	Y
HPPG-F-130	SFUTU069B01	FD	TU069	51-L1	SFU	7/19/2021	0.0237 U	U	0.0214	0.0237	Y
HPPG-SFU-TU069B-001	SFUTU069B01	N	TU069	51-L1	SFU	7/19/2021	0.0333		0.0262	0.0265	Y
HPPG-SFU-TU069B-002	SFUTU069B02	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-003	SFUTU069B03	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-004	SFUTU069B04	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-005	SFUTU069B05	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-006	SFUTU069B06	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-007	SFUTU069B07	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-008	SFUTU069B08	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-009	SFUTU069B09	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-010	SFUTU069B10	N	TU069	51-L1	SFU	7/19/2021					
HPPG-F-131	SFUTU069B11	FD	TU069	51-L1	SFU	7/19/2021	0.0205 U	U	0.0174	0.0205	Y
HPPG-SFU-TU069B-011	SFUTU069B11	N	TU069	51-L1	SFU	7/19/2021	0.0218 U	U	0.0203	0.0218	Y
HPPG-SFU-TU069B-012	SFUTU069B12	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-013	SFUTU069B13	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-014	SFUTU069B14	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-015	SFUTU069B15	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-016	SFUTU069B16	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-017	SFUTU069B17	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-018	SFUTU069B18	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-019	SFUTU069B19	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-020	SFUTU069B20	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-021	SFUTU069B21	N	TU069	51-L1	SFU	7/19/2021	0.0238 U	U	0.0197	0.0238	Y
HPPG-SFU-TU069B-022	SFUTU069B22	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-023	SFUTU069B23	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-024	SFUTU069B24	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-025	SFUTU069B25	N	TU069	51-L1	SFU	7/19/2021					
HPPG-SFU-TU069B-B-001	SFUTU069BB01	N	TU069	51-L1	SFU	7/19/2021	0.0252 U	U	0.0225	0.0252	Y
HPPG-SFU-TU069B-B-002	SFUTU069BB02	N	TU069	51-L1	SFU	8/6/2021	0.0251 U		0.0235	0.0251	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU069B-B-003	SFUTU069BB03	N	TU069	51-L1	SFU	8/6/2021	0.0260 U		0.021	0.026	Y
HPPG-F-138	SFUTU069C01	FD	TU069	47-L2	SFU	7/21/2021	0.0261 U	U	0.0238	0.0261	Y
HPPG-SFU-TU069C-001	SFUTU069C01	N	TU069	47-L2	SFU	7/21/2021	0.0279		0.0256	0.0266	Y
HPPG-SFU-TU069C-002	SFUTU069C02	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-003	SFUTU069C03	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-004	SFUTU069C04	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-005	SFUTU069C05	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-006	SFUTU069C06	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-007	SFUTU069C07	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-008	SFUTU069C08	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-009	SFUTU069C09	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-010	SFUTU069C10	N	TU069	47-L2	SFU	7/21/2021					
HPPG-F-139	SFUTU069C11	FD	TU069	47-L2	SFU	7/21/2021	0.0270 U	U	0.0254	0.027	Y
HPPG-SFU-TU069C-011	SFUTU069C11	N	TU069	47-L2	SFU	7/21/2021	0.0240 U	U	0.0197	0.024	Y
HPPG-SFU-TU069C-012	SFUTU069C12	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-013	SFUTU069C13	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-014	SFUTU069C14	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-015	SFUTU069C15	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-016	SFUTU069C16	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-017	SFUTU069C17	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-018	SFUTU069C18	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-019	SFUTU069C19	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-020	SFUTU069C20	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-021	SFUTU069C21	N	TU069	47-L2	SFU	7/21/2021	0.0242 U	U	0.0208	0.0242	Y
HPPG-SFU-TU069C-022	SFUTU069C22	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-023	SFUTU069C23	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-024	SFUTU069C24	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-025	SFUTU069C25	N	TU069	47-L2	SFU	7/21/2021					
HPPG-SFU-TU069C-B-001	SFUTU069CB01	N	TU069	47-L2	SFU	7/22/2021	0.0287 U	U	0.0274	0.0287	Y
HPPG-SFU-TU069C-B-002	SFUTU069CB02	N	TU069	47-L2	SFU	8/16/2021	0.0276 U	UJ	0.0209	0.0276	Y
HPPG-SFU-TU069C-B-003	SFUTU069CB03	N	TU069	47-L2	SFU	8/16/2021	0.0211 U	U	0.0193	0.0211	Y
HPPG-F-120	SFUTU070A01	FD	TU070	46-L1	SFU	7/13/2021	0.0295 U	U	0.0238	0.0295	Y
HPPG-SFU-TU070A-001	SFUTU070A01	N	TU070	46-L1	SFU	7/13/2021	0.0299 U	U	0.0255	0.0299	Y
HPPG-SFU-TU070A-002	SFUTU070A02	N	TU070	46-L1	SFU	7/13/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070A-003	SFUTU070A03	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-004	SFUTU070A04	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-005	SFUTU070A05	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-006	SFUTU070A06	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-007	SFUTU070A07	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-008	SFUTU070A08	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-009	SFUTU070A09	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-010	SFUTU070A10	N	TU070	46-L1	SFU	7/13/2021					
HPPG-F-121	SFUTU070A11	FD	TU070	46-L1	SFU	7/13/2021	0.0301 U	U	0.026	0.0301	Y
HPPG-SFU-TU070A-011	SFUTU070A11	N	TU070	46-L1	SFU	7/13/2021	0.0304 U	U	0.0248	0.0304	Y
HPPG-SFU-TU070A-012	SFUTU070A12	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-013	SFUTU070A13	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-014	SFUTU070A14	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-015	SFUTU070A15	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-016	SFUTU070A16	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-017	SFUTU070A17	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-018	SFUTU070A18	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-019	SFUTU070A19	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-020	SFUTU070A20	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-021	SFUTU070A21	N	TU070	46-L1	SFU	7/13/2021	0.0287 U	U	0.0265	0.0287	Y
HPPG-SFU-TU070A-022	SFUTU070A22	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-023	SFUTU070A23	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-024	SFUTU070A24	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-025	SFUTU070A25	N	TU070	46-L1	SFU	7/13/2021					
HPPG-SFU-TU070A-B-001	SFUTU070AB01	N	TU070	46-L1	SFU	7/15/2021	0.0279 U	U	0.026	0.0279	Y
HPPG-SFU-TU070A-B-002	SFUTU070AB02	N	TU070	46-L1	SFU	8/10/2021	0.0228 U	U	0.021	0.0228	Y
HPPG-SFU-TU070A-B-003	SFUTU070AB03	N	TU070	46-L1	SFU	8/10/2021	0.0231 U	U	0.0221	0.0231	Y
HPPG-SFU-TU070B-001	SFUTU070B01	N	TU070	46-L2	SFU	8/2/2021	0.0278 U	U	0.0258	0.0278	Y
HPPG-SFU-TU070B-002	SFUTU070B02	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-003	SFUTU070B03	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-152	SFUTU070B04	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-004	SFUTU070B04	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-005	SFUTU070B05	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-006	SFUTU070B06	N	TU070	46-L2	SFU	8/2/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070B-007	SFUTU070B07	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-008	SFUTU070B08	N	TU070	46-L2	SFU	8/2/2021					
HPPG-F-153	SFUTU070B09	FD	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-009	SFUTU070B09	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-010	SFUTU070B10	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-011	SFUTU070B11	N	TU070	46-L2	SFU	8/2/2021	0.0241 U	U	0.0222	0.0241	Y
HPPG-SFU-TU070B-012	SFUTU070B12	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-013	SFUTU070B13	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-014	SFUTU070B14	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-015	SFUTU070B15	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-016	SFUTU070B16	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-017	SFUTU070B17	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-018	SFUTU070B18	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-019	SFUTU070B19	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-020	SFUTU070B20	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-021	SFUTU070B21	N	TU070	46-L2	SFU	8/2/2021	0.0241 U	U	0.0206	0.0241	Y
HPPG-SFU-TU070B-021-A	SFUTU070B21	N				8/2/2021	0.0280 U	U	0.0254	0.028	Y
HPPG-SFU-TU070B-021-B	SFUTU070B21	N				8/2/2021	0.0296	J	0.0265	0.0274	Y
HPPG-SFU-TU070B-021-C	SFUTU070B21	N				8/2/2021	0.0316 U	U	0.0278	0.0316	Y
HPPG-SFU-TU070B-021-D	SFUTU070B21	N				8/2/2021	0.0305 U	U	0.0251	0.0305	Y
HPPG-SFU-TU070B-022	SFUTU070B22	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-023	SFUTU070B23	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-024	SFUTU070B24	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-025	SFUTU070B25	N	TU070	46-L2	SFU	8/2/2021					
HPPG-SFU-TU070B-B-001	SFUTU070BB01	N	TU070	46-L2	SFU	8/4/2021	0.0370		0.0334	0.0354	Y
HPPG-SFU-TU070B-B-002	SFUTU070BB02	N	TU070	46-L2	SFU	8/10/2021	0.0351 U	U	0.0312	0.0351	Y
HPPG-SFU-TU070B-B-002-A	SFUTU070BB02	N				8/10/2021	0.0302 U	U	0.0242	0.0302	Y
HPPG-SFU-TU070B-B-002-B	SFUTU070BB02	N				8/10/2021	0.0311 U	U	0.0287	0.0311	Y
HPPG-SFU-TU070B-B-002-C	SFUTU070BB02	N				8/10/2021	0.0280 U	U	0.0249	0.028	Y
HPPG-SFU-TU070B-B-002-D	SFUTU070BB02	N				8/10/2021	0.0261 U	U	0.0207	0.0261	Y
HPPG-SFU-TU070B-B-003	SFUTU070BB03	N	TU070	46-L2	SFU	8/10/2021	0.0255 U	U	0.0235	0.0255	Y
HPPG-F-182	SFUTU070C01	FD	TU070	46-L3	SFU	9/10/2021	0.0252 U	U	0.0204	0.0252	Y
HPPG-SFU-TU070C-001	SFUTU070C01	N	TU070	46-L3	SFU	9/10/2021	0.0289 U	U	0.0255	0.0289	Y
HPPG-SFU-TU070C-002	SFUTU070C02	N	TU070	46-L3	SFU	9/10/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU070C-003	SFUTU070C03	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-004	SFUTU070C04	N	TU070	46-L3	SFU	9/10/2021					
HPPG-F-183	SFUTU070C05	FD	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-005	SFUTU070C05	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-006	SFUTU070C06	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-007	SFUTU070C07	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-008	SFUTU070C08	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-009	SFUTU070C09	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-010	SFUTU070C10	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-011	SFUTU070C11	N	TU070	46-L3	SFU	9/10/2021	0.0286 U	U	0.0242	0.0286	Y
HPPG-SFU-TU070C-012	SFUTU070C12	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-013	SFUTU070C13	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-014	SFUTU070C14	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-015	SFUTU070C15	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-016	SFUTU070C16	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-017	SFUTU070C17	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-018	SFUTU070C18	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-019	SFUTU070C19	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-020	SFUTU070C20	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-021	SFUTU070C21	N	TU070	46-L3	SFU	9/10/2021	0.0282 U	U	0.0243	0.0282	Y
HPPG-SFU-TU070C-022	SFUTU070C22	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-023	SFUTU070C23	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-024	SFUTU070C24	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-025	SFUTU070C25	N	TU070	46-L3	SFU	9/10/2021					
HPPG-SFU-TU070C-B-001	SFUTU070CB01	N	TU070	46-L3	SFU	9/14/2021	0.0266 U	U	0.0233	0.0266	Y
HPPG-SFU-TU070C-B-002	SFUTU070CB02	N	TU070	46-L3	SFU	9/14/2021	0.0279 U	U	0.023	0.0279	Y
HPPG-SFU-TU070C-B-003	SFUTU070CB03	N	TU070	46-L3	SFU	9/14/2021	0.0239 U	U	0.0191	0.0239	Y
HPPG-SFU-TU076A-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/24/2023	0.0197 U	U	0.0254	0.0197	Y
HPPG-SFU-TU076A-B-001	SFUTU076A01	N	TU076	71B-L1	SFU	5/31/2023	0.0387		0.0328	0.0237	Y
HPPG-SFU-TU076A-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-002	SFUTU076A02	N	TU076	71B-L1	SFU	5/31/2023	0.0280		0.0275	0.0202	Y
HPPG-SFU-TU076A-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-B-003	SFUTU076A03	N	TU076	71B-L1	SFU	5/31/2023	0.0203 U	U	0.0243	0.0203	Y
HPPG-F-295	SFUTU076A04	FD	TU076	71B-L1	SFU	5/24/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076A-004	SFUTU076A04	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-005	SFUTU076A05	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-006	SFUTU076A06	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-007	SFUTU076A07	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-008	SFUTU076A08	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-009	SFUTU076A09	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-010	SFUTU076A10	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-296	SFUTU076A11	FD	TU076	71B-L1	SFU	5/24/2023	0.0184 U	U	0.0221	0.0184	Y
HPPG-SFU-TU076A-011	SFUTU076A11	N	TU076	71B-L1	SFU	5/24/2023	0.0178 U	U	0.0215	0.0178	Y
HPPG-SFU-TU076A-012	SFUTU076A12	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-013	SFUTU076A13	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-014	SFUTU076A14	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-015	SFUTU076A15	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-016	SFUTU076A16	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-017	SFUTU076A17	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-018	SFUTU076A18	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-019	SFUTU076A19	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-020	SFUTU076A20	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-297	SFUTU076A21	FD	TU076	71B-L1	SFU	5/24/2023	0.0232 U	U	0.0277	0.0232	Y
HPPG-SFU-TU076A-021	SFUTU076A21	N	TU076	71B-L1	SFU	5/24/2023	0.0205 U	U	0.0259	0.0205	Y
HPPG-SFU-TU076A-022	SFUTU076A22	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-023	SFUTU076A23	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-024	SFUTU076A24	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-SFU-TU076A-025	SFUTU076A25	N	TU076	71B-L1	SFU	5/24/2023					
HPPG-F-307	SFUTU076B001	FD	TU076	74-L1	SFU	6/6/2023	0.0386 U	U	0.0443	0.0386	Y
HPPG-SFU-TU076B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/6/2023	0.0180 U	U	0.0222	0.018	Y
HPPG-SFU-TU076B-B-001	SFUTU076B001	N	TU076	74-L1	SFU	6/7/2023	0.0186 U	UJ	0.02	0.0186	Y
HPPG-SFU-TU076B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-002	SFUTU076B002	N	TU076	74-L1	SFU	6/7/2023	0.0205 U	UJ	0.0222	0.0205	Y
HPPG-SFU-TU076B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-B-003	SFUTU076B003	N	TU076	74-L1	SFU	6/7/2023	0.0869		0.0317	0.0186	Y
HPPG-SFU-TU076B-004	SFUTU076B004	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-005	SFUTU076B005	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-006	SFUTU076B006	N	TU076	74-L1	SFU	6/6/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU076B-007	SFUTU076B007	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-008	SFUTU076B008	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-009	SFUTU076B009	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-010	SFUTU076B010	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-308	SFUTU076B011	FD	TU076	74-L1	SFU	6/6/2023	0.0184 U	U	0.0243	0.0184	Y
HPPG-SFU-TU076B-011	SFUTU076B011	N	TU076	74-L1	SFU	6/6/2023	0.0191 U	U	0.0241	0.0191	Y
HPPG-SFU-TU076B-012	SFUTU076B012	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-013	SFUTU076B013	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-014	SFUTU076B014	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-015	SFUTU076B015	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-016	SFUTU076B016	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-017	SFUTU076B017	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-018	SFUTU076B018	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-019	SFUTU076B019	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-020	SFUTU076B020	N	TU076	74-L1	SFU	6/6/2023					
HPPG-F-309	SFUTU076B021	FD	TU076	74-L1	SFU	6/6/2023	0.0186 U	U	0.0235	0.0186	Y
HPPG-SFU-TU076B-021	SFUTU076B021	N	TU076	74-L1	SFU	6/6/2023	0.0165 U	U	0.0192	0.0165	Y
HPPG-SFU-TU076B-022	SFUTU076B022	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-023	SFUTU076B023	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-024	SFUTU076B024	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU076B-025	SFUTU076B025	N	TU076	74-L1	SFU	6/6/2023					
HPPG-SFU-TU077A-001	SFUTU077A01	N	TU077	02-L1	SFU	6/8/2021	0.0289 U	U	0.0248	0.0289	Y
HPPG-SFU-TU077A-002	SFUTU077A02	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-003	SFUTU077A03	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-004	SFUTU077A04	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-005	SFUTU077A05	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-006	SFUTU077A06	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-007	SFUTU077A07	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-008	SFUTU077A08	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-009	SFUTU077A09	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-010	SFUTU077A10	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-011	SFUTU077A11	N	TU077	02-L1	SFU	6/8/2021	0.0320 U	U	0.0272	0.032	Y
HPPG-SFU-TU077A-012	SFUTU077A12	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-065	SFUTU077A13	FD	TU077	02-L1	SFU	6/8/2021					

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Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077A-013	SFUTU077A13	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-014	SFUTU077A14	N	TU077	02-L1	SFU	6/8/2021					
HPPG-F-066	SFUTU077A15	FD	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-015	SFUTU077A15	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-016	SFUTU077A16	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-017	SFUTU077A17	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-018	SFUTU077A18	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-019	SFUTU077A19	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-020	SFUTU077A20	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-021	SFUTU077A21	N	TU077	02-L1	SFU	6/8/2021	0.0305 U	U	0.0263	0.0305	Y
HPPG-SFU-TU077A-022	SFUTU077A22	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-023	SFUTU077A23	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-024	SFUTU077A24	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-025	SFUTU077A25	N	TU077	02-L1	SFU	6/8/2021					
HPPG-SFU-TU077A-B-001	SFUTU077AB01	N	TU077	02-L1	SFU	6/9/2021	0.0297 U	U	0.0235	0.0297	Y
HPPG-F-126	SFUTU077B01	FD	TU077	02-L2	SFU	7/15/2021	0.0430	J	0.0292	0.029	Y
HPPG-SFU-TU077B-001	SFUTU077B01	N	TU077	02-L2	SFU	7/15/2021	0.0341	J	0.0302	0.0313	Y
HPPG-SFU-TU077B-002	SFUTU077B02	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-003	SFUTU077B03	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-004	SFUTU077B04	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-005	SFUTU077B05	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-006	SFUTU077B06	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-007	SFUTU077B07	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-008	SFUTU077B08	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-009	SFUTU077B09	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-010	SFUTU077B10	N	TU077	02-L2	SFU	7/15/2021					
HPPG-F-127	SFUTU077B11	FD	TU077	02-L2	SFU	7/15/2021	0.0317 U	U	0.0286	0.0317	Y
HPPG-F-127-A	SFUTU077B11	N				7/15/2021	0.0272 U	U	0.0256	0.0272	Y
HPPG-F-127-B	SFUTU077B11	N				7/15/2021	0.0261 U	U	0.0214	0.0261	Y
HPPG-F-127-C	SFUTU077B11	N				7/15/2021	0.0376 U	U	0.0308	0.0376	Y
HPPG-F-127-D	SFUTU077B11	N				7/15/2021	0.0318 U	U	0.0293	0.0318	Y
HPPG-SFU-TU077B-011	SFUTU077B11	N	TU077	02-L2	SFU	7/15/2021	0.0462	J	0.0283	0.0272	Y
HPPG-SFU-TU077B-012	SFUTU077B12	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-013	SFUTU077B13	N	TU077	02-L2	SFU	7/15/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077B-014	SFUTU077B14	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-015	SFUTU077B15	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-016	SFUTU077B16	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-017	SFUTU077B17	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-018	SFUTU077B18	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-019	SFUTU077B19	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-020	SFUTU077B20	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-021	SFUTU077B21	N	TU077	02-L2	SFU	7/15/2021	0.0311 U	U	0.028	0.0311	Y
HPPG-SFU-TU077B-022	SFUTU077B22	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-023	SFUTU077B23	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-024	SFUTU077B24	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-025	SFUTU077B25	N	TU077	02-L2	SFU	7/15/2021					
HPPG-SFU-TU077B-B-001	SFUTU077BB01	N	TU077	02-L2	SFU	7/19/2021	0.0328 U	U	0.0302	0.0328	Y
HPPG-SFU-TU077B-B-002	SFUTU077BB02	N	TU077	02-L2	SFU	8/12/2021	0.0234 U	U	0.0223	0.0234	Y
HPPG-SFU-TU077B-B-003	SFUTU077BB03	N	TU077	02-L2	SFU	8/12/2021	0.0281 U	U	0.0226	0.0281	Y
HPPG-SFU-TU077B-B-003-A	SFUTU077BB03	N				8/12/2021	0.0446		0.0288	0.0284	Y
HPPG-SFU-TU077B-B-003-B	SFUTU077BB03	N				8/12/2021	0.0276 U	U	0.0232	0.0276	Y
HPPG-SFU-TU077B-B-003-C	SFUTU077BB03	N				8/12/2021	0.0253 U	U	0.022	0.0253	Y
HPPG-SFU-TU077B-B-003-D	SFUTU077BB03	N				8/12/2021	0.0411		0.0252	0.024	Y
HPPG-SFU-TU077C-001	SFUTU077C01	N	TU077	02-L3	SFU	8/9/2021	0.0253		0.0227	0.0234	Y
HPPG-SFU-TU077C-002	SFUTU077C02	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-003	SFUTU077C03	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-004	SFUTU077C04	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-005	SFUTU077C05	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-006	SFUTU077C06	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-007	SFUTU077C07	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-008	SFUTU077C08	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-158	SFUTU077C09	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-009	SFUTU077C09	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-010	SFUTU077C10	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-011	SFUTU077C11	N	TU077	02-L3	SFU	8/9/2021	0.0240 U	U	0.02	0.024	Y
HPPG-SFU-TU077C-012	SFUTU077C12	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-013	SFUTU077C13	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-014	SFUTU077C14	N	TU077	02-L3	SFU	8/9/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077C-015	SFUTU077C15	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-016	SFUTU077C16	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-017	SFUTU077C17	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-018	SFUTU077C18	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-019	SFUTU077C19	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-020	SFUTU077C20	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-021	SFUTU077C21	N	TU077	02-L3	SFU	8/9/2021	0.0253 U	U	0.0202	0.0253	Y
HPPG-SFU-TU077C-022	SFUTU077C22	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-023	SFUTU077C23	N	TU077	02-L3	SFU	8/9/2021					
HPPG-F-159	SFUTU077C24	FD	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-024	SFUTU077C24	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-025	SFUTU077C25	N	TU077	02-L3	SFU	8/9/2021					
HPPG-SFU-TU077C-B-001	SFUTU077CB01	N	TU077	02-L3	SFU	8/11/2021	0.0287 U		0.0233	0.0287	Y
HPPG-SFU-TU077C-B-002	SFUTU077CB02	N	TU077	02-L3	SFU	8/11/2021	0.0278 U		0.0258	0.0278	Y
HPPG-SFU-TU077C-B-003	SFUTU077CB03	N	TU077	02-L3	SFU	8/11/2021	0.0374		0.0333	0.0348	Y
HPPG-SFU-TU077D-001	SFUTU077D01	N	TU077	02-L4	SFU	8/24/2021	0.0293 U	U	0.0267	0.0293	Y
HPPG-SFU-TU077D-002	SFUTU077D02	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-003	SFUTU077D03	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-004	SFUTU077D04	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-005	SFUTU077D05	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-006	SFUTU077D06	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-007	SFUTU077D07	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-008	SFUTU077D08	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-009	SFUTU077D09	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-010	SFUTU077D10	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-011	SFUTU077D11	N	TU077	02-L4	SFU	8/24/2021	0.0298 U	U	0.0277	0.0298	Y
HPPG-SFU-TU077D-012	SFUTU077D12	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-013	SFUTU077D13	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-014	SFUTU077D14	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-174	SFUTU077D15	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-015	SFUTU077D15	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-016	SFUTU077D16	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-017	SFUTU077D17	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-018	SFUTU077D18	N	TU077	02-L4	SFU	8/24/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU077D-019	SFUTU077D19	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-020	SFUTU077D20	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-021	SFUTU077D21	N	TU077	02-L4	SFU	8/24/2021	0.0288 U	U	0.0268	0.0288	Y
HPPG-SFU-TU077D-022	SFUTU077D22	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-023	SFUTU077D23	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-024	SFUTU077D24	N	TU077	02-L4	SFU	8/24/2021					
HPPG-F-175	SFUTU077D25	FD	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-025	SFUTU077D25	N	TU077	02-L4	SFU	8/24/2021					
HPPG-SFU-TU077D-B-001	SFUTU077DB01	N	TU077	02-L4	SFU	8/25/2021	0.0279 U	U	0.0244	0.0279	Y
HPPG-SFU-TU077D-B-002	SFUTU077DB02	N	TU077	02-L4	SFU	8/25/2021	0.0322 U	U	0.0306	0.0322	Y
HPPG-SFU-TU077D-B-003	SFUTU077DB03	N	TU077	02-L4	SFU	8/25/2021	0.0311 U	U	0.0273	0.0311	Y
HPPG-SFU-TU078A-001	SFUTU078A01	N	TU078	03-L1	SFU	4/25/2023	0.0425 U	U	0.0217	0.0425	Y
HPPG-SFU-TU078A-002	SFUTU078A02	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-003	SFUTU078A03	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-004	SFUTU078A04	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-274	SFUTU078A05	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-005	SFUTU078A05	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-006	SFUTU078A06	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-007	SFUTU078A07	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-275	SFUTU078A08	FD	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-008	SFUTU078A08	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-009	SFUTU078A09	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-010	SFUTU078A10	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-011	SFUTU078A11	N	TU078	03-L1	SFU	4/25/2023	0.0450 U	U	0.0244	0.045	Y
HPPG-SFU-TU078A-012	SFUTU078A12	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-013	SFUTU078A13	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-014	SFUTU078A14	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-015	SFUTU078A15	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-016	SFUTU078A16	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-017	SFUTU078A17	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-018	SFUTU078A18	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-019	SFUTU078A19	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-020	SFUTU078A20	N	TU078	03-L1	SFU	4/25/2023					
HPPG-F-276	SFUTU078A21	FD	TU078	03-L1	SFU	4/25/2023	0.0458 U	U	0.0245	0.0458	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078A-021	SFUTU078A21	N	TU078	03-L1	SFU	4/25/2023	0.0453 U	U	0.0246	0.0453	Y
HPPG-SFU-TU078A-022	SFUTU078A22	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-023	SFUTU078A23	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-024	SFUTU078A24	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-025	SFUTU078A25	N	TU078	03-L1	SFU	4/25/2023					
HPPG-SFU-TU078A-B-001	SFUTU078AB01	N	TU078	03-L1	SFU	4/27/2023	0.0218 U	U	0.025	0.0218	Y
HPPG-SFU-TU078A-B-002	SFUTU078AB02	N	TU078	03-L1	SFU	4/27/2023	0.0248 U	U	0.0297	0.0248	Y
HPPG-SFU-TU078A-B-003	SFUTU078AB03	N	TU078	03-L1	SFU	4/27/2023	0.0873		0.0374	0.0242	Y
HPPG-SFU-TU078B-001	SFUTU078B01	N	TU078	71A-L1	SFU	5/10/2023	0.0142 U	U	0.018	0.0142	Y
HPPG-SFU-TU078B-002	SFUTU078B02	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-003	SFUTU078B03	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-004	SFUTU078B04	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-005	SFUTU078B05	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-283	SFUTU078B06	FD	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-006	SFUTU078B06	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-007	SFUTU078B07	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-008	SFUTU078B08	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-009	SFUTU078B09	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-010	SFUTU078B10	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-284	SFUTU078B11	FD	TU078	71A-L1	SFU	5/10/2023	0.0181 U	U	0.0236	0.0181	Y
HPPG-SFU-TU078B-011	SFUTU078B11	N	TU078	71A-L1	SFU	5/10/2023	0.0155 U	UJ	0.0171	0.0155	Y
HPPG-SFU-TU078B-012	SFUTU078B12	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-013	SFUTU078B13	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-014	SFUTU078B14	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-015	SFUTU078B15	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-016	SFUTU078B16	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-017	SFUTU078B17	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-018	SFUTU078B18	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-019	SFUTU078B19	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-020	SFUTU078B20	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-F-285	SFUTU078B21	FD	TU078	71A-L1	SFU	5/10/2023	0.0283		0.0209	0.0147	Y
HPPG-SFU-TU078B-021	SFUTU078B21	N	TU078	71A-L1	SFU	5/10/2023	0.0160 U	U	0.0188	0.016	Y
HPPG-SFU-TU078B-022	SFUTU078B22	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-023	SFUTU078B23	N	TU078	71A-L1	SFU	5/10/2023					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU078B-024	SFUTU078B24	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-025	SFUTU078B25	N	TU078	71A-L1	SFU	5/10/2023					
HPPG-SFU-TU078B-B-001	SFUTU078BB01	N	TU078	71A-L1	SFU	5/11/2023	0.0279 U	U	0.0317	0.0279	Y
HPPG-SFU-TU078B-B-002	SFUTU078BB02	N	TU078	71A-L1	SFU	5/11/2023	0.0231 U	U	0.0292	0.0231	Y
HPPG-SFU-TU078B-B-003	SFUTU078BB03	N	TU078	71A-L1	SFU	5/11/2023	0.0184 U	U	0.0223	0.0184	Y
HPPG-F-128	SFUTU079A01	FD	TU079	34-L1	SFU	7/16/2021	0.0250 U	U	0.02	0.025	Y
HPPG-SFU-TU079A-001	SFUTU079A01	N	TU079	34-L1	SFU	7/16/2021	0.0253 U	U	0.0198	0.0253	Y
HPPG-SFU-TU079A-002	SFUTU079A02	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-003	SFUTU079A03	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-004	SFUTU079A04	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-005	SFUTU079A05	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-006	SFUTU079A06	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-007	SFUTU079A07	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-008	SFUTU079A08	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-009	SFUTU079A09	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-010	SFUTU079A10	N	TU079	34-L1	SFU	7/16/2021					
HPPG-F-129	SFUTU079A11	FD	TU079	34-L1	SFU	7/16/2021	0.0274 U	U	0.023	0.0274	Y
HPPG-SFU-TU079A-011	SFUTU079A11	N	TU079	34-L1	SFU	7/16/2021	0.0308 U	U	0.0239	0.0308	Y
HPPG-SFU-TU079A-012	SFUTU079A12	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-013	SFUTU079A13	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-014	SFUTU079A14	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-015	SFUTU079A15	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-016	SFUTU079A16	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-017	SFUTU079A17	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-018	SFUTU079A18	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-019	SFUTU079A19	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-020	SFUTU079A20	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-021	SFUTU079A21	N	TU079	34-L1	SFU	7/16/2021	0.0315 U	U	0.028	0.0315	Y
HPPG-SFU-TU079A-022	SFUTU079A22	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-023	SFUTU079A23	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-024	SFUTU079A24	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-025	SFUTU079A25	N	TU079	34-L1	SFU	7/16/2021					
HPPG-SFU-TU079A-B-001	SFUTU079AB01	N	TU079	34-L1	SFU	7/21/2021	0.0254 U	U	0.0227	0.0254	Y
HPPG-SFU-TU079A-B-002	SFUTU079AB02	N	TU079	34-L1	SFU	8/6/2021	0.0260 U	U	0.0229	0.026	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079A-B-003	SFUTU079AB03	N	TU079	34-L1	SFU	8/6/2021	0.0270 U	U	0.0231	0.027	Y
HPPG-SFU-TU079A-B-003-A	SFUTU079AB03	N				8/6/2021	0.0282		0.0222	0.0222	Y
HPPG-SFU-TU079A-B-003-B	SFUTU079AB03	N				8/6/2021	0.0234 U	U	0.0211	0.0234	Y
HPPG-SFU-TU079A-B-003-C	SFUTU079AB03	N				8/6/2021	0.0323		0.0234	0.0228	Y
HPPG-SFU-TU079A-B-003-D	SFUTU079AB03	N				8/6/2021	0.0205 U	U	0.0165	0.0205	Y
HPPG-F-136	SFUTU079B01	FD	TU079	53-L1	SFU	7/20/2021	0.0271 U		0.0216	0.0271	Y
HPPG-SFU-TU079B-001	SFUTU079B01	N	TU079	53-L1	SFU	7/20/2021	0.0265 U		0.02	0.0265	Y
HPPG-SFU-TU079B-002	SFUTU079B02	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-003	SFUTU079B03	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-004	SFUTU079B04	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-005	SFUTU079B05	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-006	SFUTU079B06	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-007	SFUTU079B07	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-008	SFUTU079B08	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-009	SFUTU079B09	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-010	SFUTU079B10	N	TU079	53-L1	SFU	7/20/2021					
HPPG-F-137	SFUTU079B11	FD	TU079	53-L1	SFU	7/20/2021	0.0278 U		0.0247	0.0278	Y
HPPG-SFU-TU079B-011	SFUTU079B11	N	TU079	53-L1	SFU	7/20/2021	0.0256 U		0.0218	0.0256	Y
HPPG-SFU-TU079B-012	SFUTU079B12	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-013	SFUTU079B13	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-014	SFUTU079B14	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-015	SFUTU079B15	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-016	SFUTU079B16	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-017	SFUTU079B17	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-018	SFUTU079B18	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-019	SFUTU079B19	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-020	SFUTU079B20	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-021	SFUTU079B21	N	TU079	53-L1	SFU	7/20/2021	0.0321 U		0.0286	0.0321	Y
HPPG-SFU-TU079B-022	SFUTU079B22	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-023	SFUTU079B23	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-024	SFUTU079B24	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-025	SFUTU079B25	N	TU079	53-L1	SFU	7/20/2021					
HPPG-SFU-TU079B-B-001	SFUTU079BB01	N	TU079	53-L1	SFU	7/22/2021	0.0222 U	U	0.017	0.0222	Y
HPPG-SFU-TU079B-B-002	SFUTU079BB02	N	TU079	53-L1	SFU	8/12/2021	0.0242 U	U	0.0217	0.0242	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079B-B-003	SFUTU079BB03	N	TU079	53-L1	SFU	8/12/2021	0.0236 U	U	0.0184	0.0236	Y
HPPG-SFU-TU079B-B-003-A	SFUTU079BB03	N				8/12/2021	0.0322		0.0245	0.0248	Y
HPPG-SFU-TU079B-B-003-B	SFUTU079BB03	N				8/12/2021	0.0225 U	U	0.0195	0.0225	Y
HPPG-SFU-TU079B-B-003-C	SFUTU079BB03	N				8/12/2021	0.0241 U	U	0.0219	0.0241	Y
HPPG-SFU-TU079B-B-003-D	SFUTU079BB03	N				8/12/2021	0.0295 U	U	0.0255	0.0295	Y
HPPG-F-146	SFUTU079C01	FD	TU079	56B-L1	SFU	7/23/2021	0.0284 U		0.0269	0.0284	Y
HPPG-SFU-TU079C-001	SFUTU079C01	N	TU079	56B-L1	SFU	7/23/2021	0.0242 U		0.0194	0.0242	Y
HPPG-SFU-TU079C-002	SFUTU079C02	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-003	SFUTU079C03	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-004	SFUTU079C04	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-005	SFUTU079C05	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-006	SFUTU079C06	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-007	SFUTU079C07	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-008	SFUTU079C08	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-009	SFUTU079C09	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-010	SFUTU079C10	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-F-147	SFUTU079C11	FD	TU079	56B-L1	SFU	7/23/2021	0.0272 U		0.0223	0.0272	Y
HPPG-SFU-TU079C-011	SFUTU079C11	N	TU079	56B-L1	SFU	7/23/2021	0.0258 U		0.0219	0.0258	Y
HPPG-SFU-TU079C-011-A	SFUTU079C11	N				7/23/2021	0.0315 U	U	0.0264	0.0315	Y
HPPG-SFU-TU079C-011-B	SFUTU079C11	N				7/23/2021	0.0230 U	U	0.021	0.023	Y
HPPG-SFU-TU079C-011-C	SFUTU079C11	N				7/23/2021	0.0258 U	U	0.0229	0.0258	Y
HPPG-SFU-TU079C-011-D	SFUTU079C11	N				7/23/2021	0.0275 U	U	0.0259	0.0275	Y
HPPG-SFU-TU079C-012	SFUTU079C12	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-013	SFUTU079C13	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-014	SFUTU079C14	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-015	SFUTU079C15	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-016	SFUTU079C16	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-017	SFUTU079C17	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-018	SFUTU079C18	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-019	SFUTU079C19	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-020	SFUTU079C20	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-021	SFUTU079C21	N	TU079	56B-L1	SFU	7/23/2021	0.0237 U		0.0212	0.0237	Y
HPPG-SFU-TU079C-022	SFUTU079C22	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-023	SFUTU079C23	N	TU079	56B-L1	SFU	7/23/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079C-024	SFUTU079C24	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-025	SFUTU079C25	N	TU079	56B-L1	SFU	7/23/2021					
HPPG-SFU-TU079C-B-001	SFUTU079CB01	N	TU079	56B-L1	SFU	7/26/2021	0.0274 U	U	0.0227	0.0274	Y
HPPG-SFU-TU079C-B-002	SFUTU079CB02	N	TU079	56B-L1	SFU	8/11/2021	0.0308 U	U	0.0254	0.0308	Y
HPPG-SFU-TU079C-B-003	SFUTU079CB03	N	TU079	56B-L1	SFU	8/11/2021	0.0277 U	U	0.0215	0.0277	Y
HPPG-SFU-TU079D-001	SFUTU079D01	N	TU079	53-L2	SFU	9/20/2021	0.0292		0.0269	0.028	Y
HPPG-SFU-TU079D-002	SFUTU079D02	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-003	SFUTU079D03	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-004	SFUTU079D04	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-005	SFUTU079D05	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-006	SFUTU079D06	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-007	SFUTU079D07	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-008	SFUTU079D08	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-009	SFUTU079D09	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-188	SFUTU079D10	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-010	SFUTU079D10	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-011	SFUTU079D11	N	TU079	53-L2	SFU	9/20/2021	0.0362		0.027	0.0272	Y
HPPG-SFU-TU079D-012	SFUTU079D12	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-013	SFUTU079D13	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-014	SFUTU079D14	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-015	SFUTU079D15	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-016	SFUTU079D16	N	TU079	53-L2	SFU	9/20/2021					
HPPG-F-189	SFUTU079D17	FD	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-017	SFUTU079D17	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-018	SFUTU079D18	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-019	SFUTU079D19	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-020	SFUTU079D20	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-021	SFUTU079D21	N	TU079	53-L2	SFU	9/20/2021	0.0293		0.0231	0.0237	Y
HPPG-SFU-TU079D-022	SFUTU079D22	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-023	SFUTU079D23	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-024	SFUTU079D24	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-025	SFUTU079D25	N	TU079	53-L2	SFU	9/20/2021					
HPPG-SFU-TU079D-B-001	SFUTU079DB01	N	TU079	53-L2	SFU	9/21/2021	0.0402		0.0252	0.0244	Y
HPPG-SFU-TU079D-B-002	SFUTU079DB02	N	TU079	53-L2	SFU	9/21/2021	0.0237 U	U	0.0214	0.0237	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU079D-B-003	SFUTU079DB03	N	TU079	53-L2	SFU	9/21/2021	0.0279 U	U	0.0244	0.0279	Y
HPPG-F-099	SFUTU095A001	FD	TU095	43-L1	SFU	6/29/2021	0.0275 U	U	0.0241	0.0275	Y
HPPG-SFU-TU095A-001	SFUTU095A001	N	TU095	43-L1	SFU	6/29/2021	0.0243 U	U	0.0209	0.0243	Y
HPPG-SFU-TU095A-002	SFUTU095A002	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-003	SFUTU095A003	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-004	SFUTU095A004	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-005	SFUTU095A005	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-006	SFUTU095A006	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-007	SFUTU095A007	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-008	SFUTU095A008	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-009	SFUTU095A009	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-010	SFUTU095A010	N	TU095	43-L1	SFU	6/29/2021					
HPPG-F-100	SFUTU095A011	FD	TU095	43-L1	SFU	6/29/2021	0.0351		0.0241	0.0238	Y
HPPG-SFU-TU095A-011	SFUTU095A011	N	TU095	43-L1	SFU	6/29/2021	0.0289 U	UJ	0.0221	0.0289	Y
HPPG-SFU-TU095A-012	SFUTU095A012	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-013	SFUTU095A013	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-014	SFUTU095A014	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-015	SFUTU095A015	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-016	SFUTU095A016	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-017	SFUTU095A017	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-018	SFUTU095A018	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-019	SFUTU095A019	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-020	SFUTU095A020	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-021	SFUTU095A021	N	TU095	43-L1	SFU	6/29/2021	0.0306		0.026	0.027	Y
HPPG-SFU-TU095A-022	SFUTU095A022	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-023	SFUTU095A023	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-024	SFUTU095A024	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-025	SFUTU095A025	N	TU095	43-L1	SFU	6/29/2021					
HPPG-SFU-TU095A-B-001	SFUTU095AB01	N	TU095	43-L1	SFU	7/1/2021	0.0297 U	U	0.0278	0.0297	Y
HPPG-SFU-TU095A-B-002	SFUTU095AB02	N	TU095	43-L1	SFU	8/12/2021	0.0362 U	U	0.0322	0.0362	Y
HPPG-SFU-TU095A-B-003	SFUTU095AB03	N	TU095	43-L1	SFU	8/12/2021	0.0288 U	U	0.0236	0.0288	Y
HPPG-SFU-TU097A-001	SFUTU097A001	N	TU097	17-L1	SFU	6/2/2021	0.0330 U	U	0.0287	0.033	Y
HPPG-SFU-TU097A-002	SFUTU097A002	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-003	SFUTU097A003	N	TU097	17-L1	SFU	6/2/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097A-004	SFUTU097A004	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-005	SFUTU097A005	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-006	SFUTU097A006	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-007	SFUTU097A007	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-008	SFUTU097A008	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-009	SFUTU097A009	N	TU097	17-L1	SFU	6/2/2021					
HPPG-F-063	SFUTU097A010	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-010	SFUTU097A010	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-011	SFUTU097A011	N	TU097	17-L1	SFU	6/2/2021	0.0330 U	U	0.0277	0.033	Y
HPPG-F-064	SFUTU097A012	FD	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-012	SFUTU097A012	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-013	SFUTU097A013	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-014	SFUTU097A014	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-015	SFUTU097A015	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-016	SFUTU097A016	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-017	SFUTU097A017	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-018	SFUTU097A018	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-019	SFUTU097A019	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-020	SFUTU097A020	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-021	SFUTU097A021	N	TU097	17-L1	SFU	6/2/2021	0.0347 U	U	0.0314	0.0347	Y
HPPG-SFU-TU097A-022	SFUTU097A022	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-023	SFUTU097A023	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-024	SFUTU097A024	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-025	SFUTU097A025	N	TU097	17-L1	SFU	6/2/2021					
HPPG-SFU-TU097A-B-001	SFUTU097AB001	N	TU097	17-L1	SFU	6/4/2021	0.0228 U	U	0.0206	0.0228	Y
HPPG-F-110	SFUTU097B01	FD	TU097	37A-L1	SFU	7/2/2021	0.0238 U	U	0.023	0.0238	Y
HPPG-SFU-TU097B-001	SFUTU097B01	N	TU097	37A-L1	SFU	7/2/2021	0.0274 U	U	0.0235	0.0274	Y
HPPG-SFU-TU097B-002	SFUTU097B02	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-003	SFUTU097B03	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-004	SFUTU097B04	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-005	SFUTU097B05	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-006	SFUTU097B06	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-007	SFUTU097B07	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-008	SFUTU097B08	N	TU097	37A-L1	SFU	7/2/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU097B-009	SFUTU097B09	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-010	SFUTU097B10	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-F-111	SFUTU097B11	FD	TU097	37A-L1	SFU	7/2/2021	0.0290 U	U	0.023	0.029	Y
HPPG-SFU-TU097B-011	SFUTU097B11	N	TU097	37A-L1	SFU	7/2/2021	0.0364 U	U	0.0322	0.0364	Y
HPPG-SFU-TU097B-012	SFUTU097B12	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-013	SFUTU097B13	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-014	SFUTU097B14	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-015	SFUTU097B15	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-016	SFUTU097B16	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-017	SFUTU097B17	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-018	SFUTU097B18	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-019	SFUTU097B19	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-020	SFUTU097B20	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-021	SFUTU097B21	N	TU097	37A-L1	SFU	7/2/2021	0.0248 U	U	0.0238	0.0248	Y
HPPG-SFU-TU097B-021-A	SFUTU097B21	N				7/2/2021	0.0280 U	U	0.0212	0.028	Y
HPPG-SFU-TU097B-021-B	SFUTU097B21	N				7/2/2021	0.0282 U	U	0.0223	0.0282	Y
HPPG-SFU-TU097B-021-C	SFUTU097B21	N				7/2/2021	0.0271 U	UJ	0.0202	0.0271	Y
HPPG-SFU-TU097B-021-D	SFUTU097B21	N				7/2/2021	0.0302 U	U	0.0251	0.0302	Y
HPPG-SFU-TU097B-022	SFUTU097B22	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-023	SFUTU097B23	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-024	SFUTU097B24	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-025	SFUTU097B25	N	TU097	37A-L1	SFU	7/2/2021					
HPPG-SFU-TU097B-B-001	SFUTU097BB01	N	TU097	37A-L1	SFU	7/7/2021	0.0330 U	U	0.0282	0.033	Y
HPPG-SFU-TU097B-B-002	SFUTU097BB02	N	TU097	37A-L1	SFU	8/17/2021	0.0270 U	U	0.0254	0.027	Y
HPPG-SFU-TU097B-B-003	SFUTU097BB03	N	TU097	37A-L1	SFU	8/17/2021	0.0261 U	U	0.0212	0.0261	Y
HPPG-SFU-TU097B-B-004	SFUTU097BB04	N	TU097	37A-L1	SFU	8/17/2021	0.0310 U	U	0.0283	0.031	Y
HPPG-SFU-TU098A-001	SFUTU098A01	N	TU098	15-L1	SFU	10/21/2020	0.0242 U	U	0.0206	0.0242	Y
HPPG-SFU-TU098A-002	SFUTU098A02	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-013	SFUTU098A03	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-003	SFUTU098A03	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-004	SFUTU098A04	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-005	SFUTU098A05	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-006	SFUTU098A06	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-007	SFUTU098A07	N	TU098	15-L1	SFU	10/21/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098A-008	SFUTU098A08	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-009	SFUTU098A09	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-010	SFUTU098A10	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-011	SFUTU098A11	N	TU098	15-L1	SFU	10/21/2020	0.0313 U	U	0.0249	0.0313	Y
HPPG-SFU-TU098A-012	SFUTU098A12	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-013	SFUTU098A13	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-014	SFUTU098A14	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-015	SFUTU098A15	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-016	SFUTU098A16	N	TU098	15-L1	SFU	10/21/2020					
HPPG-F-014	SFUTU098A17	FD	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-017	SFUTU098A17	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-018	SFUTU098A18	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-019	SFUTU098A19	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-020	SFUTU098A20	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-021	SFUTU098A21	N	TU098	15-L1	SFU	10/21/2020	0.0288 U	U	0.026	0.0288	Y
HPPG-SFU-TU098A-022	SFUTU098A22	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-023	SFUTU098A23	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-024	SFUTU098A24	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-025	SFUTU098A25	N	TU098	15-L1	SFU	10/21/2020					
HPPG-SFU-TU098A-B-001	SFUTU098AB01	N	TU098	15-L1	SFU	10/22/2020	0.0281 U	U	0.0234	0.0281	Y
HPPG-SFU-TU098B-001	SFUTU098B01	N	TU098	15-L2	SFU	10/29/2020	0.0365		0.0304	0.0314	Y
HPPG-SFU-TU098B-002	SFUTU098B02	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-003	SFUTU098B03	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-004	SFUTU098B04	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-005	SFUTU098B05	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-006	SFUTU098B06	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-007	SFUTU098B07	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-008	SFUTU098B08	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-009	SFUTU098B09	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-010	SFUTU098B10	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-025	SFUTU098B11	FD	TU098	15-L2	SFU	10/29/2020	0.0307 U	U	0.0252	0.0307	Y
HPPG-SFU-TU098B-011	SFUTU098B11	N	TU098	15-L2	SFU	10/29/2020	0.0225 U	U	0.0196	0.0225	Y
HPPG-SFU-TU098B-012	SFUTU098B12	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-013	SFUTU098B13	N	TU098	15-L2	SFU	10/29/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU098B-014	SFUTU098B14	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-015	SFUTU098B15	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-016	SFUTU098B16	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-017	SFUTU098B17	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-018	SFUTU098B18	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-019	SFUTU098B19	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-020	SFUTU098B20	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-021	SFUTU098B21	N	TU098	15-L2	SFU	10/29/2020	0.0263 U	U	0.022	0.0263	Y
HPPG-SFU-TU098B-022	SFUTU098B22	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-023	SFUTU098B23	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-024	SFUTU098B24	N	TU098	15-L2	SFU	10/29/2020					
HPPG-F-026	SFUTU098B25	FD	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-025	SFUTU098B25	N	TU098	15-L2	SFU	10/29/2020					
HPPG-SFU-TU098B-B-001	SFUTU098BB01	N	TU098	15-L2	SFU	10/30/2020	0.0346 U	U	0.0309	0.0346	Y
HPPG-SFU-TU099A-001	SFUTU099A01	N	TU099	12-L1	SFU	11/18/2020	0.0280 U	U	0.0243	0.028	Y
HPPG-SFU-TU099A-002	SFUTU099A02	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-003	SFUTU099A03	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-004	SFUTU099A04	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-005	SFUTU099A05	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-006	SFUTU099A06	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-007	SFUTU099A07	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-008	SFUTU099A08	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-009	SFUTU099A09	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-010	SFUTU099A10	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-011	SFUTU099A11	N	TU099	12-L1	SFU	11/18/2020	0.0257 U	U	0.0224	0.0257	Y
HPPG-SFU-TU099A-012	SFUTU099A12	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-013	SFUTU099A13	N	TU099	12-L1	SFU	11/18/2020					
HPPG-F-037	SFUTU099A14	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-014	SFUTU099A14	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-015	SFUTU099A15	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-016	SFUTU099A16	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-017	SFUTU099A17	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-018	SFUTU099A18	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-019	SFUTU099A19	N	TU099	12-L1	SFU	11/18/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099A-020	SFUTU099A20	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-021	SFUTU099A21	N	TU099	12-L1	SFU	11/18/2020	0.0235 U	U	0.0201	0.0235	Y
HPPG-F-038	SFUTU099A22	FD	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-022	SFUTU099A22	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-023	SFUTU099A23	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-024	SFUTU099A24	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-025	SFUTU099A25	N	TU099	12-L1	SFU	11/18/2020					
HPPG-SFU-TU099A-B-001	SFUTU099AB01	N	TU099	12-L1	SFU	11/19/2020	0.0265 U	U	0.0248	0.0265	Y
HPPG-SFU-TU099B-001	SFUTU099B01	N	TU099	12-L2	SFU	6/14/2021	0.0239 U	U	0.021	0.0239	Y
HPPG-SFU-TU099B-002	SFUTU099B02	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-077	SFUTU099B03	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-003	SFUTU099B03	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-004	SFUTU099B04	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-005	SFUTU099B05	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-006	SFUTU099B06	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-007	SFUTU099B07	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-008	SFUTU099B08	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-009	SFUTU099B09	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-010	SFUTU099B10	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-011	SFUTU099B11	N	TU099	12-L2	SFU	6/14/2021	0.0312 U	U	0.0283	0.0312	Y
HPPG-SFU-TU099B-012	SFUTU099B12	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-013	SFUTU099B13	N	TU099	12-L2	SFU	6/14/2021					
HPPG-F-078	SFUTU099B14	FD	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-014	SFUTU099B14	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-015	SFUTU099B15	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-016	SFUTU099B16	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-017	SFUTU099B17	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-018	SFUTU099B18	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-019	SFUTU099B19	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-020	SFUTU099B20	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-021	SFUTU099B21	N	TU099	12-L2	SFU	6/14/2021	0.0259 U	UJ	0.0191	0.0259	Y
HPPG-SFU-TU099B-022	SFUTU099B22	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-023	SFUTU099B23	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-024	SFUTU099B24	N	TU099	12-L2	SFU	6/14/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU099B-025	SFUTU099B25	N	TU099	12-L2	SFU	6/14/2021					
HPPG-SFU-TU099B-B-001	SFUTU099BB01	N	TU099	12-L2	SFU	6/18/2021	0.0289 U	U	0.0252	0.0289	Y
HPPG-SFU-TU099B-B-002	SFUTU099BB02	N	TU099	12-L2	SFU	8/6/2021	0.0253 U	U	0.0224	0.0253	Y
HPPG-SFU-TU099B-B-003	SFUTU099BB03	N	TU099	12-L2	SFU	8/6/2021	0.0242 U	U	0.0203	0.0242	Y
HPPG-SFU-TU099B-B-003-A	SFUTU099BB03	N				8/6/2021	0.0278 U	U	0.0266	0.0278	Y
HPPG-SFU-TU099B-B-003-B	SFUTU099BB03	N				8/6/2021	0.0279 U	U	0.0239	0.0279	Y
HPPG-SFU-TU099B-B-003-C	SFUTU099BB03	N				8/6/2021	0.0230 U	U	0.0215	0.023	Y
HPPG-SFU-TU099B-B-003-D	SFUTU099BB03	N				8/6/2021	0.0274 U	U	0.0223	0.0274	Y
HPPG-SFU-TU100A-006	SFUTU100A006	N	TU100	26B-L1	SFU	6/17/2021					
HPPG-SFU-TU100A-001	SFUTU100A01	N	TU100	26B-L1	SFU	6/10/2021	0.0253 U	U	0.0228	0.0253	Y
HPPG-SFU-TU100A-002	SFUTU100A02	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-003	SFUTU100A03	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-004	SFUTU100A04	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-005	SFUTU100A05	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-007	SFUTU100A07	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-008	SFUTU100A08	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-009	SFUTU100A09	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-073	SFUTU100A10	FD	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-010	SFUTU100A10	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-011	SFUTU100A11	N	TU100	26B-L1	SFU	6/10/2021	0.0254 U	U	0.0218	0.0254	Y
HPPG-SFU-TU100A-012	SFUTU100A12	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-013	SFUTU100A13	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-014	SFUTU100A14	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-015	SFUTU100A15	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-016	SFUTU100A16	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-017	SFUTU100A17	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-018	SFUTU100A18	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-019	SFUTU100A19	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-020	SFUTU100A20	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-021	SFUTU100A21	N	TU100	26B-L1	SFU	6/10/2021	0.0238 U	U	0.0205	0.0238	Y
HPPG-SFU-TU100A-022	SFUTU100A22	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-023	SFUTU100A23	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-024	SFUTU100A24	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-F-074	SFUTU100A25	FD	TU100	26B-L1	SFU	6/10/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU100A-025	SFUTU100A25	N	TU100	26B-L1	SFU	6/10/2021					
HPPG-SFU-TU100A-B-001	SFUTU100AB01	N	TU100	26B-L1	SFU	6/15/2021	0.0483	J+	0.0359	0.0372	Y
HPPG-F-071	SFUTU101A01	FD	TU101	26A-L1	SFU	6/10/2021	0.0246 U	UJ	0.0219	0.0246	Y
HPPG-SFU-TU101A-001	SFUTU101A01	N	TU101	26A-L1	SFU	6/10/2021	0.0437	J	0.0257	0.0242	Y
HPPG-SFU-TU101A-002	SFUTU101A02	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-003	SFUTU101A03	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-004	SFUTU101A04	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-005	SFUTU101A05	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-006	SFUTU101A06	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-007	SFUTU101A07	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-008	SFUTU101A08	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-009	SFUTU101A09	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-F-072	SFUTU101A10	FD	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-010	SFUTU101A10	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-011	SFUTU101A11	N	TU101	26A-L1	SFU	6/10/2021	0.0294 U	UJ	0.026	0.0294	Y
HPPG-SFU-TU101A-012	SFUTU101A12	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-013	SFUTU101A13	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-014	SFUTU101A14	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-015	SFUTU101A15	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-016	SFUTU101A16	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-017	SFUTU101A17	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-018	SFUTU101A18	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-019	SFUTU101A19	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-020	SFUTU101A20	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-021	SFUTU101A21	N	TU101	26A-L1	SFU	6/10/2021	0.0279	J	0.0257	0.0267	Y
HPPG-SFU-TU101A-022	SFUTU101A22	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-023	SFUTU101A23	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-024	SFUTU101A24	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-025	SFUTU101A25	N	TU101	26A-L1	SFU	6/10/2021					
HPPG-SFU-TU101A-B-001	SFUTU101AB01	N	TU101	26A-L1	SFU	6/11/2021	0.0277 U	U	0.0234	0.0277	Y
HPPG-F-210	SFUTU103A01	FD	TU103	66A-L1	SFU	10/13/2021	0.0253 U	U	0.0221	0.0253	Y
HPPG-SFU-TU103A-001	SFUTU103A01	N	TU103	66A-L1	SFU	10/13/2021	0.0254 U	U	0.0233	0.0254	Y
HPPG-SFU-TU103A-002	SFUTU103A02	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-003	SFUTU103A03	N	TU103	66A-L1	SFU	10/13/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-211	SFUTU103A04	FD	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-004	SFUTU103A04	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-005	SFUTU103A05	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-006	SFUTU103A06	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-007	SFUTU103A07	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-008	SFUTU103A08	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-009	SFUTU103A09	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-010	SFUTU103A10	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-011	SFUTU103A11	N	TU103	66A-L1	SFU	10/13/2021	0.0251 U	U	0.0208	0.0251	Y
HPPG-SFU-TU103A-012	SFUTU103A12	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-013	SFUTU103A13	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-014	SFUTU103A14	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-015	SFUTU103A15	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-016	SFUTU103A16	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-017	SFUTU103A17	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-018	SFUTU103A18	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-019	SFUTU103A19	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-020	SFUTU103A20	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-021	SFUTU103A21	N	TU103	66A-L1	SFU	10/13/2021	0.0258 U	U	0.0225	0.0258	Y
HPPG-SFU-TU103A-022	SFUTU103A22	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-023	SFUTU103A23	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-024	SFUTU103A24	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-025	SFUTU103A25	N	TU103	66A-L1	SFU	10/13/2021					
HPPG-SFU-TU103A-B-001	SFUTU103AB01	N	TU103	66A-L1	SFU	10/14/2021	0.0271 U	U	0.0239	0.0271	Y
HPPG-SFU-TU103A-B-002	SFUTU103AB02	N	TU103	66A-L1	SFU	10/14/2021	0.0270 U	U	0.0243	0.027	Y
HPPG-SFU-TU103A-B-003	SFUTU103AB03	N	TU103	66A-L1	SFU	10/14/2021	0.0096 U	U	0.00909	0.00963	Y
HPPG-SFU-TU104A-001	SFUTU104A01	N	TU104	10-L1	SFU	9/15/2021	0.0391		0.0244	0.0233	Y
HPPG-F-184	SFUTU104A02	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-002	SFUTU104A02	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-003	SFUTU104A03	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-004	SFUTU104A04	N	TU104	10-L1	SFU	9/15/2021					
HPPG-F-185	SFUTU104A05	FD	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-005	SFUTU104A05	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-006	SFUTU104A06	N	TU104	10-L1	SFU	9/15/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU104A-007	SFUTU104A07	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-008	SFUTU104A08	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-009	SFUTU104A09	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-010	SFUTU104A10	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-011	SFUTU104A11	N	TU104	10-L1	SFU	9/15/2021	0.0272 U	U	0.0249	0.0272	Y
HPPG-SFU-TU104A-012	SFUTU104A12	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-013	SFUTU104A13	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-014	SFUTU104A14	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-015	SFUTU104A15	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-016	SFUTU104A16	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-017	SFUTU104A17	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-018	SFUTU104A18	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-019	SFUTU104A19	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-020	SFUTU104A20	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-021	SFUTU104A21	N	TU104	10-L1	SFU	9/15/2021	0.0239 U	U	0.0218	0.0239	Y
HPPG-SFU-TU104A-022	SFUTU104A22	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-023	SFUTU104A23	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-024	SFUTU104A24	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-025	SFUTU104A25	N	TU104	10-L1	SFU	9/15/2021					
HPPG-SFU-TU104A-B-001	SFUTU104AB01	N	TU104	10-L1	SFU	9/16/2021	0.0346		0.0262	0.0264	Y
HPPG-SFU-TU104A-B-002	SFUTU104AB02	N	TU104	10-L1	SFU	9/16/2021	0.0261 U	U	0.0246	0.0261	Y
HPPG-SFU-TU104A-B-003	SFUTU104AB03	N	TU104	10-L1	SFU	9/16/2021	0.0238		0.0225	0.023	Y
HPPG-SFU-TU107A-001	SFUTU107A01	N	TU107	38-L1	SFU	11/24/2020	0.0271 U	U	0.022	0.0271	Y
HPPG-SFU-TU107A-002	SFUTU107A02	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-003	SFUTU107A03	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-004	SFUTU107A04	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-005	SFUTU107A05	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-006	SFUTU107A06	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-007	SFUTU107A07	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-008	SFUTU107A08	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-009	SFUTU107A09	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-010	SFUTU107A10	N	TU107	38-L1	SFU	11/24/2020					
HPPG-F-047	SFUTU107A11	FD	TU107	38-L1	SFU	11/24/2020	0.0248 U	U	0.0189	0.0248	Y
HPPG-SFU-TU107A-011	SFUTU107A11	N	TU107	38-L1	SFU	11/24/2020	0.0278 U	U	0.0239	0.0278	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU107A-012	SFUTU107A12	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-013	SFUTU107A13	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-014	SFUTU107A14	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-015	SFUTU107A15	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-016	SFUTU107A16	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-017	SFUTU107A17	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-018	SFUTU107A18	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-019	SFUTU107A19	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-020	SFUTU107A20	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-021	SFUTU107A21	N	TU107	38-L1	SFU	11/24/2020	0.0249 U	U	0.0211	0.0249	Y
HPPG-F-048	SFUTU107A22	FD	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-022	SFUTU107A22	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-023	SFUTU107A23	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-024	SFUTU107A24	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-025	SFUTU107A25	N	TU107	38-L1	SFU	11/24/2020					
HPPG-SFU-TU107A-B-001	SFUTU107AB01	N	TU107	38-L1	SFU	11/25/2020	0.0239 U	U	0.0214	0.0239	Y
HPPG-SFU-TU108A-001	SFUTU108A01	N	TU108	39-L1	SFU	11/23/2020	0.0297 U	U	0.0262	0.0297	Y
HPPG-SFU-TU108A-002	SFUTU108A02	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-003	SFUTU108A03	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-004	SFUTU108A04	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-005	SFUTU108A05	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-006	SFUTU108A06	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-007	SFUTU108A07	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-008	SFUTU108A08	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-009	SFUTU108A09	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-010	SFUTU108A10	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-011	SFUTU108A11	N	TU108	39-L1	SFU	11/23/2020	0.0263 U	U	0.0252	0.0263	Y
HPPG-SFU-TU108A-012	SFUTU108A12	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-013	SFUTU108A13	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-043	SFUTU108A14	FD	TU108	39-L1	SFU	11/23/2020	0.0274 U	U	0.0245	0.0274	Y
HPPG-SFU-TU108A-014	SFUTU108A14	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-015	SFUTU108A15	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-016	SFUTU108A16	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-017	SFUTU108A17	N	TU108	39-L1	SFU	11/23/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU108A-018	SFUTU108A18	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-019	SFUTU108A19	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-020	SFUTU108A20	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-021	SFUTU108A21	N	TU108	39-L1	SFU	11/23/2020	0.0260 U	U	0.0222	0.026	Y
HPPG-SFU-TU108A-022	SFUTU108A22	N	TU108	39-L1	SFU	11/23/2020					
HPPG-F-044	SFUTU108A23	FD	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-023	SFUTU108A23	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-024	SFUTU108A24	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-025	SFUTU108A25	N	TU108	39-L1	SFU	11/23/2020					
HPPG-SFU-TU108A-B-001	SFUTU108AB01	N	TU108	39-L1	SFU	11/23/2020	0.0302 U	U	0.0263	0.0302	Y
HPPG-F-164	SFUTU109A01	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-001	SFUTU109A01	N	TU109	09-L1	SFU	8/16/2021	0.0284 U	U	0.0253	0.0284	Y
HPPG-SFU-TU109A-002	SFUTU109A02	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-003	SFUTU109A03	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-004	SFUTU109A04	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-005	SFUTU109A05	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-006	SFUTU109A06	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-007	SFUTU109A07	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-008	SFUTU109A08	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-009	SFUTU109A09	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-010	SFUTU109A10	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-011	SFUTU109A11	N	TU109	09-L1	SFU	8/16/2021	0.0255 U		0.0206	0.0255	Y
HPPG-SFU-TU109A-012	SFUTU109A12	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-013	SFUTU109A13	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-014	SFUTU109A14	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-015	SFUTU109A15	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-016	SFUTU109A16	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-017	SFUTU109A17	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-018	SFUTU109A18	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-019	SFUTU109A19	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-020	SFUTU109A20	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-021	SFUTU109A21	N	TU109	09-L1	SFU	8/16/2021	0.0288 U		0.0241	0.0288	Y
HPPG-F-165	SFUTU109A22	FD	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-022	SFUTU109A22	N	TU109	09-L1	SFU	8/16/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109A-023	SFUTU109A23	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-024	SFUTU109A24	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-025	SFUTU109A25	N	TU109	09-L1	SFU	8/16/2021					
HPPG-SFU-TU109A-B-001	SFUTU109AB01	N	TU109	09-L1	SFU	8/17/2021	0.0271 U	U	0.0238	0.0271	Y
HPPG-SFU-TU109A-B-002	SFUTU109AB02	N	TU109	09-L1	SFU	8/17/2021	0.0262 U	U	0.0206	0.0262	Y
HPPG-SFU-TU109A-B-003	SFUTU109AB03	N	TU109	09-L1	SFU	8/17/2021	0.0345		0.021	0.0195	Y
HPPG-SFU-TU109B-001	SFUTU109B01	N	TU109	61-L1	SFU	8/30/2021	0.0235 U	U	0.0225	0.0235	Y
HPPG-SFU-TU109B-002	SFUTU109B02	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-003	SFUTU109B03	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-004	SFUTU109B04	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-178	SFUTU109B05	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-005	SFUTU109B05	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-006	SFUTU109B06	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-007	SFUTU109B07	N	TU109	61-L1	SFU	8/30/2021					
HPPG-F-179	SFUTU109B08	FD	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-008	SFUTU109B08	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-009	SFUTU109B09	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-010	SFUTU109B10	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-011	SFUTU109B11	N	TU109	61-L1	SFU	8/30/2021	0.0244 U	U	0.0209	0.0244	Y
HPPG-SFU-TU109B-012	SFUTU109B12	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-013	SFUTU109B13	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-014	SFUTU109B14	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-015	SFUTU109B15	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-016	SFUTU109B16	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-017	SFUTU109B17	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-018	SFUTU109B18	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-019	SFUTU109B19	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-020	SFUTU109B20	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-021	SFUTU109B21	N	TU109	61-L1	SFU	8/30/2021	0.0225 U	U	0.019	0.0225	Y
HPPG-SFU-TU109B-022	SFUTU109B22	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-023	SFUTU109B23	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-024	SFUTU109B24	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-025	SFUTU109B25	N	TU109	61-L1	SFU	8/30/2021					
HPPG-SFU-TU109B-B-001	SFUTU109BB01	N	TU109	61-L1	SFU	8/31/2021	0.0256 U	U	0.0231	0.0256	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109B-B-002	SFUTU109BB02	N	TU109	61-L1	SFU	8/31/2021	0.0254 U	U	0.0229	0.0254	Y
HPPG-SFU-TU109B-B-003	SFUTU109BB03	N	TU109	61-L1	SFU	8/31/2021	0.0231 U	U	0.0209	0.0231	Y
HPPG-SFU-TU109C-001	SFUTU109C01	N	TU109	09-L2	SFU	9/21/2021	0.0391	J	0.027	0.0264	Y
HPPG-SFU-TU109C-002	SFUTU109C02	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-003	SFUTU109C03	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-004	SFUTU109C04	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-005	SFUTU109C05	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-006	SFUTU109C06	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-007	SFUTU109C07	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-190	SFUTU109C08	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-008	SFUTU109C08	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-009	SFUTU109C09	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-010	SFUTU109C10	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-011	SFUTU109C11	N	TU109	09-L2	SFU	9/21/2021	0.0341 U	U	0.027	0.0341	Y
HPPG-SFU-TU109C-012	SFUTU109C12	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-013	SFUTU109C13	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-014	SFUTU109C14	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-015	SFUTU109C15	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-016	SFUTU109C16	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-017	SFUTU109C17	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-018	SFUTU109C18	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-019	SFUTU109C19	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-020	SFUTU109C20	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-021	SFUTU109C21	N	TU109	09-L2	SFU	9/21/2021	0.0255 U	U	0.021	0.0255	Y
HPPG-SFU-TU109C-022	SFUTU109C22	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-023	SFUTU109C23	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-024	SFUTU109C24	N	TU109	09-L2	SFU	9/21/2021					
HPPG-F-191	SFUTU109C25	FD	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-025	SFUTU109C25	N	TU109	09-L2	SFU	9/21/2021					
HPPG-SFU-TU109C-B-001	SFUTU109CB01	N	TU109	09-L2	SFU	9/22/2021	0.0216 U	U	0.0179	0.0216	Y
HPPG-SFU-TU109C-B-002	SFUTU109CB02	N	TU109	09-L2	SFU	9/22/2021	0.0204 U	U	0.0167	0.0204	Y
HPPG-SFU-TU109C-B-003	SFUTU109CB03	N	TU109	09-L2	SFU	9/22/2021	0.0271 U	U	0.0239	0.0271	Y
HPPG-F-192	SFUTU109D01	FD	TU109	61-L2	SFU	9/22/2021	0.0273 U	U	0.0259	0.0273	Y
HPPG-SFU-TU109D-001	SFUTU109D01	N	TU109	61-L2	SFU	9/22/2021	0.0239 U	U	0.0226	0.0239	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU109D-002	SFUTU109D02	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-003	SFUTU109D03	N	TU109	61-L2	SFU	9/22/2021					
HPPG-F-193	SFUTU109D04	FD	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-004	SFUTU109D04	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-005	SFUTU109D05	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-006	SFUTU109D06	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-007	SFUTU109D07	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-008	SFUTU109D08	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-009	SFUTU109D09	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-010	SFUTU109D10	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-011	SFUTU109D11	N	TU109	61-L2	SFU	9/22/2021	0.0230 U	U	0.0215	0.023	Y
HPPG-SFU-TU109D-012	SFUTU109D12	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-013	SFUTU109D13	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-014	SFUTU109D14	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-015	SFUTU109D15	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-016	SFUTU109D16	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-017	SFUTU109D17	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-018	SFUTU109D18	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-019	SFUTU109D19	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-020	SFUTU109D20	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-021	SFUTU109D21	N	TU109	61-L2	SFU	9/22/2021	0.0267 U	U	0.0244	0.0267	Y
HPPG-SFU-TU109D-022	SFUTU109D22	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-023	SFUTU109D23	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-024	SFUTU109D24	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-025	SFUTU109D25	N	TU109	61-L2	SFU	9/22/2021					
HPPG-SFU-TU109D-B-001	SFUTU109DB01	N	TU109	61-L2	SFU	9/23/2021	0.0248		0.0228	0.023	Y
HPPG-SFU-TU109D-B-002	SFUTU109DB02	N	TU109	61-L2	SFU	9/23/2021	0.0224 U	U	0.0203	0.0224	Y
HPPG-SFU-TU109D-B-003	SFUTU109DB03	N	TU109	61-L2	SFU	9/23/2021	0.0237 U	U	0.0208	0.0237	Y
HPPG-SFU-TU115A-001	SFUTU115A01	N	TU115	41-L1	SFU	6/11/2021	0.0278 U	U	0.0255	0.0278	Y
HPPG-F-075	SFUTU115A02	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-002	SFUTU115A02	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-003	SFUTU115A03	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-004	SFUTU115A04	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-005	SFUTU115A05	N	TU115	41-L1	SFU	6/11/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU115A-006	SFUTU115A06	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-007	SFUTU115A07	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-008	SFUTU115A08	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-009	SFUTU115A09	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-010	SFUTU115A10	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-011	SFUTU115A11	N	TU115	41-L1	SFU	6/11/2021	0.0269 U	U	0.0226	0.0269	Y
HPPG-SFU-TU115A-012	SFUTU115A12	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-013	SFUTU115A13	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-014	SFUTU115A14	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-015	SFUTU115A15	N	TU115	41-L1	SFU	6/11/2021					
HPPG-F-076	SFUTU115A16	FD	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-016	SFUTU115A16	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-017	SFUTU115A17	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-018	SFUTU115A18	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-019	SFUTU115A19	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-020	SFUTU115A20	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-021	SFUTU115A21	N	TU115	41-L1	SFU	6/11/2021	0.0262 U	U	0.0246	0.0262	Y
HPPG-SFU-TU115A-022	SFUTU115A22	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-023	SFUTU115A23	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-024	SFUTU115A24	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-025	SFUTU115A25	N	TU115	41-L1	SFU	6/11/2021					
HPPG-SFU-TU115A-B-001	SFUTU115AB01	N	TU115	41-L1	SFU	6/15/2021	0.0309 U	U	0.0267	0.0309	Y
HPPG-SFU-TU121A-001	SFUTU121A01	N	TU121	62B-L1	SFU	10/19/2021	0.0225 U	U	0.0176	0.0225	Y
HPPG-F-214	SFUTU121A02	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-002	SFUTU121A02	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-003	SFUTU121A03	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-004	SFUTU121A04	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-005	SFUTU121A05	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-006	SFUTU121A06	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-007	SFUTU121A07	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-008	SFUTU121A08	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-009	SFUTU121A09	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-010	SFUTU121A10	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-011	SFUTU121A11	N	TU121	62B-L1	SFU	10/19/2021	0.0202 U	U	0.0184	0.0202	Y

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-F-215	SFUTU121A12	FD	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-012	SFUTU121A12	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-013	SFUTU121A13	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-014	SFUTU121A14	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-015	SFUTU121A15	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-016	SFUTU121A16	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-017	SFUTU121A17	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-018	SFUTU121A18	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-019	SFUTU121A19	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-020	SFUTU121A20	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-021	SFUTU121A21	N	TU121	62B-L1	SFU	10/19/2021	0.0282 U	U	0.027	0.0282	Y
HPPG-SFU-TU121A-022	SFUTU121A22	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-023	SFUTU121A23	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-024	SFUTU121A24	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-025	SFUTU121A25	N	TU121	62B-L1	SFU	10/19/2021					
HPPG-SFU-TU121A-B-001	SFUTU121AB01	N	TU121	62B-L1	SFU	10/19/2021	0.0285 U	U	0.0221	0.0285	Y
HPPG-SFU-TU121A-B-002	SFUTU121AB02	N	TU121	62B-L1	SFU	10/19/2021	0.0271 U	U	0.0245	0.0271	Y
HPPG-SFU-TU121A-B-003	SFUTU121AB03	N	TU121	62B-L1	SFU	10/19/2021	0.0261 U	U	0.0226	0.0261	Y
HPPG-SFU-TU121B-001	SFUTU121B01	N	TU121	37B-L1	SFU	11/11/2021	0.0317 U	U	0.0263	0.0317	Y
HPPG-SFU-TU121B-002	SFUTU121B02	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-003	SFUTU121B03	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-004	SFUTU121B04	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-005	SFUTU121B05	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-006	SFUTU121B06	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-007	SFUTU121B07	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-008	SFUTU121B08	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-009	SFUTU121B09	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-010	SFUTU121B10	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-011	SFUTU121B11	N	TU121	37B-L1	SFU	11/11/2021	0.0294 U	U	0.0269	0.0294	Y
HPPG-SFU-TU121B-012	SFUTU121B12	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-013	SFUTU121B13	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-014	SFUTU121B14	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-015	SFUTU121B15	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-016	SFUTU121B16	N	TU121	37B-L1	SFU	11/11/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU121B-017	SFUTU121B17	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-F-228	SFUTU121B18	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-018	SFUTU121B18	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-019	SFUTU121B19	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-020	SFUTU121B20	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-021	SFUTU121B21	N	TU121	37B-L1	SFU	11/11/2021	0.0301 U	U	0.0241	0.0301	Y
HPPG-F-229	SFUTU121B22	FD	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-022	SFUTU121B22	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-023	SFUTU121B23	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-024	SFUTU121B24	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-025	SFUTU121B25	N	TU121	37B-L1	SFU	11/11/2021					
HPPG-SFU-TU121B-B-001	SFUTU121BB01	N	TU121	37B-L1	SFU	11/12/2021	0.0220 U	U	0.0186	0.022	Y
HPPG-SFU-TU121B-B-002	SFUTU121BB02	N	TU121	37B-L1	SFU	11/12/2021	0.0294 U	U	0.0261	0.0294	Y
HPPG-SFU-TU121B-B-003	SFUTU121BB03	N	TU121	37B-L1	SFU	11/12/2021	0.0233		0.0217	0.0221	Y
HPPG-F-148	SFUTU124A01	FD	TU124	07-L1	SFU	7/27/2021	0.0607		0.0361	0.0352	Y
HPPG-SFU-TU124A-001	SFUTU124A01	N	TU124	07-L1	SFU	7/27/2021	0.0267		0.024	0.0246	Y
HPPG-SFU-TU124A-001-A	SFUTU124A01	N				7/27/2021	0.0251 U	U	0.0218	0.0251	Y
HPPG-SFU-TU124A-001-B	SFUTU124A01	N				7/27/2021	0.0236 U	U	0.0204	0.0236	Y
HPPG-SFU-TU124A-001-C	SFUTU124A01	N				7/27/2021	0.0322 U	U	0.0289	0.0322	Y
HPPG-SFU-TU124A-001-D	SFUTU124A01	N				7/27/2021	0.0253 U	U	0.0228	0.0253	Y
HPPG-SFU-TU124A-002	SFUTU124A02	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-003	SFUTU124A03	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-004	SFUTU124A04	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-005	SFUTU124A05	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-006	SFUTU124A06	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-007	SFUTU124A07	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-008	SFUTU124A08	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-009	SFUTU124A09	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-010	SFUTU124A10	N	TU124	07-L1	SFU	7/27/2021					
HPPG-F-149	SFUTU124A11	FD	TU124	07-L1	SFU	7/27/2021	0.0280 U	U	0.0259	0.028	Y
HPPG-SFU-TU124A-011	SFUTU124A11	N	TU124	07-L1	SFU	7/27/2021	0.0286 U	U	0.024	0.0286	Y
HPPG-SFU-TU124A-012	SFUTU124A12	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-013	SFUTU124A13	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-014	SFUTU124A14	N	TU124	07-L1	SFU	7/27/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124A-015	SFUTU124A15	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-016	SFUTU124A16	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-017	SFUTU124A17	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-018	SFUTU124A18	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-019	SFUTU124A19	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-020	SFUTU124A20	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-021	SFUTU124A21	N	TU124	07-L1	SFU	7/27/2021	0.0269 U	U	0.0223	0.0269	Y
HPPG-SFU-TU124A-022	SFUTU124A22	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-023	SFUTU124A23	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-024	SFUTU124A24	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-025	SFUTU124A25	N	TU124	07-L1	SFU	7/27/2021					
HPPG-SFU-TU124A-B-001	SFUTU124AB01	N	TU124	07-L1	SFU	7/29/2021	0.0621		0.0283	0.0254	Y
HPPG-SFU-TU124A-B-002	SFUTU124AB02	N	TU124	07-L1	SFU	8/6/2021	0.0293 U	U	0.0239	0.0293	Y
HPPG-SFU-TU124A-B-003	SFUTU124AB03	N	TU124	07-L1	SFU	8/6/2021	0.0332 U	U	0.0296	0.0332	Y
HPPG-SFU-TU124B-001	SFUTU124B01	N	TU124	07-L2	SFU	9/23/2021	0.0269 U	U	0.0242	0.0269	Y
HPPG-SFU-TU124B-002	SFUTU124B02	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-003	SFUTU124B03	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-004	SFUTU124B04	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-005	SFUTU124B05	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-006	SFUTU124B06	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-007	SFUTU124B07	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-008	SFUTU124B08	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-009	SFUTU124B09	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-010	SFUTU124B10	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-011	SFUTU124B11	N	TU124	07-L2	SFU	9/23/2021	0.0242 U	U	0.0207	0.0242	Y
HPPG-SFU-TU124B-012	SFUTU124B12	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-013	SFUTU124B13	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-014	SFUTU124B14	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-015	SFUTU124B15	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-016	SFUTU124B16	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-017	SFUTU124B17	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-018	SFUTU124B18	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-196	SFUTU124B19	FD	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-019	SFUTU124B19	N	TU124	07-L2	SFU	9/23/2021					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU124B-020	SFUTU124B20	N	TU124	07-L2	SFU	9/23/2021					
HPPG-F-197	SFUTU124B21	FD	TU124	07-L2	SFU	9/23/2021	0.0289 U	U	0.0251	0.0289	Y
HPPG-SFU-TU124B-021	SFUTU124B21	N	TU124	07-L2	SFU	9/23/2021	0.0243 U	U	0.0202	0.0243	Y
HPPG-SFU-TU124B-022	SFUTU124B22	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-023	SFUTU124B23	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-024	SFUTU124B24	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-025	SFUTU124B25	N	TU124	07-L2	SFU	9/23/2021					
HPPG-SFU-TU124B-B-001	SFUTU124BB01	N	TU124	07-L2	SFU	9/24/2021	0.0268 U	U	0.0256	0.0268	Y
HPPG-SFU-TU124B-B-002	SFUTU124BB02	N	TU124	07-L2	SFU	9/24/2021	0.0275 U	U	0.0232	0.0275	Y
HPPG-SFU-TU124B-B-003	SFUTU124BB03	N	TU124	07-L2	SFU	9/24/2021	0.0466 U	U	0.0376	0.0466	Y
HPPG-SFU-TU153A-001	SFUTU153A01	N	TU153	31-L1	SFU	10/14/2020	0.0287 U	U	0.0269	0.0287	Y
HPPG-SFU-TU153A-002	SFUTU153A02	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-003	SFUTU153A03	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-004	SFUTU153A04	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-005	SFUTU153A05	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-006	SFUTU153A06	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-007	SFUTU153A07	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-011	SFUTU153A08	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-008	SFUTU153A08	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-009	SFUTU153A09	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-010	SFUTU153A10	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-011	SFUTU153A11	N	TU153	31-L1	SFU	10/14/2020	0.0258 U	U	0.0207	0.0258	Y
HPPG-SFU-TU153A-012	SFUTU153A12	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-013	SFUTU153A13	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-014	SFUTU153A14	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-015	SFUTU153A15	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-016	SFUTU153A16	N	TU153	31-L1	SFU	10/14/2020					
HPPG-F-012	SFUTU153A17	FD	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-017	SFUTU153A17	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-018	SFUTU153A18	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-019	SFUTU153A19	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-020	SFUTU153A20	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-021	SFUTU153A21	N	TU153	31-L1	SFU	10/14/2020	0.0276 U	U	0.022	0.0276	Y
HPPG-SFU-TU153A-022	SFUTU153A22	N	TU153	31-L1	SFU	10/14/2020					

Table 7: Strontium-90 and Final Project Results for Total Beta Strontium by Eichrom Method

Method / Parameter							Eichrom / Total Beta Strontium (pCi/g)				
Sample ID	Location	Sample Type	Trench Survey Unit	RSY Pad	Type	Sample Date	Result / LQ	VQ	Total Uncert	DLC	Third-Party Data Validated
HPPG-SFU-TU153A-023	SFUTU153A23	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-024	SFUTU153A24	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-025	SFUTU153A25	N	TU153	31-L1	SFU	10/14/2020					
HPPG-SFU-TU153A-B-001	SFUTU153AB01	N	TU153	31-L1	SFU	10/15/2020	0.0276 U	U	0.0228	0.0276	Y
HPPG-SFU-TU153B-001	SFUTU153B01	N	TU153	31-L2	SFU	10/23/2020	0.0287 U	U	0.0242	0.0287	Y
HPPG-SFU-TU153B-002	SFUTU153B02	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-003	SFUTU153B03	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-004	SFUTU153B04	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-019	SFUTU153B05	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-005	SFUTU153B05	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-006	SFUTU153B06	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-007	SFUTU153B07	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-008	SFUTU153B08	N	TU153	31-L2	SFU	10/23/2020					
HPPG-F-020	SFUTU153B09	FD	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-009	SFUTU153B09	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-010	SFUTU153B10	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-011	SFUTU153B11	N	TU153	31-L2	SFU	10/23/2020	0.0240 U	U	0.0214	0.024	Y
HPPG-SFU-TU153B-012	SFUTU153B12	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-013	SFUTU153B13	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-014	SFUTU153B14	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-015	SFUTU153B15	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-016	SFUTU153B16	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-017	SFUTU153B17	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-018	SFUTU153B18	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-019	SFUTU153B19	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-020	SFUTU153B20	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-021	SFUTU153B21	N	TU153	31-L2	SFU	10/23/2020	0.0281		0.0249	0.0255	Y
HPPG-SFU-TU153B-022	SFUTU153B22	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-023	SFUTU153B23	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-024	SFUTU153B24	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-025	SFUTU153B25	N	TU153	31-L2	SFU	10/23/2020					
HPPG-SFU-TU153B-B-001	SFUTU153BB01	N	TU153	31-L2	SFU	10/23/2020	0.0275 U	U	0.0258	0.0275	Y

Table 7: Final Project Results for Total Beta Strontium Results by Eichrom Method

Notes:
** Negative results are reported when the sample counts are lower than instrument background counts.
DLC - decision level concentration
ESU - excavation soil unit
FD - field duplicate sample
HPPG - Hunters Point Parcel G
J - estimated
J+ - potential high bias
LQ - lab qualifier
N - normal field sample
N/A - not applicable
pCi/g - picocuries per gram
RSY - radiological screening yard
SFU - sidewall and floor survey unit
SU - survey unit
TU - trench unit
U - not detected at or below the decision level concentration
UJ - material analyzed but not detected, reported quantitation limit is approximate
VQ - validation qualifier
Y - yes

APPENDIX A
RESPONSES TO REGULATORY AGENCY COMMENTS

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Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126

Comments by: U.S. Environmental Protection Agency's (EPA's) National Analytical Radiation Environmental Laboratory (NAREL), comments dated April 2024

Specific or General Comments	Response
1. **Verification Studies for Method 905.** At the request of EPA, the Navy had its contract laboratory perform "verification studies" of the lab's implementations of EPA Method 905 for Sr-90 and Method 905 for Total Beta Strontium (TBS). The lab spiked 10 samples with Sr-90 at each of two levels, including the remedial goal (RG) of 0.331 pCi/g and ~half the RG, 0.166 pCi/g. The results were evaluated against criteria obtained from Chapter 6 of the MARLAP manual, according to which the difference between each measurement result and the reference value is required to be less than a calculated multiple of the required uncertainty at that reference value. The verification studies gave clearly unacceptable results for both methods tested. NAREL reviewed the study results, checked the calculations, and concurred with the conclusion that neither method met the stated uncertainty requirements (10 % relative standard uncertainty at or above the RG, or 0.0331 pCi/g standard uncertainty below it). NAREL also applied a statistical test for mean squared error to the same study results and again found that neither method met the uncertainty requirements: the root mean squared error for each method at each of the two spike levels clearly exceeded the maximum tolerable uncertainty.	The Navy appreciates NAREL's review and concurrence on the results presented for the EPA Method 905 verification study.
2. **Uncertainty for Method 905.** For each measurement result for the verification samples spiked at the RG, the Navy's laboratory compared its calculated measurement uncertainty (TPU) to the required method uncertainty (uMR). The TPU for every measurement by each method exceeded uMR, indicating that neither method is likely to meet the project's uncertainty requirements. The TPU estimates for Method 905 Sr-90 on average were more than 3 times uMR. The TPUs for Method 905 TBS were nearer the required uncertainty but still exceeded it. EPA had requested that the Navy ask the laboratory to calculate the "method uncertainty" for each of the two methods in the manner described by the MARLAP manual. NAREL reviewers were unable to find any documentation of a calculated "method uncertainty" for EPA Method 905 for Sr-90 or EPA Method 905 TBS, although the absence of that information does not affect the conclusions, since the TPU for each verification measurement at the RG exceeded the required method uncertainty. The calculated method uncertainty is intended to be an easily obtained *prior*	The Navy appreciates NAREL's review and conclusions that the calculated measurement uncertainty (TPU) exceeded the requirement method uncertainty.

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estimate of the TPU that can be expected when analyzing real samples with activity at the RG. It might even be a low estimate of the uncertainty if it is based on overoptimistic assumptions about the samples and measurement process; so, the laboratory's evaluation of actual TPUs is an acceptable substitute. NAREL also compared the laboratory's reported uncertainties to the observed standard deviation of results in each data set. In every case, including both spike levels and the method blanks for each method (6 data sets in all), the observed standard deviation exceeded even the largest of the lab's reported uncertainties. So, it appears that the measurement uncertainties were underestimated for Method 905 for Sr-90 and for Method 905 for TBS.	
3. **Method Blanks for Method 905.** The lab analyzed 10 method blank samples and 10 matrix blank samples by each method. NAREL focused its attention on the method blanks, since matrix blanks are not guaranteed to be completely free of Sr-90. The Navy evaluated the blank results by comparing each measured result to the decision level concentration (DLC). Note that the DLC is specifically designed for use as a threshold for detection. The method blank results for Method 905 Sr-90 were biased high, and six of the 10 exceeded the DLC, representing false detections of Sr-90 in blank samples. Of more practical significance, three of the results exceeded the RG, strongly suggesting that this method would give an unacceptably high rate of false exceedances if used on field samples. Based on these results alone, NAREL would concur with the conclusion that Method 905 Sr-90 is not suitable for use on field samples from HPNS. The method blank results for Method 905 TBS did not show a detectable bias, but three of the measured values exceeded the DLC, indicating false detections. None of the measured TBS values exceeded the RG. The TBS results were distributed above and below zero, as expected if there is no bias; however, one result was less than zero by more than 3 times its combined standard uncertainty, suggesting either an outlier or underestimation of the measurement uncertainty. NAREL performed a statistical outlier test, which was negative. In NAREL's opinion, the method blank results from Method 905 TBS raise questions about the method's adequacy for the HPNS project and would suffice to disqualify it if detections of Sr-90 above the DLC were	The Navy appreciates NAREL's review and concurrence that the EPA Method 905 is not suitable for use on field samples from Hunters Point Naval Shipyard (HPNS) for both strontium-90 (Sr-90) and total beta strontium (TBS) analyses.

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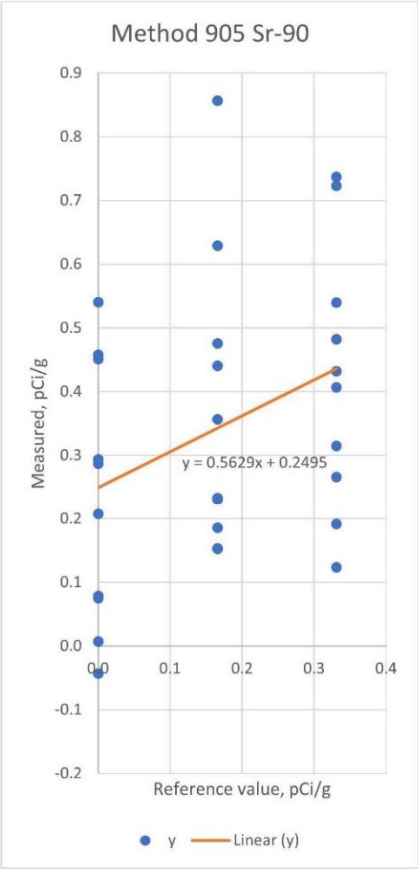
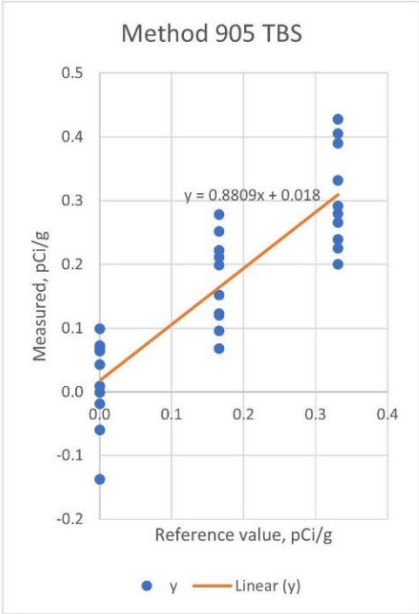
to be used in final decision-making. Of course, the method is already disqualified because it fails to meet the project's uncertainty requirements, as noted above. NAREL tested the method blank results for mean squared error in the same manner as the spike results mentioned above. For both methods, the root mean squared error significantly exceeded the allowable uncertainty of 0.0331 pCi/g.	
4. Graphs of Results by Method 905. NAREL plotted all the results from Method 905 (Sr-90 and TBS) for the method blanks and spiked samples. The graphs (below) illustrate the superiority of the TBS method variant, even if neither variant meets the project's uncertainty requirements. The spread of measured results obtained by the Sr-90 method at each level exceeded the range of reference values (0.331 pCi/g).	The Navy agrees with NAREL's graphical analysis that TBS analysis using EPA Method 905 is superior to Sr-90 analysis using EPA Method 905. The Navy also agrees that EPA Method 905 for both Sr-90 and TBS analysis do not meet the project's uncertainty requirements and are therefore not appropriate analytical methods for Parcel G.

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126

Comments by: U.S. Environmental Protection Agency's (EPA's) National Analytical Radiation Environmental Laboratory (NAREL), comments dated April 2024





5. Blind PE Samples for the Eichrom TBS Method. As described in section 4.1.1 of the subject document, a MARLAP style method validation was performed on the Eichrom Total Beta Strontium (TBS) method which employed five replicate spiked samples at three different levels. All spiked results passed the MARLAP acceptance criteria which incorporated the project-specific required method uncertainty for Parcel G. This provides demonstrable evidence that the Eichrom TBS method is appropriate for	The Navy concurs with NAREL's analysis that the blind PE (performance evaluation) samples passed the data quality objectives and provide demonstrable evidence that the Eichrom method for TBS analysis is appropriate for Parcel G.

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Comments by: U.S. Environmental Protection Agency's (EPA's) National Analytical Radiation Environmental Laboratory (NAREL), comments dated April 2024	
Parcel's G remedial goal (RG), required method uncertainty and decision rule for sample analysis. NAREL's review of the performance of EPA Method 905 for Sr-90, EPA Method 905 for TBS, Eichrom Sr-90 method and Eichrom TBS method indicates that the Eichrom TBS method performed better than the other three methods at activity concentrations at or near the remedial goal (RG) for Parcel G. As part on [*sic*] an additional and independent evaluation effort of the performance of Eichrom TBS method, EPA suggested that the laboratory use its Eichrom TBS method to analyze blind samples obtained from an outside provider. The laboratory obtained and analyzed five such samples and attempted to evaluate them using MARLAP criteria. NAREL reviewed the evaluation and found that the acceptance range for each result was wider than MARLAP's guidance would prescribe for a set of five measurements. All five samples were spiked somewhat above the RG, making the required relative uncertainty 10 %. MARLAP calculates the tolerance for each measurement as a multiple of the required uncertainty, where the value of the multiplier, k, is based on the total number of measurements. The laboratory used the value k = 2.9, but MARLAP would use k = 2.6 for five measurements. The mistake did not affect the conclusions, because all the results were within the acceptance range either way. The results met the MARLAP criteria. Each of the measurement results was less than the associated reference value, with an average recovery ratio of ~88 %, suggesting a possible negative bias. The laboratory performed a t-test for bias, which was negative. NAREL performed a t-test and obtained the same result: no detectable bias. The provider of the blind samples judged all five measured results to be in agreement with the reference values but flagged one with a "warning." The flagged result was 0.3911 pCi/g for a sample with reference value 0.5020 pCi/g. The calculated recovery ratio for this result was ~78 %. NAREL calculated the ζ-score, which incorporates both the measurement uncertainty and the uncertainty of the reference value, obtaining $\zeta = -2.775$. The negative sign of ζ reflects the fact that the measured result was less than the reference value, while the magnitude can be interpreted as a number of	

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Comments by: U.S. Environmental Protection Agency's (EPA's) National Analytical Radiation Environmental Laboratory (NAREL), comments dated April 2024	
estimated standard deviations from the reference value. Magnitudes less than 2 are best. Magnitudes greater than 3 should rarely occur. NAREL also performed a statistical test for mean squared error on the five results. The test did not find statistically significant evidence that the root mean squared error exceeded the required method uncertainty in this small data set. So, despite the fact that all five results were less than their respective reference values, the data passed the relevant statistical tests.	
6. Summary of Conclusions. Based on the criteria from Chapter 6 of the MARLAP Manual, the verification studies for the laboratory's implementations of EPA Method 905 for Sr-90 and EPA Method 905 TBS had multiple failures. These results alone clearly indicate that neither method is appropriate for the analysis of samples from Parcel G, Former Hunters Point Naval Shipyard site given the remedial goal (RG), the required method uncertainty, and the decision rule. Evaluations of the method blank results and the estimated method uncertainties provide additional evidence for the inadequacy of both methods.	The Navy agrees with NAREL's conclusions that EPA Method 905 is not appropriate for analysis of samples for Sr-90 or TBS for Parcel G, HPNS.

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126	
Comments by: Andrew Bain, Lead Remedial Project Manager, U.S. Environmental Protection Agency Region 9, comments dated July 15, 2024	
Specific or General Comments	**Response**
1. General. EPA appreciates the Navy's efforts to work with the Federal Facility Agreement Regulatory Parties through a series of focused meetings on the Parcel G, Strontium-90 analytical issues, including plans for the Strontium Verification Study Report/Field Change Request (aka FCR-008). During our review, we had access to a portion of the Parcel G Data Validation Reports. We have requested and look forward to receiving a copy of the comprehensive data validation package. Key to reaching consensus is a clear understanding and agreement among the FFA Parties about the approach, reflected by the Strontium Verification Study Report on the path forward regarding Phase 2 work.	Navy appreciates the EPA's assistance and input on this technical memorandum and the various validation and verification studies included in the appendices. The Navy provided the Phase 1 third-party data validation reports to the regulatory agencies for review on July 9, 2024. Phase 1 and Phase 2 third-party data validation reports will be included in the removal action completion report.
2. General. EPA's review focuses on the study design framework and results, but not the additional background discussion contained therein. EPA strongly recommends that the Navy develop a documented process to closely monitor laboratory results as they are generated to allow for a timely identification of non-compliance with the project's analytical requirements. Additionally, EPA recommends that the Navy develop a data validation plan (or Standard Operating Procedure) with validation test and criteria suitable for radiological data which at a minimum incorporates an evaluation of the reported measurement uncertainties a part of the validation criteria.	Navy appreciates the EPA's input and suggestions, and they will be taken into consideration. Currently, analytical laboratories follow the latest version of the Department of Defense and Department of Energy Quality Systems Manual for Environmental Laboratories (QSM).
3. General. NAREL recommends the use of *American National Standard (ANS)/American Nuclear Society (ANSI)-41.5, Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation* or the Multi-Agency Radiological Laboratory Analytical Protocols (MARLAP) Manual, Chapter 8 Radiochemical Data Verification and Validation for the validation of radiological data.	The Navy appreciates the EPA's input and suggestions and as indicated on Sampling and Analysis Plan Worksheets #34-36, we agree with utilizing MARLAP, Section 8, Radiochemical Data Verification and Validation, 2004. Other references that will be used are: • DoD Quality Systems Manual for Environmental Laboratories (QSM; U.S. Department of Defense [DoD], V5.l 2017, or most recent version) • DoD General Data Validation Guidelines, 2018 • Environmental Protection Agency (EPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, Third Edition, Update III and IV • EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, 2017 • EPA Contract Laboratory Program National Functional Guidelines

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126	
Comments by: Andrew Bain, Lead Remedial Project Manager, U.S. Environmental Protection Agency Region 9, comments dated July 15, 2024	
	for Inorganic Superfund Data Review, 2017

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126	
Comments by: Yuksel Ufuktepe, Associate Health Physicist, California Department of Public Health, comments dated July 25, 2024	
Specific or General Comments	**Response**
1. General. CDPH agrees EPA's recommendations shared on July 15, 2024 that the Navy should develop a documentation process to closely monitor generated laboratory results to allow for timely identification of non-compliance with the project's analytical requirements, as well as develop a data validation plan that includes validation tests and criteria.	Navy appreciates the CDPH's input and suggestions, and they will be taken into consideration. Currently, analytical laboratories follow the latest version of the Department of Defense and Department of Energy Quality Systems Manual for Environmental Laboratories (QSM). The third-party data validator uses the following references to validate the data for this project, as specified in Sampling and Analysis Plan Worksheets #34-36: • DoD Quality Systems Manual for Environmental Laboratories (QSM; U.S. Department of Defense [DoD], V5.l 2017, or most recent version) • DoD General Data Validation Guidelines, 2018 • MARLAP, Section 8, Radiochemical Data Verification and Validation, 2004 • Environmental Protection Agency (EPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, Third Edition, Update III and IV • EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, 2017 • EPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, 2017
2. General. CDPH-EMB agrees that the Navy should use Eichrom Total Beta Strontium method at HPNS Parcel G for soil sample analysis.	The Navy appreciates CDPH's careful review and concurrence that TBS analysis using the Eichrom method is the appropriate analytical method for strontium at Parcel G.

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126	
Comments by: Michael Howley, Project Manager, Department of Toxic Substances Control, comments dated August 1, 2024	
Specific or General Comments	**Response**
1. Executive Summary, page vii: In comparing the cancer risk of the Strontium-90 remedial goal (RG) to the regulatory risk management range, DTSC recommends also acknowledging that cancer risks are cumulative in nature, and including a comparison of the total risk of all radiological RGs to the regulatory point of departure, then noting that the Stronitum-90 RG is a portion of that total.	The following was added to the paragraph: It is noted that a cumulative cancer risk (potentially associated with all six radiological contaminants of potential concern [COPCs] at the site, including Sr-90) includes all six COPCs listed in the *Final Record of Decision for Parcel G, Hunters Point Shipyard, San Francisco, California* (Navy 2009), and that the cancer risk for Sr-90 (10^{-8}) is one portion/contributor to the overall cancer risk that has been calculated for the site. The estimated risk for Sr-90 is lower than the EPA's regulatory point of departure (10^{-6}) by a factor of 100.
2. Executive Summary, Project Timeline Overview: DTSC recommends modifying language in the timeline to say "potential exceedances" or "unverified exceedances" to avoid confusion, as the Tech Memo concludes that the results from the related analytical methods were unsound.	The technical memorandum was revised throughout to clarify the initial exceedances were potential exceedances.
3. Section 2.4: This section and its subsections are intended to introduce terminology used throughout the Tech Memo, but they do not consistently define introduced terms. DTSC suggests adding definitions of Type II error, clarifying the definition of Minimum Detectable Concentration, and adding a definition of "sigma" as it relates to uncertainty.	Section 2.4 was revised to include discussion on Type I and II errors, minimum detectable concentration, and sigma.
4. Section 3.1.1, Results: Given the nature of the radiological rework program and ongoing litigation, DTSC recommends removing or caveating references to results reported by Tetra Tech EC. DTSC also recommends clarifying the last sentence of this section, which states "Under this Parcel G project, there are 16 sample results exceeding the Parcel G Sr-90 RG," to state that these reported exceedances were from an unreliable analytical method.	The following footnote was added to the technical memorandum: [1] It is recognized that this Tetra Tech EC, Inc. reference document may include falsified information and Tetra Tech EC, Inc.'s radiological work at HPNS is the subject of ongoing litigation. This reference is included as one of the lines of evidence that indicated the strontium sample results were not expected based on previous information. Section 3 of the technical memorandum reports the strontium results and analytical method reliability has not been introduced yet in the document. Reliability is discussed in later sections of the technical memorandum. The last sentence of the paragraph was revised as follows: "Under this Parcel G project, there are 16 sample results potentially exceeding the Parcel G Sr 90 RG from TU 77 and four sample results potentially exceeding the Parcel G Sr 90 RG from TU 103 (Table 2)."
5. Tables: Members of the public have requested that the Navy provide the raw data of Strontium samples results, which is included in these tables. DTSC	The Navy will make the data available to the public in an electronic pdf format, which is consistent with standard Navy practices. The Navy does

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Comments by: Michael Howley, Project Manager, Department of Toxic Substances Control, comments dated August 1, 2024	
strongly encourages the Navy to make these tables available in spreadsheet form for the benefit of the public.	not provide native source files to the public, including Word, CAD, and Excel files.

Response to Comments on the *Revised Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, Dated June 2024*, DCN: APTM-0006-5065-0126	
Comments by: Ryan Casey, P.E., Administrative Engineer, City of San Francisco Department of Public Health, comments dated August 1,2024	
Specific or General Comments	**Response**
6. Section 2.3 History of Strontium Analytics at Hunters Point Naval Shipyard: Revise this section to include that Strontium-89 (Sr-89) is also a product of nuclear fission. Include additional discussion related to the "unlikelihood" of Strontium-85 (Sr-85) and Sr-89 being present at the Shipyard.	Section 2.3 was revised as follows: "Sr-85 is typically used in medicine and biology research, and Sr-89 <u>is a product of nuclear fission and</u> is used in medical cancer treatments." "Historically at HPNS, the Navy analyzed 10 percent of soil samples for TBS, which includes the strontium isotopes (Sr-85, Sr-89, Sr-90), due to the unlikelihood of Sr-85 or Sr-89 to be present <u>(because of their very short half-lives)</u> and the laboratory variability that can occur when attempting to remove strontium isotopes from a soil sample."
7. Section 6.1, Summary: Revise the last paragraph on page 6-2 as follows – "TBS analysis using the Eichrom method includes isotopic Sr-90, is a simpler process…" The original text is difficult to understand within the context of the paragraph.	The text currently includes the recommended language, therefore, no revisions are necessary.

Responses to Comments on the *Draft Technical Memorandum: Strontium Analysis Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California,* December 2022: APTM-0006-5065-0098	
Comments by: Dr. Terry Han, Senior Health Physicist, Emergency, Restoration & Waste Management Section, Environmental Management Branch (EMB), California Department of Public Health (CDPH), comments dated February 2, 2023	
Comment	**Response**
1. General Comment. The rework project in various parcels at Hunters Point Naval Shipyard is being operated by different contractors. The analysis method of the same Radionuclide of Concern (ROC) may differ between parcels since the standard operating procedure of each subcontracted laboratory may vary. Please make sure that a standard method is used, guaranteeing a consistent quality of sample analysis results for the same ROC across multiple parcels.	The Department of the Navy (Navy) will ensure a standard method is used for total beta strontium to guarantee consistent quality of sample analysis results across Hunters Point Naval Shipyard (HPNS).
2. Section 3.0 "Strontium Analytical Methods and Results, Page 3-2: "Sr-90 results using the Eichrom method, SOP Revision 9" In a technical meeting on January 11th, 2023, the Navy shared that the validation study was performed using SOP-RC-058 Revision 10 while Parcel G soil samples were measured by SOP-RC-058 Rev 9. Please clarify the difference between Rev 9 and Rev 10, as well as the reason behind the revision.	In Revision 10, the laboratory revised the standard operating procedure to clarify the process for standardizing the strontium carrier. There were no changes that altered the chemistry in Revision 10.
3. Section 3.1.1 "Results", Page 3-2: "A total of 788 Sr-90 analyses and 234 total beta strontium analyses were performed by EPA Method 905; this total includes field duplicates and sample replicates (Table 2)." The total beta Sr data collected with EPA method 905 was shared with the regulators for the first time in this technical memorandum.	The Navy responded to regulatory agency data requests throughout the project as detailed in Technical Memorandum Table 1. Specifically, total beta strontium data analyzed using EPA Method 905 was first shared with the regulatory agencies starting in August 2021, with the submittal of the TU 79 and TU 124 memoranda.
4. Section 3.1.2 "Additional Aliquots", Page 3-4: "There was one detection of total beta strontium in sample HPPG-F-089 over the RG; however, this detection was not confirmed with the follow-up isotopic Sr-90 analysis." Please provide explanation on why this total beta Sr result (HPPG-F-089) is not being considered an exceedance.	The total beta strontium result for Sample ID HPPG-F-089 is not considered an exceedance because the result was not confirmed with the isotopic Sr-90 analysis. HPPG-F-089 is a duplicate sample of HPPG-ESU-TU097C-001. Six sample aliquots were analyzed from this sample location: the original sample, the field duplicate sample, and four additional aliquots from the field duplicate. The Sr-90 and total beta results were not reproducible. Based on the findings provided in the technical memorandum, the EPA Method 905 dataset was determined to not be reliable based on the random nature of exceedances, irreproducible sample results, and high total propagated uncertainty (TPU) and decision level concentration (DLC).
5. Section 3.1.2 "Additional Aliquots", Page 3-4: "The high uncertainty in the isotopic Sr-90 analysis indicates a potential for bias and error at the decision level." Please describe possible reason of this "high uncertainty."	TPU is a combination of the count uncertainty with other random and systematic uncertainties associated with each specific method. Such random and systematic uncertainties may include the uncertainty

Responses to Comments on the *Draft Technical Memorandum: Strontium Analysis Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California,* December 2022: APTM-0006-5065-0098	
Comments by: Dr. Terry Han, Senior Health Physicist, Emergency, Restoration & Waste Management Section, Environmental Management Branch (EMB), California Department of Public Health (CDPH), comments dated February 2, 2023	
	related to the counting efficiency (calibration), volume measurement (aliquotting), chemical/tracer yield, and others. These are propagated into the overall uncertainty. Some additional components that increase uncertainty for Sr-90 by EPA Method 905 is the small sample size (1 gram), and the use of two carrier recoveries which affect the final uncertainty. Please also refer to Attachment 5, Response to EPA Comment #7.
6. Section 3.1.3 "Laboratory Quality Control Samples", Page 3-4: "Method blank samples consist of deionized water and do not contain radionuclides. Method blank detection may indicate potential bias and/or interference in the analytical method". Please explain any possible sources and/or mechanisms of interferences for method blank samples.	The laboratory does not have a specific explanation for this particular method blank issue. However, potential sources for a method blank sample detection may include (but not necessarily limited to): • Reagents other than the DI water used in the method (for example acids, carriers, etc). • Possible incorporation/adsorption of radon from the air into the sample during latter precipitation steps. • Potential of the detector background to be elevated slightly during the actual sample count (compared to the long background subtraction used for the calculation). These potential sources cause interference at lower detection/action levels and do not impact decisions at higher decision levels. At low decision concentrations, these interferences have a bigger impact on project decisions. Please also refer to the response to EPA Comment 8.
7. Section 3.2.1 "Strontium-90 Results", Page 3-6: "The Eichrom method Sr-90 exceedances did not correlate with results from previous Sr-90 or total beta strontium analyses using EPA Method 905." In Table 2 soil samples from 7 locations yield elevated Sr-90 results both by EPA Method 905 and Eichrom methods. Please explain this observation.	Please see Attachment 1 for response.
8. Section 3.2.1 "Strontium-90 Results", Page 3-6: "The laboratory identified the Y-90 ingrowth step as the source for Pb-210/Bi-210 growing back into the Sr-90 fraction of the analysis." Please clarify if statement "Y-90	The Eichrom column resin is well characterized by the manufacturer (See manufacturer's website: https://www.eichrom.com/eichrom/products/sr-resin/) and lead (Pb) has higher retention on this resin than Sr under the load/rinse conditions. Thus, it is not surprising to observe Bi-210 ingrowth

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Comments by: Dr. Terry Han, Senior Health Physicist, Emergency, Restoration & Waste Management Section, Environmental Management Branch (EMB), California Department of Public Health (CDPH), comments dated February 2, 2023	
ingrowth step as the source for Pb-210/Bi-210" is based on proof of the presence of Pb/Bi by analytical chemical laboratory method.	when Pb-210 (which is a daughter of Ra-226) is present in the sample. Historically, laboratories initially used this resin product for Pb-210 analysis. While investigating the possibility of Pb-210/Bi-210 interference for Parcel G samples using the Eichrom column, the laboratory ran an internal study of several soil samples of known and unknown Ra-226 content containing various activities of Ra-226. The soil samples included: • TRM-2 and NRM-4 (both DOE Grand Junction reference materials), • NIST SRM 4353 ("Rocky Flats Soil"), and • MaS34 and MaS38 (both MAPEP soil samples, one of which was used for the base of the Eichrom method validation study). All of the reference materials except SRM 4353 (which contains a current Sr-90 activity of about 0.1 pCi/g) are not expected to contain Sr-90. TRM-2 (25.4 pCi/g) and NRM-4 (12.2 pCi/g) contained the highest known Ra-226 amount. The other three samples contained lower Ra-226 concentrations (expected to be in the 1-2 pCi/g range). In the internal study, the laboratory analyzed these samples for Sr-90 following SOP Revision 8 (Eichrom method). The laboratory's internal study showed that these samples, which do not contain Sr-90, exhibited a significant high bias (measured 14.8 pCi/g Sr-90 equivalent in the TRM-2) when analyzed for Sr-90 using the now-outdated SOP Revision 8 preparation that allowed Pb-210 to remain on the cartridge (from which allowed Bi-210 to ingrow). The internal study showed the more Ra-226 present in the sample, the higher the Sr-90 interference observed in the analysis. The laboratory discussed these results with the Navy and regulatory agencies in a meeting on March 17, 2022.
CDPH Follow-up Comment to Response (dated April 4, 2023): "The internal study showed the more Ra-226 present in the sample, the higher the Sr-90 interference observed in the analysis".	The internal study was not (and was not intended to be) a formal study. It was performed by the laboratory to gain more information about the high bias in the Sr-90 results. The correlation between Ra-226 and Sr-

Responses to Comments on the *Draft Technical Memorandum: Strontium Analysis Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California,* December 2022: APTM-0006-5065-0098	
Comments by: Dr. Terry Han, Senior Health Physicist, Emergency, Restoration & Waste Management Section, Environmental Management Branch (EMB), California Department of Public Health (CDPH), comments dated February 2, 2023	
Please share the detailed results of the laboratory's internal study discussing the correlation between Ra-226 and Sr-90 concentration.	90 concentrations were observed by the laboratory's senior technical manager, which are described above in this comment response. Please see Attachment 6 for a preliminary draft laboratory summary table.
9. **Section 3.2.1 "Strontium-90 Results", Page 3-6:** "Although lower DLCs and TPUs were achieved using the Eichrom method for Sr-90, a high bias due to the presence of Pb-210/Bi-210 was observed. The 950 Sr-90 results analyzed using the Eichrom method are not valid due to the interference." The interference of Pb-210/Bi-210 with strontium is a well-known problem during chemical separations. Many experimental steps have been proposed in the literature (i.e., EPA 402-R-14-011) to eliminate the possibility of interference. Please explain the reason why the lab was not able to resolve the Pb-210/Bi-210 interference problem.	As stated on Page 3-7 of the Technical Memorandum, "To address the high bias due to interferents in Sr-90 Eichrom method analysis, the laboratory revised the Eichrom method SOP to include an additional rinse step to remove Bi-210 that may be present. The laboratory issued SOP Revision 9 to include the additional step. The Pb-210/Bi-210 interference, Sr-90 and total beta strontium results, and SOP Revision 9 were presented to the regulatory agencies in a meeting on March 17, 2022."
10. **Section 3.2.1 "Strontium-90 Results", Page 3-7:** "The results for these 49 samples are included in Table 2. The SOP Revision 9 Sr-90 results range from -0.0677 to 0.2210 pCi/g, below the Sr-90 RG. These results do not have a high bias due to Pb-210/Bi-210; however, a high bias is still observed compared to the total beta strontium results." The data presented in Table 2 shows that the total beta strontium and isotopic Sr-90 results for 49 samples were consistent and acceptable within the random nature of radioactivity with low DCL and TPU. Eichrom method Sr-90 results show no sign of Pb-210 interference. Sr-90 results range from -0.0677 to 0.2210 pCi/g, Total beta Sr results range from -0.0248 to 0.0890 pCi/g. Please explain how the Navy reached the conclusion that there is high bias for the Sr-90 measurements.	Total beta strontium includes the strontium isotopes Sr-85, Sr-89, and Sr-90. The total beta strontium result cannot be less than the Sr-90 result. If Sr-90 is higher than the total beta strontium results, there must be a high bias in the Sr-90 results. In addition, as demonstrated by the Sr-90 method validation study discussed in Section 4.2 of the technical memorandum, with SOP Revision 9, Sr-90 analysis using the Eichrom method exhibits a high method bias.
11. **Section 4.1 "Total Beta Strontium Method Validation Study Results", Page 4-2:** "Results of the t-test determined there is a relative bias in the matrix. Testing for relative bias provides information for reviewing project sample analytical results relative to the matrix used in the study and does not necessarily mean the project sample results will be biased." Please explain how the relative bias affect the conclusions of total beta strontium method validation study.	Testing for relative bias provides information for reviewing sample analytical results relative to the matrix used in the study. The matrix was certified Mixed Analyte Performance Evaluation Program (MAPEP) U.S. Department of Energy (DOE) soil (MAPEP 38) with no measured Sr-90. The total beta strontium method validation samples passed the acceptance criteria; therefore, the relative bias did not impact the conclusions.
12. **Section 4.2 "Strontium-90 Method Validation Study Results", Page 4-3:** "To account for the bias, the laboratory proposed a method blank population	The equation is provided in Appendix C, page C-6:

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correction to the results". Please provide applicable equation/s used and an example of this method blank correction.	$\text{Activity}_{\text{BPop}}$ = Activity – Method Blank Average Activity For practical purposes, the blank population (BPop) corrected activity concentration is the simple difference of the raw sample activity concentration minus the BPop value. However, for inclusion of this "interference" into the uncertainty and detection limit, the BPop value must be converted to counts equivalent (the number of net counts that would be equivalent to the BPop activity given the sample aliquot, decay factor, ingrowth factor, chemical yield, and count duration). This is performed within the laboratory calculation software, and the final corrected value is exported to TALS (the laboratory LIMS). This number of counts is stored in the C_{xt} field, and is included in the Level IV data package (seen in the "X Talk" field of the "Gas Flow Proportional Counter Analysis Detail Report"). Using lab sample 160-46757-16 (Spike Level 2-1) as an example, the number of "X Talk" counts is shown as 26.66 on page 107 of 945 of the Level IV report. To arrive at that, we can start with the BPop activity value of 0.0845, and convert to counts using the sample parameters found in the report, resulting in the counts of 26.66. From there, calculate as typical, plugging the 26.66 in as C_{xt} in all of the equations (activity, uncertainties, and detection limit). The equations are found in the laboratory Quality Assurance Manual. For the activity: $$Activity = \frac{\left(\frac{220}{200} - \frac{26.66}{200} - \frac{394}{1000}\right)}{0.9146 * 0.4472 * 0.9732 * 2.5 * 0.721} * 0.45045$$ This results in the reported activity of 0.36 pCi/g.
13. Section 4.2 "Strontium-90 Method Validation Study Results", Page 4-3: "To account for the bias, the laboratory proposed a method blank population correction to the results". Was any correction applied to the Total Beta Sr	No. The method blank population correction was only applied to the Sr-90 method validation study results.

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results? If yes, please provide applicable equation/s used and an example of the correction.	
14. Section 4.2 "Strontium-90 Method Validation Study Results", Page 4-3: "The matrix blank results were corrected using method blank population correction." Please provide applicable equation/s and an example of this matrix blank correction.	Please refer to the response for Comment 12.
15. Section 4.2 "Strontium-90 Method Validation Study Results", Page 4-3: "The matrix blank results were corrected using method blank population correction." Which Sr-90 results were corrected by this method blank population correction? How were the final Sr-90 results affected by this method blank population correction?	The method blank population correction was only applied to the Sr-90 method validation study results (matrix blank and spike samples). The correction was not applied to project sample results.
16. Table 2: Stronium-90 and Total Beta Strontium Results by EPA Method 905 and Eichrom Method, Page 1 of 85: Please explain if the result or conclusion would change if the soil sample results listed in Table 2 were measured by Eichrom Method Revision 10 instead of Revision 9.	There would be no changes to the values shown in Table 2. SOP Revision 10 only corrected the carrier standardization process description. The carrier issue occurred during the method validation analysis, which was performed after all Parcel G project samples were analyzed. No Parcel G project samples were impacted by the carrier standardization error.
17. Appendix B "Laboratory Analytical Results," Case Narrative, Page B-12: "This data package has been revised to update the expected strontium carrier value from 0.0092 g to 0.010 g." Please explain if there was any error for the carrier value for the Sr results obtained from Parcel G soil samples. If so, please explain the revision made on the Sr results.	No, only the method validation samples were impacted by the carrier value error and the corrected results were included in the technical memorandum reviewed by the regulatory agencies. Project samples from a separate project (not the Parcel G project) were affected, and the laboratory is issuing revised reports; however, that is not relevant to Parcel G samples.

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Comment	**Response**
The Navy should ensure that at least a portion of the data from each analysis undergo ANSI/ANS 41.5 or Multi-Agency Radiological Laboratory Analytical Protocols (MARLAP) based verification and validation. • Please provide the results of data verification and validation, including the qualifiers applied to the data by the verification and validation process. • Please extract and provide all quality control (QC) test results for modified EPA Method 905 and the Eichrom method from the analyses referenced in the Strontium TM. Note: Thank you for the QC results that the Navy already provided in multiple PDF documents. We request aggregated QC results for Sr-90 and total beta strontium. • Provide the validation plan that was used if it differs from the existing sampling and analysis plan and addenda to the sampling and analysis plan.	• The data validation process, including qualifiers, is described in the Project SAP (WS#34-36) and is performed by the third-party data validation subcontractor. The validation process is in progress and is not 100 percent complete. Table 2 provides laboratory data qualifiers and not the final data validation qualifiers. A revised Table 2, showing which samples have validation complete and validation qualifiers will be provided and included in the Final Technical Memorandum. • Quality control (QC) sample results for method blank (MB), laboratory control sample (LCS) and laboratory replicate (LR) are provided in a separate electronic file (Attachment 2). • The data validation process, including qualifiers, is described in the Project SAP (WS#34-36) and is performed by the third-party data validation subcontractor. The validation process is in progress and is not 100 percent complete.
The Navy should evaluate gamma spectroscopy measurements and provide proficiency test (PT) or blind QC samples. • Provide gamma spectroscopy measurements that show evidence of decay chain analytes that would cause the high bias the Navy identified during Eichrom analysis for Sr-90. • If the Navy's contract laboratory participated in the Department of Energy (DOE) Mixed Analyte Performance Evaluation Program (MAPEP) program, please provide existing PT results for strontium in soil for each method covering the last 5 years. • If there are no current PT results for specific methods, please conduct a blind QC study with spiked samples.	• The interference of Pb-210/Bi-210 with the Eichrom column is well documented by the manufacturer (see manufacturer's website: https://www.eichrom.com/eichrom/products/sr-resin/). Based on the Eichrom literature, the laboratory identified the SOP Revision 8 step which likely introduced the Pb-210/Bi-210 interference during the Y-ingrowth step. The laboratory confirmed the interference by analyzing multiple samples from the same aliquot for total beta strontium (see Table 2) and showing no detected total beta strontium (therefore, the original Sr-90 detections were due to interference). Please also see the response to CDPH Comment 8. Parcel G has 4,097 gamma spectroscopy results corresponding to Sr-90 using the Eichrom method. A total of 3,548 gamma spectroscopy results have detected concentrations of Ra-226 (which in the decay chain for Pb-210/Bi-210) with concentrations ranging from 0.08 to 1.0 pCi/g (the majority greater than 0.2 pCi/g). The presence of Ra-226 in the soil, consistent low-level detection of Sr-90 results using Eichrom

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	method SOP Revision 8, and the complete set of total beta strontium results, showing no results near the action limit are additional evidence of potential Pb-210/Bi-210 interference in the initial Sr-90 by Eichrom data set. • The Eurofins-TestAmerica ERA MRAD PT results from 2018 to 2022 are provided as Attachment 3 to these responses. MAPEP soil was used for the method validation studies only. • See Attachment 3 to these responses.
Additional Recommendations and Requests for the Navy's Laboratory. The laboratory should include carrier standardization documentation in routine data packages for this project and any project where Level 4 packages are requested.	Carrier standardization documentation will be included in future Level 4 reports.
<u>Preliminary Comments and January 11, 2023, Meeting</u>	
1. Appendix A of the Strontium TM included the Navy's responses to EPA's comments on the Method Validation Study for Total Beta Strontium Analysis by Eurofins-TestAmerica SOP No. ST-RC- 0058, Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography (Eichrom Method), dated September 20, 2022 (Method Validation Study). On January 6, 2023, after NAREL reviewed Appendix A, EPA provided the Navy with a list of questions and requested a meeting between the Navy's laboratory contractor and NAREL's expert reviewers. The Navy accommodated the request and hosted a meeting on January 11, 2023. State experts also participated in the discussions. EPA found the meeting productive, and it was helpful for the Navy's contract laboratory to answer our preliminary questions. We appreciated that the laboratory had taken some corrective actions to prevent future recurrence of the carrier preparation error. We learned that the error with the carrier did affect some sample results, but the laboratory was issuing revised data packages to supersede the data that had been affected by the carrier error. Following the meeting, the Navy provided written responses to EPA's list of questions. The responses are included as Enclosure B to this letter.	The Navy appreciates the EPA and State experts participating in productive meetings, and looks forward to continued communication in the future. For clarification, only the method validation samples were impacted by the carrier value error and the corrected results were included in the technical memorandum reviewed by the regulatory agencies. Project samples from a separate project (not the Parcel G project) were affected, and the laboratory is issuing revised reports; however, that is not relevant to Parcel G samples.
<u>Corrective Actions:</u>	

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2. The Navy also provided the Project HPNS-Parcel E 500712/501158, Corrective Action Response, dated December 22, 2022 (Corrective Action Memo). The Corrective Action Memo documents actions the Navy's contract laboratory took to address the error in the standardization of the strontium carrier that negatively impacted the data in the subject strontium validation study as well as some sample results from the Hunters Point Naval Shipyard Superfund Site (HPNS). EPA agrees it was appropriate to update the standard operating procedure (SOP) on December 15, 2022, to reflect the correct procedure to standardize the carrier tracer and train the analyst. We also strongly agree with the corrective action that was taken that requires the Technical Manager to approve any changes in SOPs before they are implemented. EPA has one request for clarification and a suggested corrective action. The Corrective Action Memo states that the corrective actions were applied to the soil from HPNS, and it references data that were not provided to the agencies as attachments to the memorandum. Since the Corrective Action Memo title specifies the corrective actions apply to Parcel E, please clarify whether the errors with the carrier affected data from Parcels E and G, and whether the reported corrective actions apply to the analyses performed for Parcel G. Please consider the additional recommended corrective action: • The laboratory should include carrier standardization documentation in routine data packages for this project and any project where Level 4 packages are requested. This standardization information is required to confirm reported activity concentration calculations during internal and external reviews of the data.	For the Parcel G project, only the method validation samples were impacted by the carrier value error and the corrected results were included in the technical memorandum reviewed by the regulatory agencies. The error occurred during the method validation sample analysis, which was performed after all Parcel G project samples had already been analyzed. The Corrective Action Response, while titled "Parcel E," applies to all samples analyzed by the Eichrom method under the SOP. Carrier standardization documentation will be included in future Level 4 reports.
<u>Strontium TM Review</u>	
3. General Comment; global. EPA reviewed the draft comments from the Environmental Management Branch of the California Department of Public Health (CDPH). CDPH raised several issues and asked for explanations that EPA intended to raise and request. While we did not duplicate those	The Navy appreciates the EPA's effort to review the technical memorandum and CDPH comments on the subject document.

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comments in this letter, we support the CDPH comments, and we request a copy of the Navy's responses.	
4. General Comment; global. The report consistently uses passive voice about the approval of field change requests (for example, Section 3.2.2). The language should be revised globally to clarify that the Navy's contract laboratory generated the field change requests and the Navy accepted them. The field change requests were typically not provided to EPA and state regulators until after the changes were implemented, if at all. In the future, regulators should be provided field change requests and allowed to approve or disapprove them. Please revise the text throughout the Strontium TM to specify the changes that were approved by the Navy without advance notice to the regulators.	The Navy's contractor generates field change requests (FCR) to address clarifications or minor changes to project plans. When FCRs are related to the laboratory, the Navy's contractor coordinates with the subcontracted laboratory; the laboratory is not directly contracted by the Navy and therefore, the laboratory does not generate Navy FCRs or other Navy project plans. The Navy submits FCRs to the regulatory agencies for review after Navy approval. FCR-006 was submitted to the regulatory agencies for review in September 2021 (see Technical Memorandum Table 1). For both FCR-006 and FCR-007, several meetings were held between the Navy and the regulatory agencies to update the regulatory agencies on the status and content of the FCRs (see Technical Memorandum Table 1). The agencies submitted written comments on the procedures outlined in the FCRs, and the Navy provided responses. Agency comments on FCR-007 initiated the method validation studies for total beta strontium and Sr-90. The text was revised throughout to state FCRs were approved by the Navy.
5. General comment; Quality Control (QC) Sample Results. The Strontium TM does not contain the results of laboratory batch QC samples in the tables. Throughout the report, the Navy cites QC problems and uncertainties as the basis to dismiss data. In most instances when a method is performing poorly this is reflected in the QC sample results as well as in other parameters, such as recoveries and uncertainties. EPA is particularly interested in the results of batch Laboratory Control Samples (LCS) and matrix spike samples (MS). Please provide all QC sample results and quality control charts associated with the analyses performed on HPNS soil samples for Strontium-90 (Sr-90) or total beta strontium, using either EPA Method 905 or the Eichrom method.	QC sample results for MB, LCS and LR are provided in a separate electronic file (Attachment 2). Laboratory control charts are provided in Attachment 4

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6. General comment; Independent Verification and Validation. EPA recommends that at least a portion of the sample results from each method undergo verification and validation by an independent party as documented by Level 4 data packages. The verification and validation methods should conform with the sampling and analysis plan or the addendum to the sampling and analysis plan. If the methods vary from those approved within the sampling and analysis plan or the addendum to the sampling and analysis plan, please consider using the ANSI/ANS-41.5 Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation. This would ensure that objective tests of the usability of the data are performed and documented, in the form of data qualifiers, before a decision is made about whether or not the data set or portions of the data set are reliable and should be used for site decisions.	The data validation process, including qualifiers, is described in the Project SAP (WS#34-36) and is performed by the third-party data validation subcontractor. The validation process is in progress and is not 100 percent complete. Table 2 provides laboratory data qualifiers and not the final data validation qualifiers. A revised Table 2, showing which samples have validation complete and validation qualifiers will be provided and included in the Final Technical Memorandum.
7. Total Propagated Uncertainty – Section 2.4.2. The last sentence of page 2-4 states, "Due to the low radiological RGs (remedial goals) at HPNS, the suggested TPU (total propagated uncertainty) ranges are not always achievable due to practical laboratory limitations." The report states that the reason for this is, "Uncertainty, like DLC (decision level concentration) …" However, the contributing factors to the uncertainties are unclear, and there is no discussion of how the laboratory addressed the uncertainty. Potential uncertainties may include count time and/or low recovery. Increasing the count time may minimize the uncertainty. Please update the text of Section 2.4.2 to explain the contributing factors to the uncertainties the laboratory identified. Please also describe actions the laboratory took to minimize the uncertainty and whether longer count times could lower the TPU sufficiently to meet project decision requirements.	Potential contributing factors to uncertainty may include (but not necessarily limited to): • Reagents other than the DI water used in the method (for example acids, carriers, etc). • Possible incorporation/adsorption of radon from the air into the sample during latter precipitation steps. • Potential of the detector background to be elevated slightly during the actual sample count (compared to the long background subtraction used for the calculation). Section 2.4.2 was revised to include the above list along with a discussion on the calculation of TPU. Revised text also discusses whether longer count times could lower the TPU. See Attachment 5 for further TPU text.
8. Additional Aliquots – Section 3.1.2. The first sentence of Section 3.1.2 seems to indicate that the basis for analyzing four additional aliquots from a subset of samples was that the Sr-90 results exceeded the RG. The report indicates that at least one of the samples that was re-analyzed met QC criteria. Typically, this type of reanalysis is recommended if there was some	The Navy requested the laboratory analyze additional aliquots because the sample results did not make sense. The first exceedance was a TU 79 systematic sample. The second exceedance was TU 124 systematic sample HPPG-ESU124A-021. This TU 124 sample had a Sr-90 result of 0.451 pCi/g (TPU of 0.200 pCi/g and DLC of 0.130 pCi/g). The

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objective indication that a problem had occurred during the measurement process, and sometimes would require the reanalysis of an entire sample batch. For example, reanalysis might be triggered by: QC failures like an LCS or duplicate result that exceeded established controls, instrumentation problems which occurred during the counting of the sample, very low-level tracer recovery which may indicate a matrix interference problem for that sample, poor spectra, or concerns about sample homogeneity. Please update this section to document the objective criteria that were the basis for the reanalysis.	laboratory replicate (LR) sample was analyzed from this TU 124 sample and had a result of 0.09907 pCi/g, an order of magnitude below the TU 124 systematic sample and Sr-90 action level. The relative error ratio (RER) for this sample is 0.91 and passes the control limit of less than 1.0; however, this control limit calculation is not based the action level, which is very low. The third Sr-90 exceedance was from TU 77, which was entirely backfilled with clean fill from a sampled offsite source. Evaluating reproducibility is important to produce reliable, usable data for project decisions. True detections should be reproducible. Samples analyzed in quadruplicate were analyzed for both Total Beta Sr and Sr-90 by 905. More discrepancies and inconsistent results were observed in quadruplicate analysis with the 905 method. The Navy, in consultation with the laboratory, determined an improved method should be evaluated. This was communicated to the regulatory agencies and public throughout the project. The Navy non-selectively re-analyzed 100% of the project samples by Total Beta Sr (Eichrom). This method is known to produce low TPU and DLC and is not prone to interference. High TPUs were discussed with the agencies when reviewing the Sr-90 sample results. The EPA Method 905 Sr-90 results had TPUs as much as three times higher than the historical HPNS results, including the more recent HPNS Background Study. While the sample results passed QC criteria, the TPUs and DLCs were determined to be high compared to the relatively low Sr-90 action level. Section 3.1.2 was revised as follows: "In late January 2021, the Navy requested the laboratory analyze four additional aliquots from each sample with elevated Sr-90 results to determine if the Sr-90 result was reproducible. <u>The Navy analyzed additional aliquots because the exceedances were unexpected and did not make sense. In the first few elevated sample results, exceedances were detected in the project sample (HPPG-ESU-124A-021) but not the laboratory replicate sample (HPPG-ESU-TU124A-021LR), and</u>

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	exceedances were detected in TUs that were entirely backfilled with clean, sampled fill imported from an offsite source."
9. EPA Method 905 and Associated Data – Sections 3.1, 3.1.1 and 3.1.2. Section 3.1.2 ends with "The quadruplicate results indicate EPA Method 905 is not reliable or reproducible at very low decision levels. The high uncertainty in the isotopic Sr-90 analysis indicated a potential for bias and error at the decision level." As noted in Section 3.1, EPA Method 905 was developed and validated for the analysis of drinking water samples. It is also noted in the same section that the laboratory modified the method for soil analysis. EPA presumes that the modified method 905 was validated using spiked material with activity both above and below the RG prior to the 788 Sr-90 analyses and 234 total beta strontium analyses being performed on soil samples from HPNS. • Were any issues of high uncertainty or lack of reproducible results encountered during the method validation study that was conducted before the HPNS soil was analyzed? • Was the modified method 905 used to analyze for Sr-90 on soil samples from other sites and were similar problems encountered?	• A MARLAP type validation study was not conducted for EPA Method 905 using spiked material with activity both above and below the RG prior Parcel G sample analysis. • The laboratory routinely uses Modified EPA Method 905 (laboratory SOP ST-RC-0050) for soil samples. The standard laboratory requested limit for Sr-90 by EPA Method 905 in soil is 1.0 pCi/g, and at 1.0 pC/g the relative uncertainty is not typically an issue. The problems encountered at Parcel G are unique due to the low Sr-90 action level.
10. Eichrom Method and Associated Data – Sections 3.2 and 3.2.1. Section 3.2.1 states "The 950 Sr-90 results analyzed using the Eichrom method are not valid due to the interference." This section provides a plausible rationale for Pb-210/Bi-210 being the interferent; however, a cursory review of the laboratory radiological data packages provided for Parcel G didn't seem to support a correlation between Pb-210 and elevated Sr-90 results. Therefore, EPA requests additional information to establish that the bias from Pb-210/Bi-210 is the principal component of what the Navy interprets as bias to Sr-90 results. EPA agrees that the total strontium method is more straightforward and less complex than the Sr-90 method, and appears to meet site decision needs; however, EPA believes that a high level of transparency regarding common method performance quality control will better enable stakeholder acceptance of the multiple laboratory method changes and method	• The interference of Pb-210/Bi-210 with the Eichrom column is well documented by the manufacturer (see manufacturer's website: https://www.eichrom.com/eichrom/products/sr-resin). Based on the Eichrom literature, the laboratory identified the SOP Revision 8 step which likely introduced the Pb-210/Bi-210 interference during the Y-ingrowth step. The laboratory confirmed the interference by analyzing multiple samples from the same aliquot for total beta strontium (see Table 2) and showing no detected total beta strontium (therefore, the original Sr-90 detections were due to interference). Parcel G has 4,097 gamma spectroscopy results corresponding to Sr-90 by Eichrom; a total of 3,548 gamma spectroscopy results have detected concentrations of Ra-226 (which in the decay chain for Pb-210/Bi-210) with concentrations ranging from 0.08 to 1.0 pCi/g (the

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challenges. Therefore, EPA recommends that some additional performance information be provided: • The Navy should review the corresponding gamma spectroscopy measurements for evidence of decay chain analytes that would yield Pb-210. If the review supports the Navy's hypothesis, please update the text of the Strontium TM with the supporting information. • If the Navy's contract laboratory analyzed any proficiency test (PT) soil samples spiked with strontium, like the PT samples sent out through the Department of Energy (DOE) Mixed Analyte Performance Evaluation Program (MAPEP), EPA would like to review the results of those analyses. It would be beneficial to review the PT soil sample results from all four analytical methods used in this report. Since the Navy wishes to demonstrate the reliability of the total strontium Eichrom method, those PT results would be particularly beneficial. • If current PT results are not available for each method, the laboratory should analyze single blind samples of soil spiked with an activity concentration of Sr-90 unknown to the laboratory as a check on the performance of the method(s).	majority greater than 0.2 pCi/g). The presence of Ra-226 in the soil, and consistent low-level detection of Sr-90 results using Eichrom method SOP Revision 8, and the complete set of total beta strontium results, showing no results near the action limit are additional evidence of potential Pb-210/Bi-210 interference in the initial Sr-90 by Eichrom data set. • The Eurofins-TestAmerica ERA MRAD PT results are provided as Attachment 3 to these responses. MAPEP soil was used for the method validation studies only. • See Attachment 3 to these responses.
11. Table 1: Project Timeline for Strontium Analysis. The timeline does not seem to include EPA's engagement with the Navy on the strontium issues. Please update Table 1 to document EPA's engagement.	The timeline will be updated to include EPA engagement.
12. Tables 2, 4, 5, and 6: Results Presented by Method. The data summarized in Tables 2, 4, 5, and 6 reportedly underwent third party data validation. During data validation, the validator reviews the QC tests associated with each sample batch and flags data with data qualifiers. For instance, results that are estimated are flagged with a "J" and results that should be rejected are flagged with an "R". The data qualifiers are based on objective criteria and tests. Although the Navy provided validated data for this report, the summary tables do not present any data flagged for rejection. Please update the text of the report to state whether the third-party data validation subcontractor qualified any data for rejection based on objective criteria and tests.	The data validation process, including qualifiers, is described in the Project SAP and is performed by the third-party validation company. The validation process is in progress and is not 100 percent complete *Answer to this: For instance, results that are estimated are flagged with a "J" and results that should be rejected are flagged with an "R".* Discussions were held with the third-party data validator regarding the high bias associated with Sr-90 using the Eichrom method. The data validator also participated in discussions with the Navy and laboratory to fully understand the issue. Based on the data validator's radiological experts' input, the third-party data validator decided that Sr-90 using the Eichrom method would be

Responses to Comments on the *Draft Technical Memorandum: Strontium Analysis Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California*, December 2022: APTM-0006-5065-0098, Supplemental Documents, and Laboratory Corrective Actions	
Comments by: Lynn Bailey, Federal Facility Cleanup Project Manager, Superfund and Emergency Management Division, U.S. Environmental Protection Agency (EPA), comments dated February 3, 2023	
	qualified J+, estimated with a potential high bias, unless accompanying laboratory QC deficiencies warranted R-qualification (rejecting the data). Even with a high bias J+ qualification, the vast majority of Sr-90 by Eichrom results are below the project Sr-90 action limit (0.331), and the results were confirmed with total beta strontium analysis (to also be below action limit). If the J+ result is less than the project action limit, this data can still be used "estimated" for project decisions. If the J+ result is over the project action limit or combined with TPU over the Project AL, then the bias <u>does</u> affect project decisions, the result will be rejected (R) The Rejection decision for 905 will be discussed in the Data Usability Assessment presented in the Final Removal Action Completion Report. There is no data qualification specified in the project SAP for TPU or DLC. These factors will be evaluated into the sensitivity and data usability discussion. The Navy will use MARLAP guidance for target TPUs and DLCs as discussed in the Tech Memo Sections 2.4.1 and 2.4.2.

<u>Attachments:</u>

Attachment 1 – Response to CDPH Comment 7.
Attachment 2 – Laboratory Quality Control Data
Attachment 3 – Eurofins-TestAmerica ERA MRAD PT Results from 2018 to 2022
Attachment 4 – Laboratory Control Charts
Attachment 5 – Response to EPA Comment 7
Attachment 6 – Preliminary Draft Summary Table from Eichrom Sr-90/Bi-210 Test, March 2022

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Attachment 1 – Response to CDPH Comment #7

Further clarification provided by CDPH during the Navy/Agency meeting on February 22, 2023. "*The 7 samples where Sr-90 exceedances were detected by both methods. Eichrom method Sr-90 results were obtained with lower DLCs and TPUs. These Sr-90 exceedances, measured by both methods from the same locations, show strong correlations. These 7 locations appear suspicious due to Sr-90 detections above RG by both methods. TM states that* "The 950 Sr-90 results analyzed using the Eichrom method are not valid due to the interference."

If the both methods are not applicable to Sr-90 analysis due to interferences, please explain why only some of the samples exceeds RG and not all of them."

Response: For Sr-90 by Eichrom the interference was consistent and identified as systematic bias caused by specific cartridge retention of Pb-210. The data did not look normal for radiochemistry with 997 detections (out of 1017) all hovering around 0.2 – 0.3 pCi/g. Very low consistent detections, hovering around the action limit from on-site and off-site soil sources is not normal or expected. The consistent detections caused the Navy to question the laboratory about possible interference. The analytical results from Sr-90 Eichrom will be rejected due to this known bias.

The EPA Method 905 detections were random in nature and more indicative of normal fluctuations in radiochemistry methods. However, the high TPUs and DLCs for this method make decisions at the action limit difficult. The EPA Method 905 is not sensitive enough to make a decision at the action limit 0.331 pCi/g. The 62 (out of 788) detections greater than 0.33 constitute 7.9% of the results, which fall around the expected 5% range. The analytical results from Sr-90 by 905 will be rejected for project decisions due to high DLC and TUP.

CDPH is comparing results from two analyses the TM is discussing as not valid, high bias, non-reproducible. Yes, the results are similar showing low-level interference in the analytical method, not reproducible confirmed presence of contamination. This is not a useful comparison to reach any conclusions.

	Page	Location	EPA Method 905 Sr-90 (pCi/g)	Sr-90 Eichrom Method (pCi/g)	Response
1	16/85	ESUTU069CB01	0.365		The original 905 detection of Sr-90 (0.365) was recounted by the lab and not confirmed by recount. This sample location was analyzed 19 times by 905 and Eichrom. The Sr-90 Eichrom results were proved to have a high bias and are not valid. Further, the one detection by Sr-90 Eichrom was not confirmed by Total B Sr (Eichrom). Nor was the detection reproducible by running the same method 905 or Eichrom multiple times. These two detections should be Rejected
	17/85	ESUTU069CB01		0.338	

	Page	Location	EPA Method 905 Sr-90 (pCi/g)	Sr-90 Eichrom Method (pCi/g)	Response
					for the reasons discussed in the Tech Memo. *Ra-226 in sample =0.45 pCi/g*
2	28/85	ESUTU077C21	0.335		The first 905 detection could not be recounted or confirmed by Total B due to lab circumstances. This sample location was analyzed 19 times. None one of these detections were confirmed by Total B Sr (905 or Eichrom) on the same aliquot. The Sr-90 Eichrom results were proved to have a high bias and are not valid. The results were not reproducible by running the same method. These two detections should be Rejected for the reasons discussed in the Tech Memo. *Ra-226 in sample =0.44 pCi/g*
	29/85	ESUTU077C21		0.393 0.377	
3	34/85	SFUTU077B11	0.461 0.701 0.504 0.340		These hits include the primary sample and Field Duplicate. This location had detections that could not be recounted or confirmed by Total B due to lab circumstances. It was reanalyzed and more detections came up in Sr-90 by 905, but none of these detections were confirmed by Total B Sr-905 on the exact same aliquot. The Sr-90 Eichrom results were proved to have a high bias and are not valid. *Ra-226 =0.42 and 0.48 pC/g;* *Pb-210 = 1.2 and 2.1 pCi/g.*
	35/85	SFUTU077B11		0.336	
4	37/85	ESUTU079FB01	0.392 0.518		The first 905 detection (0.392) could not be recounted or confirmed by Total B due to lab circumstances. This sample location was analyzed 19 times using 905 and Eichrom. None of the other 3 detections were confirmed by Total B Sr (905 or Eichrom) using the same aliquot, nor were they reproducible by running the same method. The Sr-90 Eichrom results were proved to have a high bias and are not valid These detections should be Rejected for the reasons discussed in the Tech Memo. Ra-226 in sample =0.37 pCi/g
	38/85	ESUTU079FB01		0.352 0.380	
5	52/85	ESUTU0~~79~~97CB02	1.02		These are different samples. The original 905 detection of Sr-90 (1.02) was recounted by the lab and not confirmed by recount. The sample with the initial 1.02 pCi/g detection for Sr-90 (905) was analyzed 19 times. Sr was not detected in any subsequent analysis (905 or Eichrom). The Sr-90 Eichrom results were proved to have a high bias and are not valid. Ra-226 in sample =0.16 pCi/g
	53/85	ESUTU0~~79~~97CB~~02~~01		0.346	
6	43/85	ESUTU079GB03	0.418		The first detection could not be recounted or confirmed by Total B due to lab circumstances. This sample location was re-analyzed 19 times by 905 and Eichrom. The Sr-90 Eichrom results were proved to have a high bias and are not valid. The
	41/85	ESUTU079GB03		0.394	

	Page	Location	EPA Method 905 Sr-90 (pCi/g)	Sr-90 Eichrom Method (pCi/g)	Response
					one detection by Sr-90 Eichrom was not confirmed by Total B Sr (Eichrom). Nor was the detection reproducible by running the same method 905 or Eichrom multiple times. These two detections should be Rejected for the reasons discussed in the Tech Memo. Ra-226 in sample =0.59 pCi/g
7	43/85 37/85	ESUTU079FB01	0.392 0.518		Same sample # as above. The Sr-90 Eichrom results were proved to have a high bias and are not valid.
	38/85	ESUTU079FB01		0.352 0.380	

CDPH Follow-up Comments on Response (dated April 4, 2023):

1. RTC Attachment 1 – Response to CDPH Comment #7:

"The 905 method is not sensitive enough to make a decision at the action limit 0.331 pCi/g. The 62 (out of 1017) detections greater than 0.33 constitute 6.1% of the results, which fall into the expected 5% range."

Table 3 in Technical Memorandum shows that 788 samples were analyzed with EPA 905 method and Table 2 indicates 62 exceedances. The 62 out of 788 detections greater than 0.33 constitute 7.9% of the results. Please provide explanation on the derivation of 6.1%.

Response:

There are 788 sample results for Sr-90 using the EPA Method 905 and 1,017 sample results for Sr-90 using the Eichrom method. The sentence was corrected to state "62 (out of 788) detections….constitute 7.9% of the results."

2. RTC Attachment 1 – Response to CDPH Comment #7:

"The 905 method is not sensitive enough to make a decision at the action limit 0.331 pCi/g. The 62 (out of 1017) detections greater than 0.33 constitute 6.1% of the results, which fall into the expected 5% range."

Why should expect "5% range" from the method 905 measurement? Please provide any reference, explanation, or calculation for this expectation.

Response:

Five percent is the expected error that the laboratory will report a positive result in an analyte-free sample.

Section 2.4.1 of the Technical Memorandum defines the DLC as follows:

“DLC is the minimum concentration at which activity is detected in a sample and there is a 5 percent probability of reporting false positives in a sample with no activity (Type I error). The Type I error is typically established as 5 percent.”

From the project Sampling and Analysis Plan Worksheet #37:

“The DLC is an estimate of the smallest true activity (or activity concentration) of an analyte in a sample that ensures a 95 percent probability of detection, give a detection criterion that ensures on a 5 percent probability of detection in an analyte-free sample. The DLCs are contractually specified minimum detection limits for specific analytical methods and sample matrices.”

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007851	pCi/g	LR	SO	12/10/2021	U	U	N	0.0279	0.0279	0.0279	0.0231	pCi/g	YES	TRG	160442821	N	342537	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM										160-559927				0.03826	0.35			1
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007851	pCi/g	LR	SO	12/10/2021	U	U	N	0.0279	0.0279	0.0279	0.0231	pCi/g	YES	TRG	160442821	N	342537	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM										160-559927	0.0100	0.008400	83.7					1
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007851	pCi/g	LR	SO	12/10/2021	U	U	N	0.0279	0.0279	0.0279	0.0231	pCi/g	YES	TRG	160442821	N	342537	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM	160-560429				0.00826	0.35		1										
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007851	pCi/g	LR	SO	12/10/2021	U	U	N	0.0279	0.0279	0.0279	0.0231	pCi/g	YES	TRG	160442821	N	342537	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM	160-560429	0.0100	0.008400	83.7			40	110										
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM										160-545573				0.290	0.23			1
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM										160-545573	0.00254	0.002300	100			40	110	
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM										160-545573	0.0100	0.008400	83.7			40	110	
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM	160-562522				0.290	0.23		1										
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM	160-562522	0.00254	0.002300	100			40	110										
PARCEL G	317364365SU221	HPPG-317364365-SU21-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2539	pCi/g	LR	SO	12/10/2021			N	0.0622	0.0622	0.0622	0.0775	pCi/g	YES	TRG	160442821	Y	342537	2/7/2022 12:45:00 PM	2/25/2022 5:20:00 PM	160-562522	0.0100	0.008400	83.7			40	110										
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-537574	0.381	0.26	0															
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-537574	0.2268	0.02520	94.2			40	110										
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-537574	0.0882	0.05770	65.4			40	110										
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176				0.381	0.26			1
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176	0.0268	0.02520	94.2			40	110	
PARCEL G	317364365SU231	HPPG-317364365-SU23-011LR	905	10099-97-2	Strontium-90	0.2553	pCi/g	LR	SO	10/04/2021	U	U	N	0.270	0.270	0.270	0.255	pCi/g	YES	TRG	1604360011	N	389613	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176	0.0882	0.05770	65.4			40	110	
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM	160-546037	0.0870	0.03	0															
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM	160-546037	0.0268	0.01470	92.3			40	110										
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM	160-546037	0.0890	0.06860	77.1			40	110										
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM										160-537299				0.0870	0.03			1
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM										160-537299	0.0268	0.02470	92.3			40	110	
PARCEL G	317364365SU27401	HPPG-317364365-SU274-001LR	905	10099-97-2	Strontium-90	0.08793	pCi/g	LR	SO	11/11/2021	U	U	N	0.206	0.206	0.206	0.187	pCi/g	YES	TRG	1604359591	N	306699	11/18/2021 10:56:00 AM	1/12/2022 5:30:00 PM										160-537299	0.0890	0.06860	77.1			40	110	
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02221	pCi/g	LR	SO	10/21/2020	U	U	N	0.0285	0.0285	0.0285	0.0268	pCi/g	YES	TRG	1604609311	N	343332	2/1/2022 11:32:00 AM	9/2/2022 4:38:00 PM										160-562581				0.0231	0.02			1
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02221	pCi/g	LR	SO	10/21/2020	U	U	N	0.0285	0.0285	0.0285	0.0268	pCi/g	YES	TRG	1604609311	N	343332	2/1/2022 11:32:00 AM	9/2/2022 4:38:00 PM										160-562581	0.00936	0.007400	79.1			40	110	
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02221	pCi/g	LR	SO	10/21/2020	U	U	N	0.0285	0.0285	0.0285	0.0268	pCi/g	YES	TRG	1604609311	N	343332	2/1/2022 11:32:00 AM	9/2/2022 4:38:00 PM	160-563255	0.0231	0.02	0															
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02221	pCi/g	LR	SO	10/21/2020	U	U	N	0.0285	0.0285	0.0285	0.0268	pCi/g	YES	TRG	1604609311	N	343332	2/1/2022 11:32:00 AM	9/2/2022 4:38:00 PM	160-563255	0.00936	0.007400	79.1			40	110										
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2520	pCi/g	LR	SO	10/21/2020			N	0.0594	0.0594	0.0594	0.0765	pCi/g	YES	TRG	1604609311	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM	160-562149	0.286	0.21	0															
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2520	pCi/g	LR	SO	10/21/2020			N	0.0594	0.0594	0.0594	0.0765	pCi/g	YES	TRG	1604609311	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM	160-562149	0.00936	0.007400	79.1			40	110										
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2520	pCi/g	LR	SO	10/21/2020			N	0.0594	0.0594	0.0594	0.0765	pCi/g	YES	TRG	1604609311	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022				0.286	0.21			1
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2520	pCi/g	LR	SO	10/21/2020			N	0.0594	0.0594	0.0594	0.0765	pCi/g	YES	TRG	1604609311	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022	0.00991	0.0090600	100			40	110	
PARCEL G	317364365SU28401	HPPG-317364365-SU284-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2520	pCi/g	LR	SO	10/21/2020			N	0.0594	0.0594	0.0594	0.0765	pCi/g	YES	TRG	1604609311	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022	0.00936	0.007400	79.1			40	110	
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01313	pCi/g	LR	SO	11/12/2021	U	U	N	0.0271	0.0271	0.0271	0.0218	pCi/g	YES	TRG	1604299321	N	333472	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM	160-558730	0.0316	0.97	0															
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01313	pCi/g	LR	SO	11/12/2021	U	U	N	0.0271	0.0271	0.0271	0.0218	pCi/g	YES	TRG	1604299321	N	333472	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM	160-558730	0.00949	0.007700	81.1			40	110										
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01313	pCi/g	LR	SO	11/12/2021	U	U	N	0.0271	0.0271	0.0271	0.0218	pCi/g	YES	TRG	1604299321	N	333472	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM										160-558557				0.0316	0.97			1
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01313	pCi/g	LR	SO	11/12/2021	U	U	N	0.0271	0.0271	0.0271	0.0218	pCi/g	YES	TRG	1604299321	N	333472	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM										160-558557	0.00949	0.007700	81.1			40	110	
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM	160-563104	0.182	0.54	0															
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM	160-563104	0.00559	0.003500	100			40	110										
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM	160-563104	0.00549	0.007700	81.1			40	110										
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM										160-549977				0.182	0.54			1
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM										160-549977	0.00359	0.003500	100			40	110	
PARCEL G	31SA15U021	HPPG-31SA-SU40-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.2624	pCi/g	LR	SO	11/12/2021			N	0.0590	0.0590	0.0590	0.0770	pCi/g	YES	TRG	1604299321	Y	333472	2/11/2022 12:55:00 AM	3/2/2022 4:41:00 PM										160-549977	0.00949	0.007700	81.1			40	110	
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM	160-545821	-0.307	0.53	0															
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM	160-545821	0.0268	0.02460	92.0			40	110										
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM	160-545821	0.0890	0.07400	83.1			40	110										
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM										160-537525				-0.307	0.53			1
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM										160-537525	0.0268	0.02460	92.0			40	110	
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	-0.1158	pCi/g	LR	SO	11/15/2021	U	U	N	0.224	0.224	0.224	0.181	pCi/g	YES	TRG	1604097511	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:25:00 PM										160-537525	0.0890	0.07400	83.1			40	110	
PARCEL G	31SA15UC021	HPPG-31SA-SUC0-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006469	pCi/g	LR	SO	11/17/2021	U	U	N	0.0281	0.0281	0.0281	0.0249	pCi/g	NO	TRG	1604404021	N	354296	5/5/2022 11:42:00 AM	9/27/2022 1:37:00 PM	160-567632	-0.0108	0.35	0															
PARCEL G	31SA15UC021	HPPG-31SA-SUC0-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006469	pCi/g	LR	SO	11/17/2021	U	U	N	0.0281	0.0281	0.0281	0.0249	pCi/g	NO	TRG	1604404021	N	354296	5/5/2022 11:42:00 AM	9/27/2022 1:37:00 PM	160-567632	0.0138	0.008200	76.0			40	110										
PARCEL G	31SA15UC021	HPPG-31SA-SUC0-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006469	pCi/g	LR	SO	11/17/2021	U	U	N	0.0281	0.0281	0.0281	0.0249	pCi/g	NO	TRG	1604404021	N	354296	5/5/2022 11:42:00 AM	9/27/2022 1:37:00 PM										160-563889				-0.0108	0.35			1
PARCEL G	31SA15UC021	HPPG-31SA-SUC0-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006469	pCi/g	LR	SO	11/17/2021	U	U	N	0.0281	0.0281	0.0281	0.0249	pCi/g	NO	TRG	1604404021	N	354296	5/5/2022 11:42:00 AM	9/27/2022 1:37:00 PM										160-563889	0.0138	0.008200	76.0			40	110	
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	0.1753	pCi/g	LR	SO	11/22/2021	U	U	N	0.207	0.207	0.207	0.268	pCi/g	YES	TRG	1604389661	N	303416	11/8/2021 10:20:00 AM	1/11/2022 5:27:00 PM										160-535411				0.103	0.16			1
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	0.1753	pCi/g	LR	SO	11/22/2021	U	U	N	0.207	0.207	0.207	0.268	pCi/g	YES	TRG	1604389661	N	303416	11/8/2021 10:20:00 AM	1/11/2022 5:27:00 PM	160-545821	0.103	0.16	0															
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	0.1753	pCi/g	LR	SO	11/22/2021	U	U	N	0.207	0.207	0.207	0.268	pCi/g	YES	TRG	1604389661	N	303416	11/8/2021 10:20:00 AM	1/11/2022 5:27:00 PM	160-545821	0.0268	0.02340	87.5			40	110										
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	0.1753	pCi/g	LR	SO	11/22/2021	U	U	N	0.207	0.207	0.207	0.268	pCi/g	YES	TRG	1604389661	N	303416	11/8/2021 10:20:00 AM	1/11/2022 5:27:00 PM	160-545821	0.0912	0.06010	65.9			40	110										
PARCEL G	31SA15U801	HPPG-31SA-SU80-001LR	905	10099-97-2	Strontium-90	0.1753	pCi/g	LR	SO	11/22/2021	U	U	N	0.207	0.207	0.207	0.268	pCi/g	YES	TRG	1604389661	N	303416	11/8/2021 10:20:00 AM	1/11/2022 5:27:00 PM										160-535411				0.103	0.16			1
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM	160-546054	-0.276	0.96	0															
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM	160-546054	0.0268	0.02170	81.1			40	110										
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM	160-546054	0.0888	0.07410	83.4			40	110										
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM										160-546232				-0.276	0.96			1
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM										160-546232	0.0268	0.02170	81.1			40	110	
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	905	10099-97-2	Strontium-90	0.1887	pCi/g	LR	SO	11/22/2021	U	U	N	0.233	0.233	0.233	0.210	pCi/g	YES	TRG	1604389664	N	303416	11/10/2021 1:15:00 PM	1/25/2022 5:06:00 PM										160-546232	0.0888	0.07410	83.4			40	110	
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01126	pCi/g	LR	SO	11/22/2021	U	U	N	0.0268	0.0268	0.0268	0.0251	pCi/g	YES	TRG	1604389664	N	345604	2/7/2022 2:15:00 PM	4/27/2022 7:51:00 AM										160-562001				0.0142	0.13			1
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01126	pCi/g	LR	SO	11/22/2021	U	U	N	0.0268	0.0268	0.0268	0.0251	pCi/g	YES	TRG	1604389664	N	345604	2/7/2022 2:15:00 PM	4/27/2022 7:51:00 AM										160-562001	0.0093	0.008200	87.7			40	110	
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01126	pCi/g	LR	SO	11/22/2021	U	U	N	0.0268	0.0268	0.0268	0.0251	pCi/g	YES	TRG	1604389664	N	345604	2/7/2022 2:15:00 PM	4/27/2022 7:51:00 AM	160-562410	0.0142	0.13	0															
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01126	pCi/g	LR	SO	11/22/2021	U	U	N	0.0268	0.0268	0.0268	0.0251	pCi/g	YES	TRG	1604389664	N	345604	2/7/2022 2:15:00 PM	4/27/2022 7:51:00 AM	160-562410	0.00935	0.008200	87.7			40	110										
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	10099-97-2	Strontium-90	0.1359	pCi/g	LR	SO	11/22/2021			N	0.0548	0.0548	0.0548	0.0612	pCi/g	YES	TRG	1604389664	Y	345604	2/7/2022 2:15:00 PM	2/25/2022 6:54:00 PM										160-549582				0.0925	0.35			1
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	10099-97-2	Strontium-90	0.1359	pCi/g	LR	SO	11/22/2021			N	0.0548	0.0548	0.0548	0.0612	pCi/g	YES	TRG	1604389664	Y	345604	2/7/2022 2:15:00 PM	2/25/2022 6:54:00 PM										160-549582	0.0285	0.02800	100			40	110	
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	10099-97-2	Strontium-90	0.1359	pCi/g	LR	SO	11/22/2021			N	0.0548	0.0548	0.0548	0.0612	pCi/g	YES	TRG	1604389664	Y	345604	2/7/2022 2:15:00 PM	2/25/2022 6:54:00 PM										160-549582	0.00935	0.008200	87.7			40	110	
PARCEL G	31SA15U804	HPPG-31SA-SU80-004LR	ST-RC-0058	10099-97-2

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	ESUT\0608B01	HPPG-ESU-TU0608-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1504	pCi/g	LR	SO	06/30/2021			N	0.0731	0.0731	0.0731	0.0774	pCi/g	YES	TRG	1604263121	Y	344587	1/6/2022 10:08:00 PM	1/26/2022 8:41:00 PM									160-545179	0.000961	0.000900	100			40	110	
PARCEL G	ESUT\0608D02	HPPG-ESU-TU0608-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1504	pCi/g	LR	SO	06/30/2021			N	0.0731	0.0731	0.0731	0.0774	pCi/g	YES	TRG	1604263121	Y	344587	1/6/2022 10:08:00 PM	1/26/2022 8:41:00 PM									160-545179	0.00936	0.096600	70.5			40	110	
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM									160-531590				0.0920	0.36			1
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM									160-531590	0.0268	0.02360	88.2			40	110	
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM									160-531590	0.0884	0.1175	133			40	110	
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM	160-534666				0.0920	0.36			1									
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM	160-534666	0.0268	0.02360	88.2		40	110										
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	10099-97-2	Strontium-90	-0.02587	pCi/g	LR	SO	08/23/2021	U	U	N	0.208	0.208	0.208	0.176	pCi/g	YES	TRG	1604308061	N	315606	10/13/2021 12:33:00 PM	11/2/2021 7:01:00 PM	160-534666	0.0884	0.1175	133		40	110										
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	7440-24-6	Total Beta Strontium	0.07410	pCi/g	LR	SO	08/23/2021			N	0.0666	0.0666	0.0666	0.0651	pCi/g	YES	TRG	1604308061	Y	315606	11/15/2021 10:30:00 AM	12/8/2021 9:54:00 AM									160-536647				0.124	0.37			1
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	7440-24-6	Total Beta Strontium	0.07410	pCi/g	LR	SO	08/23/2021			N	0.0666	0.0666	0.0666	0.0651	pCi/g	YES	TRG	1604308061	Y	315606	11/15/2021 10:30:00 AM	12/8/2021 9:54:00 AM									160-536647	0.0882	0.07560	85.7			40	110	
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	7440-24-6	Total Beta Strontium	0.07410	pCi/g	LR	SO	08/23/2021			N	0.0666	0.0666	0.0666	0.0651	pCi/g	YES	TRG	1604308061	Y	315606	11/15/2021 10:30:00 AM	12/8/2021 9:54:00 AM	160-540883				0.124	0.37			1									
PARCEL G	ESUT\0608C802	HPPG-ESU-TU0608C-8-002-ALR	905	7440-24-6	Total Beta Strontium	0.07410	pCi/g	LR	SO	08/23/2021			N	0.0666	0.0666	0.0666	0.0651	pCi/g	YES	TRG	1604308061	Y	315606	11/15/2021 10:30:00 AM	12/8/2021 9:54:00 AM	160-540883	0.0882	0.07560	85.7		40	110										
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02570	pCi/g	LR	SO	07/22/2021			N	0.0248	0.0248	0.0248	0.0242	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	4/6/2022 7:43:00 AM	160-558730				-0.00256	0.60			1									
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02570	pCi/g	LR	SO	07/22/2021			N	0.0248	0.0248	0.0248	0.0242	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	4/6/2022 7:43:00 AM	160-558730	0.00963	0.008200	85.2		40	110										
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02570	pCi/g	LR	SO	07/22/2021			N	0.0248	0.0248	0.0248	0.0242	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	4/6/2022 7:43:00 AM	160-558554				-0.00256	0.60			1									
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02570	pCi/g	LR	SO	07/22/2021			N	0.0248	0.0248	0.0248	0.0242	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	4/6/2022 7:43:00 AM	160-558554	0.00963	0.008200	85.2		40	110										
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM	160-551191				0.166	0.08			1									
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM	160-551191	0.00253	0.003400	100		40	110										
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM	160-551191	0.00963	0.008200	85.2		40	110										
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM									160-548420				0.166	0.08			1
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM									160-548420	0.00253	0.002400	100			40	110	
PARCEL G	ESUT\0608E01	HPPG-ESU-TU0608I-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1543	pCi/g	LR	SO	07/22/2021			N	0.0719	0.0719	0.0719	0.0775	pCi/g	YES	TRG	1604286061	Y	334241	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM									160-548420	0.00963	0.008200	85.2		40	110	
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009429	pCi/g	LR	SO	08/20/2021	U	U	N	0.0327	0.0327	0.0327	0.0290	pCi/g	YES	TRG	1604319392	N	334320	1/31/2022 1:14:00 PM	4/15/2022 12:20:00 PM	160-560482				-0.0344	0.72			1									
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009429	pCi/g	LR	SO	08/20/2021	U	U	N	0.0327	0.0327	0.0327	0.0290	pCi/g	YES	TRG	1604319392	N	334320	1/31/2022 1:14:00 PM	4/15/2022 12:20:00 PM	160-560482	0.00976	0.006800	69.7		40	110										
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009429	pCi/g	LR	SO	08/20/2021	U	U	N	0.0327	0.0327	0.0327	0.0290	pCi/g	YES	TRG	1604319392	N	334320	1/31/2022 1:14:00 PM	4/15/2022 12:20:00 PM									160-559830				-0.0344	0.72			1
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009429	pCi/g	LR	SO	08/20/2021	U	U	N	0.0327	0.0327	0.0327	0.0290	pCi/g	YES	TRG	1604319392	N	334320	1/31/2022 1:14:00 PM	4/15/2022 12:20:00 PM									160-559830	0.00976	0.006800	69.7			40	110	
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM									160-548961				0.142	0.65			1
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM									160-548961	0.00136	0.001200	100			40	110	
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM									160-548961	0.00976	0.006800	69.7			40	110	
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM	160-551062			0.142	0.65			1									
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM	160-551062	0.00136	0.001200	100		40	110										
PARCEL G	ESUT\0608E803	HPPG-ESU-TU0608E-8-003-R	ST-RC-0058	10099-97-2	Strontium-90	0.2626	pCi/g	LR	SO	08/20/2021			N	0.0737	0.0737	0.0737	0.0887	pCi/g	YES	TRG	1604319392	Y	334320	1/31/2022 1:14:00 PM	2/17/2022 9:29:00 PM	160-551062	0.00976	0.006800	69.7		40	110										
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM	160-522400				0.0255	0.32			1									
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM	160-522400	0.0336	0.03130	93.2		40	110										
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM	160-522400	0.0869	0.06820	78.6		40	110										
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM									160-520878				0.0255	0.32			1
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM									160-520878	0.0336	0.03130	93.2			40	110	
PARCEL G	ESUT\0708C01	HPPG-ESU-TU0708C-001-R	905	10099-97-2	Strontium-90	0.1374	pCi/g	LR	SO	07/19/2021			N	0.128	0.128	0.128	0.171	pCi/g	YES	TRG	1604279561	Y	177577	8/2/2021 9:44:00 AM	8/12/2021 3:04:00 PM									160-520878	0.0869	0.06820	78.6			40	110	
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM					0.208	0.95			1									
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM	160-528872	0.0268	0.02300	86.0		40	110										
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM	160-528872	0.0870	0.07150	82.2		40	110										
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525950				0.208	0.95			1
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525950	0.0268	0.02300	86.0			40	110	
PARCEL G	ESUT\0708D02	HPPG-ESU-TU0708D-8-002-R	905	10099-97-2	Strontium-90	-0.1836	pCi/g	LR	SO	08/23/2021	U	U	N	0.183	0.183	0.183	0.206	pCi/g	YES	TRG	1604317311	N	194008	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525950	0.0870	0.07150	82.2			40	110	
PARCEL G	ESUT\0708TA01	HPPG-ESU-TU0708TA-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02112	pCi/g	LR	SO	11/11/2020	U	U	N	0.0280	0.0280	0.0280	0.0260	pCi/g	YES	TRG	1604042231	N	353637	5/4/2022 8:41:00 PM	5/23/2022 8:30:00 PM									160-563746				0.0274	0.56			1
PARCEL G	ESUT\0708TA01	HPPG-ESU-TU0708TA-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02112	pCi/g	LR	SO	11/11/2020	U	U	N	0.0280	0.0280	0.0280	0.0260	pCi/g	YES	TRG	1604042231	N	353637	5/4/2022 8:41:00 PM	5/23/2022 8:30:00 PM									160-563746	0.0108	0.00870	80.9			40	110	
PARCEL G	ESUT\0708TA01	HPPG-ESU-TU0708TA-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02112	pCi/g	LR	SO	11/11/2020	U	U	N	0.0280	0.0280	0.0280	0.0260	pCi/g	YES	TRG	1604042231	N	353637	5/4/2022 8:41:00 PM	5/23/2022 8:30:00 PM	160-566897				-0.00724	0.56			1									
PARCEL G	ESUT\0708TA01	HPPG-ESU-TU0708TA-001-R	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02112	pCi/g	LR	SO	11/11/2020	U	U	N	0.0280	0.0280	0.0280	0.0260	pCi/g	YES	TRG	1604042231	N	353637	5/4/2022 8:41:00 PM	5/23/2022 8:30:00 PM	160-566897	0.0108	0.00870	80.9		40	110										
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM									160-535613				0.210	0.10			1
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-535614	0.00190	0.001900	100		40	110										
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM									160-535613	0.00920	0.008700	94.6			40	110	
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-535614	0.0190	0.01900	100		40	110										
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-535614	0.00920	0.008700	94.6		40	110										
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM									160-535613				0.210	0.10			1
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-535614	0.00190	0.001900	100		40	110										
PARCEL G	ESUT\0708T801	HPPG-ESU-TU0708T8-001-R	ST-RC-0058	10099-97-2	Strontium-90	0.1978	pCi/g	LR	SO	12/01/2020			N	0.0415	0.0415	0.0415	0.0576	pCi/g	YES	TRG	1604083561	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-535614	0.00920	0.008700	94.6		40	110										
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083861	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM	160-462430				-0.0157	0.47			1									
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083861	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM	160-462430	0.0268	0.02520	94.2		40	110										
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083561	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM	160-462430	0.0756	0.07620	101		40	110										
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083561	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM									160-462430				-0.0157	0.47			1
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083561	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM									160-462430	0.0268	0.02520	94.2			40	110	
PARCEL G	ESUT\0708T8B01	HPPG-ESU-TU0708T8-001-R	905	10099-97-2	Strontium-90	0.1127	pCi/g	LR	SO	12/02/2020			N	0.0999	0.0999	0.0999	0.134	pCi/g	NO	TRG	1604083561	Y	132434	12/9/2020 4:42:00 PM	12/18/2020 8:20:00 PM	160-462430	0.0756	0.07620	101		40	110										
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	7440-24-6	Total Beta Strontium	0.1642	pCi/g	LR	SO	06/15/2021			N	0.0799	0.0799	0.0799	0.0837	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 5:56:00 PM	10/29/2021 9:01:00 AM	160-534290				0.0461	0.75			1									
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	7440-24-6	Total Beta Strontium	0.1642	pCi/g	LR	SO	06/15/2021			N	0.0799	0.0799	0.0799	0.0837	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 5:56:00 PM	10/29/2021 9:01:00 AM	160-534290	0.0876	0.07310	83.4		40	110										
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	7440-24-6	Total Beta Strontium	0.1642	pCi/g	LR	SO	06/15/2021			N	0.0799	0.0799	0.0799	0.0837	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 5:56:00 PM	10/29/2021 9:01:00 AM									160-530593				0.0461	0.75			1
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	7440-24-6	Total Beta Strontium	0.1642	pCi/g	LR	SO	06/15/2021			N	0.0799	0.0799	0.0799	0.0837	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 5:56:00 PM	10/29/2021 9:01:00 AM	160-534290	0.0876	0.07310	83.4		40	110										
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	10099-97-2	Strontium-90	0.3425	pCi/g	LR	SO	06/15/2021			N	0.208	0.208	0.208	0.210	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 11:49:00 AM	10/19/2021 2:32:00 PM									160-530426				0.432	0.19			1
PARCEL G	ESUT\0707C01	HPPG-ESU-TU0707C-001-ALR	905	10099-97-2	Strontium-90	0.3425	pCi/g	LR	SO	06/15/2021			N	0.208	0.208	0.208	0.210	pCi/g	YES	TRG	1604319591	Y	289487	10/8/2021 11:49:00 AM	10/19/2021 2:32:00 PM									160-530426	0.0268	0.02540	95.0			40

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	N	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760				-0.0318	0.17			1										
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	Y	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760	0.0268	0.02380	89.0			40	110											
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	N	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760	0.0888	0.05120	57.7			40	110											
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	N	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-546018				-0.0318	0.17			1
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	N	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-546018	0.0268	0.02380	89.0			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	10039-97-2	Strontium-90	0.03418	pCi/g	LR	SO	08/26/2021	U	U	N	0.263	0.263	0.263	0.230	pCi/g	YES	TRG	1604360714	N	308164	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-546018	0.0888	0.05120	57.7			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	7440-24-6	Total Beta Strontium	-0.05830	pCi/g	LR	SO	08/26/2021	U	U	N	0.0534	0.0534	0.0534	0.0589	pCi/g	YES	TRG	1604360714	N	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM	160-541091				0.0131	0.54			1										
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	7440-24-6	Total Beta Strontium	-0.05830	pCi/g	LR	SO	08/26/2021	U	U	N	0.0534	0.0534	0.0534	0.0589	pCi/g	YES	TRG	1604360714	Y	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM	160-541091	0.0882	0.07270	82.4			40	110											
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	7440-24-6	Total Beta Strontium	-0.05830	pCi/g	LR	SO	08/26/2021	U	U	N	0.0534	0.0534	0.0534	0.0589	pCi/g	YES	TRG	1604360714	N	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM										160-538408				0.0131	0.54			1
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-BLR	905	7440-24-6	Total Beta Strontium	-0.05830	pCi/g	LR	SO	08/26/2021	U	U	N	0.0534	0.0534	0.0534	0.0589	pCi/g	YES	TRG	1604360714	Y	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM										160-538408	0.0882	0.07270	82.4			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.04316	pCi/g	LR	SO	08/26/2021	U	U	N	0.192	0.192	0.192	0.238	pCi/g	No	TRG	1604324441	N	302014	9/9/2021 10:41:00 AM	9/29/2021 12:27:00 PM	160-526466					0.257	0.46			1	160-526078				0.257	0.46			1
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.04316	pCi/g	LR	SO	08/26/2021	U	U	N	0.192	0.192	0.192	0.238	pCi/g	No	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/29/2021 12:27:00 PM					0.257	0.46			1										
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	N	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143					0.360	0.13			1	160-526078				0.360	0.13			1
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM										160-526078	0.0268	0.02560	95.7			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	N	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143					0.360	0.13			1	160-526078	0.0876	0.07030	85.3			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM										160-526078	0.0268	0.02560	95.7			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143	0.0876	0.07030	80.3			40	110											
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM										160-526078	0.0876	0.07030	85.3			40	110	
PARCEL G	ESUT1079CB02	HPPG-ESU-TU07BC-B-002-LR	905	10039-97-2	Strontium-90	0.4162	pCi/g	LR	SO	08/26/2021	U	U	N	0.135	0.135	0.135	0.207	pCi/g	YES	TRG	1604324441	Y	302014	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM																	

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	ESUT104C21	HPPG-ESU-TU104C-021LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.02072	pCi/g	LR	SO	09/24/2021	U	U	N	0.0240	0.0240	0.0240	0.0226	pCi/g	NO	TRG	1804350921	N	365870	25/2/2022 3:59:00 PM	4/5/2022 4:38:00 PM										160-558489	0.00935	0.009300	99.5				40	110	
PARCEL G	ESUT104C21	HPPG-ESU-TU104C-021LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0072	pCi/g	LR	SO	09/24/2021	U	U	N	0.0240	0.0240	0.0240	0.0226	pCi/g	NO	TRG	1804350921	N	365870	25/2/2022 3:59:00 PM	4/5/2022 4:38:00 PM										160-558489				0.00200	0.41				1
PARCEL G	ESUT104C21	HPPG-ESU-TU104C-021LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0072	pCi/g	LR	SO	09/24/2021	U	U	N	0.0240	0.0240	0.0240	0.0226	pCi/g	NO	TRG	1804350921	N	365870	25/2/2022 3:59:00 PM	4/5/2022 4:38:00 PM	160-558551				0.00200	0.41			1									
PARCEL G	ESUT104C21	HPPG-ESU-TU104C-021LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0072	pCi/g	LR	SO	09/24/2021	U	U	N	0.0240	0.0240	0.0240	0.0226	pCi/g	NO	TRG	1804350921	N	365870	25/2/2022 3:59:00 PM	4/5/2022 4:38:00 PM	160-558551	0.00935	0.009300	99.5	-0.00485	0.39	40	110										
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0210	pCi/g	LR	SO	09/28/2021	U	U	N	0.0266	0.0266	0.0266	0.0241	pCi/g	YES	TRG	1804352621	N	344244	21/12/2022 11:31:00 AM	5/5/2022 6:05:00 PM	160-563908																		
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0210	pCi/g	LR	SO	09/28/2021	U	U	N	0.0266	0.0266	0.0266	0.0241	pCi/g	YES	TRG	1804352621	N	344244	21/12/2022 11:31:00 AM	5/5/2022 6:05:00 PM	160-563908	0.00935	0.007500	80.2			40	110										
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0210	pCi/g	LR	SO	09/28/2021	U	U	N	0.0266	0.0266	0.0266	0.0241	pCi/g	YES	TRG	1804352621	N	344244	21/12/2022 11:31:00 AM	5/5/2022 6:05:00 PM										160-563695				-0.00485	0.39			1
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.0210	pCi/g	LR	SO	09/28/2021	U	U	N	0.0266	0.0266	0.0266	0.0241	pCi/g	YES	TRG	1804352621	N	344244	21/12/2022 11:31:00 AM	5/5/2022 6:05:00 PM										160-563695	0.00935	0.007500	80.2			40	110		
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM	160-553278	0.00315	0.002100	100			40	110										
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM	160-553278	0.00935	0.007500	80.2			40	110										
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM	160-553278				0.185	0.15			1									
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM										160-549996				0.185	0.15			1
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM										160-549996	0.00235	0.002100	100			40	110		
PARCEL G	ESUT104C801	HPPG-ESU-TU104C-B-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2063	pCi/g	LR	SO	09/28/2021			N	0.0603	0.0603	0.0603	0.0719	pCi/g	YES	TRG	1804352621	Y	344244	21/12/2022 11:31:00 AM	3/3/2022 6:52:00 PM										160-549996	0.00935	0.007500	80.2			40	110		
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM	160-530097				0.106	0.28			1									
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM	160-530097	0.0268	0.02660	99.4			40	110										
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM	160-530097	0.0881	0.06610	68.2			40	110										
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM										160-527616				0.106	0.28			1
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM										160-527616	0.0268	0.02660	99.4			40	110		
PARCEL G	ESUT103A01	HPPG-ESU-TU103A-001LR	905	10098-97-2	Strontium-90	0.2143	pCi/g	LR	SO	08/11/2021			N	0.148	0.148	0.148	0.201	pCi/g	YES	TRG	1804337311	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:20:00 PM										160-527616	0.0881	0.06610	68.2			40	110		
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01627	pCi/g	LR	SO	09/22/2021	U	U	N	0.0294	0.0294	0.0294	0.0269	pCi/g	YES	TRG	1804349691	N	336562	1/10/2022 2:56:00 PM	4/20/2022 8:09:00 AM	160-561270				0.0160	0.01	40	110										
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01627	pCi/g	LR	SO	09/22/2021	U	U	N	0.0294	0.0294	0.0294	0.0269	pCi/g	YES	TRG	1804349691	N	336562	1/10/2022 2:56:00 PM	4/20/2022 8:09:00 AM	160-561270	0.00961	0.007500	78.0			40	110										
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01627	pCi/g	LR	SO	09/22/2021	U	U	N	0.0294	0.0294	0.0294	0.0269	pCi/g	YES	TRG	1804349691	N	336562	1/10/2022 2:56:00 PM	4/20/2022 8:09:00 AM										160-561247				0.0160	0.01			1
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01627	pCi/g	LR	SO	09/22/2021	U	U	N	0.0294	0.0294	0.0294	0.0269	pCi/g	YES	TRG	1804349691	N	336562	1/10/2022 2:56:00 PM	4/20/2022 8:09:00 AM										160-561247	0.00961	0.007500	78.0			40	110		
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM	160-549020				0.154	0.45			1									
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM	160-549020	0.00381	0.003700	100			40	110										
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM	160-549020	0.00961	0.007500	78.0			40	110										
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM										160-545645				0.154	0.45			1
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM										160-545645	0.00381	0.003700	100			40	110		
PARCEL G	ESUT103H01	HPPG-ESU-TU103H-001LR	ST RC-0058	10098-97-2	Strontium-90	0.2182	pCi/g	LR	SO	09/22/2021			N	0.0617	0.0617	0.0617	0.0752	pCi/g	YES	TRG	1804349691	Y	336562	1/10/2022 2:56:00 PM	2/1/2022 4:41:00 PM										160-545645	0.00961	0.007500	78.0			40	110		
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM										160-533881				0.124	0.16			1
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM	160-535213	0.0268	0.02480	92.7			40	110										
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM	160-535213	0.0884	0.06760	76.5			40	110										
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM					0.124	0.16			1									
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM	160-535213	0.0268	0.02480	92.7			40	110										
PARCEL G	ESUT109B02	HPPG-ESU-TU109B-B-002LR	905	10098-97-2	Strontium-90	0.06624	pCi/g	LR	SO	09/24/2021	U	U	N	0.147	0.147	0.147	0.186	pCi/g	YES	TRG	1804355082	N	280894	19/27/2021 3:17:00 PM	11/5/2021 4:25:00 PM	160-535213	0.0884	0.06760	76.5			40	110										
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM	160-568304	0.0649	0.05	40	110														
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM	160-568304	0.00365	0.002400	100			40	110										
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM	160-568304	0.0100	0.006400	63.7			40	110										
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM										160-555453				0.0649	0.65			1
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM										160-555453	0.00365	0.002400	100			40	110		
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST-RC-0058-SOP Rev 9	10098-97-2	Strontium-90	0.02168	pCi/g	LR	SO	10/08/2021	U	U	N	0.0899	0.0899	0.0899	0.0751	pCi/g	YES	TRG	1804363601	N	325664	3/15/2022 1:09:00 PM	4/1/2022 4:28:00 PM										160-555453	0.0100	0.006400	63.7			40	110		
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01012	pCi/g	LR	SO	10/08/2021	U	U	N	0.0306	0.0306	0.0306	0.0275	pCi/g	NO	TRG	1804363601	N	362657	3/15/2022 1:09:00 PM	6/6/2022 9:15:00 AM	160-568747				0.0282	0.34			1									
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01012	pCi/g	LR	SO	10/08/2021	U	U	N	0.0306	0.0306	0.0306	0.0275	pCi/g	NO	TRG	1804363601	N	362657	3/15/2022 1:09:00 PM	6/6/2022 9:15:00 AM	160-568747	0.0100	0.006400	63.7			40	110										
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01012	pCi/g	LR	SO	10/08/2021	U	U	N	0.0306	0.0306	0.0306	0.0275	pCi/g	NO	TRG	1804363601	N	362657	3/15/2022 1:09:00 PM	6/6/2022 9:15:00 AM										160-568319				0.0282	0.34			1
PARCEL G	ESUT121A01	HPPG-ESU-TU121A-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.01012	pCi/g	LR	SO	10/08/2021	U	U	N	0.0306	0.0306	0.0306	0.0275	pCi/g	NO	TRG	1804363601	N	362657	3/15/2022 1:09:00 PM	6/6/2022 9:15:00 AM										160-568319	0.0100	0.006400	63.7			40	110		
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.03056	pCi/g	LR	SO	11/05/2021			N	0.0272	0.0272	0.0272	0.0265	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	4/29/2022 9:31:00 PM	160-561994				-0.00836	0.74	40	110										
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.03056	pCi/g	LR	SO	11/05/2021			N	0.0272	0.0272	0.0272	0.0265	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	4/29/2022 9:31:00 PM	160-561994	0.00933	0.007900	84.7			40	110										
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.03056	pCi/g	LR	SO	11/05/2021			N	0.0272	0.0272	0.0272	0.0265	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	4/29/2022 9:31:00 PM										160-561998				-0.00836	0.74			1
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	7440-24-6	Total Beta Strontium	0.03056	pCi/g	LR	SO	11/05/2021			N	0.0272	0.0272	0.0272	0.0265	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	4/29/2022 9:31:00 PM	160-561998	0.00933	0.007900	84.7			40	110										
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM										160-545585				0.240	0.49			1
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM										160-545585	0.00213	0.002100	100			40	110		
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM										160-545585	0.00933	0.007900	84.7			40	110		
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM	160-552533				0.240	0.49	40	110										
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM	160-552533	0.00213	0.002100	100			40	110										
PARCEL G	ESUT122C01	HPPG-ESU-TU122C-001LR	ST RC-0058	10098-97-2	Strontium-90	0.3300	pCi/g	LR	SO	11/05/2021			N	0.0691	0.0691	0.0691	0.0909	pCi/g	YES	TRG	1804388861	Y	338964	27/2/2022 2:27:00 PM	2/26/2022 11:53:00 AM	160-552533	0.00933	0.007900	84.7			40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 CLR	ST RC-0058	7440-24-6	Total Beta Strontium	0.02744	pCi/g	LR	SO	12/10/2020			N	0.0228	0.0228	0.0228	0.0227	pCi/g	NO	TRG	1804060030	Y	369695	6/10/2022 4:19:00 PM	6/30/2022 7:46:00 AM										160-565475	0.0105	0.009500	90.5			40	110		
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 CLR	ST RC-0058	7440-24-6	Total Beta Strontium	0.02744	pCi/g	LR	SO	12/10/2020			N	0.0228	0.0228	0.0228	0.0227	pCi/g	NO	TRG	1804060030	Y	369695	6/10/2022 4:19:00 PM	6/30/2022 7:46:00 AM										160-565475				0.00498	0.45			1
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 CLR	ST RC-0058	7440-24-6	Total Beta Strontium	0.02744	pCi/g	LR	SO	12/10/2020			N	0.0228	0.0228	0.0228	0.0227	pCi/g	NO	TRG	1804060030	Y	369695	6/10/2022 4:19:00 PM	6/30/2022 7:46:00 AM	160-572279				0.00498	0.45	40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 CLR	ST RC-0058	7440-24-6	Total Beta Strontium	0.02744	pCi/g	LR	SO	12/10/2020			N	0.0228	0.0228	0.0228	0.0227	pCi/g	NO	TRG	1804060030	Y	369695	6/10/2022 4:19:00 PM	6/30/2022 7:46:00 AM	160-572279	0.0105	0.009500	90.5			40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	10098-97-2	Strontium-90	0.01156	pCi/g	LR	SO	12/10/2020	U	U	N	0.141	0.141	0.141	0.172	pCi/g	YES	TRG	1804060021	N	145146	12/7/2021 6:16:00 PM	25/2/2021 5:15:00 PM	160-487944	0.0268	0.0243	90.8	0.0908	0.12	40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	10098-97-2	Strontium-90	0.01156	pCi/g	LR	SO	12/10/2020	U	U	N	0.141	0.141	0.141	0.172	pCi/g	YES	TRG	1804060021	N	145146	12/7/2021 6:16:00 PM	25/2/2021 5:15:00 PM	160-487944	0.0835	0.0716	85.7			40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	10098-97-2	Strontium-90	0.01156	pCi/g	LR	SO	12/10/2020	U	U	N	0.141	0.141	0.141	0.172	pCi/g	YES	TRG	1804060021	N	145146	12/7/2021 6:16:00 PM	25/2/2021 5:15:00 PM										160-496850				0.0908	0.12			1
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	10098-97-2	Strontium-90	0.01156	pCi/g	LR	SO	12/10/2020	U	U	N	0.141	0.141	0.141	0.172	pCi/g	YES	TRG	1804060021	N	145146	12/7/2021 6:16:00 PM	25/2/2021 5:15:00 PM										160-496850	0.0268	0.0243	90.8			40	110		
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	10098-97-2	Strontium-90	0.01156	pCi/g	LR	SO	12/10/2020	U	U	N	0.141	0.141	0.141	0.172	pCi/g	YES	TRG	1804060021	N	145146	12/7/2021 6:16:00 PM	25/2/2021 5:15:00 PM										160-496850	0.0835	0.0716	85.7			40	110		
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	7440-24-6	Total Beta Strontium	0.01895	pCi/g	LR	SO	12/10/2020			N	0.0471	0.0471	0.0471	0.0635	pCi/g	YES	TRG	1804060021	Y	145146	12/7/2021 6:49:00 PM	2/22/2021 10:38:00 AM										160-496890				0.0347	0.18			1
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	7440-24-6	Total Beta Strontium	0.01895	pCi/g	LR	SO	12/10/2020			N	0.0471	0.0471	0.0471	0.0635	pCi/g	YES	TRG	1804060021	Y	145146	12/7/2021 6:49:00 PM	2/22/2021 10:38:00 AM	160-499440				0.0347	0.18	40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124A-021 LR	905	7440-24-6	Total Beta Strontium	0.01895	pCi/g	LR	SO	12/10/2020			N	0.0471	0.0471	0.0471	0.0635	pCi/g	YES	TRG	1804060021	Y	145146	12/7/2021 6:49:00 PM	2/22/2021 10:38:00 AM	160-499440	0.0835	0.0716	85.7			40	110										
PARCEL G	ESUT124A21	HPPG-ESU-TU124

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM	160-553103				0.206	0.08			1									
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM	160-553103	0.00278	0.002700	100			40	110											
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM	160-553103	0.00948	0.007900	83.3			40	110											
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM										160-546990				0.206	0.08			1
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM										160-546990	0.00278	0.002700	100			40	110	
PARCEL G	SFUT070A11	HPFG-F-121JR	ST-RC-0058	10099-97-2	Strontium-90	0.2181	pCi/g	LR	SO	07/13/2021			N	0.0537	0.0537	0.0537	0.0693	pCi/g	YES	TRG	160427392	Y	344753	2/11/2022 1:19:00 AM	3/2/2022 9:00:00 PM										160-546990	0.00948	0.007900	83.3			40	110	
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM										160-520365				0.0414	0.69			1
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM										160-520365	0.0336	0.03090	92.0			40	110	
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM										160-520365	0.0869	0.07410	85.3			40	110	
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM	160-521634				0.0414	0.69			1									
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM	160-521634	0.0336	0.03090	92.0			40	110											
PARCEL G	SFUT077B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.2943	pCi/g	LR	SO	07/15/2021			N	0.138	0.138	0.138	0.197	pCi/g	YES	TRG	160427671	Y	176117	7/27/2021 2:30:00 PM	8/6/2021 3:42:00 PM	160-521634	0.0869	0.07410	85.3			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	7440-24-6	Total Beta Strontium	-0.004102	pCi/g	LR	SO	07/15/2021	U	U	N	0.104	0.104	0.104	0.0886	pCi/g	YES	TRG	160432065	N	289461	9/28/2021 11:15:00 AM	10/22/2021 7:06:00 AM										160-526146				-0.0611	0.35			1
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	7440-24-6	Total Beta Strontium	-0.004102	pCi/g	LR	SO	07/15/2021	U	U	N	0.104	0.104	0.104	0.0886	pCi/g	YES	TRG	160432065	N	289461	9/28/2021 11:15:00 AM	10/22/2021 7:06:00 AM										160-526146	0.0881	0.05660	64.2			40	110	
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	7440-24-6	Total Beta Strontium	-0.004102	pCi/g	LR	SO	07/15/2021	U	U	N	0.104	0.104	0.104	0.0886	pCi/g	YES	TRG	160432065	N	289461	9/28/2021 11:15:00 AM	10/22/2021 7:06:00 AM	160-531573				-0.0611	0.35			1									
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	7440-24-6	Total Beta Strontium	-0.004102	pCi/g	LR	SO	07/15/2021	U	U	N	0.104	0.104	0.104	0.0886	pCi/g	YES	TRG	160432065	N	289461	9/28/2021 11:15:00 AM	10/22/2021 7:06:00 AM	160-531573	0.0881	0.05660	64.2			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.4036	pCi/g	LR	SO	07/15/2021			N	0.385	0.385	0.385	0.378	pCi/g	No	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/19/2021 11:53:00 PM	160-530628				0.245	0.22			1									
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.4036	pCi/g	LR	SO	07/15/2021			N	0.385	0.385	0.385	0.378	pCi/g	No	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/19/2021 11:53:00 PM										160-529753				0.245	0.22			1
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM										160-529753				0.701	0.30			1
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM										160-529753	0.0288	0.02370	88.6			40	110	
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM										160-529753	0.0881	0.05660	64.2			40	110	
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM	160-530588				0.701	0.30			1									
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM	160-530588	0.0288	0.02370	88.6			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-ALR	905	10099-97-2	Strontium-90	0.5395	pCi/g	LR	SO	07/15/2021			N	0.296	0.296	0.296	0.303	pCi/g	YES	TRG	160432065	Y	289461	10/1/2021 4:26:00 PM	10/8/2021 8:47:00 PM	160-530588	0.0881	0.05660	64.2			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM	160-535165				-0.0118	0.05			1									
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM	160-535165	0.0268	0.02600	93.5			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM	160-535165	0.0884	0.1127	127			40	110											
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM										160-533461				-0.0118	0.05			1
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM										160-533461	0.0268	0.02500	93.5			40	110	
PARCEL G	SFUT077B11	HPFG-F-127-BLR	905	10099-97-2	Strontium-90	-0.01446	pCi/g	LR	SO	07/15/2021	U	U	N	0.158	0.158	0.158	0.133	pCi/g	YES	TRG	160432066	N	289461	10/25/2021 11:32:00 AM	11/4/2021 2:46:00 PM										160-533461	0.0884	0.1127	127			40	110	
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM	160-523838	0.0869	0.07480	86.1			40	110											
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM										160-521454				0.179	0.24			1
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM										160-521454	0.0336	0.02990	89.0			40	110	
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM										160-521454	0.0869	0.07480	86.1			40	110	
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM	160-523838				0.179	0.24			1									
PARCEL G	SFUT078B01	HPFG-F-136JR	905	10099-97-2	Strontium-90	0.08199	pCi/g	LR	SO	07/20/2021	U	U	N	0.168	0.168	0.168	0.212	pCi/g	YES	TRG	160429661	N	182131	8/5/2021 3:11:00 PM	8/17/2021 7:25:00 PM	160-523838	0.0336	0.02990	89.0			40	110											
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM										160-542340				0.155	0.12			1
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM										160-542340	0.00291	0.002800	100			40	110	
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM										160-542340	0.00931	0.006900	74.1			40	110	
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-544710				0.155	0.12			1									
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-544710	0.00291	0.002800	100			40	110											
PARCEL G	SFUT078B01	HPFG-F-136JR	ST-RC-0058	10099-97-2	Strontium-90	0.1718	pCi/g	LR	SO	07/20/2021			N	0.0647	0.0647	0.0647	0.0732	pCi/g	YES	TRG	160429661	Y	303304	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-544710	0.00931	0.006900	74.1			40	110											
PARCEL G	SFUT104B01	HPFG-F-158JR	7440-24-6	Total Beta Strontium	-0.01307	pCi/g	LR	SO	08/05/2021	U	U	N	0.0266	0.0266	0.0266	0.0215	pCi/g	YES	TRG	160429726	N	341953	2/11/2022 12:27:00 AM	4/21/2022 7:21:00 AM										160-561461				-0.00265	0.24			1
PARCEL G	SFUT104B01	HPFG-F-158JR	7440-24-6	Total Beta Strontium	-0.01307	pCi/g	LR	SO	08/05/2021	U	U	N	0.0266	0.0266	0.0266	0.0215	pCi/g	YES	TRG	160429726	N	341953	2/11/2022 12:27:00 AM	4/21/2022 7:21:00 AM	160-561500	0.00946	0.008400	88.8			40	110											
PARCEL G	SFUT104B01	HPFG-F-158JR	7440-24-6	Total Beta Strontium	-0.01307	pCi/g	LR	SO	08/05/2021	U	U	N	0.0266	0.0266	0.0266	0.0215	pCi/g	YES	TRG	160429726	N	341953	2/11/2022 12:27:00 AM	4/21/2022 7:21:00 AM	160-561500	0.00946	0.008400	88.8			40	110											
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM										160-545994				0.122	0.07			1
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM										160-545994	0.00156	0.001500	100			40	110	
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM										160-545994	0.0946	0.09400	88.8			40	110	
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM	160-553279				0.122	0.07			1									
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM	160-553279	0.00156	0.001500	100			40	110											
PARCEL G	SFUT104B01	HPFG-F-158JR	ST-RC-0058	10099-97-2	Strontium-90	0.1118	pCi/g	LR	SO	08/05/2021			N	0.0633	0.0633	0.0633	0.0666	pCi/g	YES	TRG	160429726	Y	341953	2/11/2022 12:27:00 AM	3/3/2022 10:03:00 PM	160-553279	0.0946	0.09400	88.8			40	110											
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM										160-528530				0.170	0.37			1
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM										160-528530	0.0268	0.02590	96.8			40	110	
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM										160-528530	0.0881	0.07110	80.7			40	110	
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM	160-533400				0.170	0.37			1									
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM	160-533400	0.0268	0.02590	96.8			40	110											
PARCEL G	SFUT070C01	HPFG-F-182JR	905	10099-97-2	Strontium-90	0.05691	pCi/g	LR	SO	09/10/2021	U	U	N	0.120	0.120	0.120	0.152	pCi/g	YES	TRG	160433891	N	273176	9/23/2021 11:21:00 AM	10/6/2021 4:07:00 PM	160-533400	0.0881	0.07110	80.7			40	110											
PARCEL G	SFUT070C01	HPFG-F-182JR	ST-RC-0058	10099-97-2	Strontium-90	0.07905	pCi/g	LR	SO	09/10/2021			N	0.0703	0.0703	0.0703	0.0667	pCi/g	YES	TRG	160433891	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM										160-541317	0.00472	0.004500	100			40	110	
PARCEL G	SFUT070C01	HPFG-F-182JR	ST-RC-0058	10099-97-2	Strontium-90	0.07905	pCi/g	LR	SO	09/10/2021			N	0.0703	0.0703	0.0703	0.0667	pCi/g	YES	TRG	160433891	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM										160-541317	0.00992	0.009000	90.7			40	110	
PARCEL G	SFUT070C01	HPFG-F-182JR	ST-RC-0058	10099-97-2	Strontium-90	0.07905	pCi/g	LR	SO	09/10/2021			N	0.0703	0.0703	0.0703	0.0667	pCi/g	YES	TRG	160433891	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-540393				0.152	0.52			1									
PARCEL G	SFUT070C01	HPFG-F-182JR	ST-RC-0058	10099-97-2	Strontium-90	0.07905	pCi/g	LR	SO	09/10/2021			N	0.0703	0.0703	0.0703	0.0667	pCi/g	YES	TRG	160433891	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-540393	0.00472	0.004500	100			40	110											
PARCEL G	SFUT070C01	HPFG-F-182JR	ST-RC-0058	10099-97-2	Strontium-90	0.07905	pCi/g	LR	SO	09/10/2021			N	0.0703	0.0703	0.0703	0.0667	pCi/g	YES	TRG	160433891	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-540393	0.00992	0.009000	90.7			40	110	
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM	160-538185				0.0664	0.62			1									
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM	160-538185	0.0268	0.02350	87.9			40	110											
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM	160-538185	0.0882	0.06140	69.6			40	110											
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM										160-538187				0.0664	0.62			1
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM										160-538187	0.0268	0.02350	87.9			40	110	
PARCEL G	SFUT103A01	HPFG-F-210JR	905	10099-97-2	Strontium-90	0.1219	pCi/g	LR	SO	10/13/2021	U	U	N	0.248	0.248	0.248	0.225	pCi/g	YES	TRG	160437171	N	289699	10/22/2021 1:05:00 PM	11/22/2021 2:39:00 PM										160-538187	0.0882	0.06140	69.6			40	110	
PARCEL G	317364055012011	HPFG-F-221JR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005226	pCi/g	LR	SO	11/05/2021	U	U	N	0.0257	0.0257	0.0257	0.0215	pCi/g	YES	TRG	160438727	N	344274	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM	160-563514				0.00251	0.19			1									
PARCEL G	317364055012011	HPFG-F-221JR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005226	pCi/g	LR	SO	11/05/2021	U	U	N	0.0257	0.0257	0.0257	0.0215	pCi/g	YES	TRG	160438727	N	344274	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM	160-563514	0.00992	0.008900	89.7			40	110											
PARCEL G	317364055012011	HPFG-F-221JR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005226	pCi/g	LR	SO	11/05/2021	U	U	N	0.0257	0.0257	0.0257	0.0215	pCi/g	YES	TRG	160438727	N	344274	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM										160-562579				0.00251	0.19			1
PARCEL G	317364055012011	HPFG-F-221JR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005226	pCi/g	LR	SO	11/05/2021	U	U	N	0.0257	0.0257	0.0257	0.0215	pCi/g	YES	TRG	160438727	N	344274	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM	160-563514	0.00992	0.008900	89.7			40	110	
PARCEL G	317364055012011	HPFG-F-221JR	ST-

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	SFUT1097A8001	HPPG-SFU-TU097A-B-001R	905	10099-97-2	Strontium-90	0.2030	pCi/g	LR	SO	06/04/2021			N	0.138	0.138	0.138	0.186	pCi/g	YES	TRG	180423241	Y	1490608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM									160-518893	0.0869	0.07060	81.2			40	110	
PARCEL G	SFUT1097A8001	HPPG-SFU-TU097A-B-001R	905	10099-97-2	Strontium-90	0.2030	pCi/g	LR	SO	06/04/2021			N	0.138	0.138	0.138	0.186	pCi/g	YES	TRG	180423241	Y	1490608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM	160-520110				0.110	0.25			1									
PARCEL G	SFUT1097A8001	HPPG-SFU-TU097A-B-001R	905	10099-97-2	Strontium-90	0.2030	pCi/g	LR	SO	06/04/2021			N	0.138	0.138	0.138	0.186	pCi/g	YES	TRG	180423241	Y	1490608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM	160-520110	0.0336	0.03300	98.2		40	110										
PARCEL G	SFUT1097A8001	HPPG-SFU-TU097A-B-001R	905	10099-97-2	Strontium-90	0.2030	pCi/g	LR	SO	06/04/2021			N	0.138	0.138	0.138	0.186	pCi/g	YES	TRG	180423241	Y	1490608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM	160-520110	0.0869	0.07060	81.2		40	110										
PARCEL G	SFUT1097B802	HPPG-SFU-TU097B-B-002LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.003708	pCi/g	LR	SO	09/17/2021	U	U	N	0.0270	0.0270	0.0270	0.0235	pCi/g	NO	TRG	180431161	N	350057	5/5/2022 11:27:00 AM	5/29/2022 12:40:00 PM	160-567417	0.0108	0.009200	85.4	-0.0228	0.39	40	110	1										
PARCEL G	SFUT1097B802	HPPG-SFU-TU097B-B-002LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.003708	pCi/g	LR	SO	09/17/2021	U	U	N	0.0270	0.0270	0.0270	0.0235	pCi/g	NO	TRG	180431161	N	350057	5/5/2022 11:27:00 AM	5/29/2022 12:40:00 PM	160-567417				0.0228	0.39	40	110	1										
PARCEL G	SFUT1097B802	HPPG-SFU-TU097B-B-002LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.003708	pCi/g	LR	SO	09/17/2021	U	U	N	0.0270	0.0270	0.0270	0.0235	pCi/g	NO	TRG	180431161	N	350057	5/5/2022 11:27:00 AM	5/29/2022 12:40:00 PM										160-563882								
PARCEL G	SFUT1097B802	HPPG-SFU-TU097B-B-002LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.003708	pCi/g	LR	SO	09/17/2021	U	U	N	0.0270	0.0270	0.0270	0.0235	pCi/g	NO	TRG	180431161	N	350057	5/5/2022 11:27:00 AM	5/29/2022 12:40:00 PM										160-563882	0.0108	0.009200	85.4			40	110	
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.0882	pCi/g	LR	SO	09/17/2021	U	U	N	0.223	0.223	0.223	0.263	pCi/g	No	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/12/2021 8:29:00 AM	160-531159				-0.0882	0.04			1									
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.0882	pCi/g	LR	SO	09/17/2021	U	U	N	0.223	0.223	0.223	0.263	pCi/g	No	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/12/2021 8:29:00 AM										160-527853				-0.0882	0.04			1
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM	160-533630				0.302	0.81			1	160-527853				0.302	0.81			1
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM										160-527853	0.0268	0.02440	91.2			40	110	
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM										160-527853	0.0870	0.0629	72.1			40	110	
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM	160-533630				0.302	0.81			1									
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM	160-533630	0.0268	0.02440	91.2		40	110										
PARCEL G	SFUT1097B804	HPPG-SFU-TU097B-B-004LR	905	10099-97-2	Strontium-90	-0.1172	pCi/g	LR	SO	09/17/2021	U	U	N	0.183	0.183	0.183	0.211	pCi/g	YES	TRG	180431163	N	273172	9/21/2021 11:28:00 AM	10/11/2021 5:27:00 PM	160-533630	0.0870	0.06270	72.1		40	110										
PARCEL G	SFUT1098B11	HPPG-SFU-TU098B-B11LR	905	7440-24-6	Total Beta Strontium	0.006533	pCi/g	LR	SO	10/29/2020	U	U	N	0.0445	0.0445	0.0445	0.0547	pCi/g	NO	TRG	180402713	N	132434	11/25/2020 3:25:00 PM	12/11/2020 8:10:00 AM										160-490272				0.0517	0.42			1
PARCEL G	SFUT1098B11	HPPG-SFU-TU098B-B11LR	905	7440-24-6	Total Beta Strontium	0.006533	pCi/g	LR	SO	10/29/2020	U	U	N	0.0445	0.0445	0.0445	0.0547	pCi/g	NO	TRG	180402713	N	132434	11/25/2020 3:25:00 PM	12/11/2020 8:10:00 AM										160-490272	0.0698	0.07450	107			40	110	
PARCEL G	SFUT1098B11	HPPG-SFU-TU098B-B11LR	905	7440-24-6	Total Beta Strontium	0.006533	pCi/g	LR	SO	10/29/2020	U	U	N	0.0445	0.0445	0.0445	0.0547	pCi/g	NO	TRG	180402713	N	132434	11/25/2020 3:25:00 PM	12/11/2020 8:10:00 AM	160-491589				0.0517	0.42			1									
PARCEL G	SFUT1098B11	HPPG-SFU-TU098B-B11LR	905	7440-24-6	Total Beta Strontium	0.006533	pCi/g	LR	SO	10/29/2020	U	U	N	0.0445	0.0445	0.0445	0.0547	pCi/g	NO	TRG	180402713	N	132434	11/25/2020 3:25:00 PM	12/11/2020 8:10:00 AM	160-491589	0.0698	0.07450	107		40	110										
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01769	pCi/g	LR	SO	11/18/2020	U	U	N	0.0244	0.0244	0.0244	0.0228	pCi/g	YES	TRG	180404823	N	337344	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM	160-560482				-0.000434	0.42	40	110	1									
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01769	pCi/g	LR	SO	11/18/2020	U	U	N	0.0244	0.0244	0.0244	0.0228	pCi/g	YES	TRG	180404823	N	337344	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM	160-560482	0.00961	0.008900	92.6		40	110										
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01769	pCi/g	LR	SO	11/18/2020	U	U	N	0.0244	0.0244	0.0244	0.0228	pCi/g	YES	TRG	180404823	N	337344	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM										160-559842				-0.000434	0.42			1
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01769	pCi/g	LR	SO	11/18/2020	U	U	N	0.0244	0.0244	0.0244	0.0228	pCi/g	YES	TRG	180404823	N	337344	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM										160-559842	0.00961	0.008900	92.6			40	110	
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM	160-553275				0.153	0.42			1									
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM	160-553275	0.00221	0.002100	100		40	110										
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM	160-553275	0.00961	0.008900	92.6		40	110										
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM										160-549981				0.153	0.42			1
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM										160-549981	0.00221	0.002100	100		40	110		
PARCEL G	SFUT1099A21	HPPG-SFU-TU099A-021LR	ST-RC-0058	10099-97-2	Strontium-90	0.1076	pCi/g	LR	SO	11/18/2020			N	0.0495	0.0495	0.0495	0.0540	pCi/g	YES	TRG	180404823	Y	337344	2/11/2022 1:04:00 AM	3/3/2022 8:48:00 PM										160-549981	0.00961	0.008900	92.6		40	110		
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0270	pCi/g	LR	SO	06/18/2021	U	U	N	0.0313	0.0313	0.0313	0.0293	pCi/g	YES	TRG	180424821	N	338772	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM	160-561956				0.00390	0.35	40	110										
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0270	pCi/g	LR	SO	06/18/2021	U	U	N	0.0313	0.0313	0.0313	0.0293	pCi/g	YES	TRG	180424821	N	338772	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM	160-561956	0.00949	0.006800	71.7		40	110										
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0270	pCi/g	LR	SO	06/18/2021	U	U	N	0.0313	0.0313	0.0313	0.0293	pCi/g	YES	TRG	180424821	N	338772	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM										160-561999				0.00390	0.35			1
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0270	pCi/g	LR	SO	06/18/2021	U	U	N	0.0313	0.0313	0.0313	0.0293	pCi/g	YES	TRG	180424821	N	338772	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM										160-561999	0.00949	0.006800	71.7		40	110		
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM										160-549988				0.218	0.34			1
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM										160-549988	0.00179	0.001700	100		40	110		
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM										160-549988	0.03949	0.006800	71.7		40	110		
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM	160-562954				0.218	0.34			1									
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM	160-562954	0.00179	0.001700	100		40	110										
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM	160-562954	0.03949	0.006800	71.7		40	110										
PARCEL G	SFUT1099B801	HPPG-SFU-TU099B-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.2749	pCi/g	LR	SO	06/18/2021			N	0.0847	0.0847	0.0847	0.0967	pCi/g	YES	TRG	180424821	Y	338772	2/11/2022 1:15:00 AM	3/2/2022 9:07:00 PM					0.0516	0.15			1									
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	7440-24-6	Total Beta Strontium	0.03925	pCi/g	LR	SO	08/06/2021	U	U	N	0.0833	0.0833	0.0833	0.0744	pCi/g	YES	TRG	180434931	N	280814	9/29/2021 11:36:00 AM	11/22/2021 9:23:00 PM	160-534663																		
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	7440-24-6	Total Beta Strontium	0.03925	pCi/g	LR	SO	08/06/2021	U	U	N	0.0833	0.0833	0.0833	0.0744	pCi/g	YES	TRG	180434931	N	280814	9/29/2021 11:36:00 AM	11/22/2021 9:23:00 PM	160-534663	0.0870	0.06850	78.7		40	110										
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	7440-24-6	Total Beta Strontium	0.03925	pCi/g	LR	SO	08/06/2021	U	U	N	0.0833	0.0833	0.0833	0.0744	pCi/g	YES	TRG	180434931	N	280814	9/29/2021 11:36:00 AM	11/22/2021 9:23:00 PM										160-529331				0.0516	0.15			1
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	7440-24-6	Total Beta Strontium	0.03925	pCi/g	LR	SO	08/06/2021	U	U	N	0.0833	0.0833	0.0833	0.0744	pCi/g	YES	TRG	180434931	N	280814	9/29/2021 11:36:00 AM	11/22/2021 9:23:00 PM										160-529331	0.0870	0.06850	78.7		40	110		
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM										160-531105				0.266	0.41			1
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM										160-531105	0.0268	0.02400	89.7					
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM										160-531105	0.0870	0.06850	78.7		40	110		
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM	160-531159				0.266	0.41			1									
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM	160-531159	0.0268	0.02400	89.7		40	110										
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	905	10099-97-2	Strontium-90	0.08530	pCi/g	LR	SO	08/06/2021	U	U	N	0.166	0.166	0.166	0.210	pCi/g	YES	TRG	180434931	N	280814	10/5/2021 10:35:00 AM	10/12/2021 3:28:00 PM	160-531159	0.0870	0.06850	78.7		40	110		
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM	160-547123				0.185	0.66	40	110										
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM	160-547123	0.00440	0.004300	100														
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM	160-547123	0.00950	0.007800	82.1		40	110										
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM										160-543125				0.185	0.66			1
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM										160-543125	0.00440	0.004300	100		40	110		
PARCEL G	SFUT1099B803	HPPG-SFU-TU099B-B-003-ALR	ST-RC-0058	10099-97-2	Strontium-90	0.08275	pCi/g	LR	SO	08/06/2021			N	0.0776	0.0776	0.0776	0.0736	pCi/g	YES	TRG	180434931	Y	300937	12/21/2021 4:47:00 PM	1/18/2022 9:39:00 PM										160-543125	0.00950	0.007800	82.1		40	110		
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007582	pCi/g	LR	SO	06/11/2021	U	U	N	0.0268	0.0268	0.0268	0.0222	pCi/g	YES	TRG	180424121	N	338222	2/11/2022 1:12:00 AM	3/11/2022 5:16:00 PM	160-554777				-0.00392	0.08			1									
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007582	pCi/g	LR	SO	06/11/2021	U	U	N	0.0268	0.0268	0.0268	0.0222	pCi/g	YES	TRG	180424121	N	338222	2/11/2022 1:12:00 AM	3/11/2022 5:16:00 PM	160-554777	0.00964	0.008500	88.2		40	110										
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007582	pCi/g	LR	SO	06/11/2021	U	U	N	0.0268	0.0268	0.0268	0.0222	pCi/g	YES	TRG	180424121	N	338222	2/11/2022 1:12:00 AM	3/11/2022 5:16:00 PM										160-554792				-0.00392	0.08			1
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007582	pCi/g	LR	SO	06/11/2021	U	U	N	0.0268	0.0268	0.0268	0.0222	pCi/g	YES	TRG	180424121	N	338222	2/11/2022 1:12:00 AM	3/11/2022 5:16:00 PM										160-554792	0.00964	0.008500	88.2		40	110		
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM	160-563463				0.237	0.47			1									
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM	160-563463	0.00254	0.002400	100		40	110										
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM	160-563463	0.00964	0.008500	88.2		40	110		
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM										160-545986				0.237	0.47			1
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM	160-545986	0.00254	0.002400	100		40	110		
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.1617	pCi/g	LR	SO	06/11/2021			N	0.0699	0.0699	0.0699	0.0757	pCi/g	NO	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/4/2022 9:37:00 AM	160-545986	0.00964	0.008500	88.2		40	110		
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.4425	pCi/g	LR	SO	06/11/2021			N	0.0531	0.0531	0.0531	0.0892	pCi/g	YES	TRG	180424121	Y	338222	2/11/2022 1:12:00 AM	3/3/2022 4:17:00 PM					0.361	0.48			1									
PARCEL G	SFUT1101A801	HPPG-SFU-TU101A-B-001LR	ST-RC-0058	10099-97-2	Strontium-90	0.4425	pCi/g	LR	SO	06/11/2021

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-490365/1-A	905	7440-24-6	Total Beta Stertium	6.013	pCi/g	LCS	SQ	11/25/2020			N	0.0470	0.0470	0.0470	0.491	pCi/g	NO	TRG	LCS1604903651A	Y	132434	11/25/2020 2:30:00 PM	12/11/2020 6:24:00 AM	160-491444	7.76	6.013	77			75	125										
PARCEL G	LABQC	LCS 160-490365/1-A	905	7440-24-6	Total Beta Stertium	6.013	pCi/g	LCS	SQ	11/25/2020			N	0.0470	0.0470	0.0470	0.491	pCi/g	NO	TRG	LCS1604903651A	Y	132434	11/25/2020 2:30:00 PM	12/11/2020 6:24:00 AM	160-491444	0.0688	0.07540	109			40	110										
PARCEL G	LABQC	LCS 160-490365/1-A	905	7440-24-6	Total Beta Stertium	6.013	pCi/g	LCS	SQ	11/25/2020			N	0.0470	0.0470	0.0470	0.491	pCi/g	NO	TRG	LCS1604903651A	Y	132434	11/25/2020 2:30:00 PM	12/11/2020 6:24:00 AM										160-490365	7.76	6.013	77			75	125		
PARCEL G	LABQC	LCS 160-490365/1-A	905	7440-24-6	Total Beta Stertium	6.013	pCi/g	LCS	SQ	11/25/2020			N	0.0470	0.0470	0.0470	0.491	pCi/g	NO	TRG	LCS1604903651A	Y	132434	11/25/2020 2:30:00 PM	12/11/2020 6:24:00 AM										160-490365	0.0688	0.07540	109			40	110		
PARCEL G	LABQC	LCS 160-490272/1-A	905	7440-24-6	Total Beta Stertium	6.091	pCi/g	LCS	SQ	11/25/2020			N	0.0387	0.0387	0.0387	0.497	pCi/g	NO	TRG	LCS1604902721A	Y	132434	11/25/2020 3:25:00 PM	12/11/2020 7:10:00 AM	160-491588	7.76	6.091	78			75	125										
PARCEL G	LABQC	LCS 160-490272/1-A	905	7440-24-6	Total Beta Stertium	6.091	pCi/g	LCS	SQ	11/25/2020			N	0.0387	0.0387	0.0387	0.497	pCi/g	NO	TRG	LCS1604902721A	Y	132434	11/25/2020 3:25:00 PM	12/11/2020 7:10:00 AM	160-491588	0.0688	0.07380	106			40	110										
PARCEL G	LABQC	LCS 160-490272/1-A	905	7440-24-6	Total Beta Stertium	6.091	pCi/g	LCS	SQ	11/25/2020			N	0.0387	0.0387	0.0387	0.497	pCi/g	NO	TRG	LCS1604902721A	Y	132434	11/25/2020 3:25:00 PM	12/11/2020 7:10:00 AM										160-490272	7.76	6.091	78			75	125		
PARCEL G	LABQC	LCS 160-490272/1-A	905	7440-24-6	Total Beta Stertium	6.091	pCi/g	LCS	SQ	11/25/2020			N	0.0387	0.0387	0.0387	0.497	pCi/g	NO	TRG	LCS1604902721A	Y	132434	11/25/2020 3:25:00 PM	12/11/2020 7:10:00 AM										160-490272	0.0688	0.07380	106			40	110		
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM	160-491328	7.76	6.009	77			75	125										
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM	160-491328	0.0268	0.02490	93.1			40	110										
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM	160-491328	0.0688	0.07340	105			40	110										
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM										160-490559	7.76	6.009	77			75	125		
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM										160-490559	0.0268	0.02490	93.1			40	110		
PARCEL G	LABQC	LCS 160-490559/1-A	905	10098-97-2	Stronturm-90	6.009	pCi/g	LCS	SQ	11/30/2020			N	0.105	0.105	0.105	0.646	pCi/g	NO	TRG	LCS1604905591A	Y	308830	11/30/2020 10:34:00 AM	12/9/2020 5:49:00 PM										160-490559	0.0688	0.07340	105			40	110		
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM										160-490804	7.76	5.722	74			75	125		
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM										160-490804	0.0268	0.02510	93.8			40	110		
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM										160-490804	0.0688	0.05650	80.9			40	110		
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM	160-491659	7.76	5.722	74			75	125										
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM	160-491659	0.0268	0.02510	93.8			40	110										
PARCEL G	LABQC	LCS 160-490804/1-A	905	10098-97-2	Stronturm-90	5.722	pCi/g	LCS	SQ	12/03/2020	J	J	N	0.147	0.147	0.147	0.669	pCi/g	NO	TRG	LCS1604908041A	Y	132434	12/3/2020 11:35:00 AM	12/14/2020 5:03:00 PM	160-491659	0.0688	0.05650	80.9			40	110										
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM										160-491323	7.76	5.897	76			75	125		
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM										160-491323	0.0268	0.02670	99.8			40	110		
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM										160-491323	0.0688	0.07570	100			40	110		
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM	160-491430	7.76	5.897	76			75	125										
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM	160-491430	0.0268	0.02670	99.8			40	110										
PARCEL G	LABQC	LCS 160-491323/1-A	905	10098-97-2	Stronturm-90	5.897	pCi/g	LCS	SQ	12/09/2020			N	0.109	0.109	0.109	0.638	pCi/g	NO	TRG	LCS1604913231A	Y	138663	12/9/2020 4:42:00 PM	12/18/2020 8:05:00 PM	160-491430	0.0688	0.07570	100			40	110										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	7.75	6.756	87			75	125										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	0.0268	0.02530	94.6			40	110										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	0.0688	0.07710	102			40	110										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	7.75	6.756	87			75	125		
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	0.0268	0.02530	94.6			40	110		
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	308830	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	0.0688	0.07710	102			40	110		
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	7.75	6.756	87			75	125										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	0.0268	0.02530	94.6			40	110										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM	160-491723	0.0688	0.07710	102			40	110										
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	7.75	6.756	87			75	125		
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	0.0268	0.02530	94.6			40	110		
PARCEL G	LABQC	LCS 160-491111/1-A	905	10098-97-2	Stronturm-90	6.756	pCi/g	LCS	SQ	12/16/2020			N	0.115	0.115	0.115	0.712	pCi/g	NO	TRG	LCS1604911111A	Y	138663	12/16/2020 2:29:00 PM	12/42/2021 1:52:00 PM										160-492111	0.0688	0.07710	102			40	110		
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM	160-491414	7.75	6.744	87			75	125										
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM	160-491414	0.0268	0.02290	85.6			40	110										
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM	160-491414	0.0756	0.07570	100			40	110										
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM										160-491501	7.75	6.744	87			75	125		
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM										160-491501	0.0268	0.02290	85.6			40	110		
PARCEL G	LABQC	LCS 160-491015/1-A	905	10098-97-2	Stronturm-90	6.744	pCi/g	LCS	SQ	12/28/2020			N	0.123	0.123	0.123	0.728	pCi/g	NO	TRG	LCS1604910151A	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:35:00 PM										160-491501	0.0756	0.07570	100			40	110		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	7.75	6.391	82			75	125										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	0.0268	0.02330	87.1			40	110										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	0.0756	0.07680	102			40	110										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	7.75	6.391	82			75	125		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	0.0268	0.02330	87.1			40	110		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	132434	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	0.0756	0.07680	102			40	110		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	7.75	6.391	82			75	125										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	0.0268	0.02330	87.1			40	110										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM	160-494260	0.0756	0.07680	102			40	110										
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	7.75	6.391	82			75	125		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	0.0268	0.02330	87.1			40	110		
PARCEL G	LABQC	LCS 160-493370/1-A	905	10098-97-2	Stronturm-90	6.391	pCi/g	LCS	SQ	12/29/2020			N	0.127	0.127	0.127	0.695	pCi/g	NO	TRG	LCS1604933701A	Y	202691	12/29/2020 9:17:00 PM	1/7/2021 1:29:00 PM										160-493370	0.0756	0.07680	102			40	110		
PARCEL G	LABQC	LCS 160-496293/1-A	905	7440-24-6	Total Beta Stertium	7.756	pCi/g	LCS	SQ	01/22/2021			N	0.0465	0.0465	0.0465	0.626	pCi/g	NO	TRG	LCS1604962931A	Y	140272	1/22/2021 8:52:00 AM	2/12/2021 10:38:00 AM	160-496804	8.28	7.756	94			75	125										
PARCEL G	LABQC	LCS 160-496293/1-A	905	7440-24-6	Total Beta Stertium	7.756	pCi/g	LCS	SQ	01/22/2021			N	0.0465	0.0465	0.0465	0.626	pCi/g	NO	TRG	LCS1604962931A	Y	140272	1/22/2021 8:52:00 AM	2/12/2021 10:38:00 AM	160-496804	0.0835	0.076	91			40	110										
PARCEL G	LABQC	LCS 160-496293/1-A	905	7440-24-6	Total Beta Stertium	7.756	pCi/g	LCS	SQ	01/22/2021			N	0.0465	0.0465	0.0465	0.626	pCi/g	NO	TRG	LCS1604962931A	Y	140272	1/22/2021 8:52:00 AM	2/12/2021 10:38:00 AM										160-496293	8.28	7.756	94			75	125		
PARCEL G	LABQC	LCS 160-496293/1-A	905	7440-24-6	Total Beta Stertium	7.756	pCi/g	LCS	SQ	01/22/2021			N	0.0465	0.0465	0.0465	0.626	pCi/g	NO	TRG	LCS1604962931A	Y	140272	1/22/2021 8:52:00 AM	2/12/2021 10:38:00 AM										160-496293	0.0835	0.076	91			40	110		
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM	160-497944	8.29	7.434	90			75	125										
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM	160-497944	0.0268	0.0241	90.1			40	110										
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM	160-497944	0.0835	0.0713	85.4			40	110										
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM										160-496850	8.29	7.434	90			75	125		
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM										160-496850	0.0268	0.0241	90.1			40	110		
PARCEL G	LABQC	LCS 160-496850/1-A	905	10098-97-2	Stronturm-90	7.434	pCi/g	LCS	SQ	01/27/2021			N	0.135	0.135	0.135	0.806	pCi/g	NO	TRG	LCS1604968501A	Y	140146	1/27/2021 6:16:00 PM	2/5/2021 2:50:00 PM										160-496850	0.0835	0.0713	85.4			40	110		
PARCEL G	LABQC	LCS 160-496860/1-A	905	7440-24-6	Total Beta Stertium	7.852	pCi/g	LCS	SQ	01/27/2021			N	0.0448	0.0448	0.0448	0.622	pCi/g	NO	TRG	LCS1604968601A	Y	140146	1/27/2021 8:48:00 PM	2/19/2021 7:09:00 AM	160-499307	8.28	7.652	92			75	125										
PARCEL G	LABQC	LCS 160-496860/1-A	905	7440-24-6	Total Beta Stertium	7.852	pCi/g	LCS	SQ	01/27/2021			N	0.0448	0.0448	0.0448	0.622	pCi/g	NO	TRG	LCS1604968601A	Y	140146	1/27/2021 8:48:00 PM	2/19/2021 7:09:00 AM	160-499307	0.0835	0.0713	85.4			40	110										
PARCEL G	LABQC	LCS 160-496860/1-A	905	7440-24-6	Total Beta Stertium	7.852	pCi/g	LCS	SQ	01/27/2021			N	0.0448	0.0448	0.0448	0.622	pCi/g	NO	TRG	LCS1604968601A	Y	140146	1/27/2021 8:48:00 PM	2/19/2021 7:09:00 AM										160-496860	8.28	7.652	92			75	125		
PARCEL G	LABQC	LCS 160-496860/1-A	905	7440-24-6	Total Beta Stertium	7.852	pCi/g	LCS	SQ	01/27/2021			N	0.0448	0.0448	0.0448	0.622	pCi/g	NO	TRG	LCS1604968601A	Y	140146	1/27/2021 8:48:00 PM	2/19/2021 7:09:00 AM										160-496860	0.0835	0.0713	85.4			40	110		
PARCEL G	LABQC	LCS 160-516657/1-A	905	10098-97-2	Stronturm-90	8.671	pCi/g	LCS	SQ	06/30/2021			N	0.119	0.119	0.119	0.882	pCi/g	NO	TRG	LCS1605165671A	Y	143302	6/30/2021 9:37:00 AM	7/12/2021 5:15:00 PM	160-518289	8.20	8.671	106			75	125										
PARCEL G	LABQC	LCS 160-516657/1-A	905	10098-97-2	Stronturm-90	8.671	pCi/g	LCS	SQ	06/30/2021			N	0.119	0.119	0.119	0.882	pCi/g	NO	TRG	LCS1605165671A	Y	143302	6/30/2021 9:37:00 AM	7/12/2021 5:15:00 P

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-523312-1	905	10099-97-2	Strontium-90	7.204	pCi/g	LCS	SQ	08/19/2021			N	0.136	0.136	0.136	0.783	pCi/g	NO	TRG	LCS16052312LA	Y	182473	8/19/2021 4:53:00 PM	8/30/2021 2:43:00 PM									160-523312	7.63	7.204	94			75	125	
PARCEL G	LABQC	LCS 160-523312-1	905	10099-97-2	Strontium-90	7.204	pCi/g	LCS	SQ	08/19/2021			N	0.136	0.136	0.136	0.783	pCi/g	NO	TRG	LCS16052312LA	Y	182473	8/19/2021 4:53:00 PM	8/30/2021 2:43:00 PM									160-523312	0.0268	0.02500	95.3			40	110	
PARCEL G	LABQC	LCS 160-523491-1	905	7440-24-6	Total Beta Strontium	6.645	pCi/g	LCS	SQ	08/20/2021			N	0.0538	0.0538	0.0538	0.551	pCi/g	NO	TRG	LCS16052491LA	Y	191067	8/20/2021 5:54:00 PM	9/17/2021 11:09:00 AM	160-527466	7.62	6.645	87		75	125											
PARCEL G	LABQC	LCS 160-523491-1	905	7440-24-6	Total Beta Strontium	6.645	pCi/g	LCS	SQ	08/20/2021			N	0.0538	0.0538	0.0538	0.551	pCi/g	NO	TRG	LCS16052491LA	Y	191067	8/20/2021 5:54:00 PM	9/17/2021 11:09:00 AM	160-527466	0.0870	0.07940	86.9		40	110											
PARCEL G	LABQC	LCS 160-523491-1	905	7440-24-6	Total Beta Strontium	6.645	pCi/g	LCS	SQ	08/20/2021			N	0.0538	0.0538	0.0538	0.551	pCi/g	NO	TRG	LCS16052491LA	Y	191067	8/20/2021 5:54:00 PM	9/17/2021 11:09:00 AM									160-523490	7.62	6.645	87			75	125	
PARCEL G	LABQC	LCS 160-523491-1	905	7440-24-6	Total Beta Strontium	6.645	pCi/g	LCS	SQ	08/20/2021			N	0.0538	0.0538	0.0538	0.551	pCi/g	NO	TRG	LCS16052491LA	Y	191067	8/20/2021 5:54:00 PM	9/17/2021 11:09:00 AM									160-523490	0.0870	0.07560	86.9			40	110	
PARCEL G	LABQC	LCS 160-523874-1	905	7440-24-6	Total Beta Strontium	7.153	pCi/g	LCS	SQ	08/24/2021			N	0.0491	0.0491	0.0491	0.591	pCi/g	NO	TRG	LCS16052874LA	Y	190410	8/24/2021 10:58:00 AM	9/14/2021 12:45:00 PM	160-526846	7.62	7.153	94		75	125											
PARCEL G	LABQC	LCS 160-523874-1	905	7440-24-6	Total Beta Strontium	7.153	pCi/g	LCS	SQ	08/24/2021			N	0.0491	0.0491	0.0491	0.591	pCi/g	NO	TRG	LCS16052874LA	Y	190410	8/24/2021 10:58:00 AM	9/14/2021 12:45:00 PM	160-526846	0.0870	0.07180	82.5		40	110											
PARCEL G	LABQC	LCS 160-523874-1	905	7440-24-6	Total Beta Strontium	7.153	pCi/g	LCS	SQ	08/24/2021			N	0.0491	0.0491	0.0491	0.591	pCi/g	NO	TRG	LCS16052874LA	Y	190410	8/24/2021 10:58:00 AM	9/14/2021 12:45:00 PM									160-523874	7.62	7.153	94			75	125	
PARCEL G	LABQC	LCS 160-523874-1	905	7440-24-6	Total Beta Strontium	7.153	pCi/g	LCS	SQ	08/24/2021			N	0.0491	0.0491	0.0491	0.591	pCi/g	NO	TRG	LCS16052874LA	Y	190410	8/24/2021 10:58:00 AM	9/14/2021 12:45:00 PM									160-523874	0.0870	0.07180	82.5			40	110	
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM									160-523890	7.63	7.611	100			75	125	
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM									160-523890	0.0268	0.02580	96.4			40	110	
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM									160-523890	0.0870	0.07560	86.9			40	110	
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM	160-525687	7.63	7.611	100		75	125											
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM	160-525687	0.0268	0.02580	96.4		40	110											
PARCEL G	LABQC	LCS 160-523890-1	905	10099-97-2	Strontium-90	7.611	pCi/g	LCS	SQ	08/24/2021			N	0.139	0.139	0.139	0.814	pCi/g	NO	TRG	LCS16052890LA	Y	191067	8/24/2021 12:59:00 PM	9/3/2021 2:18:00 PM	160-525687	0.0870	0.07940	86.9		40	110											
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM	160-527379	7.62	8.191	107		75	125											
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM	160-527379	0.0268	0.02250	84.1		40	110											
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM	160-527379	0.0870	0.07320	84.1		40	110											
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM									160-524079	7.62	8.191	107			75	125	
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM									160-524079	0.0268	0.02250	84.1			40	110	
PARCEL G	LABQC	LCS 160-524079-1	905	10099-97-2	Strontium-90	8.191	pCi/g	LCS	SQ	08/31/2021			N	0.155	0.155	0.155	0.891	pCi/g	NO	TRG	LCS16052479LA	Y	189806	8/31/2021 12:53:00 PM	9/16/2021 8:30:00 PM									160-524079	0.0870	0.07320	84.1			40	110	
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525692	7.62	8.161	107			75	125	
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525692	0.0268	0.02120	79.3			40	110	
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM									160-525692	0.0870	0.07410	85.2			40	110	
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM	160-528872	7.62	8.161	107		75	125											
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM	160-528872	0.0268	0.02120	79.3		40	110											
PARCEL G	LABQC	LCS 160-525692-1	905	10099-97-2	Strontium-90	8.161	pCi/g	LCS	SQ	09/08/2021			N	0.155	0.155	0.155	0.898	pCi/g	NO	TRG	LCS16052692LA	Y	270994	9/8/2021 12:53:00 PM	9/24/2021 2:30:00 PM	160-528872	0.0870	0.07410	85.2		40	110											
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM									160-526078	7.62	7.813	103			75	125	
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM									160-526078	0.0268	0.02540	95.0			40	110	
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM									160-526078	0.0870	0.08030	91.7			40	110	
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143	7.62	7.813	103		75	125											
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143	0.0268	0.02540	95.0		40	110											
PARCEL G	LABQC	LCS 160-526078-2	905	10099-97-2	Strontium-90	7.813	pCi/g	LCS	SQ	09/09/2021			N	0.119	0.119	0.119	0.817	pCi/g	NO	TRG	LCS16052678LA	Y	302944	9/9/2021 10:41:00 AM	9/28/2021 3:49:00 PM	160-526143	0.0870	0.08030	91.7		40	110											
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM									160-526199	7.62	7.523	99			75	125	
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM									160-526199	0.0268	0.02300	86.0			40	110	
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM									160-526199	0.0870	0.06230	71.6			40	110	
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM	160-527815	7.62	7.523	99		75	125											
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM	160-527815	0.0268	0.02300	86.0		40	110											
PARCEL G	LABQC	LCS 160-526199-1	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/09/2021			N	0.160	0.160	0.160	0.862	pCi/g	NO	TRG	LCS16052699LA	Y	273510	9/9/2021 3:47:00 PM	9/20/2021 3:00:00 PM	160-527815	0.0870	0.06230	71.6		40	110											
PARCEL G	LABQC	LCS 160-526270-1	905	7440-24-6	Total Beta Strontium	6.956	pCi/g	LCS	SQ	09/10/2021			N	0.0626	0.0626	0.0626	0.585	pCi/g	NO	TRG	LCS16052701LA	Y	201985	9/10/2021 12:07:00 PM	10/8/2021 7:36:00 AM	160-530558	7.61	6.956	91		75	125											
PARCEL G	LABQC	LCS 160-526270-1	905	7440-24-6	Total Beta Strontium	6.956	pCi/g	LCS	SQ	09/10/2021			N	0.0626	0.0626	0.0626	0.585	pCi/g	NO	TRG	LCS16052701LA	Y	201985	9/10/2021 12:07:00 PM	10/8/2021 7:36:00 AM	160-530558	0.0870	0.06610	76.0		40	110											
PARCEL G	LABQC	LCS 160-526270-1	905	7440-24-6	Total Beta Strontium	6.956	pCi/g	LCS	SQ	09/10/2021			N	0.0626	0.0626	0.0626	0.585	pCi/g	NO	TRG	LCS16052701LA	Y	201985	9/10/2021 12:07:00 PM	10/8/2021 7:36:00 AM									160-526270	7.61	6.956	91			75	125	
PARCEL G	LABQC	LCS 160-526270-1	905	7440-24-6	Total Beta Strontium	6.956	pCi/g	LCS	SQ	09/10/2021			N	0.0626	0.0626	0.0626	0.585	pCi/g	NO	TRG	LCS16052701LA	Y	201985	9/10/2021 12:07:00 PM	10/8/2021 7:36:00 AM									160-526270	0.0870	0.06610	76.0			40	110	
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM									160-527964	7.62	9.060	119			75	125	
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM									160-527964	0.0268	0.02230	83.4			40	110	
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM									160-527964	0.0870	0.06610	76.0			40	110	
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM	160-528710	7.62	9.060	119		75	125											
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM	160-528710	0.0268	0.02230	83.4		40	110											
PARCEL G	LABQC	LCS 160-527964-1	905	10099-97-2	Strontium-90	9.060	pCi/g	LCS	SQ	09/15/2021			N	0.156	0.156	0.156	0.983	pCi/g	NO	TRG	LCS16052764LA	Y	201985	9/15/2021 11:25:00 AM	9/24/2021 2:44:00 PM	160-528710	0.0870	0.06610	76.0		40	110											
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM	160-529156	7.62	7.422	97		75	125											
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM	160-529156	0.0268	0.02460	92.0		40	110											
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM	160-529156	0.0870	0.07850	89.6		40	110											
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM									160-527382	7.62	7.422	97			75	125	
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM									160-527382	0.0268	0.02460	92.0			40	110	
PARCEL G	LABQC	LCS 160-527822-1	905	10099-97-2	Strontium-90	7.422	pCi/g	LCS	SQ	09/16/2021			N	0.135	0.135	0.135	0.794	pCi/g	NO	TRG	LCS16052782LA	Y	316910	9/16/2021 10:48:00 AM	9/28/2021 4:45:00 PM									160-527382	0.0870	0.07850	89.6			40	110	
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM	160-529968	7.61	7.523	99		75	125											
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM	160-529968	0.0268	0.02640	98.7		40	110											
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM	160-529968	0.0881	0.07240	82.2		40	110											
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM									160-527605	7.61	7.523	99			75	125	
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM									160-527605	0.0268	0.02640	98.7			40	110	
PARCEL G	LABQC	LCS 160-527605-2	905	10099-97-2	Strontium-90	7.523	pCi/g	LCS	SQ	09/18/2021			N	0.119	0.119	0.119	0.790	pCi/g	NO	TRG	LCS16052605LA	Y	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM									160-527605	0.0881	0.07240	82.2			40	110	
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM									160-527615	7.61	7.265	95			75	125	
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM									160-527615	0.0268	0.02140	80.0			40	110	
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM									160-527615	0.0870	0.06750	77.6			40	110	
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM	160-531336	7.61	7.265	95		75	125											
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM	160-531336	0.0268	0.02140	80.0		40	110											
PARCEL G	LABQC	LCS 160-527615-1	905	10099-97-2	Strontium-90	7.265	pCi/g	LCS	SQ	09/19/2021			N	0.198	0.198	0.198	0.858	pCi/g	NO	TRG	LCS16052615LA	Y	271165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM	160-531336	0.0870	0.06750	77.6		40	110											
PARCEL G	LABQC	LCS 160-527616-2	905	10099-97-2	Strontium-90	7.892	pCi/g	LCS	SQ	09/19/2021			N	0.121	0.121	0.121	0.832	pCi/g	NO	TRG	LCS16052616LA	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 6:18:00 PM									160-527616	0.0268	0.02650	99.1			40	110	
PARCEL G	LABQC	LCS 160-527616-2	905	10099-97-2	Strontium-90	7.892	pCi/g	LCS	SQ	09/19/2021			N	0.121	0.121	0.121	0.832	pCi/g	NO	TRG	LCS16052616LA	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 6:18:00 PM									160-527616	0.0881	0.07050	80.0			40	110	
PARCEL G	LABQC	LCS 160-527616-2	905	10099-97-2	Strontium-90	7.892	pCi/g	LCS	SQ	09/19/2021			N	0.121	0.121	0.121	0.832	pCi/g	NO	TRG	LCS16052616LA	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 6:18:00 PM	160-530099	7.61	7.892	104		75	125											
PARCEL G	LABQC	LCS 160-527616-2	905	10099-97-2	Strontium-90	7.892	pCi/g	LCS	SQ	09/19/2021			N	0.121	0.121	0.121	0.832	pCi/g	NO	TRG	LCS16052616LA	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 6:18:00 PM	160-530099	0.0268	0.02650	99.1		40	110											
PARCEL G	LABQC	LCS 160-527616-2	905	10099-97-2	Strontium-90	7.892	pCi/g	LCS	SQ	09/19/2021			N	0.121	0.121	0.121	0.832	pCi/g	NO	TRG	LCS16052616LA	Y	201758	9/

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-531871-A	905	10099-87-2	Strontium-90	7.028	pCi/g	LCS	SQ	10/22/2021			N	0.154	0.154	0.154	0.765	pCi/g	NO	TRG	LCS16053187A	Y	295656	10/22/2021 1:05:00 PM	11/22/2021 2:38:00 PM	160-53185	0.0862	0.08090	91.7			40	110										
PARCEL G	LABQC	LCS 160-531871-A	905	10098-97-2	Strontium-90	7.028	pCi/g	LCS	SQ	10/22/2021			N	0.154	0.154	0.154	0.765	pCi/g	NO	TRG	LCS16053187A	Y	295656	10/22/2021 1:05:00 PM	11/22/2021 2:38:00 PM										160-531187	7.59	7.028	93			75	125
PARCEL G	LABQC	LCS 160-531871-A	905	10098-97-2	Strontium-90	7.028	pCi/g	LCS	SQ	10/22/2021			N	0.154	0.154	0.154	0.765	pCi/g	NO	TRG	LCS16053187A	Y	295656	10/22/2021 1:05:00 PM	11/22/2021 2:38:00 PM										160-531187	0.0368	0.02340	87.5			40	110
PARCEL G	LABQC	LCS 160-531871-A	905	10099-87-2	Strontium-90	7.028	pCi/g	LCS	SQ	10/22/2021			N	0.154	0.154	0.154	0.765	pCi/g	NO	TRG	LCS16053187A	Y	295656	10/22/2021 1:05:00 PM	11/22/2021 2:38:00 PM										160-531187	0.0862	0.08090	91.7			40	110
PARCEL G	LABQC	LCS 160-533461-A	905	10098-97-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM										160-533461	7.60	6.919	91			75	125
PARCEL G	LABQC	LCS 160-533461-A	905	10099-87-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM										160-533461	0.0368	0.02410	90.1			40	110
PARCEL G	LABQC	LCS 160-533461-A	905	10098-97-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM										160-533461	0.0884	0.1241	140			40	110
PARCEL G	LABQC	LCS 160-533461-A	905	10099-87-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM	160-53165	7.60	6.919	91			75	125										
PARCEL G	LABQC	LCS 160-533461-A	905	10098-97-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM	160-53165	0.0368	0.02410	90.1			40	110										
PARCEL G	LABQC	LCS 160-533461-A	905	10099-87-2	Strontium-90	6.919	pCi/g	LCS	SQ	10/25/2021			N	0.158	0.158	0.158	0.741	pCi/g	NO	TRG	LCS16053461A	Y	298461	10/25/2021 11:32:00 AM	11/4/2021 2:45:00 PM	160-53165	0.0884	0.1241	140			40	110										
PARCEL G	LABQC	LCS 160-533628-I	905	10098-97-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM	160-53165	7.60	6.072	80			75	125										
PARCEL G	LABQC	LCS 160-533628-I	905	10099-87-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM	160-53165	0.0368	0.01160	118			40	110										
PARCEL G	LABQC	LCS 160-533628-I	905	10098-97-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM	160-53165	0.0884	0.07480	84.6			40	110										
PARCEL G	LABQC	LCS 160-533628-I	905	10099-87-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM										160-533628	7.60	6.072	80			75	125
PARCEL G	LABQC	LCS 160-533628-I	905	10098-97-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM										160-533628	0.0368	0.01160	118			40	110
PARCEL G	LABQC	LCS 160-533628-I	905	10099-87-2	Strontium-90	6.072	pCi/g	LCS	SQ	10/26/2021			N	0.154	0.154	0.154	0.656	pCi/g	NO	TRG	LCS16053628A	Y	295790	10/26/2021 2:48:00 PM	11/5/2021 4:11:00 PM										160-533628	0.0884	0.07480	84.6			40	110
PARCEL G	LABQC	LCS 160-533891-I	905	10098-97-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM										160-533891	7.60	7.303	96			75	125
PARCEL G	LABQC	LCS 160-533891-I	905	10099-87-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM										160-533891	0.0368	0.02550	95.3			40	110
PARCEL G	LABQC	LCS 160-533891-I	905	10098-97-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM										160-533891	0.0884	0.07830	88.6			40	110
PARCEL G	LABQC	LCS 160-533891-I	905	10099-87-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM	160-53253	0.0884	0.07830	88.6			40	110										
PARCEL G	LABQC	LCS 160-533891-I	905	10098-97-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM	160-53253	7.60	7.303	96			75	125										
PARCEL G	LABQC	LCS 160-533891-I	905	10099-87-2	Strontium-90	7.303	pCi/g	LCS	SQ	10/27/2021			N	0.134	0.134	0.134	0.787	pCi/g	NO	TRG	LCS16053891A	Y	298984	10/27/2021 1:17:00 PM	11/5/2021 4:24:00 PM	160-53253	0.0368	0.02550	95.3			40	110										
PARCEL G	LABQC	LCS 160-534015-I	905	10098-97-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM	160-53527	7.59	7.540	99			75	125										
PARCEL G	LABQC	LCS 160-534015-I	905	10099-87-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM	160-53527	0.0368	0.02340	87.5			40	110										
PARCEL G	LABQC	LCS 160-534015-I	905	10098-97-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM	160-53527	0.0884	0.07020	79.4			40	110										
PARCEL G	LABQC	LCS 160-534015-I	905	10099-87-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM										160-534015	7.59	7.540	99			75	125
PARCEL G	LABQC	LCS 160-534015-I	905	10098-97-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM										160-534015	0.0368	0.02340	87.5			40	110
PARCEL G	LABQC	LCS 160-534015-I	905	10099-87-2	Strontium-90	7.540	pCi/g	LCS	SQ	10/28/2021			N	0.172	0.172	0.172	0.847	pCi/g	NO	TRG	LCS16054015A	Y	299935	10/28/2021 1:00:00 PM	11/8/2021 5:18:00 PM										160-534015	0.0884	0.07020	79.4			40	110
PARCEL G	LABQC	LCS 160-534296-I-A	905	7440-24-6	Total Beta Strontium	7.159	pCi/g	LCS	SQ	10/29/2021			N	0.0871	0.0871	0.0871	0.590	pCi/g	NO	TRG	LCS16054296A	Y	295790	10/29/2021 4:34:00 PM	11/19/2021 7:39:00 AM	160-53574	7.59	7.159	94			75	125										
PARCEL G	LABQC	LCS 160-534296-I-A	905	7440-24-6	Total Beta Strontium	7.159	pCi/g	LCS	SQ	10/29/2021			N	0.0871	0.0871	0.0871	0.590	pCi/g	NO	TRG	LCS16054296A	Y	295790	10/29/2021 4:34:00 PM	11/19/2021 7:39:00 AM	160-53574	0.0884	0.07480	84.6			40	110										
PARCEL G	LABQC	LCS 160-534296-I-A	905	7440-24-6	Total Beta Strontium	7.159	pCi/g	LCS	SQ	10/29/2021			N	0.0871	0.0871	0.0871	0.590	pCi/g	NO	TRG	LCS16054296A	Y	295790	10/29/2021 4:34:00 PM	11/19/2021 7:39:00 AM										160-534296	7.59	7.159	94			75	125
PARCEL G	LABQC	LCS 160-534296-I-A	905	7440-24-6	Total Beta Strontium	7.159	pCi/g	LCS	SQ	10/29/2021			N	0.0871	0.0871	0.0871	0.590	pCi/g	NO	TRG	LCS16054296A	Y	295790	10/29/2021 4:34:00 PM	11/19/2021 7:39:00 AM										160-534296	0.0884	0.07480	84.6			40	110
PARCEL G	LABQC	LCS 160-535176-I	905	10098-97-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176	7.59	7.505	99			75	125
PARCEL G	LABQC	LCS 160-535176-I	905	10099-87-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176	0.0368	0.02530	94.6			40	110
PARCEL G	LABQC	LCS 160-535176-I	905	10098-97-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM										160-535176	0.0882	0.07470	84.7			40	110
PARCEL G	LABQC	LCS 160-535176-I	905	10099-87-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-53574	7.59	7.505	99			75	125										
PARCEL G	LABQC	LCS 160-535176-I	905	10098-97-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-53574	0.0368	0.02530	94.6			40	110										
PARCEL G	LABQC	LCS 160-535176-I	905	10099-87-2	Strontium-90	7.505	pCi/g	LCS	SQ	11/04/2021			N	0.220	0.220	0.220	0.810	pCi/g	NO	TRG	LCS16053761A	Y	299513	11/4/2021 12:37:00 PM	11/19/2021 1:31:00 PM	160-53574	0.0882	0.07470	84.7			40	110										
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10098-97-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM	160-53460	3.03	3.123	103			75	125										
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10098-97-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM	160-53460	0.00270	0.002700	100			40	110										
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10099-87-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM	160-53460	0.00920	0.007100	77.2			40	110										
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10098-97-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM										160-535178	3.03	3.123	103			75	125
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10099-87-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM										160-535178	0.00270	0.002700	100			40	110
PARCEL G	LABQC	LCS 160-535178-I	ST-RC-0058	10098-97-2	Strontium-90	3.123	pCi/g	LCS	SQ	11/04/2021			N	0.0359	0.0359	0.0359	0.320	pCi/g	NO	TRG	LCS16053761A	Y	295885	11/4/2021 12:43:00 PM	11/26/2021 6:59:00 PM										160-535178	0.00920	0.007100	77.2			40	110
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10098-97-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM										160-535223	3.03	3.561	117			75	125
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10099-87-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM										160-535223	0.00160	0.001600	100			40	110
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10098-97-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM										160-535223	0.00920	0.007700	83.7			40	110
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10099-87-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM										160-535223	3.03	3.561	117			75	125
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10098-97-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM	160-53849	0.00160	0.001600	100			40	110										
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10099-87-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	296435	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM	160-53849	0.00920	0.007700	83.7			40	110										
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10098-97-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	318316	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM	160-53849	3.03	3.561	117			75	125										
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10099-87-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	318316	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM	160-53849	0.00160	0.001600	100			40	110										
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10098-97-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	318316	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM	160-53849	0.00920	0.007700	83.7			40	110										
PARCEL G	LABQC	LCS 160-535223-I	ST-RC-0058	10099-87-2	Strontium-90	3.561	pCi/g	LCS	SQ	11/05/2021			N	0.0468	0.0468	0.0468	0.355	pCi/g	NO	TRG	LCS16053223A	Y	318316	11/5/2021 11:15:00 AM	11/24/2021 9:41:00 PM										160-535223	3.03	3.561	117			75	125
PARCEL G	LABQC	LCS 160-535411-I	905	10098-97-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM	160-54582	7.56	7.498	99			75	125										
PARCEL G	LABQC	LCS 160-535411-I	905	10099-87-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM	160-54582	0.0368	0.02410	90.1			40	110										
PARCEL G	LABQC	LCS 160-535411-I	905	10098-97-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM	160-54582	0.0862	0.07050	77.3			40	110										
PARCEL G	LABQC	LCS 160-535411-I	905	10099-87-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM										160-535411	7.56	7.498	99			75	125
PARCEL G	LABQC	LCS 160-535411-I	905	10098-97-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM										160-535411	0.0368	0.02410	90.1			40	110
PARCEL G	LABQC	LCS 160-535411-I	905	10099-87-2	Strontium-90	7.498	pCi/g	LCS	SQ	11/08/2021			N	0.186	0.186	0.186	0.852	pCi/g	NO	TRG	LCS16054111A	Y	303416	11/8/2021 10:20:00 AM	1/11/2022 5:28:00 PM										160-535411	0.0862	0.07050	77.3			40	110
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10098-97-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-53574	3.03	2.989	99			75	125										
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10099-87-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-53574	0.00160	0.001600	100			40	110										
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10098-97-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM	160-53574	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10099-87-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM										160-53613	3.03	2.989	99			75	125
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10098-97-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM										160-53613	0.00160	0.001600	100			40	110
PARCEL G	LABQC	LCS 160-535813-I	ST-RC-0058	10099-87-2	Strontium-90	2.989	pCi/g	LCS	SQ	11/10/2021			N	0.0462	0.0462	0.0462	0.298	pCi/g	NO	TRG	LCS16053813A	Y	296145	11/10/2021 10:49:00 AM	11/29/2021 5:18:00 PM										160-53613	0.00920	0.008700	94.6			40	110
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10098-97-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM										160-53662	3.03	3.052	101			75	125
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10099-87-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM										160-53662	0.00200	0.002000	100			40	110
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10098-97-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM										160-53662	0.00920	0.006900	75.0			40	110
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10099-87-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM										160-53662	0.00920	0.006900	75.0			40	110
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10098-97-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM	160-53541	3.03	3.052	101			75	125										
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10099-87-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N	0.0619	0.0619	0.0619	0.317	pCi/g	NO	TRG	LCS16053062A	Y	344899	11/11/2021 1:05:00 PM	11/30/2021 1:23:00 PM	160-53541	0.00200	0.002000	100			40	110										
PARCEL G	LABQC	LCS 160-536062-I	ST-RC-0058	10098-97-2	Strontium-90	3.052	pCi/g	LCS	SQ	11/11/2021			N

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM									160-541313	3.02	3.178	105			75	125	
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM									160-541313	0.00202	0.002200	100			40	110	
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM									160-541313	0.00920	0.008000	87.0			40	110	
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM	160-546947	3.02	3.178	105		75	125										
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM	160-546947	0.00220	0.002200	100		40	110										
PARCEL G	LABQC	LCS 160-541313/1-A	ST-RC-056	10099-97-2	Strontium-90	3.178	pCi/g	LCS	SQ	12/22/2021			N	0.0674	0.0674	0.0674	0.323	pCi/g	NO	TRG	LCS160541313/A	Y	300276	12/22/2021 1:15:00 AM	1/18/2022 9:58:00 PM	160-546947	0.00920	0.008000	87.0		40	110										
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM									160-541317	3.02	3.293	109			75	125	
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM									160-541317	0.00202	0.002900	100			40	110	
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM									160-541317	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-546393	3.02	3.293	109		75	125										
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-546393	0.00200	0.002900	100		40	110										
PARCEL G	LABQC	LCS 160-541317/1-A	ST-RC-056	10099-97-2	Strontium-90	3.293	pCi/g	LCS	SQ	12/22/2021			N	0.0743	0.0743	0.0743	0.335	pCi/g	NO	TRG	LCS160541317/A	Y	303384	12/22/2021 1:15:00 AM	1/13/2022 9:16:00 PM	160-546393	0.00920	0.007900	85.9		40	110										
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM									160-542194	3.02	3.228	107			75	125	
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM									160-542194	0.00310	0.003100	100			40	110	
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM									160-542194	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM	160-546233	3.02	3.228	107		75	125										
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM	160-546233	0.00310	0.003100	100		40	110										
PARCEL G	LABQC	LCS 160-542194/1-A	ST-RC-056	10099-97-2	Strontium-90	3.228	pCi/g	LCS	SQ	12/15/2021			N	0.0589	0.0589	0.0589	0.321	pCi/g	NO	TRG	LCS160542194/A	Y	299280	12/15/2021 2:11:00 PM	1/13/2022 4:05:00 PM	160-546233	0.00920	0.008800	95.7		40	110										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	3.02	3.903	129			75	125	
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	0.00460	0.004000	100			40	110	
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	0.00920	0.007500	81.5			40	110	
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	3.02	3.903	129		75	125										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	0.00460	0.004000	100		40	110										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	303384	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	0.00920	0.007500	81.5		40	110										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	3.02	3.903	129		75	125										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	0.00460	0.004000	100		40	110										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM	160-546214	0.00920	0.007500	81.5		40	110										
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	3.02	3.903	129			75	125	
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	0.00460	0.004000	100			40	110	
PARCEL G	LABQC	LCS 160-542195/1-A	ST-RC-056	10099-97-2	Strontium-90	3.903	pCi/g	LCS	SQ	12/15/2021	J	J	N	0.0635	0.0635	0.0635	0.385	pCi/g	NO	TRG	LCS160542195/A	Y	336562	12/15/2021 2:20:00 PM	1/13/2022 5:26:00 PM									160-542395	0.00920	0.007500	81.5			40	110	
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-546710	3.03	2.993	99		75	125										
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-546710	0.00100	0.001000	100		40	110										
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-546710	0.00920	0.007900	85.9		40	110										
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM									160-542340	3.03	2.993	99			75	125	
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM									160-542340	0.00100	0.001000	100			40	110	
PARCEL G	LABQC	LCS 160-542340/1-A	ST-RC-056	10099-97-2	Strontium-90	2.993	pCi/g	LCS	SQ	12/15/2021			N	0.0599	0.0599	0.0599	0.306	pCi/g	NO	TRG	LCS160542340/A	Y	307373	12/15/2021 4:46:00 PM	1/4/2022 8:26:00 PM	160-546710	0.00920	0.007900	85.9		40	110										
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM	160-546424	7.56	8.046	106		75	125										
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM	160-546424	0.0268	0.02320	86.7		40	110										
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM	160-546424	0.0890	0.07160	80.4		40	110										
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM									160-542373	7.56	8.046	106			75	125	
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM									160-542373	0.0268	0.02320	86.7			40	110	
PARCEL G	LABQC	LCS 160-542373/1-A	905	10099-97-2	Strontium-90	8.046	pCi/g	LCS	SQ	12/16/2021			N	0.227	0.227	0.227	0.883	pCi/g	NO	TRG	LCS160542373/A	Y	308164	12/16/2021 11:42:00 AM	1/14/2022 5:29:00 PM									160-542373	0.0890	0.07160	80.4			40	110	
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM	160-547123	3.02	3.480	114		75	125										
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM	160-547123	0.00420	0.004200	100		40	110										
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM	160-547123	0.00920	0.008300	90.2		40	110										
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM									160-543125	3.02	3.480	114			75	125	
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM									160-543125	0.00420	0.004200	100			40	110	
PARCEL G	LABQC	LCS 160-543125/1-A	ST-RC-056	10099-97-2	Strontium-90	3.480	pCi/g	LCS	SQ	12/21/2021			N	0.0707	0.0707	0.0707	0.346	pCi/g	NO	TRG	LCS160543125/A	Y	300238	12/21/2021 1:47:00 PM	1/18/2022 9:39:00 PM									160-543125	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	3.02	3.518	116		75	125										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	0.00460	0.004600	100		40	110										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	0.00920	0.008500	92.4		40	110										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	3.02	3.518	116			75	125	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	0.00460	0.004600	100			40	110	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	318424	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	3.02	3.518	116		75	125										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	0.00460	0.004600	100		40	110										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM	160-546233	0.00920	0.008500	92.4		40	110										
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	3.02	3.518	116			75	125	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	0.00460	0.004600	100			40	110	
PARCEL G	LABQC	LCS 160-543126/1-A	ST-RC-056	10099-97-2	Strontium-90	3.518	pCi/g	LCS	SQ	12/21/2021			N	0.0589	0.0589	0.0589	0.346	pCi/g	NO	TRG	LCS160543126/A	Y	320278	12/21/2021 1:49:00 PM	1/13/2022 5:40:00 PM									160-543126	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM	160-547796	3.02	3.514	116		75	125										
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM	160-547796	0.00340	0.003400	100		40	110										
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM	160-547796	0.00920	0.009000	97.8		40	110										
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM									160-543504	3.02	3.514	116			75	125	
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM									160-543504	0.00340	0.003400	100			40	110	
PARCEL G	LABQC	LCS 160-543504/1-A	ST-RC-056	10099-97-2	Strontium-90	3.514	pCi/g	LCS	SQ	12/23/2021			N	0.0520	0.0520	0.0520	0.343	pCi/g	NO	TRG	LCS160543504/A	Y	344587	12/23/2021 1:27:00 PM	1/24/2022 8:41:00 PM									160-543504	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	LCS 160-543581/23-B	ST-RC-056	10099-97-2	Strontium-90	3.163	pCi/g	LCS	SQ	12/27/2021			N	0.0589	0.0589	0.0589	0.315	pCi/g	NO	TRG	LCS160543581/23-B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:24:00 PM									160-543581	3.02	3.163	105			75	125	
PARCEL G	LABQC	LCS 160-543581/23-B	ST-RC-056	10099-97-2	Strontium-90	3.163	pCi/g	LCS	SQ	12/27/2021			N	0.0589	0.0589	0.0589	0.315	pCi/g	NO	TRG	LCS160543581/23-B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:24:00 PM									160-543581	0.00320	0.003200	100			40	110	
PARCEL G	LABQC	LCS 160-543581/23-B	ST-RC-056	10099-97-2	Strontium-90	3.163	pCi/g	LCS	SQ	12/27/2021			N	0.0589	0.0589	0.0589	0.315	pCi/g	NO	TRG	LCS160543581/23-B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:24:00 PM									160-543581	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	LCS 160-543581/23-B	ST-RC-056	10099-97-2	Strontium-90	3.163	pCi/g	LCS	SQ	12/27/2021			N	0.0589	0.0589	0.0589	0.315	pCi/g	NO	TRG	LCS160543581/23-B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:24:00 PM	160-546233	3.02	3.163	105		75	125										
PARCEL G	LABQC	LCS 160-543581/23-B	ST-RC-056	10099-97-2	Strontium-90	3.163	pCi/g	LCS	SQ	12/27/2021

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-548018/1-A	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760	7.55	8.007	106			75	125										
PARCEL G	LABQC	LCS 160-548018/1-B	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760	0.0268	0.02440	91.2			40	110										
PARCEL G	LABQC	LCS 160-548018/1-C	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM	160-546760	0.0888	0.07640	86.0			40	110										
PARCEL G	LABQC	LCS 160-548018/1-D	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-548018	7.55	8.007	106			75	125	
PARCEL G	LABQC	LCS 160-548018/1-E	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-548018	0.0268	0.02440	91.2			40	110	
PARCEL G	LABQC	LCS 160-548018/1-F	905	10099-87-2	Strontium-90	8.007	pCi/g	LCS	SQ	01/25/2022			N	0.212	0.212	0.212	0.864	pCi/g	NO	TRG	LCS160548018A	Y	307646	1/25/2022 1:59:00 PM	2/8/2022 4:56:00 PM										160-548018	0.0888	0.07640	86.0			40	110	
PARCEL G	LABQC	LCS 160-548021/1-A	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM										160-548021	7.55	7.140	95			75	125	
PARCEL G	LABQC	LCS 160-548021/1-B	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM										160-548021	0.0880	0.07160	80.4			40	110	
PARCEL G	LABQC	LCS 160-548021/1-C	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM	160-546461	7.55	7.140	95			75	125										
PARCEL G	LABQC	LCS 160-548021/1-D	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM	160-546461	0.0880	0.07160	80.4			40	110										
PARCEL G	LABQC	LCS 160-548021/1-E	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM	160-551191	3.02	3.177	105			75	125										
PARCEL G	LABQC	LCS 160-548021/1-F	905	7440-24-6	Total Beta Strontium	7.140	pCi/g	LCS	SQ	01/25/2022			N	0.0723	0.0723	0.0723	0.593	pCi/g	NO	TRG	LCS160548021A	Y	308164	1/25/2022 2:33:00 PM	1/28/2022 6:53:00 AM	160-551191	0.00270	0.002700	100			40	110										
PARCEL G	LABQC	LCS 160-548420/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM	160-551191	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	LCS 160-548420/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM	160-551191	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	LCS 160-548420/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM										160-548420	3.02	3.177	105			75	125	
PARCEL G	LABQC	LCS 160-548420/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM										160-548420	0.00270	0.002700	100			40	110	
PARCEL G	LABQC	LCS 160-548420/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM										160-548420	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	LCS 160-548420/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.177	pCi/g	LCS	SQ	01/27/2022			N	0.0591	0.0591	0.0591	0.331	pCi/g	NO	TRG	LCS160548420A	Y	334110	1/27/2022 1:01:00 PM	2/17/2022 4:57:00 PM										160-548426	3.02	3.599	119			75	125	
PARCEL G	LABQC	LCS 160-548426/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM										160-548426	0.00190	0.001900	100			40	110	
PARCEL G	LABQC	LCS 160-548426/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM										160-548426	0.00920	0.008200	89.1			40	110	
PARCEL G	LABQC	LCS 160-548426/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM	160-551038	3.02	3.599	119			75	125										
PARCEL G	LABQC	LCS 160-548426/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM	160-551038	0.00190	0.001900	100			40	110										
PARCEL G	LABQC	LCS 160-548426/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM	160-551038	0.00920	0.008200	89.1			40	110										
PARCEL G	LABQC	LCS 160-548426/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.599	pCi/g	LCS	SQ	01/27/2022			N	0.0485	0.0485	0.0485	0.354	pCi/g	NO	TRG	LCS160548426A	Y	334237	1/27/2022 1:21:00 PM	2/16/2022 7:24:00 PM										160-548943	3.02	3.476	115			75	125	
PARCEL G	LABQC	LCS 160-548943/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM										160-548943	0.00300	0.002800	100			40	110	
PARCEL G	LABQC	LCS 160-548943/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM										160-548943	0.00920	0.007800	84.8			40	110	
PARCEL G	LABQC	LCS 160-548943/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM																		
PARCEL G	LABQC	LCS 160-548943/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM	160-552530	3.02	3.476	115			75	125										
PARCEL G	LABQC	LCS 160-548943/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM	160-552530	0.00300	0.003000	100			40	110										
PARCEL G	LABQC	LCS 160-548943/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.476	pCi/g	LCS	SQ	01/31/2022			N	0.0564	0.0564	0.0564	0.346	pCi/g	NO	TRG	LCS160548943A	Y	342290	1/31/2022 11:08:00 AM	2/25/2022 3:17:00 PM	160-552530	0.00920	0.007800	84.8			40	110										
PARCEL G	LABQC	LCS 160-548961/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM	160-551061	3.02	3.109	103			75	125										
PARCEL G	LABQC	LCS 160-548961/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM	160-551061	0.00100	0.001000	100			40	110										
PARCEL G	LABQC	LCS 160-548961/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM	160-551061	0.00920	0.009000	97.8			40	110										
PARCEL G	LABQC	LCS 160-548961/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM										160-548961	3.02	3.109	103			75	125	
PARCEL G	LABQC	LCS 160-548961/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM										160-548961	0.00180	0.001800	100			40	110	
PARCEL G	LABQC	LCS 160-548961/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.109	pCi/g	LCS	SQ	01/31/2022			N	0.0574	0.0574	0.0574	0.311	pCi/g	NO	TRG	LCS160548961A	Y	334310	1/31/2022 1:14:00 PM	2/17/2022 9:25:00 PM										160-548961	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	LCS 160-548969/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM	160-551062	3.02	3.139	104			75	125										
PARCEL G	LABQC	LCS 160-548969/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM	160-551062	0.00210	0.002100	100			40	110										
PARCEL G	LABQC	LCS 160-548969/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM	160-551062	0.00920	0.008900	96.7			40	110										
PARCEL G	LABQC	LCS 160-548969/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM										160-548969	3.02	3.139	104			75	125	
PARCEL G	LABQC	LCS 160-548969/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM										160-548969	0.00210	0.002100	100			40	110	
PARCEL G	LABQC	LCS 160-548969/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.139	pCi/g	LCS	SQ	01/31/2022			N	0.0477	0.0477	0.0477	0.312	pCi/g	NO	TRG	LCS160548969A	Y	341159	1/31/2022 2:10:00 PM	2/17/2022 4:22:00 PM										160-548969	0.00920	0.008900	96.7			40	110	
PARCEL G	LABQC	LCS 160-548989/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM										160-548989	3.02	3.145	101			75	125	
PARCEL G	LABQC	LCS 160-548989/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM										160-548989	0.00110	0.001100	100			40	110	
PARCEL G	LABQC	LCS 160-548989/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM	160-552019	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	LCS 160-548989/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM																		
PARCEL G	LABQC	LCS 160-548989/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM	160-552019	3.02	3.045	101			75	125										
PARCEL G	LABQC	LCS 160-548989/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.045	pCi/g	LCS	SQ	02/01/2022			N	0.0492	0.0492	0.0492	0.303	pCi/g	NO	TRG	LCS160548989A	Y	343854	2/1/2022 7:22:00 AM	2/23/2022 9:27:00 PM	160-552019	0.00110	0.001100	100			40	110										
PARCEL G	LABQC	LCS 160-549012/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM	160-551980	3.02	3.002	100			75	125										
PARCEL G	LABQC	LCS 160-549012/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM	160-551980	0.00120	0.001200	100			40	110										
PARCEL G	LABQC	LCS 160-549012/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM	160-551980	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	LCS 160-549012/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM										160-549012	3.02	3.002	100			75	125	
PARCEL G	LABQC	LCS 160-549012/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM										160-549012	0.00120	0.001200	100			40	110	
PARCEL G	LABQC	LCS 160-549012/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.002	pCi/g	LCS	SQ	02/01/2022			N	0.0571	0.0571	0.0571	0.304	pCi/g	NO	TRG	LCS160549012A	Y	338775	2/1/2022 9:34:00 AM	2/22/2022 5:32:00 PM										160-549012	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	LCS 160-549016/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM	160-551979	3.02	3.150	104			75	125										
PARCEL G	LABQC	LCS 160-549016/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM	160-551979	0.00220	0.002300	100			40	110										
PARCEL G	LABQC	LCS 160-549016/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM	160-551979	0.00920	0.008600	93.5			40	110										
PARCEL G	LABQC	LCS 160-549016/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM										160-549016	3.02	3.150	104			75	125	
PARCEL G	LABQC	LCS 160-549016/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM										160-549016	0.00220	0.002300	100			40	110	
PARCEL G	LABQC	LCS 160-549016/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.150	pCi/g	LCS	SQ	02/01/2022			N	0.0514	0.0514	0.0514	0.315	pCi/g	NO	TRG	LCS160549016A	Y	343331	2/1/2022 11:11:00 AM	2/22/2022 5:27:00 PM										160-549016	0.00920	0.008600	93.5			40	110	
PARCEL G	LABQC	LCS 160-549022/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM	160-552149	3.02	3.188	106			75	125										
PARCEL G	LABQC	LCS 160-549022/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM	160-552149	0.00200	0.002000	100			40	110										
PARCEL G	LABQC	LCS 160-549022/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM	160-552149	0.00920	0.009000	97.8			40	110										
PARCEL G	LABQC	LCS 160-549022/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022	3.02	3.188	106			75	125	
PARCEL G	LABQC	LCS 160-549022/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022	0.00200	0.002000	100			40	110	
PARCEL G	LABQC	LCS 160-549022/1-F	ST-RC-0058	10099-87-2	Strontium-90	3.188	pCi/g	LCS	SQ	02/01/2022			N	0.0509	0.0509	0.0509	0.315	pCi/g	NO	TRG	LCS160549022A	Y	343332	2/1/2022 11:32:00 AM	2/23/2022 9:19:00 PM										160-549022	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	LCS 160-549231/1-A	ST-RC-0058	10099-87-2	Strontium-90	3.549	pCi/g	LCS	SQ	02/08/2022			N	0.0469	0.0469	0.0469	0.344	pCi/g	NO	TRG	LCS160549231A	Y	341483	2/9/2022 5:33:00 PM	2/25/2022 8:22:00 PM	160-552522	3.02	3.549	118			75	125										
PARCEL G	LABQC	LCS 160-549231/1-B	ST-RC-0058	10099-87-2	Strontium-90	3.549	pCi/g	LCS	SQ	02/08/2022			N	0.0469	0.0469	0.0469	0.344	pCi/g	NO	TRG	LCS160549231A	Y	341483	2/9/2022 5:33:00 PM	2/25/2022 8:22:00 PM	160-552522	0.00310	0.003100	100			40	110										
PARCEL G	LABQC	LCS 160-549231/1-C	ST-RC-0058	10099-87-2	Strontium-90	3.549	pCi/g	LCS	SQ	02/08/2022			N	0.0469	0.0469	0.0469	0.344	pCi/g	NO	TRG	LCS160549231A	Y	341483	2/9/2022 5:33:00 PM	2/25/2022 8:22:00 PM	160-552522	0.00920	0.009000	97.8			40	110										
PARCEL G	LABQC	LCS 160-549231/1-D	ST-RC-0058	10099-87-2	Strontium-90	3.549	pCi/g	LCS	SQ	02/08/2022			N	0.0469	0.0469	0.0469	0.344	pCi/g	NO	TRG	LCS160549231A	Y	341483	2/9/2022 5:33:00 PM	2/25/2022 8:22:00 PM										160-549231	0.00310	0.003100	100			40	110	
PARCEL G	LABQC	LCS 160-549231/1-E	ST-RC-0058	10099-87-2	Strontium-90	3.549	pCi/g	LCS	SQ	02/08/2022			N	0.0469	0.0469	0.0469	0.344	pCi/g	NO	T

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ
PARCEL G	LABQC	LCS 160-550031/1-A	905	10099-97-2	Strontium-90	7.914	pCi/g	LCS	SQ	02/11/2022			N	0.208	0.208	0.864
PARCEL G	LABQC	LCS 160-550031/1-A	905	10099-97-2	Strontium-90	7.914	pCi/g	LCS	SQ	02/11/2022			N	0.208	0.208	0.864
PARCEL G	LABQC	LCS 160-551253/1-A	ST-RC-0058	10099-97-2	Strontium-90	3.180	pCi/g	LCS	SQ	02/18/2022			N	0.0498	0.0498	0.0498

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	LCS 160-563896/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.610	pCi/g	LCS	SQ	02/05/2022			N	0.0245	0.0245	0.0245	0.275	pCi/g	NO	TRG	LCS16056380B1A	Y	344411	2/5/2022 4:55:00 PM	5/5/2022 4:52:00 PM	160-563913	3.00	2.610	87			75	125										
PARCEL G	LABQC	LCS 160-563896/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.610	pCi/g	LCS	SQ	02/05/2022			N	0.0245	0.0245	0.0245	0.275	pCi/g	NO	TRG	LCS16056380B1A	Y	344411	2/5/2022 4:55:00 PM	5/5/2022 4:52:00 PM	160-563913	0.00920	0.08800	87.0			40	110										
PARCEL G	LABQC	LCS 160-563897/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.679	pCi/g	LCS	SQ	02/10/2022			N	0.0267	0.0267	0.0267	0.279	pCi/g	NO	TRG	LCS16056387B1A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 5:05:00 PM	160-563914	3.00	2.679	89			75	125										
PARCEL G	LABQC	LCS 160-563897/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.679	pCi/g	LCS	SQ	02/10/2022			N	0.0267	0.0267	0.0267	0.279	pCi/g	NO	TRG	LCS16056387B1A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 5:05:00 PM	160-563914	0.00920	0.08800	96.7			40	110										
PARCEL G	LABQC	LCS 160-563897/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.679	pCi/g	LCS	SQ	02/10/2022			N	0.0267	0.0267	0.0267	0.279	pCi/g	NO	TRG	LCS16056387B1A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 5:05:00 PM									160-563997	3.00	2.679	89			75	125	
PARCEL G	LABQC	LCS 160-563897/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.679	pCi/g	LCS	SQ	02/10/2022			N	0.0267	0.0267	0.0267	0.279	pCi/g	NO	TRG	LCS16056387B1A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 5:05:00 PM									160-563997	0.00920	0.08800	96.7			40	110	
PARCEL G	LABQC	LCS 160-563740/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.702	pCi/g	LCS	SQ	05/04/2022			N	0.0258	0.0258	0.0258	0.282	pCi/g	NO	TRG	LCS16056740A	Y	353455	5/4/2022 4:41:00 PM	5/24/2022 2:51:00 PM									160-563746	3.00	2.702	90			75	125	
PARCEL G	LABQC	LCS 160-563740/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.702	pCi/g	LCS	SQ	05/04/2022			N	0.0258	0.0258	0.0258	0.282	pCi/g	NO	TRG	LCS16056740A	Y	353455	5/4/2022 4:41:00 PM	5/24/2022 2:51:00 PM									160-563746	0.00920	0.09800	93.3			40	110	
PARCEL G	LABQC	LCS 160-563740/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.702	pCi/g	LCS	SQ	05/04/2022			N	0.0258	0.0258	0.0258	0.282	pCi/g	NO	TRG	LCS16056740A	Y	353455	5/4/2022 4:41:00 PM	5/24/2022 2:51:00 PM	160-563747	3.00	2.702	90			75	125										
PARCEL G	LABQC	LCS 160-563740/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.702	pCi/g	LCS	SQ	05/04/2022			N	0.0258	0.0258	0.0258	0.282	pCi/g	NO	TRG	LCS16056740A	Y	353455	5/4/2022 4:41:00 PM	5/24/2022 2:51:00 PM	160-563747	0.0105	0.09800	93.3			40	110										
PARCEL G	LABQC	LCS 160-563748/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.945	pCi/g	LCS	SQ	05/04/2022			N	0.0273	0.0273	0.0273	0.307	pCi/g	NO	TRG	LCS16056748A	Y	353625	5/4/2022 4:48:00 PM	5/25/2022 7:05:00 AM									160-563748	3.00	2.945	98			75	125	
PARCEL G	LABQC	LCS 160-563748/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.945	pCi/g	LCS	SQ	05/04/2022			N	0.0273	0.0273	0.0273	0.307	pCi/g	NO	TRG	LCS16056748A	Y	353625	5/4/2022 4:48:00 PM	5/25/2022 7:05:00 AM									160-563748	0.00920	0.09800	88.6			40	110	
PARCEL G	LABQC	LCS 160-563748/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.945	pCi/g	LCS	SQ	05/04/2022			N	0.0273	0.0273	0.0273	0.307	pCi/g	NO	TRG	LCS16056748A	Y	353625	5/4/2022 4:48:00 PM	5/25/2022 7:05:00 AM	160-563756	3.00	2.945	98			75	125										
PARCEL G	LABQC	LCS 160-563748/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.945	pCi/g	LCS	SQ	05/04/2022			N	0.0273	0.0273	0.0273	0.307	pCi/g	NO	TRG	LCS16056748A	Y	353625	5/4/2022 4:48:00 PM	5/25/2022 7:05:00 AM	160-563756	0.0105	0.09800	88.6			40	110										
PARCEL G	LABQC	LCS 160-563737/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.936	pCi/g	LCS	SQ	05/05/2022			N	0.0256	0.0256	0.0256	0.304	pCi/g	NO	TRG	LCS16056737A	Y	353774	5/5/2022 10:16:00 AM	5/24/2022 8:46:00 AM									160-563737	3.00	2.936	98			75	125	
PARCEL G	LABQC	LCS 160-563737/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.936	pCi/g	LCS	SQ	05/05/2022			N	0.0256	0.0256	0.0256	0.304	pCi/g	NO	TRG	LCS16056737A	Y	353774	5/5/2022 10:16:00 AM	5/24/2022 8:46:00 AM									160-563737	0.0105	0.09800	94.3			40	110	
PARCEL G	LABQC	LCS 160-563737/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.936	pCi/g	LCS	SQ	05/05/2022			N	0.0256	0.0256	0.0256	0.304	pCi/g	NO	TRG	LCS16056737A	Y	353774	5/5/2022 10:16:00 AM	5/24/2022 8:46:00 AM	160-563747	3.00	2.936	98			75	125										
PARCEL G	LABQC	LCS 160-563737/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.936	pCi/g	LCS	SQ	05/05/2022			N	0.0256	0.0256	0.0256	0.304	pCi/g	NO	TRG	LCS16056737A	Y	353774	5/5/2022 10:16:00 AM	5/24/2022 8:46:00 AM	160-563747	0.0105	0.09800	94.3			40	110										
PARCEL G	LABQC	LCS 160-563874/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.913	pCi/g	LCS	SQ	05/05/2022			N	0.0250	0.0250	0.0250	0.304	pCi/g	NO	TRG	LCS16056874A	Y	354616	5/5/2022 10:20:00 AM	5/23/2022 1:09:00 PM									160-563874	3.00	2.913	97			75	125	
PARCEL G	LABQC	LCS 160-563874/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.913	pCi/g	LCS	SQ	05/05/2022			N	0.0250	0.0250	0.0250	0.304	pCi/g	NO	TRG	LCS16056874A	Y	354616	5/5/2022 10:20:00 AM	5/23/2022 1:09:00 PM									160-563874	0.0105	0.09200	87.6			40	110	
PARCEL G	LABQC	LCS 160-563874/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.913	pCi/g	LCS	SQ	05/05/2022			N	0.0250	0.0250	0.0250	0.304	pCi/g	NO	TRG	LCS16056874A	Y	354616	5/5/2022 10:20:00 AM	5/23/2022 1:09:00 PM	160-564898	3.00	2.913	97			75	125										
PARCEL G	LABQC	LCS 160-563874/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.913	pCi/g	LCS	SQ	05/05/2022			N	0.0250	0.0250	0.0250	0.304	pCi/g	NO	TRG	LCS16056874A	Y	354616	5/5/2022 10:20:00 AM	5/23/2022 1:09:00 PM	160-564898	0.0105	0.09200	87.6			40	110										
PARCEL G	LABQC	LCS 160-563875/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.691	pCi/g	LCS	SQ	05/05/2022			N	0.0241	0.0241	0.0241	0.283	pCi/g	NO	TRG	LCS16056875A	Y	353779	5/5/2022 10:24:00 AM	5/24/2022 9:04:00 AM	160-563748	3.00	2.691	90			75	125										
PARCEL G	LABQC	LCS 160-563875/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.691	pCi/g	LCS	SQ	05/05/2022			N	0.0241	0.0241	0.0241	0.283	pCi/g	NO	TRG	LCS16056875A	Y	353779	5/5/2022 10:24:00 AM	5/24/2022 9:04:00 AM	160-563748	0.0105	0.09000	85.7			40	110										
PARCEL G	LABQC	LCS 160-563875/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.691	pCi/g	LCS	SQ	05/05/2022			N	0.0241	0.0241	0.0241	0.283	pCi/g	NO	TRG	LCS16056875A	Y	353779	5/5/2022 10:24:00 AM	5/24/2022 9:04:00 AM									160-563875	3.00	2.691	90			75	125	
PARCEL G	LABQC	LCS 160-563875/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.691	pCi/g	LCS	SQ	05/05/2022			N	0.0241	0.0241	0.0241	0.283	pCi/g	NO	TRG	LCS16056875A	Y	353779	5/5/2022 10:24:00 AM	5/24/2022 9:04:00 AM									160-563875	0.0105	0.09000	85.7			40	110	
PARCEL G	LABQC	LCS 160-563881/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.968	pCi/g	LCS	SQ	05/05/2022			N	0.0264	0.0264	0.0264	0.309	pCi/g	NO	TRG	LCS16056881A	Y	354389	5/5/2022 11:23:00 AM	5/24/2022 2:51:00 PM	160-563747	3.00	2.968	99			75	125										
PARCEL G	LABQC	LCS 160-563881/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.968	pCi/g	LCS	SQ	05/05/2022			N	0.0264	0.0264	0.0264	0.309	pCi/g	NO	TRG	LCS16056881A	Y	354389	5/5/2022 11:23:00 AM	5/24/2022 2:51:00 PM	160-563747	0.0105	0.09400	89.5			40	110										
PARCEL G	LABQC	LCS 160-563881/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.968	pCi/g	LCS	SQ	05/05/2022			N	0.0264	0.0264	0.0264	0.309	pCi/g	NO	TRG	LCS16056881A	Y	354389	5/5/2022 11:23:00 AM	5/24/2022 2:51:00 PM									160-563881	3.00	2.968	99			75	125	
PARCEL G	LABQC	LCS 160-563881/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.968	pCi/g	LCS	SQ	05/05/2022			N	0.0264	0.0264	0.0264	0.309	pCi/g	NO	TRG	LCS16056881A	Y	354389	5/5/2022 11:23:00 AM	5/24/2022 2:51:00 PM									160-563881	0.0105	0.09400	89.5			40	110	
PARCEL G	LABQC	LCS 160-563882/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.590	pCi/g	LCS	SQ	05/05/2022			N	0.0291	0.0291	0.0291	0.276	pCi/g	NO	TRG	LCS16056882A	Y	354253	5/5/2022 11:27:00 AM	5/26/2022 11:28:00 AM									160-563882	3.00	2.590	86			75	125	
PARCEL G	LABQC	LCS 160-563882/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.590	pCi/g	LCS	SQ	05/05/2022			N	0.0291	0.0291	0.0291	0.276	pCi/g	NO	TRG	LCS16056882A	Y	354253	5/5/2022 11:27:00 AM	5/26/2022 11:28:00 AM									160-563882	0.0105	0.09700	75.2			40	110	
PARCEL G	LABQC	LCS 160-563882/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.590	pCi/g	LCS	SQ	05/05/2022			N	0.0291	0.0291	0.0291	0.276	pCi/g	NO	TRG	LCS16056882A	Y	354253	5/5/2022 11:27:00 AM	5/26/2022 11:28:00 AM	160-567418	3.00	2.590	86			75	125										
PARCEL G	LABQC	LCS 160-563882/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.590	pCi/g	LCS	SQ	05/05/2022			N	0.0291	0.0291	0.0291	0.276	pCi/g	NO	TRG	LCS16056882A	Y	354253	5/5/2022 11:27:00 AM	5/26/2022 11:28:00 AM	160-567418	0.0105	0.09700	75.2			40	110										
PARCEL G	LABQC	LCS 160-563884/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.960	pCi/g	LCS	SQ	05/05/2022			N	0.0240	0.0240	0.0240	0.308	pCi/g	NO	TRG	LCS16056884A	Y	354257	5/5/2022 11:32:00 AM	5/27/2022 8:47:00 AM	160-563747	3.00	2.960	99			75	125										
PARCEL G	LABQC	LCS 160-563884/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.960	pCi/g	LCS	SQ	05/05/2022			N	0.0240	0.0240	0.0240	0.308	pCi/g	NO	TRG	LCS16056884A	Y	354257	5/5/2022 11:32:00 AM	5/27/2022 8:47:00 AM	160-563747	0.0105	0.09900	90.5			40	110										
PARCEL G	LABQC	LCS 160-563884/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.960	pCi/g	LCS	SQ	05/05/2022			N	0.0240	0.0240	0.0240	0.308	pCi/g	NO	TRG	LCS16056884A	Y	354257	5/5/2022 11:32:00 AM	5/27/2022 8:47:00 AM									160-563884	3.00	2.960	99			75	125	
PARCEL G	LABQC	LCS 160-563884/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.960	pCi/g	LCS	SQ	05/05/2022			N	0.0240	0.0240	0.0240	0.308	pCi/g	NO	TRG	LCS16056884A	Y	354257	5/5/2022 11:32:00 AM	5/27/2022 8:47:00 AM									160-563884	0.0105	0.09900	90.5			40	110	
PARCEL G	LABQC	LCS 160-563886/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.962	pCi/g	LCS	SQ	05/05/2022			N	0.0285	0.0285	0.0285	0.309	pCi/g	NO	TRG	LCS16056886A	Y	354112	5/5/2022 11:36:00 AM	5/25/2022 6:32:00 PM	160-563756	3.00	2.962	99			75	125										
PARCEL G	LABQC	LCS 160-563886/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.962	pCi/g	LCS	SQ	05/05/2022			N	0.0285	0.0285	0.0285	0.309	pCi/g	NO	TRG	LCS16056886A	Y	354112	5/5/2022 11:36:00 AM	5/25/2022 6:32:00 PM	160-563756	0.0105	0.09800	84.8			40	110										
PARCEL G	LABQC	LCS 160-563886/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.962	pCi/g	LCS	SQ	05/05/2022			N	0.0285	0.0285	0.0285	0.309	pCi/g	NO	TRG	LCS16056886A	Y	354112	5/5/2022 11:36:00 AM	5/25/2022 6:32:00 PM									160-563886	3.00	2.962	99			75	125	
PARCEL G	LABQC	LCS 160-563886/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.962	pCi/g	LCS	SQ	05/05/2022			N	0.0285	0.0285	0.0285	0.309	pCi/g	NO	TRG	LCS16056886A	Y	354112	5/5/2022 11:36:00 AM	5/25/2022 6:32:00 PM									160-563886	0.0105	0.09800	84.8			40	110	
PARCEL G	LABQC	LCS 160-563889/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.879	pCi/g	LCS	SQ	05/05/2022			N	0.0252	0.0252	0.0252	0.300	pCi/g	NO	TRG	LCS16056889A	Y	354288	5/5/2022 11:42:00 AM	5/27/2022 11:29:00 AM	160-567634	3.00	2.879	96			75	125										
PARCEL G	LABQC	LCS 160-563889/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.879	pCi/g	LCS	SQ	05/05/2022			N	0.0252	0.0252	0.0252	0.300	pCi/g	NO	TRG	LCS16056889A	Y	354288	5/5/2022 11:42:00 AM	5/27/2022 11:29:00 AM	160-567634	0.0105	0.09400	89.5			40	110										
PARCEL G	LABQC	LCS 160-563889/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.879	pCi/g	LCS	SQ	05/05/2022			N	0.0252	0.0252	0.0252	0.300	pCi/g	NO	TRG	LCS16056889A	Y	354288	5/5/2022 11:42:00 AM	5/27/2022 11:29:00 AM									160-563889	3.00	2.879	96			75	125	
PARCEL G	LABQC	LCS 160-563889/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.879	pCi/g	LCS	SQ	05/05/2022			N	0.0252	0.0252	0.0252	0.300	pCi/g	NO	TRG	LCS16056889A	Y	354288	5/5/2022 11:42:00 AM	5/27/2022 11:29:00 AM									160-563889	0.0105	0.09400	89.5			40	110	
PARCEL G	LABQC	LCS 160-563890/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.094	pCi/g	LCS	SQ	05/05/2022			N	0.0320	0.0320	0.0320	0.323	pCi/g	NO	TRG	LCS16056890A	Y	355240	5/5/2022 11:52:00 AM	5/27/2022 1:39:00 PM	160-563633	3.00	3.094	103			75	125										
PARCEL G	LABQC	LCS 160-563890/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.094	pCi/g	LCS	SQ	05/05/2022			N	0.0320	0.0320	0.0320	0.323	pCi/g	NO	TRG	LCS16056890A	Y	355240	5/5/2022 11:52:00 AM	5/27/2022 1:39:00 PM	160-563633	0.0105	0.09800	84.8			40	110										
PARCEL G	LABQC	LCS 160-563890/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.094	pCi/g	LCS	SQ	05/05/2022			N	0.0320	0.0320	0.0320	0.323	pCi/g	NO	TRG	LCS16056890A	Y	355240	5/5/2022 11:52:00 AM	5/27/2022 1:39:00 PM									160-563890	3.00	3.094	103			75	125	
PARCEL G	LABQC	LCS 160-563890/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.094	pCi/g	LCS	SQ	05/05/2022			N	0.0320	0.0320	0.0320	0.323	pCi/g	NO	TRG	LCS16056890A	Y	355240	5/5/2022 11:52:00 AM	5/27/2022 1:39:00 PM									160-563890	0.0105	0.09800	84.8			40	110	
PARCEL G	LABQC	LCS 160-563892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.796	pCi/g	LCS	SQ	05/05/2022			N	0.0298	0.0298	0.0298	0.294	pCi/g	NO	TRG	LCS16056892A	Y	354301	5/5/2022 12:19:00 PM	5/24/2022 6:54:00 PM									160-563892	3.00	2.796	93			75	125	
PARCEL G	LABQC	LCS 160-563892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.796	pCi/g	LCS	SQ	05/05/2022			N	0.0298	0.0298	0.0298	0.294	pCi/g	NO	TRG	LCS16056892A	Y	354301	5/5/2022 12:19:00 PM	5/24/2022 6:54:00 PM									160-563892	0.0105	0.09300	85.7			40	110	
PARCEL G	LABQC	LCS 160-563892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.796	pCi/g	LCS	SQ	05/05/2022			N	0.0298	0.0298	0.0298	0.294	pCi/g	NO	TRG	LCS16056892A	Y	354301	5/5/2022 12:19:00 PM	5/24/2022 6:54:00 PM	160-567047	3.00	2.796	93			75	125										
PARCEL G	LABQC	LCS 160-563892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.796	pCi/g	LCS	SQ	05/05/2022			N	0.0298	0.0298	0.0298	0.294	pCi/g	NO	TRG	LCS16056892A	Y	354301	5/5/2022 12:19:00 PM	5/24/2022 6:54:00 PM	160-567047	0.0105	0.09300	85.7			40	110										
PARCEL G	LABQC	LCS 160-563893/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.845	pCi/g	LCS	SQ	05/05/2022			N	0.0246	0.0246	0.0246	0.298	pCi/g	NO	TRG	LCS16056893A	Y	354341	5/5/2022 12:22:00 PM	5/25/2022 7:49:00 AM	160-567257	3.00	2.845	95			75	125										
PARCEL G	LABQC	LCS 160-563893/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.845	pCi/g	LCS	SQ	05/05/2022			N	0.0246	0.0246	0.0246	0.298	pCi/g	NO	TRG	LCS16056893A	Y	354341	5/5/2022 12:22:00 PM	5/25/2022 7:49:00 AM	160-567257	0.0105	0.09100	86.7			40	110										
PARCEL G	LABQC	LCS 160-563893/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.845	pCi/g	LCS	SQ	05/05/2022			N	0.0246	0.0246	0.0246	0.298	pCi/g	NO	TRG	LCS16056893A	Y	354341	5/5/2022 12:22:00 PM	5/25/2022 7:49:00 AM									160-563893	3.00	2.845	95			75	125	
PARCEL G	LABQC	LCS 160-563893/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.845	pCi/g	LCS	SQ	05/05/2022			N	0.0246	0.0246	0.0246	0.298	pCi/g	NO	TRG	LCS16056893A	Y	354341	5/5/2022 12:22:00 PM	5/25/2022 7:49:00 AM									160-563893	0.0105	0.09100	86.7			40	110	
PARCEL G	LABQC	LCS 160-563894/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.073	pCi/g	LCS	SQ	05/05/2022			N	0.0293	0.0293	0.0293	0.323	pCi/g	NO	TRG	LCS16056894A	Y	354113	5/5/2022 12:25:00 PM	5/26/2022 8:46:00 AM									160-563894	3.00	3.073	102			75	125	
PARCEL G	LABQC	LCS 160-563894/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.073	pCi/g	LCS	SQ	05/05/2022			N	0.0293	0.0293	0.0293	0.323	pCi/g	NO	TRG	LCS16056894A	Y	354113	5/5/2022 12:25:00 PM	5/26/2022 8:46:00 AM									160-563894	0.0105	0.09800	79.0			40	110	
PARCEL G	LABQC	LCS 160-563894/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.073	pCi/g	LCS	SQ	05/05/2022			N	0.0293	0.0293	0.0293	0.323	pCi/g	NO	TRG	LCS16056894A	Y	354113	5/5/2022 12:25:00 PM	5/26/2022 8:46:00 AM	160-567447	3.00	2.863	95			75	125										
PARCEL G	LABQC	LCS 160-563894/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	3.073	pCi/g	LCS	SQ	05/05/2022			N	0.0293	0.0293	0.0293	0.323	pCi/g	NO	TRG	LCS16056894A	Y	354113	5/5/2022 12:25:00 PM	5/26/2022 8:46:00 AM	160-567447	0.0105	0.09800	79.0			40	110										
PARCEL G	LABQC	LCS 160-563895/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.863	pCi/g	LCS	SQ	05/05/2022			N	0.0287	0.0287	0.0287	0.300	pCi/g	NO	TRG	LCS16056895A	Y	355102	5/5/2022 12:31:00 PM	5/26/2022 8:41:00 AM	160-567447	3.00	2.863	95			75	125										
PARCEL G	LABQC	LCS 160-563895/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.863	pCi/g	LCS	SQ	05/05/2022			N	0.0287	0.0287	0.0287	0.300	pCi/g	NO	TRG	LCS16056895A	Y	355102	5/5/2022 12:31:00 PM	5/26/2022 8:41:00 AM	160-567447	0.0105	0.09800	84.8			40	110										
PARCEL G	LABQC	LCS 160-564713/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.863	pCi/g	LCS	SQ	05/09/2022			N	0.0287	0.0287	0.0287	0.300	pCi/g	NO	TRG	LCS16056713A	Y	355102	5/9/2022 3:36:00 PM	5/26/2022 8:41:00 AM									160-564713	3.00	2.863	95			75	125	
PARCEL G	LABQC	LCS 160-564713/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.863	pCi/g	LCS	SQ	05/09/2022			N	0.0287	0.0287	0.0287	0.300	pCi/g	NO	TRG	LCS16056713A	Y	355102	5/9/2022 3:36:00 PM	5/26/2022 8:41:00 AM									160-564713	0.0105	0.09800	84.8			40	110	
PARCEL G	LABQC	LCS 160-564892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.678	pCi/g	LCS	SQ	05/11/2022			N	0.0279	0.0279	0.0279	0.282	pCi/g	NO	TRG	LCS16056492A	Y	354253	5/11/2022 1:38:00 PM	5/27/2022 7:21:00 AM	160-567634	3.00	2.678	89			75	125										
PARCEL G	LABQC	LCS 160-564892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.678	pCi/g	LCS	SQ	05/11/2022			N	0.0279	0.0279	0.0279	0.282	pCi/g	NO	TRG	LCS16056492A	Y	354253	5/11/2022 1:38:00 PM	5/27/2022 7:21:00 AM	160-567634	0.0105	0.09200	86.7			40	110										
PARCEL G	LABQC	LCS 160-564892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.678	pCi/g	LCS	SQ	05/11/2022			N	0.0279	0.0279	0.0279	0.282	pCi/g	NO	TRG	LCS16056492A	Y	354253	5/11/2022 1:38:00 PM	5/27/2022 7:21:00 AM									160-564892	3.00	2.678	89			75	125	
PARCEL G	LABQC	LCS 160-564892/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	2.678	pCi/g	LCS	SQ	05/11/2022			N	0.0279	0.0279	0

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-492111/23-A	905	10098-87-2	Strontium-90	-0.03798	pCi/g	MB	SQ	12/16/2020	U	U	N	0.106	0.106	0.106	0.125	pCi/g	NO	TRG	MB1604921112ZA	N	135663	12/16/2020 2:29:00 PM	1/4/2021 1:58:00 PM										160-492111	0.0756	0.07320	96.8			40	110	
PARCEL G	LABQC	MB 160-493201/23-A	905	10098-87-2	Strontium-90	0.09294	pCi/g	MB	SQ	12/28/2020			N	0.0915	0.0915	0.0915	0.123	pCi/g	NO	TRG	MB1604930212SA	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:30:00 PM	160-494113	0.0268	0.02420	90.5			40	110											
PARCEL G	LABQC	MB 160-493201/23-A	905	10098-87-2	Strontium-90	0.09294	pCi/g	MB	SQ	12/28/2020			N	0.0915	0.0915	0.0915	0.123	pCi/g	NO	TRG	MB1604930212SA	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:30:00 PM	160-494113	0.0756	0.07780	103			40	110											
PARCEL G	LABQC	MB 160-493201/23-A	905	10098-87-2	Strontium-90	0.09294	pCi/g	MB	SQ	12/28/2020			N	0.0915	0.0915	0.0915	0.123	pCi/g	NO	TRG	MB1604930212SA	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:30:00 PM										160-493201	0.0268	0.02420	90.5			40	110	
PARCEL G	LABQC	MB 160-493201/23-A	905	10098-87-2	Strontium-90	0.09294	pCi/g	MB	SQ	12/28/2020			N	0.0915	0.0915	0.0915	0.123	pCi/g	NO	TRG	MB1604930212SA	Y	132434	12/28/2020 5:03:00 PM	1/6/2021 5:30:00 PM										160-493201	0.0756	0.07780	103			40	110	
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	132434	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM										160-493370	0.0268	0.02270	84.9			40	110	
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	132434	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM										160-493370	0.0756	0.07760	103			40	110	
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	132434	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM	160-494269	0.0268	0.02270	84.9			40	110											
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	132434	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM	160-494269	0.0756	0.07760	103			40	110											
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	202691	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM	160-494269	0.0268	0.02270	84.9			40	110											
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	202691	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM	160-494269	0.0756	0.07760	103			40	110											
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	202691	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM										160-493370	0.0268	0.02270	84.9			40	110	
PARCEL G	LABQC	MB 160-493370/23-A	905	10098-87-2	Strontium-90	0.01482	pCi/g	MB	SQ	12/29/2020	U	U	N	0.120	0.120	0.120	0.148	pCi/g	NO	TRG	MB1604933702ZA	N	202691	12/29/2020 9:17:00 PM	1/7/2021 4:12:00 PM										160-493370	0.0756	0.07760	103			40	110	
PARCEL G	LABQC	MB 160-496230/23-A	905	7440-24-6	Total Beta Strontium	-0.1325	pCi/g	MB	SQ	01/22/2021	U	U	N	0.0865	0.0865	0.0865	0.0921	pCi/g	NO	TRG	MB1604962306A	N	142272	1/22/2021 8:52:00 AM	2/12/2021 10:40:00 AM	160-496804	0.0835	0.0445	53.3			40	110											
PARCEL G	LABQC	MB 160-496230/6-A	905	7440-24-6	Total Beta Strontium	-0.1325	pCi/g	MB	SQ	01/22/2021	U	U	N	0.0865	0.0865	0.0865	0.0921	pCi/g	NO	TRG	MB1604962306A	N	142272	1/22/2021 8:52:00 AM	2/12/2021 10:40:00 AM										160-496230	0.0835	0.0445	53.3			40	110	
PARCEL G	LABQC	MB 160-496507-A	905	10098-87-2	Strontium-90	-0.1744	pCi/g	MB	SQ	01/27/2021	U	U	N	0.157	0.157	0.157	0.176	pCi/g	NO	TRG	MB1604965507A	N	145146	1/27/2021 6:16:00 PM	2/5/2021 2:52:00 PM	160-497944	0.0268	0.0234	87.5			40	110											
PARCEL G	LABQC	MB 160-496507-A	905	10098-87-2	Strontium-90	-0.1744	pCi/g	MB	SQ	01/27/2021	U	U	N	0.157	0.157	0.157	0.176	pCi/g	NO	TRG	MB1604965507A	N	145146	1/27/2021 6:16:00 PM	2/5/2021 2:52:00 PM	160-497944	0.0835	0.0751	89.9			40	110											
PARCEL G	LABQC	MB 160-496507-A	905	10098-87-2	Strontium-90	-0.1744	pCi/g	MB	SQ	01/27/2021	U	U	N	0.157	0.157	0.157	0.176	pCi/g	NO	TRG	MB1604965507A	N	145146	1/27/2021 6:16:00 PM	2/5/2021 2:52:00 PM										160-496850	0.0268	0.0234	87.5			40	110	
PARCEL G	LABQC	MB 160-496507-A	905	10098-87-2	Strontium-90	-0.1744	pCi/g	MB	SQ	01/27/2021	U	U	N	0.157	0.157	0.157	0.176	pCi/g	NO	TRG	MB1604965507A	N	145146	1/27/2021 6:16:00 PM	2/5/2021 2:52:00 PM										160-496850	0.0835	0.0751	89.9			40	110	
PARCEL G	LABQC	MB 160-496807-A	905	7440-24-6	Total Beta Strontium	0.03605	pCi/g	MB	SQ	01/27/2021	U	U	N	0.0441	0.0441	0.0441	0.0577	pCi/g	NO	TRG	MB1604968007A	N	145146	1/27/2021 8:48:00 PM	2/22/2021 10:38:00 AM										160-496860	0.0835	0.0751	89.9			40	110	
PARCEL G	LABQC	MB 160-496807-A	905	7440-24-6	Total Beta Strontium	0.03605	pCi/g	MB	SQ	01/27/2021	U	U	N	0.0441	0.0441	0.0441	0.0577	pCi/g	NO	TRG	MB1604968007A	N	145146	1/27/2021 8:48:00 PM	2/22/2021 10:38:00 AM	160-499460	0.0835	0.0751	89.9			40	110											
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	143302	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM	160-518279	0.0336	0.03160	94.0			40	110											
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	143302	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM	160-518279	0.0882	0.07250	82.2			40	110											
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	143302	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM										160-516657	0.0336	0.03160	94.0			40	110	
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	143302	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM										160-516657	0.0882	0.07250	82.2			40	110	
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	143302	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM	160-518279	0.0336	0.03160	94.0			40	110											
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	325698	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM	160-518279	0.0882	0.07250	82.2			40	110											
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	325698	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM										160-516657	0.0336	0.03160	94.0			40	110	
PARCEL G	LABQC	MB 160-516657/23-A	905	10098-87-2	Strontium-90	0.06332	pCi/g	MB	SQ	06/30/2021	U	U	N	0.122	0.122	0.122	0.155	pCi/g	NO	TRG	MB1605166572ZA	N	325698	6/30/2021 9:37:00 AM	7/12/2021 5:13:00 PM										160-516657	0.0882	0.07250	82.2			40	110	
PARCEL G	LABQC	MB 160-517437/23-A	905	10098-87-2	Strontium-90	0.1853	pCi/g	MB	SQ	07/07/2021			N	0.121	0.121	0.121	0.166	pCi/g	NO	TRG	MB1605174372ZA	Y	147788	7/7/2021 9:54:00 AM	7/16/2021 7:16:00 PM	160-519025	0.0336	0.03560	106			40	110											
PARCEL G	LABQC	MB 160-517437/23-A	905	10098-87-2	Strontium-90	0.1853	pCi/g	MB	SQ	07/07/2021			N	0.121	0.121	0.121	0.166	pCi/g	NO	TRG	MB1605174372ZA	Y	147788	7/7/2021 9:54:00 AM	7/16/2021 7:16:00 PM	160-519025	0.0882	0.07530	85.4			40	110											
PARCEL G	LABQC	MB 160-517437/23-A	905	10098-87-2	Strontium-90	0.1853	pCi/g	MB	SQ	07/07/2021			N	0.121	0.121	0.121	0.166	pCi/g	NO	TRG	MB1605174372ZA	Y	147788	7/7/2021 9:54:00 AM	7/16/2021 7:16:00 PM										160-517437	0.0336	0.03560	106			40	110	
PARCEL G	LABQC	MB 160-517437/23-A	905	10098-87-2	Strontium-90	0.1853	pCi/g	MB	SQ	07/07/2021			N	0.121	0.121	0.121	0.166	pCi/g	NO	TRG	MB1605174372ZA	Y	147788	7/7/2021 9:54:00 AM	7/16/2021 7:16:00 PM										160-517437	0.0882	0.07530	85.4			40	110	
PARCEL G	LABQC	MB 160-518701/23-A	905	10098-87-2	Strontium-90	0.04231	pCi/g	MB	SQ	07/15/2021	U	U	N	0.176	0.176	0.176	0.219	pCi/g	NO	TRG	MB1605187012ZA	N	140992	7/15/2021 9:27:00 AM	7/26/2021 6:37:00 PM	160-520298	0.0869	0.05310	61.1			40	110											
PARCEL G	LABQC	MB 160-518701/23-A	905	10098-87-2	Strontium-90	0.04231	pCi/g	MB	SQ	07/15/2021	U	U	N	0.176	0.176	0.176	0.219	pCi/g	NO	TRG	MB1605187012ZA	N	140992	7/15/2021 9:27:00 AM	7/26/2021 6:37:00 PM	160-520298	0.0336	0.03170	94.3			40	110											
PARCEL G	LABQC	MB 160-518701/23-A	905	10098-87-2	Strontium-90	0.04231	pCi/g	MB	SQ	07/15/2021	U	U	N	0.176	0.176	0.176	0.219	pCi/g	NO	TRG	MB1605187012ZA	N	140992	7/15/2021 9:27:00 AM	7/26/2021 6:37:00 PM										160-518701	0.0336	0.03170	94.3			40	110	
PARCEL G	LABQC	MB 160-518701/23-A	905	10098-87-2	Strontium-90	0.04231	pCi/g	MB	SQ	07/15/2021	U	U	N	0.176	0.176	0.176	0.219	pCi/g	NO	TRG	MB1605187012ZA	N	140992	7/15/2021 9:27:00 AM	7/26/2021 6:37:00 PM										160-518701	0.0869	0.05310	61.1			40	110	
PARCEL G	LABQC	MB 160-518895/24-A	905	10098-87-2	Strontium-90	0.07805	pCi/g	MB	SQ	07/15/2021	U	U	N	0.182	0.182	0.182	0.229	pCi/g	NO	TRG	MB1605188912ZA	N	325698	7/15/2021 4:52:00 PM	7/27/2021 7:09:00 PM	160-520325	0.0336	0.03420	102			40	110											
PARCEL G	LABQC	MB 160-518895/24-A	905	10098-87-2	Strontium-90	0.07805	pCi/g	MB	SQ	07/15/2021	U	U	N	0.182	0.182	0.182	0.229	pCi/g	NO	TRG	MB1605188912ZA	N	325698	7/15/2021 4:52:00 PM	7/27/2021 7:09:00 PM	160-520325	0.0869	0.05270	60.6			40	110											
PARCEL G	LABQC	MB 160-518895/24-A	905	10098-87-2	Strontium-90	0.07805	pCi/g	MB	SQ	07/15/2021	U	U	N	0.182	0.182	0.182	0.229	pCi/g	NO	TRG	MB1605188912ZA	N	325698	7/15/2021 4:52:00 PM	7/27/2021 7:09:00 PM										160-518895	0.0336	0.03420	102			40	110	
PARCEL G	LABQC	MB 160-518895/24-A	905	10098-87-2	Strontium-90	0.07805	pCi/g	MB	SQ	07/15/2021	U	U	N	0.182	0.182	0.182	0.229	pCi/g	NO	TRG	MB1605188912ZA	N	325698	7/15/2021 4:52:00 PM	7/27/2021 7:09:00 PM										160-518895	0.0869	0.05270	60.6			40	110	
PARCEL G	LABQC	MB 160-518893/4-A	905	10098-87-2	Strontium-90	0.07374	pCi/g	MB	SQ	07/15/2021	U	U	N	0.146	0.146	0.146	0.185	pCi/g	NO	TRG	MB1605188934A	N	140608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM	160-520110	0.0336	0.03180	94.6			40	110											
PARCEL G	LABQC	MB 160-518893/4-A	905	10098-87-2	Strontium-90	0.07374	pCi/g	MB	SQ	07/15/2021	U	U	N	0.146	0.146	0.146	0.185	pCi/g	NO	TRG	MB1605188934A	N	140608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM	160-520110	0.0869	0.06740	77.6			40	110											
PARCEL G	LABQC	MB 160-518893/4-A	905	10098-87-2	Strontium-90	0.07374	pCi/g	MB	SQ	07/15/2021	U	U	N	0.146	0.146	0.146	0.185	pCi/g	NO	TRG	MB1605188934A	N	140608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM										160-518893	0.0336	0.03180	94.6			40	110	
PARCEL G	LABQC	MB 160-518893/4-A	905	10098-87-2	Strontium-90	0.07374	pCi/g	MB	SQ	07/15/2021	U	U	N	0.146	0.146	0.146	0.185	pCi/g	NO	TRG	MB1605188934A	N	140608	7/15/2021 3:24:00 PM	7/25/2021 2:54:00 PM										160-518893	0.0869	0.06740	77.6			40	110	
PARCEL G	LABQC	MB 160-518938/23-A	905	10098-87-2	Strontium-90	0.06904	pCi/g	MB	SQ	07/16/2021	U	U	N	0.148	0.148	0.148	0.187	pCi/g	NO	TRG	MB1605189382SA	N	143074	7/16/2021 10:21:00 AM	7/28/2021 5:04:00 PM	160-520440	0.0336	0.03200	95.2			40	110											
PARCEL G	LABQC	MB 160-518938/23-A	905	10098-87-2	Strontium-90	0.06904	pCi/g	MB	SQ	07/16/2021	U	U	N	0.148	0.148	0.148	0.187	pCi/g	NO	TRG	MB1605189382SA	N	143074	7/16/2021 10:21:00 AM	7/28/2021 5:04:00 PM	160-520440	0.0869	0.06610	76.1			40	110											
PARCEL G	LABQC	MB 160-518938/23-A	905	10098-87-2	Strontium-90	0.06904	pCi/g	MB	SQ	07/16/2021	U	U	N	0.148	0.148	0.148	0.187	pCi/g	NO	TRG	MB1605189382SA	N	143074	7/16/2021 10:21:00 AM	7/28/2021 5:04:00 PM										160-518938	0.0336	0.03200	95.2			40	110	
PARCEL G	LABQC	MB 160-518938/23-A	905	10098-87-2	Strontium-90	0.06904	pCi/g	MB	SQ	07/16/2021	U	U	N	0.148	0.148	0.148	0.187	pCi/g	NO	TRG	MB1605189382SA	N	143074	7/16/2021 10:21:00 AM	7/28/2021 5:04:00 PM	160-520440	0.0869	0.06610	76.1			40	110											
PARCEL G	LABQC	MB 160-519394/23-A	905	10098-87-2	Strontium-90	0.04134	pCi/g	MB	SQ	07/20/2021	U	U	N	0.0468	0.0468	0.0468	0.0606	pCi/g	NO	TRG	MB1605193942ZA	N	141690	7/20/2021 12:00:00 PM	7/29/2021 7:09:00 PM	160-520677	0.0336	0.03110	92.6			40	110											
PARCEL G	LABQC	MB 160-519394/23-A	905	10098-87-2	Strontium-90	0.04134	pCi/g	MB	SQ	07/20/2021	U	U	N	0.0468	0.0468	0.0468	0.0606	pCi/g	NO	TRG	MB1605193942ZA	N	141690	7/20/2021 12:00:00 PM	7/29/2021 7:09:00 PM	160-520677	0.0869	0.07300	84.0			40	110											
PARCEL G	LABQC	MB 160-519394/23-A	905	10098-87-2	Strontium-90	0.04134	pCi/g	MB	SQ	07/20/2021	U	U	N	0.0468	0.0468	0.0468	0.0606	pCi/g	NO	TRG	MB1605193942ZA	N	141690	7/20/2021 12:00:00 PM	7/29/2021 7:09:00 PM										160-519394	0.0336	0.03110	92.6			40	110	
PARCEL G	LABQC	MB 160-519394/23-A	905	10098-87-2	Strontium-90	0.04134	pCi/g	MB	SQ	07/20/2021	U	U	N	0.0468	0.0468	0.0468	0.0606	pCi/g	NO	TRG	MB1605193942ZA	N	141690	7/20/2021 12:00:00 PM	7/29/2021 7:09:00 PM										160-519394	0.0869	0.07300	84.0			40	110	
PARCEL G	LABQC	MB 160-520125/23-A	905	10098-87-2	Strontium-90	0.2469	pCi/g	MB	SQ	07/26/2021			N	0.136	0.136	0.136	0.189	pCi/g	NO	TRG	MB1605201352ZA	Y	144088	7/26/2021 9:09:00 AM	8/5/2021 4:07:00 PM	160-521466	0.0336	0.03080	91.7			40	110											
PARCEL G	LABQC	MB 160-520125/23-A	905	10098-87-2	Strontium-90	0.2469	pCi/g	MB	SQ	07/26/2021			N	0.136	0.136	0.136	0.189	pCi/g	NO	TRG	MB1605201352ZA	Y	144088	7/26/2021 9:09:00 AM	8/5/2021 4:07:00 PM	160-521466	0.0869	0.07560	87.0			40	110											
PARCEL G	LABQC	MB 160-520365/23-A	905	10098-87-2	Strontium-90	-0.3072	pCi/g	MB	SQ	07/27/2021	U	U	N	0.171	0.171	0.171	0.180	pCi/g	NO	TRG	MB1605206352ZA	N	176117	7/27/2021 2:30:00 PM	8/6/2021 3:53:00 PM	160-521543	0.0336	0.03130	93.2			40	110											
PARCEL G	LABQC	MB 160-520365/23-A	905	10098-87-2	Strontium-90	-0.3072	pCi/g	MB	SQ	07/27/2021	U	U	N	0.171	0.171	0.171	0.180	pCi/g	NO	TRG	MB1605206352ZA	N	176117	7/27/2021 2:30:00 PM	8/6/2021 3:53:00 PM	160-521543	0.0869	0.06570	75.6			40	110											
PARCEL G	LABQC	MB 160-520365/23-A	905	10098-87-2	Strontium-90	-0.3072	pCi/g	MB	SQ	07/27/2021	U	U	N	0.171	0.171	0.171	0.180	pCi/g	NO	TRG	MB1605206352ZA	N	176117	7/27/2021 2:30:00 PM	8/6/2021 3:53:00 PM										160-520365	0.0336	0.03130	93.2			40	110	
PARCEL G	LABQC	MB 160-520365/23-A	905	10098-87-2	Strontium-90	-0.3072	pCi/g	MB	SQ	07/27/2021	U	U	N	0.171	0.171	0.171	0.180	pCi/g	NO	TRG	MB1605206352ZA	N	176117	7/27/2021 2:30:00 PM	8/6/2021 3:53:00 PM										160-520365	0.0869	0.06570	75.6			40	110	
PARCEL G	LABQC	MB 160-520833/9-A	905	10098-87-2	Strontium-90	-0.1730	pCi/g	MB	SQ	07/30/2021	U	U	N	0.160	0.160	0.160	0.179	pCi/g	NO	TRG	MB1605208338A	N	325698	7/30/2021 2:42:00 PM	8/11/2021 2:36:00 PM										160-520833	0.0336	0.02980	88.7			40	110	
PARCEL G	LABQC	MB 160-520833/9-A	905	10098-87-2	Strontium-90	-0.1730	pCi/g	MB	SQ	07/30/2021	U	U	N	0.160	0.160	0.160	0.179	pCi/g	NO	TRG	MB1605208338A	N	325698	7/30/2021 2:42:00 PM	8/11/2021 2:36:00 PM										160-520833	0.0869	0.07720	88.8			40	110	
PARCEL G	LABQC	MB 160-520833/9-A	905	10098-87-2	Strontium-90	-0.1730	pCi/g	MB	SQ	07/30/2021	U	U	N	0.160	0.160	0.160	0.179	pCi/g	NO	TRG	MB1605208338A	N	325698	7/30/2021 2:42:00 PM	8/11/2021 2:36:00 PM	160-521540	0.0336	0.02980	88.7			40	110											
PARCEL G	LABQC	MB 160-520833/9-A	905	10098-87-2	Strontium-90	-0.1730	pCi/g	MB	SQ	07/30/2021	U	U	N	0.160	0.160	0.160	0.179	pCi/g	NO	TRG	MB1605208338A	N	325698	7/30/2021 2:42:00 PM	8/11/2021 2:36:00 PM	160-521540	0.0869	0.07720	88.8			40	110											
PARCEL G	LABQC	MB 160-520878/23-A	905	10098-87-2	Strontium-90	-0.08215	pCi/g	MB	SQ	08/02/2021	U	U	N	0.165	0.165	0.165	0.193	pCi/g	NO	TRG	MB1605287872A	N	176407	8/2/2021 9:44:00 AM	8/12/2021 10:28:00 PM	160-521459	0.0336	0.03160	94.0			40	110											
PARCEL G	LABQC	MB 160-520878/23-A	905	10098-87-2	Strontium-90	-0.08215	pCi/g	MB	SQ	08/02/2021	U	U	N	0.165	0.165	0.165	0.193	pCi/g	NO	TRG	MB1605287872A	N	176407	8/2/2021 9:44:00 AM	8/12/2021 10:28:00 PM	160-521459	0.0869	0.07160	82.4			40	110											
PARCEL G	LABQC	MB 160-520878/23-A	905	10098-87-2	Strontium-90	-0.08215	pCi/g	MB	SQ	08/02/2021	U	U	N	0.165	0.165	0.165	0.193	pCi/g	NO	TRG	MB1605287872A	N	176407	8/2/2021 9:44:00 AM	8/12/2021 10:28:00 PM										160-520878	0.0336	0.03160	94.0			40	110	
PARCEL G	LABQC	MB 160-520878/23-A	905	10098-87-2	Strontium-90	-0.08215	pCi/g	MB	SQ	08/02/2021	U	U	N	0.165	0.165	0.165	0.193	pCi/g	NO	TRG	MB1605287872A	N	176407	8/2/2021 9:44:00 AM	8/12/2021 10:28:00 PM										160-520878	0.0869	0.07160	82.4			40	110	
PARCEL G	LABQC	MB 160-521382/23-A	905	10098-87-2	Strontium-90	0.1231	pCi/g	MB	SQ	08/04/2021	U	U	N	0.150	0.150	0.150	0.192	pCi/g	NO	TRG	MB1605213823ZA	N	177728	8/4/2021 3:30:00 PM	8/17/2021 3:44:00 PM										160-521382	0.0268	0.02490	93.1			40	110	
PARCEL G	LABQC	MB 160-521382/23-A	905	10098-87-2	Strontium-90	0.1231	pCi/g	MB	SQ	08/04/2021	U	U	N	0.150	0.150	0.150	0.192	pCi/g	NO	TRG	MB1605213823ZA	N	177728	8/4/2021 3:30:00 PM	8/17/2021 3:44:00 PM										160-521382	0.0869	0.07450	85.7			40	110	
PARCEL G	LABQC	MB 160-521382/23-A	905	10098-87-2	Strontium-90	0.1231	pCi/g	MB	SQ	08/04/2021	U	U	N	0.150	0.150	0.150	0.192	pCi/g	NO	TRG	MB1605213823ZA	N	177728	8/4/2021 3:30:00 PM	8/17/2021 3:44:00 PM	160-522858	0.0268	0.02490	93.1			40	110											
PARCEL G	LABQC	MB 160-521382/23-A	905	10098-87-2	Strontium-90	0.1231	pCi/g	MB	SQ	08/04/2021	U	U	N	0.150	0.150	0.150	0.192	pCi/g	NO	TRG	MB1605213823ZA	N	177728	8/4/2021 3:30:00 PM	8/17/2021 3:44:00 PM	160-522858	0.0869	0.07450	85.7			40	110											
PARCEL G	LABQC	MB 160-521454/23-A	905	10098-87-2	Strontium-90	0.06359	pCi/g	MB	SQ	08/05/2021	U	U	N	0.145	0.145	0.145	0.182	pCi/g	NO	TRG	MB1605214543A	N

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-526270/15-A	905	7440-24-6	Total Beta Stronturn	0.01179	pCi/g	MB	SQ	09/10/2021	U	U	N	0.0465	0.0465	0.0465	0.0578	pCi/g	NO	TRG	MB1605267201A	N	201985	9/10/2021 12:07:00 PM	10/8/2021 8:12:00 AM										160-526270	0.0870	0.07630	87.7			40	110	
PARCEL G	LABQC	MB 160-527064/15-A	905	10098-97-2	Stronturn-90	0.03647	pCi/g	MB	SQ	09/15/2021	U	U	N	0.165	0.165	0.165	0.203	pCi/g	NO	TRG	MB1605270641A	N	201985	9/15/2021 11:25:00 AM	9/24/2021 2:42:00 PM	160-528711	0.0268	0.02400	89.7		40	110											
PARCEL G	LABQC	MB 160-527064/15-A	905	10098-97-2	Stronturn-90	0.03647	pCi/g	MB	SQ	09/15/2021	U	U	N	0.165	0.165	0.165	0.203	pCi/g	NO	TRG	MB1605270641A	N	201985	9/15/2021 11:25:00 AM	9/24/2021 2:42:00 PM	160-528711	0.0870	0.07630	87.7		40	110											
PARCEL G	LABQC	MB 160-527064/15-A	905	10098-97-2	Stronturn-90	0.03647	pCi/g	MB	SQ	09/15/2021	U	U	N	0.165	0.165	0.165	0.203	pCi/g	NO	TRG	MB1605270641A	N	201985	9/15/2021 11:25:00 AM	9/24/2021 2:42:00 PM										160-527064	0.0268	0.02400	89.7			40	110	
PARCEL G	LABQC	MB 160-527064/15-A	905	10098-97-2	Stronturn-90	0.03647	pCi/g	MB	SQ	09/15/2021	U	U	N	0.165	0.165	0.165	0.203	pCi/g	NO	TRG	MB1605270641A	N	201985	9/15/2021 11:25:00 AM	9/24/2021 2:42:00 PM										160-527064	0.0870	0.07630	87.7			40	110	
PARCEL G	LABQC	MB 160-527382/15-A	905	10098-97-2	Stronturn-90	0.05470	pCi/g	MB	SQ	09/16/2021	U	U	N	0.137	0.137	0.137	0.172	pCi/g	NO	TRG	MB1605273821A	N	316931	9/16/2021 12:48:00 AM	9/28/2021 3:45:00 PM	160-529156	0.0268	0.02470	92.3		40	110											
PARCEL G	LABQC	MB 160-527382/15-A	905	10098-97-2	Stronturn-90	0.05470	pCi/g	MB	SQ	09/16/2021	U	U	N	0.137	0.137	0.137	0.172	pCi/g	NO	TRG	MB1605273821A	N	316931	9/16/2021 12:48:00 AM	9/28/2021 3:45:00 PM	160-529156	0.0876	0.07910	90.3		40	110											
PARCEL G	LABQC	MB 160-527382/15-A	905	10098-97-2	Stronturn-90	0.05470	pCi/g	MB	SQ	09/16/2021	U	U	N	0.137	0.137	0.137	0.172	pCi/g	NO	TRG	MB1605273821A	N	316931	9/16/2021 12:48:00 AM	9/28/2021 3:45:00 PM										160-527382	0.0268	0.02470	92.3			40	110	
PARCEL G	LABQC	MB 160-527382/15-A	905	10098-97-2	Stronturn-90	0.05470	pCi/g	MB	SQ	09/16/2021	U	U	N	0.137	0.137	0.137	0.172	pCi/g	NO	TRG	MB1605273821A	N	316931	9/16/2021 12:48:00 AM	9/28/2021 3:45:00 PM										160-527382	0.0876	0.07910	90.3			40	110	
PARCEL G	LABQC	MB 160-527605/15-A	905	10098-97-2	Stronturn-90	0.07886	pCi/g	MB	SQ	09/18/2021	U	U	N	0.147	0.147	0.147	0.185	pCi/g	NO	TRG	MB1605276051A	N	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM	160-529908	0.0268	0.02560	95.7		40	110											
PARCEL G	LABQC	MB 160-527605/15-A	905	10098-97-2	Stronturn-90	0.07886	pCi/g	MB	SQ	09/18/2021	U	U	N	0.147	0.147	0.147	0.185	pCi/g	NO	TRG	MB1605276051A	N	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM	160-529908	0.0881	0.06890	78.2		40	110											
PARCEL G	LABQC	MB 160-527605/15-A	905	10098-97-2	Stronturn-90	0.07886	pCi/g	MB	SQ	09/18/2021	U	U	N	0.147	0.147	0.147	0.185	pCi/g	NO	TRG	MB1605276051A	N	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM										160-527605	0.0268	0.02560	95.7			40	110	
PARCEL G	LABQC	MB 160-527605/15-A	905	10098-97-2	Stronturn-90	0.07886	pCi/g	MB	SQ	09/18/2021	U	U	N	0.147	0.147	0.147	0.185	pCi/g	NO	TRG	MB1605276051A	N	316934	9/18/2021 12:57:00 PM	10/4/2021 5:29:00 PM										160-527605	0.0881	0.06890	78.2			40	110	
PARCEL G	LABQC	MB 160-527615/15-A	905	10098-97-2	Stronturn-90	0.3865	pCi/g	MB	SQ	09/19/2021			N	0.180	0.180	0.180	0.258	pCi/g	NO	TRG	MB1605276151A	Y	273165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM										160-527615	0.0268	0.01680	70.3			40	110	
PARCEL G	LABQC	MB 160-527615/15-A	905	10098-97-2	Stronturn-90	0.3865	pCi/g	MB	SQ	09/19/2021			N	0.180	0.180	0.180	0.258	pCi/g	NO	TRG	MB1605276151A	Y	273165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM										160-527615	0.0870	0.07360	84.6			40	110	
PARCEL G	LABQC	MB 160-527615/15-A	905	10098-97-2	Stronturn-90	0.3865	pCi/g	MB	SQ	09/19/2021			N	0.180	0.180	0.180	0.258	pCi/g	NO	TRG	MB1605276151A	Y	273165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM	160-531156	0.0268	0.01880	70.3		40	110											
PARCEL G	LABQC	MB 160-527615/15-A	905	10098-97-2	Stronturn-90	0.3865	pCi/g	MB	SQ	09/19/2021			N	0.180	0.180	0.180	0.258	pCi/g	NO	TRG	MB1605276151A	Y	273165	9/19/2021 4:32:00 PM	10/12/2021 3:55:00 PM	160-531156	0.0870	0.07360	84.6		40	110											
PARCEL G	LABQC	MB 160-527616/15-A	905	10098-97-2	Stronturn-90	0.2295	pCi/g	MB	SQ	09/19/2021			N	0.132	0.132	0.132	0.185	pCi/g	NO	TRG	MB1605276161A	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:18:00 PM	160-530099	0.0268	0.02500	93.5		40	110											
PARCEL G	LABQC	MB 160-527616/15-A	905	10098-97-2	Stronturn-90	0.2295	pCi/g	MB	SQ	09/19/2021			N	0.132	0.132	0.132	0.185	pCi/g	NO	TRG	MB1605276161A	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:18:00 PM	160-530099	0.0881	0.06820	77.4		40	110											
PARCEL G	LABQC	MB 160-527616/15-A	905	10098-97-2	Stronturn-90	0.2295	pCi/g	MB	SQ	09/19/2021			N	0.132	0.132	0.132	0.185	pCi/g	NO	TRG	MB1605276161A	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:18:00 PM										160-527616	0.0268	0.02500	93.5			40	110	
PARCEL G	LABQC	MB 160-527616/15-A	905	10098-97-2	Stronturn-90	0.2295	pCi/g	MB	SQ	09/19/2021			N	0.132	0.132	0.132	0.185	pCi/g	NO	TRG	MB1605276161A	Y	201758	9/19/2021 6:29:00 PM	10/5/2021 4:18:00 PM										160-527616	0.0881	0.06820	77.4			40	110	
PARCEL G	LABQC	MB 160-527853/15-A	905	10098-97-2	Stronturn-90	0.2616	pCi/g	MB	SQ	09/21/2021			N	0.118	0.118	0.118	0.173	pCi/g	NO	TRG	MB1605278531A	Y	266190	9/21/2021 11:28:00 AM	10/11/2021 5:24:00 PM										160-527853	0.0268	0.02380	89.0			40	110	
PARCEL G	LABQC	MB 160-527853/15-A	905	10098-97-2	Stronturn-90	0.2616	pCi/g	MB	SQ	09/21/2021			N	0.118	0.118	0.118	0.173	pCi/g	NO	TRG	MB1605278531A	Y	266190	9/21/2021 11:28:00 AM	10/11/2021 5:24:00 PM										160-527853	0.0870	0.07730	88.9			40	110	
PARCEL G	LABQC	MB 160-527853/15-A	905	10098-97-2	Stronturn-90	0.2616	pCi/g	MB	SQ	09/21/2021			N	0.118	0.118	0.118	0.173	pCi/g	NO	TRG	MB1605278531A	Y	266190	9/21/2021 11:28:00 AM	10/11/2021 5:24:00 PM	160-530631	0.0268	0.02380	89.0		40	110											
PARCEL G	LABQC	MB 160-527853/15-A	905	10098-97-2	Stronturn-90	0.2616	pCi/g	MB	SQ	09/21/2021			N	0.118	0.118	0.118	0.173	pCi/g	NO	TRG	MB1605278531A	Y	266190	9/21/2021 11:28:00 AM	10/11/2021 5:24:00 PM	160-530631	0.0870	0.07730	88.9		40	110											
PARCEL G	LABQC	MB 160-528503/15-A	905	10098-97-2	Stronturn-90	0.3665	pCi/g	MB	SQ	09/23/2021			N	0.151	0.151	0.151	0.219	pCi/g	NO	TRG	MB1605285035A	Y	273176	9/23/2021 11:21:00 AM	10/6/2021 4:06:00 PM										160-528530	0.0268	0.02510	93.8			40	110	
PARCEL G	LABQC	MB 160-528503/15-A	905	10098-97-2	Stronturn-90	0.3665	pCi/g	MB	SQ	09/23/2021			N	0.151	0.151	0.151	0.219	pCi/g	NO	TRG	MB1605285035A	Y	273176	9/23/2021 11:21:00 AM	10/6/2021 4:06:00 PM										160-528530	0.0881	0.06420	72.9			40	110	
PARCEL G	LABQC	MB 160-528503/15-A	905	10098-97-2	Stronturn-90	0.3665	pCi/g	MB	SQ	09/23/2021			N	0.151	0.151	0.151	0.219	pCi/g	NO	TRG	MB1605285035A	Y	273176	9/23/2021 11:21:00 AM	10/6/2021 4:06:00 PM	160-533400	0.0268	0.02510	93.8		40	110											
PARCEL G	LABQC	MB 160-528503/15-A	905	10098-97-2	Stronturn-90	0.3665	pCi/g	MB	SQ	09/23/2021			N	0.151	0.151	0.151	0.219	pCi/g	NO	TRG	MB1605285035A	Y	273176	9/23/2021 11:21:00 AM	10/6/2021 4:06:00 PM	160-533400	0.0881	0.06420	72.9		40	110											
PARCEL G	LABQC	MB 160-528730/11-A	905	7440-24-6	Total Beta Stronturn	-0.003828	pCi/g	MB	SQ	09/24/2021	U	U	N	0.0982	0.0982	0.0982	0.0840	pCi/g	NO	TRG	MB1605287301A	N	274299	9/24/2021 12:11:00 PM	10/26/2021 8:13:00 PM										160-528730	0.0870	0.07250	83.3			40	110	
PARCEL G	LABQC	MB 160-528730/11-A	905	7440-24-6	Total Beta Stronturn	-0.003828	pCi/g	MB	SQ	09/24/2021	U	U	N	0.0982	0.0982	0.0982	0.0840	pCi/g	NO	TRG	MB1605287301A	N	274299	9/24/2021 12:11:00 PM	10/26/2021 8:13:00 PM	160-533603	0.0870	0.07250	83.3		40	110											
PARCEL G	LABQC	MB 160-529068/1-A	905	10098-97-2	Stronturn-90	-0.04846	pCi/g	MB	SQ	09/27/2021	U	U	N	0.237	0.237	0.237	0.198	pCi/g	NO	TRG	MB1605290681A	N	274587	9/27/2021 12:23:00 PM	10/14/2021 6:39:00 PM	160-531959	0.0876	0.06430	73.4		40	110											
PARCEL G	LABQC	MB 160-529068/1-A	905	10098-97-2	Stronturn-90	-0.04846	pCi/g	MB	SQ	09/27/2021	U	U	N	0.237	0.237	0.237	0.198	pCi/g	NO	TRG	MB1605290681A	N	274587	9/27/2021 12:23:00 PM	10/14/2021 6:39:00 PM	160-531959	0.0268	0.02490	93.1		40	110											
PARCEL G	LABQC	MB 160-529068/1-A	905	10098-97-2	Stronturn-90	-0.04846	pCi/g	MB	SQ	09/27/2021	U	U	N	0.237	0.237	0.237	0.198	pCi/g	NO	TRG	MB1605290681A	N	274587	9/27/2021 12:23:00 PM	10/14/2021 6:39:00 PM										160-529068	0.0268	0.02490	93.1			40	110	
PARCEL G	LABQC	MB 160-529068/1-A	905	10098-97-2	Stronturn-90	-0.04846	pCi/g	MB	SQ	09/27/2021	U	U	N	0.237	0.237	0.237	0.198	pCi/g	NO	TRG	MB1605290681A	N	274587	9/27/2021 12:23:00 PM	10/14/2021 6:39:00 PM										160-529068	0.0876	0.06430	73.4			40	110	
PARCEL G	LABQC	MB 160-529146/23-A	905	7440-24-6	Total Beta Stronturn	-0.07122	pCi/g	MB	SQ	09/28/2021	U	U	N	0.0722	0.0722	0.0722	0.0545	pCi/g	NO	TRG	MB1605291462A	N	274139	9/28/2021 11:15:00 AM	10/22/2021 7:29:00 AM	160-533164	0.0881	0.07670	87.1		40	110											
PARCEL G	LABQC	MB 160-529146/23-A	905	7440-24-6	Total Beta Stronturn	-0.07122	pCi/g	MB	SQ	09/28/2021	U	U	N	0.0722	0.0722	0.0722	0.0545	pCi/g	NO	TRG	MB1605291462A	N	274139	9/28/2021 11:15:00 AM	10/22/2021 7:29:00 AM										160-529146	0.0881	0.07670	87.1			40	110	
PARCEL G	LABQC	MB 160-529325/23-A	905	10098-97-2	Stronturn-90	-0.1251	pCi/g	MB	SQ	09/29/2021	U	U	N	0.328	0.328	0.328	0.268	pCi/g	NO	TRG	MB1605292523A	N	273472	9/29/2021 10:34:00 AM	10/27/2021 7:50:00 PM	160-533793	0.0268	0.01390	52.0		40	110											
PARCEL G	LABQC	MB 160-529325/23-A	905	10098-97-2	Stronturn-90	-0.1251	pCi/g	MB	SQ	09/29/2021	U	U	N	0.328	0.328	0.328	0.268	pCi/g	NO	TRG	MB1605292523A	N	273472	9/29/2021 10:34:00 AM	10/27/2021 7:50:00 PM	160-533793	0.0881	0.08130	92.2		40	110											
PARCEL G	LABQC	MB 160-529325/23-A	905	10098-97-2	Stronturn-90	-0.1251	pCi/g	MB	SQ	09/29/2021	U	U	N	0.328	0.328	0.328	0.268	pCi/g	NO	TRG	MB1605292523A	N	273472	9/29/2021 10:34:00 AM	10/27/2021 7:50:00 PM										160-529325	0.0268	0.01390	52.0			40	110	
PARCEL G	LABQC	MB 160-529325/23-A	905	10098-97-2	Stronturn-90	-0.1251	pCi/g	MB	SQ	09/29/2021	U	U	N	0.328	0.328	0.328	0.268	pCi/g	NO	TRG	MB1605292523A	N	273472	9/29/2021 10:34:00 AM	10/27/2021 7:50:00 PM										160-529325	0.0881	0.08130	92.2			40	110	
PARCEL G	LABQC	MB 160-529331/11-A	905	7440-24-6	Total Beta Stronturn	-0.02832	pCi/g	MB	SQ	09/29/2021	U	U	N	0.0684	0.0684	0.0684	0.0559	pCi/g	NO	TRG	MB1605293111A	N	280814	9/29/2021 11:36:00 AM	11/2/2021 9:23:00 PM										160-529331	0.0870	0.08060	92.6			40	110	
PARCEL G	LABQC	MB 160-529331/11-A	905	7440-24-6	Total Beta Stronturn	-0.02832	pCi/g	MB	SQ	09/29/2021	U	U	N	0.0684	0.0684	0.0684	0.0559	pCi/g	NO	TRG	MB1605293111A	N	280814	9/29/2021 11:36:00 AM	11/2/2021 9:23:00 PM	160-534665	0.0870	0.08060	92.6		40	110											
PARCEL G	LABQC	MB 160-529545/18-A	905	10098-97-2	Stronturn-90	0.1881	pCi/g	MB	SQ	09/30/2021	U	U	N	0.206	0.206	0.206	0.198	pCi/g	NO	TRG	MB1605295451B	N	273480	9/30/2021 11:36:00 AM	10/28/2021 10:28:00 AM	160-533986	0.0268	0.02380	89.0		40	110											
PARCEL G	LABQC	MB 160-529545/18-A	905	10098-97-2	Stronturn-90	0.1881	pCi/g	MB	SQ	09/30/2021	U	U	N	0.206	0.206	0.206	0.198	pCi/g	NO	TRG	MB1605295451B	N	273480	9/30/2021 11:36:00 AM	10/28/2021 10:28:00 AM	160-533986	0.0881	0.07960	90.4		40	110											
PARCEL G	LABQC	MB 160-529545/18-A	905	10098-97-2	Stronturn-90	0.1881	pCi/g	MB	SQ	09/30/2021	U	U	N	0.206	0.206	0.206	0.198	pCi/g	NO	TRG	MB1605295451B	N	273480	9/30/2021 11:36:00 AM	10/28/2021 10:28:00 AM										160-529545	0.0268	0.02380	89.0			40	110	
PARCEL G	LABQC	MB 160-529545/18-A	905	10098-97-2	Stronturn-90	0.1881	pCi/g	MB	SQ	09/30/2021	U	U	N	0.206	0.206	0.206	0.198	pCi/g	NO	TRG	MB1605295451B	N	273480	9/30/2021 11:36:00 AM	10/28/2021 10:28:00 AM										160-529545	0.0881	0.07960	90.4			40	110	
PARCEL G	LABQC	MB 160-529753/23-A	905	10098-97-2	Stronturn-90	0.008567	pCi/g	MB	SQ	10/01/2021	U	U	N	0.164	0.164	0.164	0.142	pCi/g	NO	TRG	MB1605297532A	N	274139	10/1/2021 4:26:00 PM	10/8/2021 8:52:00 PM										160-529753	0.0268	0.02400	89.7			40	110	
PARCEL G	LABQC	MB 160-529753/23-A	905	10098-97-2	Stronturn-90	0.008567	pCi/g	MB	SQ	10/01/2021	U	U	N	0.164	0.164	0.164	0.142	pCi/g	NO	TRG	MB1605297532A	N	274139	10/1/2021 4:26:00 PM	10/8/2021 8:52:00 PM										160-529753	0.0881	0.07670	87.1			40	110	
PARCEL G	LABQC	MB 160-529753/23-A	905	10098-97-2	Stronturn-90	0.008567	pCi/g	MB	SQ	10/01/2021	U	U	N	0.164	0.164	0.164	0.142	pCi/g	NO	TRG	MB1605297532A	N	274139	10/1/2021 4:26:00 PM	10/8/2021 8:52:00 PM	160-530570	0.0268	0.02400	89.7		40	110											
PARCEL G	LABQC	MB 160-529753/23-A	905	10098-97-2	Stronturn-90	0.008567	pCi/g	MB	SQ	10/01/2021	U	U	N	0.164	0.164	0.164	0.142	pCi/g	NO	TRG	MB1605297532A	N	274139	10/1/2021 4:26:00 PM	10/8/2021 8:52:00 PM	160-530570	0.0881	0.07670	87.1		40	110											
PARCEL G	LABQC	MB 160-530231/11-A	905	10098-97-2	Stronturn-90	-0.008523	pCi/g	MB	SQ	10/05/2021	U	U	N	0.233	0.233	0.233	0.282	pCi/g	NO	TRG	MB1605301011A	N	274299	10/5/2021 10:27:00 AM	10/12/2021 3:41:00 PM										160-530103	0.0268	0.01520	56.8			40	110	
PARCEL G	LABQC	MB 160-530231/11-A	905	10098-97-2	Stronturn-90	-0.008523	pCi/g	MB	SQ	10/05/2021	U	U	N	0.233	0.233	0.233	0.282	pCi/g	NO	TRG	MB1605301011A	N	274299	10/5/2021 10:27:00 AM	10/12/2021 3:41:00 PM										160-530103	0.0870	0.07250	83.3			40	110	
PARCEL G	LABQC	MB 160-530231/11-A	905	10098-97-2	Stronturn-90	-0.008523	pCi/g	MB	SQ	10/05/2021	U	U	N	0.233	0.233	0.233	0.282	pCi/g	NO	TRG	MB1605301011A	N	274299	10/5/2021 10:27:00 AM	10/12/2021 3:41:00 PM	160-531161	0.0268	0.01520	56.8		40	110											
PARCEL G	LABQC	MB 160-530231/11-A	905	10098-97-2	Stronturn-90	-0.008523	pCi/g	MB	SQ	10/05/2021	U	U	N	0.233	0.233	0.233	0.282	pCi/g	NO	TRG	MB1605301011A	N	274299	10/5/2021 10:27:00 AM	10/12/2021 3:41:00 PM	160-531161	0.0870	0.07250	83.3		40	110											
PARCEL G	LABQC	MB 160-530251/11-A	905	10098-97-2	Stronturn-90	0.2221	pCi/g	MB	SQ	10/05/2021			N	0.136	0.136	0.136	0.188	pCi/g	NO	TRG	MB1605301051A	Y	280814	10/5/2021 10:35:00 AM	10/12/2021 3:30:00 PM	160-531159	0.0268	0.02360	84.5		40	110											
PARCEL G	LABQC	MB 160-530251/11-A	905	10098-97-2	Stronturn-90	0.2221	pCi/g	MB	SQ	10/05/2021			N	0.136	0.136	0.136	0.188	pCi/g	NO	TRG	MB1605301051A	Y	280814	10/5/2021 10:35:00 AM	10/12/2021 3:30:00 PM	160-531159	0.0870	0.08060	92.6		40	110											
PARCEL G	LABQC	MB 160-530251/11-A	905	10098-97-2	Stronturn-90	0.2221	pCi/g	MB	SQ	10/05/2021			N	0.136	0.136	0.136	0.188	pCi/g	NO	TRG	MB1605301051A	Y	280814	10/5/2021 10:35:00 AM	10/12/2021 3:30:00 PM										160-531105	0.0268	0.02260	84.5			40	110	
PARCEL G	LABQC	MB 160-530251/11-A	905	10098-97-2	Stronturn-90	0.2221	pCi/g	MB	SQ	10/05/2021			N	0.136	0.136	0.136	0.188	pCi/g	NO	TRG	MB1605301051A	Y	280814	10/5/2021 10:35:00 AM	10/12/2021 3:30:00 PM										160-531105	0.0870	0.08060	92.6			40	110	
PARCEL G	LABQC	MB 160-530422/12-A	905	10098-97-2	Stronturn-90	0.1858	pCi/g	MB	SQ	10/06/2021	U	U	N	0.187	0.187	0.187	0.179	pCi/g	NO	TRG	MB1605304221A	N	273169	10/6/2021 10:42:00 AM	10/21/2021 4:13:00 PM	160-532972	0.0268	0.02330	87.1		40	110											
PARCEL G	LABQC	MB 160-530422/12-A	905	10098-97-2	Stronturn-90	0.1858	pCi/g	MB	SQ	10/06/2021	U	U	N	0.187	0.187	0.187	0.179	pCi/g	NO	TRG	MB1605304221A	N	273169	10/6/2021 10:42:00 AM	10/21/2021 4:13:00 PM	160-532972	0.0876	0.08130	92.8		40	110											
PARCEL G	LABQC	MB 160-530422/12-A	905	10098-97-2	Stronturn-90	0.1858	pCi/g	MB	SQ	10/06/2021	U	U	N	0.187	0.187	0.187	0.179	pCi/g	NO	TRG	MB1605304221A	N	273169	10/6/2021 10:42:00 AM	10/21/2021 4:13:00 PM										160-530422	0.0268	0.02330	87.1			40	110	
PARCEL G	LABQC	MB 160-530426/23-A	905	10098-97-2	Stronturn-90	0.1736	pCi/g	MB	SQ	10/06/2021	U	U	N	0.229	0.229	0.229	0.214	pCi/g	NO	TRG	MB1605304262A	N	289487	10/6/2021 11:49:00 AM	10/15/2021 4:42:00 PM	160-531999	0.0268	0.02200	82.2		40	110											
PARCEL G	LABQC	MB 160-530426/23-A	905	10098-97-2	Stronturn-90	0.1736	pCi/g	MB	SQ	10/06/2021	U	U	N	0.229	0.229	0.229	0.214	pCi/g	NO	TRG	MB1605304262A	N	289487	10/6/2021 11:49:00 AM	10/15/2021 4:42:00 PM	160-531999	0.0876	0.07100	81.1		40	110											
PARCEL G	LABQC	MB 160-530426/23-A	905	10098-97-2	Stronturn-90	0.1736	pCi/g	MB	SQ	10/06/2021	U	U	N	0.229	0.229	0.229	0.214	pCi/g	NO	TRG	MB1605304262A	N	289487	10/6/2021 11:49:00 AM	10/15/2021 4:42:00 PM										160-530426	0.0268	0.02200	82.2			40	110	
PARCEL G	LABQC	MB 160-530426/23-A	905	10098-97-2	Stronturn-90	0.1736	pCi/g	MB	SQ	10/06/2021	U	U	N	0.229	0.229	0.229	0.214	pCi/g	NO	TRG	MB1605304262A	N	289487	10/6/2021 11:49:00 AM	10/15/2021 4:42:00 PM										160-530426	0.0876	0.07100	81.1			40	110	
PARCEL G	LABQC	MB 160-530561/13-A	905	10098-97-2	Stronturn-90	0.1329	pCi/g	MB	SQ	10/08/2021			N	0.0983	0.0983	0.0983	0.134	pCi/g	NO	TRG	MB1605305611A	Y	273176	10/8/2021 12:20:00 PM	10/20/2021 6:54:00 PM	160-532800	0.0268	0.02860	107		40	110											
PARCEL G	LABQC	MB 160-530561/13-A	905	10098-97-2	Stronturn-90	0.1329	pCi/g	MB	SQ	10/08/2021			N	0.0983	0.0983	0.0983	0.134	pCi/g	NO	TRG	MB1605305611A	Y	273176	10/8/2021 12:20:00 PM	10/20/2021 6:54:00 PM	160-532800	0.0876	0.08880	101		40	110											
PARCEL G	LABQC	MB 160-530561/13-A	905	10098-97-2	Stronturn-90	0.1329	pCi/g	MB	SQ	10/08/2021			N	0.0983	0.0983	0.0983	0.134	pCi/g	NO	TRG	MB1605305611A	Y	273176	10/8/2021 12:20:00 PM	10/20/2021 6:54:00 PM										160-530561	0.0268	0.02860	107			40	110	
PARCEL G	LABQC	MB 160-530561/13-A	905	10098-97-2	Stronturn-90	0.1329	pCi/g	MB	SQ	10/08/2021			N	0.0983	0.0983	0.0983	0.134	pCi/g	NO	TRG	MB1605305611A	Y	273176	10/8/2021 12:20:00 PM	10/20/2021 6:54:00 PM										160-530561	0.0876	0.08880	101			40	110	
PARCEL G	LABQC	MB 160-530593/23-A	905	7440-24-6	Total Beta Stronturn	-0.06481	pCi/g	MB	SQ	10/08/2021	U	U	N	0.101	0.101	0.101	0.0816	pCi/g	NO	TRG	MB1605305923A	N	289487	10/8/2021 5:56:00 PM	10/29/2021 9:13:00 AM	160-534264	0.0876	0.07100	81.1		40	110											
PARCEL G	LABQC	MB 160-530593/23-A	905	7440-24-6	Total Beta Stronturn	-0.06481	pCi/g	MB	SQ	10/08/2021	U	U	N	0.101	0.101	0.101	0.0816	pCi/g	NO	TRG	MB1605305923A	N	289487	10/8/2021 5:56:00 PM	10/29/2021 9:13:00 AM			

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-535813/23-A	ST RC-0058	10099-97-2	Strontium-90	0.03076	pCi/g	MB	SQ	11/10/2021	U	U	N	0.0601	0.0601	0.0601	0.0544	pCi/g	NO	TRG	MB1605358132/3A	N	296145	11/10/2021 10:49:00 AM	11/29/2021 5:22:00 PM	160-539048	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	MB 160-535813/23-A	ST RC-0058	10099-97-2	Strontium-90	0.03076	pCi/g	MB	SQ	11/10/2021	U	U	N	0.0601	0.0601	0.0601	0.0544	pCi/g	NO	TRG	MB1605358132/3A	N	296145	11/10/2021 10:49:00 AM	11/29/2021 5:22:00 PM											160-535813	0.00240	0.002400	100			40	110	
PARCEL G	LABQC	MB 160-535813/23-A	ST RC-0058	10099-97-2	Strontium-90	0.03076	pCi/g	MB	SQ	11/10/2021	U	U	N	0.0601	0.0601	0.0601	0.0544	pCi/g	NO	TRG	MB1605358132/3A	N	296145	11/10/2021 10:49:00 AM	11/29/2021 5:22:00 PM											160-535813	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U		N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	344899	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM	160-539372	0.00180	0.001800	100			40	110										
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U		N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	344899	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM	160-539372	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U		N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	344899	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM											160-536062	0.00180	0.001800	100			40	110	
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U		N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	344899	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM											160-536062	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U	U	N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	296018	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM	160-539372	0.00180	0.001800	100			40	110										
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U	U	N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	296018	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM	160-539372	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U	U	N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	296018	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM											160-536062	0.00180	0.001800	100			40	110	
PARCEL G	LABQC	MB 160-536062/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05937	pCi/g	MB	SQ	11/11/2021	U	U	N	0.0589	0.0589	0.0589	0.0557	pCi/g	NO	TRG	MB1605360623/A	N	296018	11/11/2021 2:51:00 PM	11/30/2021 2:21:00 PM											160-536062	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-536408/4-A	905	7440-24-6	Total Beta Strontium	0.03854	pCi/g	MB	SQ	11/12/2021	U	U	N	0.0554	0.0554	0.0554	0.0703	pCi/g	NO	TRG	MB1605364084A	N	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM	160-541091	0.0882	0.07590	86.1		40	110												
PARCEL G	LABQC	MB 160-536408/4-A	905	7440-24-6	Total Beta Strontium	0.03854	pCi/g	MB	SQ	11/12/2021	U	U	N	0.0554	0.0554	0.0554	0.0703	pCi/g	NO	TRG	MB1605364084A	N	308164	11/12/2021 12:40:00 PM	12/9/2021 8:10:00 AM											160-536408	0.0882	0.07590	86.1			40	110	
PARCEL G	LABQC	MB 160-536647/23-A	905	7440-24-6	Total Beta Strontium	-0.04982	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0635	0.0635	0.0635	0.0508	pCi/g	NO	TRG	MB1605364772A	N	315606	11/15/2021 10:30:00 AM	12/8/2021 2:35:00 PM	160-540876	0.0882	0.07520	85.3		40	110												
PARCEL G	LABQC	MB 160-536647/23-A	905	7440-24-6	Total Beta Strontium	-0.04982	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0635	0.0635	0.0635	0.0508	pCi/g	NO	TRG	MB1605364772A	N	315606	11/15/2021 10:30:00 AM	12/8/2021 2:35:00 PM											160-536647	0.0882	0.07520	85.3			40	110	
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0615	0.0615	0.0615	0.0514	pCi/g	NO	TRG	MB1605362218A	N	336388	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM	160-540406	0.00240	0.002400	100			40	110										
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0615	0.0615	0.0615	0.0514	pCi/g	NO	TRG	MB1605362218A	N	336388	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM	160-540406	0.00920	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0615	0.0615	0.0615	0.0514	pCi/g	NO	TRG	MB1605362218A	N	336388	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM											160-536822	0.00240	0.002400	100			40	110	
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0615	0.0615	0.0615	0.0514	pCi/g	NO	TRG	MB1605362218A	N	336388	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM											160-536822	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0937	0.0937	0.0937	0.0514	pCi/g	NO	TRG	MB1605362218A	N	306439	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM											160-536822	0.00240	0.002400	100			40	110	
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0937	0.0937	0.0937	0.0514	pCi/g	NO	TRG	MB1605362218A	N	306439	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM											160-536822	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0937	0.0937	0.0937	0.0514	pCi/g	NO	TRG	MB1605362218A	N	306439	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM	160-540406	0.00240	0.002400	100			40	110										
PARCEL G	LABQC	MB 160-536822/18-A	ST RC-0058	10099-97-2	Strontium-90	-0.01854	pCi/g	MB	SQ	11/15/2021	U	U	N	0.0937	0.0937	0.0937	0.0514	pCi/g	NO	TRG	MB1605362218A	N	306439	11/15/2021 3:05:00 PM	12/6/2021 4:45:00 PM	160-540406	0.00920	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-537299/20-A	905	10099-97-2	Strontium-90	0.4288	pCi/g	MB	SQ	11/18/2021			N	0.213	0.213	0.213	0.228	pCi/g	NO	TRG	MB1605372992DA	Y	306631	11/18/2021 10:56:00 AM	1/12/2022 5:42:00 PM											160-537299	0.3268	0.02500	93.5			40	110	
PARCEL G	LABQC	MB 160-537299/20-A	905	10099-97-2	Strontium-90	0.4288	pCi/g	MB	SQ	11/18/2021			N	0.213	0.213	0.213	0.228	pCi/g	NO	TRG	MB1605372992DA	Y	306631	11/18/2021 10:56:00 AM	1/12/2022 5:42:00 PM											160-537299	0.0890	0.06270	70.4			40	110	
PARCEL G	LABQC	MB 160-537299/20-A	905	10099-97-2	Strontium-90	0.4288	pCi/g	MB	SQ	11/18/2021			N	0.213	0.213	0.213	0.228	pCi/g	NO	TRG	MB1605372992DA	Y	306631	11/18/2021 10:56:00 AM	1/12/2022 5:42:00 PM	160-540017	0.0268	0.02500	93.5		40	110											
PARCEL G	LABQC	MB 160-537299/20-A	905	10099-97-2	Strontium-90	0.4288	pCi/g	MB	SQ	11/18/2021			N	0.213	0.213	0.213	0.228	pCi/g	NO	TRG	MB1605372992DA	Y	306631	11/18/2021 10:56:00 AM	1/12/2022 5:42:00 PM	160-540017	0.0890	0.06270	70.4		40	110											
PARCEL G	LABQC	MB 160-537376/4-A	905	7440-24-6	Total Beta Strontium	-0.06611	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0511	0.0511	0.0511	0.0552	pCi/g	NO	TRG	MB1605372976A	N	315606	11/18/2021 11:31:00 AM	12/6/2021 1:07:00 PM	160-540411	0.0882	0.07540	86.6		40	110											
PARCEL G	LABQC	MB 160-537376/4-A	905	7440-24-6	Total Beta Strontium	-0.06611	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0511	0.0511	0.0511	0.0552	pCi/g	NO	TRG	MB1605372976A	N	315606	11/18/2021 11:31:00 AM	12/6/2021 1:07:00 PM											160-537376	0.0882	0.07540	86.6			40	110	
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U		N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	341923	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM											160-537313	0.00180	0.001800	100			40	110	
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U		N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	341923	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM											160-537313	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U		N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	341923	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM	160-540656	0.00180	0.001800	100			40	110										
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U		N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	341923	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM	160-540656	0.00920	0.007900	85.9			40	110										
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	304690	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM	160-540656	0.00180	0.001800	100			40	110										
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	304690	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM	160-540656	0.00920	0.007900	85.9			40	110										
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	304690	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM											160-537313	0.00180	0.001800	100			40	110	
PARCEL G	LABQC	MB 160-537313/23-A	ST RC-0058	10099-97-2	Strontium-90	0.01794	pCi/g	MB	SQ	11/18/2021	U	U	N	0.0661	0.0661	0.0661	0.0584	pCi/g	NO	TRG	MB1605373133/A	N	304690	11/18/2021 1:52:00 PM	12/7/2021 5:45:00 PM											160-537313	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	MB 160-537525/4-A	905	10099-97-2	Strontium-90	-0.03817	pCi/g	MB	SQ	11/19/2021	U	U	N	0.243	0.243	0.243	0.207	pCi/g	NO	TRG	MB-040-537525/4	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:26:00 PM											160-537525	0.0268	0.02520	94.2			40	110	
PARCEL G	LABQC	MB 160-537525/4-A	905	10099-97-2	Strontium-90	-0.03817	pCi/g	MB	SQ	11/19/2021	U	U	N	0.243	0.243	0.243	0.207	pCi/g	NO	TRG	MB1605375256A	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:26:00 PM											160-537525	0.0890	0.07500	84.3			40	110	
PARCEL G	LABQC	MB 160-537525/4-A	905	10099-97-2	Strontium-90	-0.03817	pCi/g	MB	SQ	11/19/2021	U	U	N	0.243	0.243	0.243	0.207	pCi/g	NO	TRG	MB1605375256A	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:26:00 PM	160-540921	0.0268	0.02520	94.2		40	110											
PARCEL G	LABQC	MB 160-537525/4-A	905	10099-97-2	Strontium-90	-0.03817	pCi/g	MB	SQ	11/19/2021	U	U	N	0.243	0.243	0.243	0.207	pCi/g	NO	TRG	MB1605375256A	N	306687	11/19/2021 10:55:00 AM	1/11/2022 5:26:00 PM	160-540921	0.0890	0.07500	84.3		40	110											
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	306898	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM											160-537561	0.00200	0.002000	100			40	110	
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	306898	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM											160-537561	0.00920	0.007300	79.3			40	110	
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	306898	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM	160-541087	0.00200	0.002000	100		40	110											
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	306898	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM	160-541087	0.00920	0.007300	79.3		40	110											
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	318320	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM											160-537561	0.0268	0.02520	94.2			40	110	
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	318320	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM	160-541087	0.00200	0.002000	100		40	110											
PARCEL G	LABQC	MB 160-537561/11-A	ST RC-0058	10099-97-2	Strontium-90	-0.008634	pCi/g	MB	SQ	11/19/2021	U	U	N	0.0691	0.0691	0.0691	0.0585	pCi/g	NO	TRG	MB1605379611 1A	N	318320	11/19/2021 2:24:00 PM	12/9/2021 6:18:00 PM	160-541087	0.00920	0.007300	79.3		40	110											
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	YES	TRG	MB1605386422 5A	N	356228	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM	160-543110	0.00150	0.001500	100		40	110											
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	YES	TRG	MB1605386422 5A	N	356228	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM	160-543110	0.00920	0.007900	85.9		40	110											
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	YES	TRG	MB1605386422 5A	N	356228	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM											160-538642	0.00150	0.001500	100			40	110	
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	YES	TRG	MB1605386422 5A	N	356228	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM											160-538642	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	NO	TRG	MB1605386422 5A	N	305835	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM	160-543110	0.00150	0.001500	100		40	110											
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	NO	TRG	MB1605386422 5A	N	305835	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM	160-543110	0.00920	0.007900	85.9		40	110											
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	NO	TRG	MB1605386422 5A	N	305835	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM											160-538642	0.00150	0.001500	100			40	110	
PARCEL G	LABQC	MB 160-538642/23-A	ST RC-0058	10099-97-2	Strontium-90	-0.02416	pCi/g	MB	SQ	11/24/2021	U	U	N	0.0625	0.0625	0.0625	0.0512	pCi/g	NO	TRG	MB1605386422 5A	N	305835	11/24/2021 5:14:00 PM	12/21/2021 6:07:00 PM											160-538642	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	MB 160-538657/21-A	ST RC-0058	10099-97-2	Strontium-90	0.04122	pCi/g	MB	SQ	11/26/2021	U	U	N	0.0724	0.0724	0.0724	0.0660	pCi/g	NO	TRG	MB1605386571 1A	N	306898	11/26/2021 10:30:00 AM	12/17/2021 5:16:00 PM	160-542557	0.00220	0.002200	100		40	110											
PARCEL G	LABQC	MB 160-538657/21-A	ST RC-0058	10099-97-2	Strontium-90	0.04122	pCi/g	MB	SQ	11/26/2021	U	U	N	0.0724	0.0724	0.0724	0.0660	pCi/g	NO	TRG	MB1605386571 1A	N	306898	11/26/2021 10:30:00 AM	12/17/2021 5:16:00 PM	160-542557	0.00920	0.006800	73.9		40	110											
PARCEL G	LABQC	MB 160-538657/21-A	ST RC-0058	10099-97-2	Strontium-90	0.04122	pCi/g	MB	SQ	11/26/2021	U	U	N	0.0724	0.0724	0.0724	0.0660	pCi/g	NO	TRG	MB1605386571 1A	N	306898	11/26/2021 10:30:00 AM	12/17/2021 5:16:00 PM											160-538657	0.00220	0.002200	100			40	110	
PARCEL G	LABQC	MB 160-538657/21-A	ST RC-0058	10099-97-2	Strontium-90	0.04122	pCi/g	MB	SQ	11/26/2021	U	U	N	0.0724	0.0724	0.0724	0.0660	pCi/g	NO	TRG	MB1605386571 1A	N	306898	11/26/2021 10:30:00 AM	12/17/2021 5:16:00 PM											160-538657	0.00920	0.006800	73.9			40	110	
PARCEL G	LABQC	MB 160-539379/9-A	905	10099-97-2	Strontium-90	-0.1604	pCi/g	MB	SQ	11/30/2021	U	U	N	0.199	0.199	0.199	0.152	pCi/g	NO	TRG	MB1605393798A	N	315606	11/30/2021 1:22:00 PM	1/10/2022 4:39:00 PM	160-540650	0.0268	0.02310	86.4		40	110											
PARCEL G	LABQC	MB 160-539379/9-A	905	10099-97-2	Strontium-90	-0.1604	pCi/g	MB	SQ	11/30/2021	U	U	N	0.199	0.199	0.199	0.152	pCi/g	NO	TRG	MB1605393798A	N	315606	11/30/2021 1:22:00 PM	1/10/2022 4:39:00 PM	160-540650	0.0890	0.07400	83.1		40	110											
PARCEL G	LABQC	MB 160-539379/9-A	905	10099-97-2	Strontium-90	-0.1604	pCi/g	MB	SQ	11/30/2021	U	U	N	0.199	0.199	0.199	0.152	pCi/g	NO	TRG	MB1605393798A	N	315606	11/30/2021 1:22:00 PM	1/10/2022 4:39:00 PM											160-539379	0.0268	0.02310	86.4			40	110	
PARCEL G	LABQC	MB 160-539379/9-A	905	10099-97-2	Strontium-90	-0.1604	pCi/g	MB	SQ	11/30/2021	U	U	N	0.199	0.199	0.199	0.152	pCi/g	NO	TRG	MB1605393798A	N	315606	11/30/2021 1:22:00 PM	1/10/2022 4:39:00 PM											160-539379	0.0890	0.07400	83.1			40	110	
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	337378	12/22/2021 3:23:00 PM	1/24/2022 8:32:00 PM	160-547796	0.00920	0.007900	85.9		40	110											
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	337378	12/22/2021 3:23:00 PM	1/24/2022 8:32:00 PM	160-547796	0.00290	0.002900	100		40	110											
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	337378	12/22/2021 3:23:00 PM	1/24/2022 8:32:00 PM											160-540616	0.00290	0.002900	100			40	110	
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	337378	12/22/2021 3:23:00 PM	1/24/2022 8:32:00 PM											160-540616	0.00920	0.007900	85.9			40	110	
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	300683	12/22/2021 3:23:00 PM	1/24/2022 8:32:00 PM											160-540616	0.00290	0.002900	100			40	110	
PARCEL G	LABQC	MB 160-540616/23-A	ST RC-0058	10099-97-2	Strontium-90	0.05652	pCi/g	MB	SQ	12/22/2021			N	0.0484	0.0484	0.0484	0.0639	pCi/g	NO	TRG	MB1605405162 5A	Y	300683	12/22/2021 3:23:00 P

Appendix A

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-54354()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.008014	pCi/g	MB	SQ	12/23/2021	U		N	0.0543	0.0543	0.0543	0.0476	pCi/g	NO	TRG	MB160545412J1A	N	344587	12/23/2021 1:27:00 PM	1/25/2022 2:47:00 PM	160-547995	0.00600	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-54354()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.008014	pCi/g	MB	SQ	12/23/2021	U		N	0.0543	0.0543	0.0543	0.0476	pCi/g	NO	TRG	MB160545412J1A	N	344587	12/23/2021 1:27:00 PM	1/25/2022 2:47:00 PM										160-543541	0.00340	0.003400	100			40	110	
PARCEL G	LABQC	MB 160-54354()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.008014	pCi/g	MB	SQ	12/23/2021	U		N	0.0543	0.0543	0.0543	0.0476	pCi/g	NO	TRG	MB160545412J1A	N	344587	12/23/2021 1:27:00 PM	1/25/2022 2:47:00 PM										160-543541	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	YES	TRG	MB160545381J1B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM										160-543581	0.00310	0.003100	100			40	110	
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	YES	TRG	MB160545381J1B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM										160-543581	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	YES	TRG	MB160545381J1B	Y	300160	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM	160-546233	0.00310	0.003100	100			40	110										
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	NO	TRG	MB160545381J1B	Y	334273	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM	160-546233	0.00920	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	NO	TRG	MB160545381J1B	Y	334273	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM	160-546233	0.00310	0.003100	100			40	110										
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	NO	TRG	MB160545381J1B	Y	334273	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM	160-546233	0.00920	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	NO	TRG	MB160545381J1B	Y	334273	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM										160-543581	0.00310	0.003100	100			40	110	
PARCEL G	LABQC	MB 160-54358()1-B	ST-RC-0058	10098-07-2	Strontium-90	0.08631	pCi/g	MB	SQ	12/27/2021			N	0.0586	0.0586	0.0586	0.0583	pCi/g	NO	TRG	MB160545381J1B	Y	334273	12/27/2021 10:20:00 AM	1/13/2022 9:23:00 PM										160-543581	0.00920	0.008800	95.7			40	110	
PARCEL G	LABQC	MB 160-54399()21-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02666	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0412	0.0412	0.0412	0.0476	pCi/g	YES	TRG	MB160543992J1A	N	356228	12/29/2021 2:33:00 PM	1/19/2022 10:09:00 PM	160-547142	0.00400	0.004000	100			40	110										
PARCEL G	LABQC	MB 160-54399()21-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02666	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0412	0.0412	0.0412	0.0476	pCi/g	YES	TRG	MB160543992J1A	N	356228	12/29/2021 2:33:00 PM	1/19/2022 10:09:00 PM	160-547142	0.00920	0.009100	98.9			40	110										
PARCEL G	LABQC	MB 160-54399()21-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02666	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0412	0.0412	0.0412	0.0476	pCi/g	YES	TRG	MB160543992J1A	N	356228	12/29/2021 2:33:00 PM	1/19/2022 10:09:00 PM										160-543996	0.00400	0.004000	100			40	110	
PARCEL G	LABQC	MB 160-54399()21-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02666	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0412	0.0412	0.0412	0.0476	pCi/g	YES	TRG	MB160543992J1A	N	356228	12/29/2021 2:33:00 PM	1/19/2022 10:09:00 PM										160-543996	0.00920	0.009100	98.9			40	110	
PARCEL G	LABQC	MB 160-54417()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.04223	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0611	0.0611	0.0611	0.0564	pCi/g	NO	TRG	MB160544172J1A	N	356354	12/30/2021 12:14:00 PM	1/19/2022 10:17:00 PM	160-547141	0.00350	0.003500	100			40	110										
PARCEL G	LABQC	MB 160-54417()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.04223	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0611	0.0611	0.0611	0.0564	pCi/g	NO	TRG	MB160544172J1A	N	356354	12/30/2021 12:14:00 PM	1/19/2022 10:17:00 PM	160-547141	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-54417()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.04223	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0611	0.0611	0.0611	0.0564	pCi/g	NO	TRG	MB160544172J1A	N	356354	12/30/2021 12:14:00 PM	1/19/2022 10:17:00 PM										160-544172	0.00350	0.003500	100			40	110	
PARCEL G	LABQC	MB 160-54417()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.04223	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0611	0.0611	0.0611	0.0564	pCi/g	NO	TRG	MB160544172J1A	N	356354	12/30/2021 12:14:00 PM	1/19/2022 10:17:00 PM										160-544172	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-54452()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.03485	pCi/g	MB	SQ	01/03/2022	U	U	N	0.0576	0.0576	0.0576	0.0528	pCi/g	NO	TRG	MB160544252J1A	N	302264	1/3/2022 11:50:00 AM	1/25/2022 9:38:00 PM	160-548167	0.00330	0.003300	100			40	110										
PARCEL G	LABQC	MB 160-54452()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.03485	pCi/g	MB	SQ	01/03/2022	U	U	N	0.0576	0.0576	0.0576	0.0528	pCi/g	NO	TRG	MB160544252J1A	N	302264	1/3/2022 11:50:00 AM	1/25/2022 9:38:00 PM	160-548167	0.00820	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-54452()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.03485	pCi/g	MB	SQ	01/03/2022	U	U	N	0.0576	0.0576	0.0576	0.0528	pCi/g	NO	TRG	MB160544252J1A	N	302264	1/3/2022 11:50:00 AM	1/25/2022 9:38:00 PM										160-546525	0.00330	0.003300	100			40	110	
PARCEL G	LABQC	MB 160-54452()23-A	ST-RC-0058	10098-07-2	Strontium-90	0.03485	pCi/g	MB	SQ	01/03/2022	U	U	N	0.0576	0.0576	0.0576	0.0528	pCi/g	NO	TRG	MB160544252J1A	N	302264	1/3/2022 11:50:00 AM	1/25/2022 9:38:00 PM										160-546525	0.00820	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	-0.03571	pCi/g	MB	SQ	01/04/2022	U		N	0.0590	0.0590	0.0590	0.0471	pCi/g	NO	TRG	MB160544707J1A	N	342319	1/4/2022 11:40:00 AM	1/26/2022 9:55:00 PM	160-548200	0.00200	0.002000	100			40	110										
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	-0.03571	pCi/g	MB	SQ	01/04/2022	U		N	0.0590	0.0590	0.0590	0.0471	pCi/g	NO	TRG	MB160544707J1A	N	342319	1/4/2022 11:40:00 AM	1/26/2022 9:55:00 PM	160-548200	0.00820	0.008800	87.0			40	110										
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	-0.03571	pCi/g	MB	SQ	01/04/2022	U		N	0.0590	0.0590	0.0590	0.0471	pCi/g	NO	TRG	MB160544707J1A	N	342319	1/4/2022 11:40:00 AM	1/26/2022 9:55:00 PM										160-544707	0.00200	0.002000	100			40	110	
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	-0.03571	pCi/g	MB	SQ	01/04/2022	U		N	0.0590	0.0590	0.0590	0.0471	pCi/g	NO	TRG	MB160544707J1A	N	342319	1/4/2022 11:40:00 AM	1/26/2022 9:55:00 PM										160-544707	0.00820	0.008800	87.0			40	110	
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.007325	pCi/g	MB	SQ	01/04/2022	U	U	N	0.0618	0.0618	0.0618	0.0538	pCi/g	NO	TRG	MB160544708J1A	N	335444	1/4/2022 11:46:00 AM	1/26/2022 11:07:00 AM	160-548200	0.00380	0.003800	100			40	110										
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.007325	pCi/g	MB	SQ	01/04/2022	U	U	N	0.0618	0.0618	0.0618	0.0538	pCi/g	NO	TRG	MB160544708J1A	N	335444	1/4/2022 11:46:00 AM	1/26/2022 11:07:00 AM	160-548200	0.00820	0.009100	98.9			40	110										
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.007325	pCi/g	MB	SQ	01/04/2022	U	U	N	0.0618	0.0618	0.0618	0.0538	pCi/g	NO	TRG	MB160544708J1A	N	335444	1/4/2022 11:46:00 AM	1/26/2022 11:07:00 AM										160-544709	0.00360	0.003600	100			40	110	
PARCEL G	LABQC	MB 160-54470()22-A	ST-RC-0058	10098-07-2	Strontium-90	0.007325	pCi/g	MB	SQ	01/04/2022	U	U	N	0.0618	0.0618	0.0618	0.0538	pCi/g	NO	TRG	MB160544708J1A	N	335444	1/4/2022 11:46:00 AM	1/26/2022 11:07:00 AM										160-544709	0.00820	0.009100	98.9			40	110	
PARCEL G	LABQC	MB 160-54517()17-A	ST-RC-0058	10098-07-2	Strontium-90	0.06602	pCi/g	MB	SQ	01/06/2022			N	0.0647	0.0647	0.0647	0.0614	pCi/g	NO	TRG	MB160545179J1A	Y	337416	1/6/2022 10:08:00 PM	1/26/2022 9:45:00 PM	160-548223	0.00250	0.002500	100			40	110										
PARCEL G	LABQC	MB 160-54517()17-A	ST-RC-0058	10098-07-2	Strontium-90	0.06602	pCi/g	MB	SQ	01/06/2022			N	0.0647	0.0647	0.0647	0.0614	pCi/g	NO	TRG	MB160545179J1A	Y	337416	1/6/2022 10:08:00 PM	1/26/2022 9:45:00 PM	160-548223	0.00820	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-54517()17-A	ST-RC-0058	10098-07-2	Strontium-90	0.06602	pCi/g	MB	SQ	01/06/2022			N	0.0647	0.0647	0.0647	0.0614	pCi/g	NO	TRG	MB160545179J1A	Y	337416	1/6/2022 10:08:00 PM	1/26/2022 9:45:00 PM										160-545179	0.00250	0.002500	100			40	110	
PARCEL G	LABQC	MB 160-54517()17-A	ST-RC-0058	10098-07-2	Strontium-90	0.06602	pCi/g	MB	SQ	01/06/2022			N	0.0647	0.0647	0.0647	0.0614	pCi/g	NO	TRG	MB160545179J1A	Y	337416	1/6/2022 10:08:00 PM	1/26/2022 9:45:00 PM										160-545179	0.00820	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-54564()25-A	ST-RC-0058	10098-07-2	Strontium-90	0.06164	pCi/g	MB	SQ	01/10/2022			N	0.0600	0.0600	0.0600	0.0582	pCi/g	NO	TRG	MB160545645J2A	Y	335226	1/10/2022 3:13:00 PM	2/1/2022 9:36:00 PM										160-545645	0.00220	0.002200	100			40	110	
PARCEL G	LABQC	MB 160-54564()25-A	ST-RC-0058	10098-07-2	Strontium-90	0.06164	pCi/g	MB	SQ	01/10/2022			N	0.0600	0.0600	0.0600	0.0582	pCi/g	NO	TRG	MB160545645J2A	Y	335226	1/10/2022 3:13:00 PM	2/1/2022 9:36:00 PM										160-545645	0.00920	0.007200	78.3			40	110	
PARCEL G	LABQC	MB 160-54564()25-A	ST-RC-0058	10098-07-2	Strontium-90	0.06164	pCi/g	MB	SQ	01/10/2022			N	0.0600	0.0600	0.0600	0.0582	pCi/g	NO	TRG	MB160545645J2A	Y	335226	1/10/2022 3:13:00 PM	2/1/2022 9:36:00 PM	160-549015	0.00220	0.002200	100			40	110										
PARCEL G	LABQC	MB 160-54564()25-A	ST-RC-0058	10098-07-2	Strontium-90	0.06164	pCi/g	MB	SQ	01/10/2022			N	0.0600	0.0600	0.0600	0.0582	pCi/g	NO	TRG	MB160545645J2A	Y	335226	1/10/2022 3:13:00 PM	2/1/2022 9:36:00 PM	160-549015	0.00820	0.007200	78.3			40	110										
PARCEL G	LABQC	MB 160-54623()12-A	905	10098-07-2	Strontium-90	-0.07309	pCi/g	MB	SQ	01/13/2022	U	U	N	0.199	0.199	0.199	0.164	pCi/g	NO	TRG	MB160546231J1A	N	303523	1/13/2022 1:16:00 PM	1/25/2022 5:07:00 PM	160-548004	0.0268	0.02490	93.1			40	110										
PARCEL G	LABQC	MB 160-54623()12-A	905	10098-07-2	Strontium-90	-0.07309	pCi/g	MB	SQ	01/13/2022	U	U	N	0.199	0.199	0.199	0.164	pCi/g	NO	TRG	MB160546231J1A	N	303523	1/13/2022 1:16:00 PM	1/25/2022 5:07:00 PM	160-548004	0.0888	0.08270	93.1			40	110										
PARCEL G	LABQC	MB 160-54623()12-A	905	10098-07-2	Strontium-90	-0.07309	pCi/g	MB	SQ	01/13/2022	U	U	N	0.199	0.199	0.199	0.164	pCi/g	NO	TRG	MB160546231J1A	N	303523	1/13/2022 1:16:00 PM	1/25/2022 5:07:00 PM										160-546232	0.0268	0.02490	93.1			40	110	
PARCEL G	LABQC	MB 160-54623()12-A	905	10098-07-2	Strontium-90	-0.07309	pCi/g	MB	SQ	01/13/2022	U	U	N	0.199	0.199	0.199	0.164	pCi/g	NO	TRG	MB160546231J1A	N	303523	1/13/2022 1:16:00 PM	1/25/2022 5:07:00 PM										160-546232	0.0888	0.08270	93.1			40	110	
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	307157	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM	160-549211	0.00350	0.003500	100			40	110										
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	307157	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM	160-549211	0.00920	0.009400	102			40	110										
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	307157	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM										160-546235	0.00350	0.003500	100			40	110	
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	307157	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM										160-546235	0.00920	0.009400	102			40	110	
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	354295	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM										160-546235	0.00350	0.003500	100			40	110	
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	354295	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM										160-546235	0.00920	0.009400	102			40	110	
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	354295	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM	160-549211	0.00350	0.003500	100			40	110										
PARCEL G	LABQC	MB 160-54623()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.02001	pCi/g	MB	SQ	01/18/2022	U	U	N	0.0380	0.0380	0.0380	0.0352	pCi/g	NO	TRG	MB160546235J1A	N	354295	1/18/2022 7:54:00 PM	2/4/2022 5:29:00 PM	160-549211	0.00920	0.009400	102			40	110										
PARCEL G	LABQC	MB 160-54744()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.05878	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0646	0.0646	0.0646	0.0613	pCi/g	NO	TRG	MB160547442J1A	N	337685	1/17/2022 12:20:00 PM	2/8/2022 12:27:00 PM	160-549799	0.00320	0.003200	100			40	110										
PARCEL G	LABQC	MB 160-54744()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.05878	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0646	0.0646	0.0646	0.0613	pCi/g	NO	TRG	MB160547442J1A	N	337685	1/17/2022 12:20:00 PM	2/8/2022 12:27:00 PM	160-549799	0.00820	0.008200	90.2			40	110										
PARCEL G	LABQC	MB 160-54744()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.05878	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0646	0.0646	0.0646	0.0613	pCi/g	NO	TRG	MB160547442J1A	N	337685	1/17/2022 12:20:00 PM	2/8/2022 12:27:00 PM										160-547844	0.00320	0.003200	100			40	110	
PARCEL G	LABQC	MB 160-54744()21-A	ST-RC-0058	10098-07-2	Strontium-90	0.05878	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0646	0.0646	0.0646	0.0613	pCi/g	NO	TRG	MB160547442J1A	N	337685	1/17/2022 12:20:00 PM	2/8/2022 12:27:00 PM										160-547844	0.00820	0.008200	90.2			40	110	
PARCEL G	LABQC	MB 160-54780()11-A	ST-RC-0058	10098-07-2	Strontium-90	0.003161	pCi/g	MB	SQ	01/27/2022	U		N	0.0515	0.0515	0.0515	0.0446	pCi/g	NO	TRG	MB160547801J1A	N	343880	1/27/2022 4:01:00 PM	2/25/2022 12:03:00 PM	160-552523	0.00300	0.003000	100			40	110										
PARCEL G	LABQC	MB 160-54780()11-A	ST-RC-0058	10098-07-2	Strontium-90	0.003161	pCi/g	MB	SQ	01/27/2022	U		N	0.0515	0.0515	0.0515	0.0446	pCi/g	NO	TRG	MB160547801J1A	N	343880	1/27/2022 4:01:00 PM	2/25/2022 12:03:00 PM	160-552523	0.00920	0.009600	104			40	110										
PARCEL G	LABQC	MB 160-54780()11-A	ST-RC-0058	10098-07-2	Strontium-90	0.003161	pCi/g	MB	SQ	01/27/2022	U		N	0.0515	0.0515	0.0515	0.0446	pCi/g	NO	TRG	MB160547801J1A	N	343880	1/27/2022 4:01:00 PM	2/25/2022 12:03:00 PM										160-547801	0.00300	0.003000	100			40	110	
PARCEL G	LABQC	MB 160-54780()11-A	ST-RC-0058	10098-07-2	Strontium-90	0.003161	pCi/g	MB	SQ	01/27/2022	U		N	0.0515	0.0515	0.0515	0.0446	pCi/g	NO	TRG	MB160547801J1A	N	343880	1/27/2022 4:01:00 PM	2/25/2022 12:03:00 PM										160-547801	0.00920	0.009600	104			40	110	
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U	U	N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	309653	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM	160-551061	0.00920	0.007500	81.5			40	110										
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U	U	N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	309653	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM										160-547806	0.000800	0.0008000	100			40	110	
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U	U	N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	309653	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM										160-547806	0.00920	0.007500	81.5			40	110	
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U	U	N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	309653	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM	160-551061	0.000800	0.0008000	100			40	110										
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U		N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	340978	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM	160-551061	0.000800	0.0008000	100			40	110										
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U		N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	340978	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM	160-551061	0.00920	0.007500	81.5			40	110										
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U		N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	340978	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM										160-547806	0.000800	0.0008000	100			40	110	
PARCEL G	LABQC	MB 160-54780()10-A	ST-RC-0058	10098-07-2	Strontium-90	-0.05716	pCi/g	MB	SQ	01/28/2022	U		N	0.0668	0.0668	0.0668	0.0518	pCi/g	NO	TRG	MB160547806J1A	N	340978	1/28/2022 4:00:00 PM	2/17/2022 8:38:00 PM										160-547806	0.00920	0.007500	81.5			40	110	
PARCEL G	LABQC	MB 160-54794()23-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02232	pCi/g	MB	SQ	01/24/2022	U		N	0.0764	0.0764	0.0764	0.0636	pCi/g	NO	TRG	MB160547948J1A	N	340535	1/24/2022 3:56:00 PM	2/15/2022 9:49:00 AM										160-547948	0.00290	0.002900	100			40	110	
PARCEL G	LABQC	MB 160-54794()23-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02232	pCi/g	MB	SQ	01/24/2022	U		N	0.0764	0.0764	0.0764	0.0636	pCi/g	NO	TRG	MB160547948J1A	N	340535	1/24/2022 3:56:00 PM	2/15/2022 9:49:00 AM										160-547948	0.00920	0.009400	91.3			40	110	
PARCEL G	LABQC	MB 160-54794()23-A	ST-RC-0058	10098-07-2	Strontium-90	-0.02232	pCi/g	MB	SQ	01/24/2022	U		N

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ
PARCEL G	LABQC	MB 160-549022/23-A	ST-RC-0058	10098-97-2	Strontium-90	0.07516	pCi/g	MB	SQ	02/01/2022			N	0.0527	0.0527	0.0527

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-557128/12-A	ST-RC-0058	10099-97-2	Strontium-90	0.05801	pCi/g	MB	SQ	03/25/2022			N	0.0548	0.0548	0.0548	0.0527	pCi/g	NO	TRG	MB1603572128124	Y	326953	3/25/2022 4:38:00 PM	4/12/2022 5:49:00 PM	160-558824	0.00920	0.009000	97.8			40	110										
PARCEL G	LABQC	MB 160-558489/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02472	pCi/g	MB	SQ	02/05/2022	U	U	N	0.0261	0.0261	0.0261	0.0248	pCi/g	NO	TRG	MB1605584892224	N	362955	2/5/2022 3:59:00 PM	4/5/2022 4:38:00 PM	160-558551	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-558489/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02472	pCi/g	MB	SQ	02/05/2022	U	U	N	0.0261	0.0261	0.0261	0.0248	pCi/g	NO	TRG	MB1605584892224	N	362955	2/5/2022 3:59:00 PM	4/5/2022 4:38:00 PM										160-558489	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-558491/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01285	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0254	0.0254	0.0254	0.0230	pCi/g	NO	TRG	MB1605584912324	N	326868	2/11/2022 1:00:00 AM	4/5/2022 1:56:00 PM										160-558491	0.00920	0.009100	98.9			40	110	
PARCEL G	LABQC	MB 160-558491/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01385	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0254	0.0254	0.0254	0.0230	pCi/g	NO	TRG	MB1605584912324	N	326868	2/11/2022 1:00:00 AM	4/5/2022 1:56:00 PM	160-558547	0.00920	0.009100	98.9			40	110										
PARCEL G	LABQC	MB 160-558554/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02549	pCi/g	MB	SQ	01/27/2022			N	0.0238	0.0238	0.0238	0.0233	pCi/g	NO	TRG	MB1605585542224	Y	324110	1/27/2022 1:01:00 PM	4/6/2022 11:25:00 AM	160-558730	0.00920	0.008000	87.0			40	110										
PARCEL G	LABQC	MB 160-558554/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02549	pCi/g	MB	SQ	01/27/2022			N	0.0238	0.0238	0.0238	0.0233	pCi/g	NO	TRG	MB1605585542224	Y	324110	1/27/2022 1:01:00 PM	4/6/2022 11:25:00 AM										160-558554	0.00920	0.008000	87.0			40	110	
PARCEL G	LABQC	MB 160-558557/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006707	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0273	0.0273	0.0273	0.0241	pCi/g	NO	TRG	MB1605585572324	N	332506	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM	160-558730	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-558557/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.006707	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0273	0.0273	0.0273	0.0241	pCi/g	NO	TRG	MB1605585572324	N	332506	2/11/2022 12:55:00 AM	4/6/2022 7:41:00 AM										160-558557	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-558559/7-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.001714	pCi/g	MB	SQ	02/16/2022	U		N	0.0207	0.0207	0.0207	0.0180	pCi/g	NO	TRG	MB1605585597A	N	345978	2/16/2022 9:35:00 PM	4/6/2022 7:10:00 AM										160-558559	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-558559/7-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.001714	pCi/g	MB	SQ	02/16/2022	U		N	0.0207	0.0207	0.0207	0.0180	pCi/g	NO	TRG	MB1605585597A	N	345978	2/16/2022 9:35:00 PM	4/6/2022 7:10:00 AM	160-558737	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-559802/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01882	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0303	0.0303	0.0303	0.0275	pCi/g	YES	TRG	MB1605598022124	N	356228	12/29/2021 2:33:00 PM	4/12/2022 6:28:00 PM										160-559802	0.00920	0.009100	98.9			40	110	
PARCEL G	LABQC	MB 160-559802/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01882	pCi/g	MB	SQ	12/29/2021	U	U	N	0.0303	0.0303	0.0303	0.0275	pCi/g	YES	TRG	MB1605598022124	N	356228	12/29/2021 2:33:00 PM	4/12/2022 6:28:00 PM	160-560015	0.00920	0.009100	98.9			40	110										
PARCEL G	LABQC	MB 160-559823/19-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.008195	pCi/g	MB	SQ	01/04/2022	U		N	0.0255	0.0255	0.0255	0.0210	pCi/g	NO	TRG	MB1605598219324	N	342319	1/4/2022 11:40:00 AM	4/14/2022 6:02:00 PM										160-559823	0.00920	0.008000	87.0			40	110	
PARCEL G	LABQC	MB 160-559823/19-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.008195	pCi/g	MB	SQ	01/04/2022	U		N	0.0255	0.0255	0.0255	0.0210	pCi/g	NO	TRG	MB1605598219324	N	342319	1/4/2022 11:40:00 AM	4/14/2022 6:02:00 PM	160-560269	0.00920	0.008000	87.0			40	110										
PARCEL G	LABQC	MB 160-559826/20-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007514	pCi/g	MB	SQ	01/27/2022	U		N	0.0231	0.0231	0.0231	0.0189	pCi/g	NO	TRG	MB1605598262024	N	334237	1/27/2022 1:21:00 PM	4/14/2022 9:03:00 AM										160-559826	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-559826/20-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007514	pCi/g	MB	SQ	01/27/2022	U		N	0.0231	0.0231	0.0231	0.0189	pCi/g	NO	TRG	MB1605598262024	N	334237	1/27/2022 1:21:00 PM	4/14/2022 9:03:00 AM	160-560270	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-559827/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01779	pCi/g	MB	SQ	02/07/2022	U		N	0.0228	0.0228	0.0228	0.0215	pCi/g	NO	TRG	MB1605598272124	N	342915	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM										160-559827	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-559827/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01779	pCi/g	MB	SQ	02/07/2022	U		N	0.0228	0.0228	0.0228	0.0215	pCi/g	NO	TRG	MB1605598272124	N	342915	2/7/2022 12:45:00 PM	4/14/2022 6:14:00 PM	160-560429	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-559830/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01444	pCi/g	MB	SQ	01/31/2022	U	U	N	0.0227	0.0227	0.0227	0.0211	pCi/g	NO	TRG	MB1605598302224	N	334310	1/31/2022 1:23:00 PM	4/15/2022 12:20:00 PM										160-559830	0.00920	0.008600	95.7			40	110	
PARCEL G	LABQC	MB 160-559830/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01444	pCi/g	MB	SQ	01/31/2022	U	U	N	0.0227	0.0227	0.0227	0.0211	pCi/g	NO	TRG	MB1605598302224	N	334310	1/31/2022 1:23:00 PM	4/15/2022 12:20:00 PM	160-560482	0.00920	0.008800	95.7			40	110										
PARCEL G	LABQC	MB 160-559837/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.0004501	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0241	0.0241	0.0241	0.0206	pCi/g	NO	TRG	MB1605598372224	N	356354	12/30/2021 12:14:00 PM	4/18/2022 11:27:00 AM	160-560820	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-559837/22-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.0004501	pCi/g	MB	SQ	12/30/2021	U	U	N	0.0241	0.0241	0.0241	0.0206	pCi/g	NO	TRG	MB1605598372224	N	356354	12/30/2021 12:14:00 PM	4/18/2022 11:27:00 AM										160-559837	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-559841/17-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02716	pCi/g	MB	SQ	01/06/2022			N	0.0258	0.0258	0.0258	0.0249	pCi/g	NO	TRG	MB1605598411724	Y	337416	1/6/2022 10:08:00 PM	4/15/2022 5:47:00 PM	160-560481	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-559841/17-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02716	pCi/g	MB	SQ	01/06/2022			N	0.0258	0.0258	0.0258	0.0249	pCi/g	NO	TRG	MB1605598411724	Y	337416	1/6/2022 10:08:00 PM	4/15/2022 5:47:00 PM										160-559841	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-559842/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.004748	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0253	0.0253	0.0253	0.0222	pCi/g	NO	TRG	MB1605598422324	N	337210	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM										160-559842	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-559842/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.004748	pCi/g	MB	SQ	02/11/2022	U	U	N	0.0253	0.0253	0.0253	0.0222	pCi/g	NO	TRG	MB1605598422324	N	337210	2/11/2022 1:04:00 AM	4/15/2022 6:01:00 PM	160-560482	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-561239/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02897	pCi/g	MB	SQ	04/19/2022			N	0.0236	0.0236	0.0236	0.0233	pCi/g	NO	TRG	MB1605612382324	Y	346560	4/19/2022 4:12:00 PM	5/10/2022 8:01:00 PM	160-564845	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-561239/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02897	pCi/g	MB	SQ	04/19/2022			N	0.0236	0.0236	0.0236	0.0233	pCi/g	NO	TRG	MB1605612382324	Y	346560	4/19/2022 4:12:00 PM	5/10/2022 8:01:00 PM										160-561236	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-561461/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01121	pCi/g	MB	SQ	02/11/2022	U		N	0.0264	0.0264	0.0264	0.0216	pCi/g	NO	TRG	MB1605614612124	N	338462	2/11/2022 1:27:00 AM	4/22/2022 9:42:00 AM										160-561461	0.00920	0.008600	93.5			40	110	
PARCEL G	LABQC	MB 160-561461/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01121	pCi/g	MB	SQ	02/11/2022	U		N	0.0264	0.0264	0.0264	0.0216	pCi/g	NO	TRG	MB1605614612124	N	338462	2/11/2022 1:27:00 AM	4/22/2022 9:42:00 AM	160-561543	0.00920	0.008600	93.5			40	110										
PARCEL G	LABQC	MB 160-561462/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007749	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0231	0.0231	0.0231	0.0207	pCi/g	NO	TRG	MB1605614622124	N	337685	1/17/2022 12:20:00 PM	4/21/2022 7:50:00 AM	160-561497	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-561462/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.007749	pCi/g	MB	SQ	01/17/2022	U	U	N	0.0231	0.0231	0.0231	0.0207	pCi/g	NO	TRG	MB1605614622124	N	337685	1/17/2022 12:20:00 PM	4/21/2022 7:50:00 AM										160-561462	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-561998/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.008989	pCi/g	MB	SQ	02/07/2022	U		N	0.0252	0.0252	0.0252	0.0226	pCi/g	NO	TRG	MB1605619982324	N	339801	2/7/2022 2:27:00 PM	4/25/2022 9:31:00 PM	160-561994	0.00920	0.008100	88.0			40	110										
PARCEL G	LABQC	MB 160-561998/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.008989	pCi/g	MB	SQ	02/07/2022	U		N	0.0252	0.0252	0.0252	0.0226	pCi/g	NO	TRG	MB1605619982324	N	339801	2/7/2022 2:27:00 PM	4/25/2022 9:31:00 PM										160-561998	0.00920	0.008100	88.0			40	110	
PARCEL G	LABQC	MB 160-561999/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.05698	pCi/g	MB	SQ	02/11/2022			N	0.0259	0.0259	0.0259	0.0281	pCi/g	NO	TRG	MB1605619992324	Y	339467	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM	160-561956	0.00920	0.008100	88.0			40	110										
PARCEL G	LABQC	MB 160-561999/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.05698	pCi/g	MB	SQ	02/11/2022			N	0.0259	0.0259	0.0259	0.0281	pCi/g	NO	TRG	MB1605619992324	Y	339467	2/11/2022 1:15:00 AM	4/25/2022 9:21:00 PM										160-561999	0.00920	0.008100	88.0			40	110	
PARCEL G	LABQC	MB 160-562003/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.002827	pCi/g	MB	SQ	02/01/2022	U		N	0.0252	0.0252	0.0252	0.0214	pCi/g	NO	TRG	MB1605620032324	N	338775	2/1/2022 9:34:00 AM	4/26/2022 6:36:00 PM										160-562003	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-562003/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.002827	pCi/g	MB	SQ	02/01/2022	U		N	0.0252	0.0252	0.0252	0.0214	pCi/g	NO	TRG	MB1605620032324	N	338775	2/1/2022 9:34:00 AM	4/26/2022 6:36:00 PM	160-562034	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-562575/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02304	pCi/g	MB	SQ	01/31/2022	U		N	0.0273	0.0273	0.0273	0.0256	pCi/g	NO	TRG	MB1605625752324	N	341290	1/31/2022 11:08:00 AM	5/2/2022 8:17:00 PM										160-562575	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-562575/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.02304	pCi/g	MB	SQ	01/31/2022	U		N	0.0273	0.0273	0.0273	0.0256	pCi/g	NO	TRG	MB1605625752324	N	341290	1/31/2022 11:08:00 AM	5/2/2022 8:17:00 PM	160-562273	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-562576/4-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.004715	pCi/g	MB	SQ	01/27/2022	U		N	0.0217	0.0217	0.0217	0.0181	pCi/g	NO	TRG	MB1605625764A	N	343980	1/27/2022 4:01:00 PM	5/2/2022 12:37:00 PM	160-562255	0.00920	0.009600	104			40	110										
PARCEL G	LABQC	MB 160-562576/4-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.004715	pCi/g	MB	SQ	01/27/2022	U		N	0.0217	0.0217	0.0217	0.0181	pCi/g	NO	TRG	MB1605625764A	N	343980	1/27/2022 4:01:00 PM	5/2/2022 12:37:00 PM										160-562576	0.00920	0.009600	104			40	110	
PARCEL G	LABQC	MB 160-562577/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01566	pCi/g	MB	SQ	01/24/2022	U		N	0.0274	0.0274	0.0274	0.0250	pCi/g	NO	TRG	MB1605625772324	N	345535	1/24/2022 3:56:00 PM	4/28/2022 9:21:00 PM										160-562577	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	MB 160-562577/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01566	pCi/g	MB	SQ	01/24/2022	U		N	0.0274	0.0274	0.0274	0.0250	pCi/g	NO	TRG	MB1605625772324	N	345535	1/24/2022 3:56:00 PM	4/28/2022 9:21:00 PM	160-562363	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	MB 160-562578/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.004519	pCi/g	MB	SQ	01/31/2022	U		N	0.0274	0.0274	0.0274	0.0230	pCi/g	NO	TRG	MB1605625782324	N	341159	1/31/2022 2:10:00 PM	5/2/2022 6:52:00 PM	160-562255	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-562578/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.004519	pCi/g	MB	SQ	01/31/2022	U		N	0.0274	0.0274	0.0274	0.0230	pCi/g	NO	TRG	MB1605625782324	N	341159	1/31/2022 2:10:00 PM	5/2/2022 6:52:00 PM										160-562578	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-562579/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0004383	pCi/g	MB	SQ	02/01/2022	U		N	0.0187	0.0187	0.0187	0.0161	pCi/g	NO	TRG	MB1605625792124	N	343854	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM	160-563514	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-562579/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0004383	pCi/g	MB	SQ	02/01/2022	U		N	0.0187	0.0187	0.0187	0.0161	pCi/g	NO	TRG	MB1605625792124	N	343854	2/1/2022 7:22:00 AM	5/4/2022 8:07:00 PM										160-562579	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-562580/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01777	pCi/g	MB	SQ	02/08/2022	U		N	0.0225	0.0225	0.0225	0.0173	pCi/g	NO	TRG	MB1605625802324	N	338969	2/8/2022 4:59:00 PM	4/28/2022 9:32:00 PM	160-562822	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-562580/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.01777	pCi/g	MB	SQ	02/08/2022	U		N	0.0225	0.0225	0.0225	0.0173	pCi/g	NO	TRG	MB1605625802324	N	338969	2/8/2022 4:59:00 PM	4/28/2022 9:32:00 PM										160-562580	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-562581/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.007012	pCi/g	MB	SQ	02/01/2022	U		N	0.0248	0.0248	0.0248	0.0220	pCi/g	NO	TRG	MB1605625812324	N	343332	2/1/2022 11:33:00 AM	5/2/2022 4:46:00 PM	160-562372	0.00920	0.008700	94.6			40	110										
PARCEL G	LABQC	MB 160-562581/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.007012	pCi/g	MB	SQ	02/01/2022	U		N	0.0248	0.0248	0.0248	0.0220	pCi/g	NO	TRG	MB1605625812324	N	343332	2/1/2022 11:33:00 AM	5/2/2022 4:46:00 PM										160-562581	0.00920	0.008700	94.6			40	110	
PARCEL G	LABQC	MB 160-562582/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005468	pCi/g	MB	SQ	02/09/2022	U		N	0.0240	0.0240	0.0240	0.0200	pCi/g	NO	TRG	MB1605625822324	N	341483	2/9/2022 5:33:00 PM	5/2/2022 8:40:00 PM	160-562380	0.00920	0.008500	92.4			40	110										
PARCEL G	LABQC	MB 160-562582/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.005468	pCi/g	MB	SQ	02/09/2022	U		N	0.0240	0.0240	0.0240	0.0200	pCi/g	NO	TRG	MB1605625822324	N	341483	2/9/2022 5:33:00 PM	5/2/2022 8:40:00 PM										160-562582	0.00920	0.008500	92.4			40	110	
PARCEL G	LABQC	MB 160-562583/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.003249	pCi/g	MB	SQ	02/11/2022	U		N	0.0258	0.0258	0.0258	0.0219	pCi/g	NO	TRG	MB1605625832324	N	343897	2/11/2022 1:07:00 AM	5/4/2022 8:16:00 PM	160-563514	0.00920	0.009000	97.8			40	110										
PARCEL G	LABQC	MB 160-562583/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.003249	pCi/g	MB	SQ	02/11/2022	U		N	0.0258	0.0258	0.0258	0.0219	pCi/g	NO	TRG	MB1605625832324	N	343897	2/11/2022 1:07:00 AM	5/4/2022 8:16:00 PM										160-562583	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	MB 160-562584/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.005354	pCi/g	MB	SQ	02/11/2022	U		N	0.0247	0.0247	0.0247	0.0218	pCi/g	NO	TRG	MB1605625842324	N	343401	2/11/2022 1:19:00 AM	5/4/2022 9:15:00 AM	160-563516	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	MB 160-562584/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.005354	pCi/g	MB	SQ	02/11/2022	U		N	0.0247	0.0247	0.0247	0.0218	pCi/g	NO	TRG	MB1605625842324	N	343401	2/11/2022 1:19:00 AM	5/4/2022 9:15:00 AM										160-562584	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	MB 160-563095/6-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01884	pCi/g	MB	SQ	02/11/2022	U		N	0.0236	0.0236	0.0236	0.0223	pCi/g	NO	TRG	MB1605639095A	N	344244	2/11/2022 1:31:00 AM	5/5/2022 6:07:00 PM	160-564055	0.00920	0.008300	90.2			40	110										
PARCEL G	LABQC	MB 160-563095/6-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01884	pCi/g	MB	SQ	02/11/2022	U		N	0.0236	0.0236	0.0236	0.0223	pCi/g	NO	TRG	MB1605639095A	N	344244	2/11/2022 1:31:00 AM	5/5/2022 6:07:00 PM										160-563095	0.00920	0.008300	90.2			40	110	
PARCEL G	LABQC	MB 160-563096/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01820	pCi/g	MB	SQ	02/05/2022	U		N	0.0238	0.0238	0.0238	0.0224	pCi/g	NO	TRG	MB1605639962324	N	344411	2/5/2022 4:55:00 PM	5/5/2022 4:58:00 PM										160-563096	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	MB 160-563096/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01820	pCi/g	MB	SQ	02/05/2022	U		N	0.0238	0.0238	0.0238	0.0224	pCi/g	NO	TRG	MB1605639962324	N	344411	2/5/2022 4:55:00 PM	5/5/2022 4:58:00 PM	160-563910	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	MB 160-563697/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.03543	pCi/g	MB	SQ	02/10/2022			N	0.0231	0.0231	0.0231	0.0237	pCi/g	NO	TRG	MB1605639721A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 6:01:00 PM	160-563908	0.00920	0.008400	91.3			40	110										
PARCEL G	LABQC	MB 160-563697/21-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.03543	pCi/g	MB	SQ	02/10/2022			N	0.0231	0.0231	0.0231	0.0237	pCi/g	NO	TRG	MB1605639721A	Y	344098	2/10/2022 4:20:00 PM	5/5/2022 6:01:00 PM										160-563697	0.00920	0.008400	91.3			40	110	
PARCEL G	LABQC	MB 160-563746/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.009642	pCi/g	MB	SQ	05/04/2022	U		N	0.0244	0.0244	0.0244	0.0199	pCi/g	NO	TRG	MB1605637462324	N	353491	5/4/2022 6:41:00 PM	5/23/2022 8:27:00 PM	160-566898	0.0105	0.009200	87.6			40	110										
PARCEL G	LABQC	MB 160-563746/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	-0.009642	pCi/g	MB	SQ	05/04/2022	U		N	0.0244	0.0244	0.0244	0.0199	pCi/g	NO	TRG	MB1605637462324	N	353491	5/4/2022 6:41:00 PM	5/23/2022 8:27:00 PM										160-563746	0.0105	0.009200	87.6			40	110	
PARCEL G	LABQC	MB 160-563748/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01358	pCi/g	MB	SQ	05/04/2022			N	0.0259	0.0259	0.0259	0.0256	pCi/g	NO	TRG	MB1605637482324	Y	353625	5/4/2022 6:48:00 PM	5/25/2022 7:00:00 AM										160-563748	0.0105	0.008900	84.8			40	110	
PARCEL G	LABQC	MB 160-563748/23-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.01358	pCi/g	MB	SQ	05/04/2022			N	0.0259

Task Code	Locatin ID	Sample ID	Analytic Method	CasRN	Chemical Name	Result	Unit	Sample Type Code	Matrix	Sample Date	LQ	VQ	Validated yn	MDL	LOD	LOQ	Uncertainty	Detection Limit Unit	Reportable Result	Result Type Code	Lab Sample ID	Detect Flag	DB_ebatch	Prep Date	Analysis Date	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl	Test Batch ID	qc spike added	qc spike measured	qc spike recovery	qc dup original conc	qc rpd	qc spike lcl	qc spike ucl	qc rpd cl
PARCEL G	LABQC	MB 160-569044/5-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.05272	pCi/g	MB	SQ	03/25/2022			N	0.0216	0.0216	0.0216	0.0243	pCi/g	NO	TRG	MB160569044/5A	Y	363167	3/25/2022 4:38:00 PM	6/8/2022 3:35:00 PM																	
PARCEL G	LABQC	MB 160-569275/15-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009036	pCi/g	MB	SQ	06/09/2022	U	U	N	0.0263	0.0263	0.0263	0.0235	pCi/g	NO	TRG	MB160569275/15A	N	367940	6/9/2022 4:31:00 PM	6/30/2022 7:42:00 AM	160-572281	0.0105	0.009300	88.6			40	110		160-569044	0.00920	0.009000	97.8			40	110	
PARCEL G	LABQC	MB 160-569275/15-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.009036	pCi/g	MB	SQ	06/09/2022	U	U	N	0.0263	0.0263	0.0263	0.0235	pCi/g	NO	TRG	MB160569275/15A	N	367940	6/9/2022 4:31:00 PM	6/30/2022 7:42:00 AM										160-569275	0.0105	0.009300	88.6			40	110	
PARCEL G	LABQC	MB 160-569475/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0004754	pCi/g	MB	SQ	06/10/2022	U	U	N	0.0264	0.0264	0.0264	0.0227	pCi/g	NO	TRG	MB160569475/1A	N	369695	6/10/2022 4:19:00 PM	6/30/2022 7:44:00 AM	160-572281	0.0105	0.009400	89.5			40	110								40	110	
PARCEL G	LABQC	MB 160-569475/1-A	ST-RC-0058	7440-24-6	Total Beta Strontium	0.0004754	pCi/g	MB	SQ	06/10/2022	U	U	N	0.0264	0.0264	0.0264	0.0227	pCi/g	NO	TRG	MB160569475/1A	N	369695	6/10/2022 4:19:00 PM	6/30/2022 7:44:00 AM										160-569475	0.0105	0.009400	89.5			40	110	

ERA
A Waters Company

MRAD-28 2009 TNI Evaluation Final Complete Report

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EPA ID: MO00054
ERA Customer Number: R145612
Report Issued: 05/22/18
Study Dates: 03/19/18 - 05/18/18

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg	1190	1240	818 - 1560	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.0971	1180	128	
2755	Americium-241	pCi/kg	307	74.7	40.3 - 106	Not Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/2/2018	8.32	85.7	26.6	
2772	Bismuth-212	pCi/kg	1400	1240	355 - 1850	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.677	1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg	4570	5330	3640 - 6370	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.755	4970	534	
2805	Cesium-137	pCi/kg	4030	4210	3180 - 5320	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.900	4270	266	
2815	Cobalt-60	pCi/kg	7760	8060	6350 - 9950	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.859	8110	409	
2902	Lead-212	pCi/kg	1180	1240	865 - 1570	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.121	1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg	< -5.1	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018				
2930	Plutonium-238	pCi/kg	1510	1470	733 - 2230	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.202	1560	233	
2932	Plutonium-239	pCi/kg	1450	1330	725 - 1910	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	0.334	1380	210	
2946	Potassium-40	pCi/kg	10400	10600	7300 - 12700	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.428	10000	879	
3005	Strontium-90	pCi/kg	4450	4500	1400 - 7010	Acceptable	Eichrom ASTM C1507	4/5/2018	0.137	4300	1060	
3028	Thorium-234	pCi/kg	2130	1800	680 - 3080	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.724	1860	380	
3036	Uranium-234	pCi/kg	1580	1820	853 - 2380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.256	1640	241	
3038	Uranium-238	pCi/kg	1610	1800	988 - 2420	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.479	1740	264	
3055	Uranium-Total	pCi/kg	3280	3700	2050 - 4780	Acceptable	HASL 300 A-01-R 28th Ed 1997	4/11/2018	-0.503	3610	655	
3055	Uranium-Total (mass)	µg/kg	3520	5400	2440 - 7290	Acceptable	EPA 6020A 1 2007	4/17/2018	-1.10	5020	1360	
3070	Zinc-65	pCi/kg	2100	1990	1590 - 2710	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.135	2120	116	

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Report Issued: 05/22/18
Study Dates: 03/19/18 - 05/18/18

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg		1240	818 - 1560	Not Reported				1180	128	
2755	Americium-241	pCi/kg		74.7	40.3 - 106	Not Reported				85.7	26.6	
2772	Bismuth-212	pCi/kg		1240	355 - 1850	Not Reported				1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg		5330	3640 - 6370	Not Reported				4970	534	
2805	Cesium-137	pCi/kg		4210	3180 - 5320	Not Reported				4270	266	
2815	Cobalt-60	pCi/kg		8060	6350 - 9950	Not Reported				8110	409	
2902	Lead-212	pCi/kg		1240	865 - 1570	Not Reported				1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1470	733 - 2230	Not Reported				1560	233	
2932	Plutonium-239	pCi/kg		1330	725 - 1910	Not Reported				1380	210	
2946	Potassium-40	pCi/kg		10600	7300 - 12700	Not Reported				10000	879	
3005	Strontium-90	pCi/kg	4630	4500	1400 - 7010	Acceptable	HASL 300 Sr-02 28th ED 1997	4/17/2018	0.306	4300	1060	
3028	Thorium-234	pCi/kg		1800	680 - 3080	Not Reported				1860	380	
3036	Uranium-234	pCi/kg	1580	1820	853 - 2380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	4/11/2018	-0.256	1640	241	
3038	Uranium-238	pCi/kg	1610	1800	988 - 2420	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	4/11/2018	-0.479	1740	264	
3055	Uranium-Total	pCi/kg	3280	3700	2050 - 4780	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/2/2018	-0.503	3610	655	
3055	Uranium-Total (mass)	µg/kg	3520	5400	2440 - 7290	Acceptable	EPA 6020B 2014	4/17/2018	-1.10	5020	1360	
3070	Zinc-65	pCi/kg		1990	1590 - 2710	Not Reported				2120	116	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg		1240	818 - 1560	Not Reported				1180	128	
2755	Americium-241	pCi/kg		74.7	40.3 - 106	Not Reported				85.7	26.6	
2772	Bismuth-212	pCi/kg		1240	355 - 1850	Not Reported				1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg		5330	3640 - 6370	Not Reported				4970	534	
2805	Cesium-137	pCi/kg		4210	3180 - 5320	Not Reported				4270	266	
2815	Cobalt-60	pCi/kg		8060	6350 - 9950	Not Reported				8110	409	
2902	Lead-212	pCi/kg		1240	865 - 1570	Not Reported				1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1470	733 - 2230	Not Reported				1560	233	
2932	Plutonium-239	pCi/kg		1330	725 - 1910	Not Reported				1380	210	
2946	Potassium-40	pCi/kg		10600	7300 - 12700	Not Reported				10000	879	
3005	Strontium-90	pCi/kg	4630	4500	1400 - 7010	Acceptable	HASL 300 Sr-03 28th ED 1997	4/17/2018	0.306	4300	1060	
3028	Thorium-234	pCi/kg		1800	680 - 3080	Not Reported				1860	380	
3036	Uranium-234	pCi/kg		1820	853 - 2380	Not Reported				1640	241	
3038	Uranium-238	pCi/kg		1800	988 - 2420	Not Reported				1740	264	
3055	Uranium-Total	pCi/kg		3700	2050 - 4780	Not Reported				3610	655	
3055	Uranium-Total (mass)	µg/kg	4840	5400	2440 - 7290	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/2/2018	-0.134	5020	1360	
3070	Zinc-65	pCi/kg		1990	1590 - 2710	Not Reported				2120	116	

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Study Dates: 03/19/18 - 05/18/18

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg	1190	1240	818 - 1560	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.0971	1180	128	
2755	Americium-241	pCi/kg	307	74.7	40.3 - 106	Not Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/2/2018	8.32	85.7	26.6	
2772	Bismuth-212	pCi/kg	1400	1240	355 - 1850	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.677	1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg	4570	5330	3640 - 6370	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.755	4970	534	
2805	Cesium-137	pCi/kg	4030	4210	3180 - 5320	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.900	4270	266	
2815	Cobalt-60	pCi/kg	7760	8060	6350 - 9950	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.859	8110	409	
2902	Lead-212	pCi/kg	1180	1240	865 - 1570	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.121	1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg	< -5.1	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018				
2930	Plutonium-238	pCi/kg	1510	1470	733 - 2230	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.202	1560	233	
2932	Plutonium-239	pCi/kg	1450	1330	725 - 1910	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	0.334	1380	210	
2946	Potassium-40	pCi/kg	10400	10600	7300 - 12700	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.428	10000	879	
3005	Strontium-90	pCi/kg	4450	4500	1400 - 7010	Acceptable	Eichrom ASTM C1507	4/5/2018	0.137	4300	1060	
3028	Thorium-234	pCi/kg	2130	1800	680 - 3080	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	0.724	1860	380	
3036	Uranium-234	pCi/kg	1580	1820	853 - 2380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.256	1640	241	
3038	Uranium-238	pCi/kg	1610	1800	988 - 2420	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/11/2018	-0.479	1740	264	
3055	Uranium-Total	pCi/kg	3280	3700	2050 - 4780	Acceptable	HASL 300 A-01-R 28th Ed 1997	4/11/2018	-0.503	3610	655	
3055	Uranium-Total (mass)	µg/kg	3520	5400	2440 - 7290	Acceptable	EPA 6020A 1 2007	4/17/2018	-1.10	5020	1360	
3070	Zinc-65	pCi/kg	2100	1990	1590 - 2710	Acceptable	HASL 300 Ga-01 28th ED 1997	3/28/2018	-0.135	2120	116	

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Report Issued: 05/22/18
Study Dates: 03/19/18 - 05/18/18

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg		1240	818 - 1560	Not Reported				1180	128	
2755	Americium-241	pCi/kg		74.7	40.3 - 106	Not Reported				85.7	26.6	
2772	Bismuth-212	pCi/kg		1240	355 - 1850	Not Reported				1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg		5330	3640 - 6370	Not Reported				4970	534	
2805	Cesium-137	pCi/kg		4210	3180 - 5320	Not Reported				4270	266	
2815	Cobalt-60	pCi/kg		8060	6350 - 9950	Not Reported				8110	409	
2902	Lead-212	pCi/kg		1240	865 - 1570	Not Reported				1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1470	733 - 2230	Not Reported				1560	233	
2932	Plutonium-239	pCi/kg		1330	725 - 1910	Not Reported				1380	210	
2946	Potassium-40	pCi/kg		10600	7300 - 12700	Not Reported				10000	879	
3005	Strontium-90	pCi/kg	4630	4500	1400 - 7010	Acceptable	HASL 300 Sr-02 28th ED 1997	4/17/2018	0.306	4300	1060	
3028	Thorium-234	pCi/kg		1800	680 - 3080	Not Reported				1860	380	
3036	Uranium-234	pCi/kg	1580	1820	853 - 2380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	4/11/2018	-0.256	1640	241	
3038	Uranium-238	pCi/kg	1610	1800	988 - 2420	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	4/11/2018	-0.479	1740	264	
3055	Uranium-Total	pCi/kg	3280	3700	2050 - 4780	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/2/2018	-0.503	3610	655	
3055	Uranium-Total (mass)	µg/kg	3520	5400	2440 - 7290	Acceptable	EPA 6020B 2014	4/17/2018	-1.10	5020	1360	
3070	Zinc-65	pCi/kg		1990	1590 - 2710	Not Reported				2120	116	

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ERA Customer Number: R145612
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Study Dates: 03/19/18 - 05/18/18

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A028-608)												
2700	Actinium-228	pCi/kg		1240	818 - 1560	Not Reported				1180	128	
2755	Americium-241	pCi/kg		74.7	40.3 - 106	Not Reported				85.7	26.6	
2772	Bismuth-212	pCi/kg		1240	355 - 1850	Not Reported				1270	188	
2773	Bismuth-214	pCi/kg		1760	845 - 2620	Not Reported				1630	360	
2800	Cesium-134	pCi/kg		5330	3640 - 6370	Not Reported				4970	534	
2805	Cesium-137	pCi/kg		4210	3180 - 5320	Not Reported				4270	266	
2815	Cobalt-60	pCi/kg		8060	6350 - 9950	Not Reported				8110	409	
2902	Lead-212	pCi/kg		1240	865 - 1570	Not Reported				1190	91.1	
2903	Lead-214	pCi/kg		1850	777 - 2910	Not Reported				1750	406	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1470	733 - 2230	Not Reported				1560	233	
2932	Plutonium-239	pCi/kg		1330	725 - 1910	Not Reported				1380	210	
2946	Potassium-40	pCi/kg		10600	7300 - 12700	Not Reported				10000	879	
3005	Strontium-90	pCi/kg	4630	4500	1400 - 7010	Acceptable	HASL 300 Sr-03 28th ED 1997	4/17/2018	0.306	4300	1060	
3028	Thorium-234	pCi/kg		1800	680 - 3080	Not Reported				1860	380	
3036	Uranium-234	pCi/kg		1820	853 - 2380	Not Reported				1640	241	
3038	Uranium-238	pCi/kg		1800	988 - 2420	Not Reported				1740	264	
3055	Uranium-Total	pCi/kg		3700	2050 - 4780	Not Reported				3610	655	
3055	Uranium-Total (mass)	µg/kg	4840	5400	2440 - 7290	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/2/2018	-0.134	5020	1360	
3070	Zinc-65	pCi/kg		1990	1590 - 2710	Not Reported				2120	116	

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Study Dates: 09/17/18 - 11/16/18

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A029-608)												
2700	Actinium-228	pCi/kg	3340	3280	2030 - 4540	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.139	3280	418	
2755	Americium-241	pCi/kg	964	937	459 - 1420	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.169	937	159	
2772	Bismuth-212	pCi/kg	3290	3400	1810 - 4990	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	-0.205	3400	531	
2773	Bismuth-214	pCi/kg		1370	841 - 1900	Not Reported				1370	176	
2800	Cesium-134	pCi/kg	5810	5400	3200 - 7600	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.560	5400	734	
2805	Cesium-137	pCi/kg	4260	3910	2340 - 5480	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.663	3910	523	
2815	Cobalt-60	pCi/kg	5200	4890	3410 - 6370	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.623	4890	494	
2902	Lead-212	pCi/kg	3620	3380	2050 - 4720	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.530	3380	445	
2903	Lead-214	pCi/kg		1450	883 - 2020	Not Reported				1450	189	
2905	Manganese-54	pCi/kg	< 71.7	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018				
2930	Plutonium-238	pCi/kg	1380	1150	662 - 1650	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/28/2018	1.38	1150	164	
2932	Plutonium-239	pCi/kg	1060	756	561 - 950	Not Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/28/2018	4.69	756	64.9	
2946	Potassium-40	pCi/kg	25800	24300	17300 - 31400	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.634	24300	2350	
3005	Strontium-90	pCi/kg	4610	4340	2240 - 6440	Acceptable	HASL 300 Sr-02 28th ED 1997	10/25/2018	0.383	4340	699	
3028	Thorium-234	pCi/kg		1470	549 - 2390	Not Reported				1470	308	
3036	Uranium-234	pCi/kg	411	1050	105 - 2370	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/25/2018	-1.44	1050	442	
3038	Uranium-238	pCi/kg	435	1030	103 - 2740	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/25/2018	-1.05	1030	569	
3055	Uranium-Total	pCi/kg	867	2030	203 - 4560	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/25/2018	-1.38	2030	843	
3055	Uranium-Total (mass)	µg/kg	1300	2420	242 - 6320	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/13/2018	-0.859	2420	1300	
3070	Zinc-65	pCi/kg	4230	4020	2650 - 5380	Acceptable	HASL 300 Ga-01 28th ED 1997	9/28/2018	0.471	4020	454	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A029-608)												
2700	Actinium-228	pCi/kg		3280	2030 - 4540	Not Reported				3280	418	
2755	Americium-241	pCi/kg	1210	937	459 - 1420	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/27/2018	1.71	937	159	
2772	Bismuth-212	pCi/kg		3400	1810 - 4990	Not Reported				3400	531	
2773	Bismuth-214	pCi/kg		1370	841 - 1900	Not Reported				1370	176	
2800	Cesium-134	pCi/kg		5400	3200 - 7600	Not Reported				5400	734	
2805	Cesium-137	pCi/kg		3910	2340 - 5480	Not Reported				3910	523	
2815	Cobalt-60	pCi/kg		4890	3410 - 6370	Not Reported				4890	494	
2902	Lead-212	pCi/kg		3380	2050 - 4720	Not Reported				3380	445	
2903	Lead-214	pCi/kg		1450	883 - 2020	Not Reported				1450	189	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1150	662 - 1650	Not Reported				1150	164	
2932	Plutonium-239	pCi/kg		756	561 - 950	Not Reported				756	64.9	
2946	Potassium-40	pCi/kg		24300	17300 - 31400	Not Reported				24300	2350	
3005	Strontium-90	pCi/kg	4610	4340	2240 - 6440	Acceptable	HASL 300 Sr-03 28th ED 1997	10/25/2018	0.383	4340	699	
3028	Thorium-234	pCi/kg		1470	549 - 2390	Not Reported				1470	308	
3036	Uranium-234	pCi/kg	411	1050	105 - 2370	Acceptable	HASL 300 U-02-RC 28th Ed 1997	10/25/2018	-1.44	1050	442	
3038	Uranium-238	pCi/kg	435	1030	103 - 2740	Acceptable	HASL 300 U-02-RC 28th Ed 1997	10/25/2018	-1.05	1030	569	
3055	Uranium-Total	pCi/kg	867	2030	203 - 4560	Acceptable	HASL 300 U-02-RC 28th Ed.	10/25/2018	-1.38	2030	843	
3055	Uranium-Total (mass)	µg/kg	1350	2420	242 - 6320	Acceptable	EPA 6020A 1 2007	11/7/2018	-0.821	2420	1300	
3070	Zinc-65	pCi/kg		4020	2650 - 5380	Not Reported				4020	454	

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ERA Customer Number: R145612
Report Issued: 05/21/19
Study Dates: 03/18/19 - 05/17/19

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg	3060	3280	2160 - 4130	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.225	3120	288	
2755	Americium-241	pCi/kg	433	474	256 - 671	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.222	450	77.5	
2772	Bismuth-212	pCi/kg	3920	3400	973 - 5070	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	1.03	3210	691	
2773	Bismuth-214	pCi/kg	1180	1370	658 - 2040	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-1.13	1300	108	
2800	Cesium-134	pCi/kg	7580	9280	6350 - 11100	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.617	8350	1250	
2805	Cesium-137	pCi/kg	1010	1030	779 - 1300	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.0953	1020	129	
2815	Cobalt-60	pCi/kg	5360	5880	4630 - 7260	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.579	5790	744	
2902	Lead-212	pCi/kg	3230	3380	2360 - 4270	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.382	3340	283	
2903	Lead-214	pCi/kg	1440	1450	609 - 2280	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	0.0617	1430	122	
2905	Manganese-54	pCi/kg	< 91.7	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019				
2930	Plutonium-238	pCi/kg		1220	608 - 1850	Not Reported				1270	210	
2932	Plutonium-239	pCi/kg		829	452 - 1190	Not Reported				875	184	
2946	Potassium-40	pCi/kg	27100	24300	16700 - 29000	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	1.10	25100	1820	
3005	Strontium-90	pCi/kg	1380	1350	420 - 2100	Acceptable	HASL 300 Sr-03 28th ED 1997	5/6/2019	0.358	1290	247	
3028	Thorium-234	pCi/kg	1390	1470	555 - 2520	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	0.163	1340	312	
3036	Uranium-234	pCi/kg		1050	492 - 1380	Not Reported				1010	287	
3038	Uranium-238	pCi/kg		1030	565 - 1380	Not Reported				928	337	
3055	Uranium-Total	pCi/kg		2030	1130 - 2620	Not Reported				1910	558	
3055	Uranium-Total (mass)	µg/kg		2420	1090 - 3270	Not Reported				2480	893	
3070	Zinc-65	pCi/kg	1410	1460	1170 - 1990	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.309	1460	172	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg		3280	2160 - 4130	Not Reported				3120	288	
2755	Americium-241	pCi/kg	647	474	256 - 671	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	2.54	450	77.5	
2772	Bismuth-212	pCi/kg		3400	973 - 5070	Not Reported				3210	691	
2773	Bismuth-214	pCi/kg		1370	658 - 2040	Not Reported				1300	108	
2800	Cesium-134	pCi/kg		9280	6350 - 11100	Not Reported				8350	1250	
2805	Cesium-137	pCi/kg		1030	779 - 1300	Not Reported				1020	129	
2815	Cobalt-60	pCi/kg		5880	4630 - 7260	Not Reported				5790	744	
2902	Lead-212	pCi/kg		3380	2360 - 4270	Not Reported				3340	283	
2903	Lead-214	pCi/kg		1450	609 - 2280	Not Reported				1430	122	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg	1410	1220	608 - 1850	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.648	1270	210	
2932	Plutonium-239	pCi/kg	1090	829	452 - 1190	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	1.17	875	184	
2946	Potassium-40	pCi/kg		24300	16700 - 29000	Not Reported				25100	1820	
3005	Strontium-90	pCi/kg	1380	1350	420 - 2100	Acceptable	HASL 300 Sr-02 28th ED 1997	5/6/2019	0.358	1290	247	
3028	Thorium-234	pCi/kg		1470	555 - 2520	Not Reported				1340	312	
3036	Uranium-234	pCi/kg	1060	1050	492 - 1380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.171	1010	287	
3038	Uranium-238	pCi/kg	1020	1030	565 - 1380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.272	928	337	
3055	Uranium-Total	pCi/kg	2150	2030	1130 - 2620	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.425	1910	558	
3055	Uranium-Total (mass)	µg/kg	3060	2420	1090 - 3270	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.645	2480	893	
3070	Zinc-65	pCi/kg		1460	1170 - 1990	Not Reported				1460	172	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg		3280	2160 - 4130	Not Reported				3120	288	
2755	Americium-241	pCi/kg		474	256 - 671	Not Reported				450	77.5	
2772	Bismuth-212	pCi/kg		3400	973 - 5070	Not Reported				3210	691	
2773	Bismuth-214	pCi/kg		1370	658 - 2040	Not Reported				1300	108	
2800	Cesium-134	pCi/kg		9280	6350 - 11100	Not Reported				8350	1250	
2805	Cesium-137	pCi/kg		1030	779 - 1300	Not Reported				1020	129	
2815	Cobalt-60	pCi/kg		5880	4630 - 7260	Not Reported				5790	744	
2902	Lead-212	pCi/kg		3380	2360 - 4270	Not Reported				3340	283	
2903	Lead-214	pCi/kg		1450	609 - 2280	Not Reported				1430	122	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1220	608 - 1850	Not Reported				1270	210	
2932	Plutonium-239	pCi/kg		829	452 - 1190	Not Reported				875	184	
2946	Potassium-40	pCi/kg		24300	16700 - 29000	Not Reported				25100	1820	
3005	Strontium-90	pCi/kg	1230	1350	420 - 2100	Acceptable	ASTM C1507 2007	5/15/2019	-0.250	1290	247	
3028	Thorium-234	pCi/kg		1470	555 - 2520	Not Reported				1340	312	
3036	Uranium-234	pCi/kg	1060	1050	492 - 1380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.171	1010	287	
3038	Uranium-238	pCi/kg	1020	1030	565 - 1380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.272	928	337	
3055	Uranium-Total	pCi/kg	2150	2030	1130 - 2620	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.425	1910	558	
3055	Uranium-Total (mass)	µg/kg	3060	2420	1090 - 3270	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.645	2480	893	
3070	Zinc-65	pCi/kg		1460	1170 - 1990	Not Reported				1460	172	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Vegetation Radionuclides (cat# 803, lot# A030-609)												
2755	Americium-241	pCi/kg	2020	1680	1040 - 2370	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	0.694	1900	166	
2800	Cesium-134	pCi/kg	1740	1640	1090 - 2180	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	-0.241	1780	153	
2805	Cesium-137	pCi/kg	1560	1410	1080 - 1900	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	-0.502	1620	128	
2815	Cobalt-60	pCi/kg	1190	1000	785 - 1310	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	-0.0372	1190	82.7	
2820	Curium-244	pCi/kg	84.4	87.3	49.2 - 109	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	-0.687	96.9	18.1	
2905	Manganese-54	pCi/kg	< 115	< 300	0.00 - 300	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019				
2930	Plutonium-238	pCi/kg	57.6	76.0	52.6 - 98.0	Acceptable	HASL 300 A-01-R 28th ED 1997	5/16/2019	-1.65	94.8	22.5	
2932	Plutonium-239	pCi/kg	1010	941	650 - 1190	Acceptable	HASL 300 A-01-R 28th ED 1997	5/16/2019	-0.481	1060	99.8	
2946	Potassium-40	pCi/kg	37600	34500	25900 - 43700	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	-0.839	39300	2020	
3005	Strontium-90	pCi/kg	3810	3530	1990 - 4600	Acceptable	HASL 300 Sr-03 28th ED 1997	5/6/2019	-0.327	4090	855	
3036	Uranium-234	pCi/kg	1100	961	675 - 1230	Acceptable	HASL 300 A-01-R 28th ED 1997	5/17/2019	-0.298	1140	120	
3038	Uranium-238	pCi/kg	1110	953	673 - 1190	Acceptable	HASL 300 A-01-R 28th ED 1997	5/17/2019	-0.205	1130	114	
3055	Uranium-Total	pCi/kg	2260	1940	1240 - 2620	Acceptable	HASL 300 A-01-R 28th ED 1997	5/17/2019	-1.26	2440	141	
3055	Uranium-Total (mass)	µg/kg	3310	2830	2170 - 3500	Acceptable	HASL 300 A-01-R 28th ED 1997	5/17/2019	-0.313	3430	383	
3070	Zinc-65	pCi/kg	713	527	393 - 781	Acceptable	HASL 300 Ga-01 28th ED 1997	3/29/2019	0.611	674	63.7	

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Study Dates: 03/18/19 - 05/17/19

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg	3060	3280	2160 - 4130	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.225	3120	288	
2755	Americium-241	pCi/kg	433	474	256 - 671	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.222	450	77.5	
2772	Bismuth-212	pCi/kg	3920	3400	973 - 5070	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	1.03	3210	691	
2773	Bismuth-214	pCi/kg	1180	1370	658 - 2040	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-1.13	1300	108	
2800	Cesium-134	pCi/kg	7580	9280	6350 - 11100	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.617	8350	1250	
2805	Cesium-137	pCi/kg	1010	1030	779 - 1300	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.0953	1020	129	
2815	Cobalt-60	pCi/kg	5360	5880	4630 - 7260	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.579	5790	744	
2902	Lead-212	pCi/kg	3230	3380	2360 - 4270	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.382	3340	283	
2903	Lead-214	pCi/kg	1440	1450	609 - 2280	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	0.0617	1430	122	
2905	Manganese-54	pCi/kg	< 91.7	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019				
2930	Plutonium-238	pCi/kg		1220	608 - 1850	Not Reported				1270	210	
2932	Plutonium-239	pCi/kg		829	452 - 1190	Not Reported				875	184	
2946	Potassium-40	pCi/kg	27100	24300	16700 - 29000	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	1.10	25100	1820	
3005	Strontium-90	pCi/kg	1380	1350	420 - 2100	Acceptable	HASL 300 Sr-03 28th ED 1997	5/6/2019	0.358	1290	247	
3028	Thorium-234	pCi/kg	1390	1470	555 - 2520	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	0.163	1340	312	
3036	Uranium-234	pCi/kg		1050	492 - 1380	Not Reported				1010	287	
3038	Uranium-238	pCi/kg		1030	565 - 1380	Not Reported				928	337	
3055	Uranium-Total	pCi/kg		2030	1130 - 2620	Not Reported				1910	558	
3055	Uranium-Total (mass)	µg/kg		2420	1090 - 3270	Not Reported				2480	893	
3070	Zinc-65	pCi/kg	1410	1460	1170 - 1990	Acceptable	HASL 300 Ga-01 28th ED 1997	4/17/2019	-0.309	1460	172	

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Study Dates: 03/18/19 - 05/17/19

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg		3280	2160 - 4130	Not Reported				3120	288	
2755	Americium-241	pCi/kg	647	474	256 - 671	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	2.54	450	77.5	
2772	Bismuth-212	pCi/kg		3400	973 - 5070	Not Reported				3210	691	
2773	Bismuth-214	pCi/kg		1370	658 - 2040	Not Reported				1300	108	
2800	Cesium-134	pCi/kg		9280	6350 - 11100	Not Reported				8350	1250	
2805	Cesium-137	pCi/kg		1030	779 - 1300	Not Reported				1020	129	
2815	Cobalt-60	pCi/kg		5880	4630 - 7260	Not Reported				5790	744	
2902	Lead-212	pCi/kg		3380	2360 - 4270	Not Reported				3340	283	
2903	Lead-214	pCi/kg		1450	609 - 2280	Not Reported				1430	122	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg	1410	1220	608 - 1850	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.648	1270	210	
2932	Plutonium-239	pCi/kg	1090	829	452 - 1190	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	1.17	875	184	
2946	Potassium-40	pCi/kg		24300	16700 - 29000	Not Reported				25100	1820	
3005	Strontium-90	pCi/kg	1380	1350	420 - 2100	Acceptable	HASL 300 Sr-02 28th ED 1997	5/6/2019	0.358	1290	247	
3028	Thorium-234	pCi/kg		1470	555 - 2520	Not Reported				1340	312	
3036	Uranium-234	pCi/kg	1060	1050	492 - 1380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.171	1010	287	
3038	Uranium-238	pCi/kg	1020	1030	565 - 1380	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.272	928	337	
3055	Uranium-Total	pCi/kg	2150	2030	1130 - 2620	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.425	1910	558	
3055	Uranium-Total (mass)	µg/kg	3060	2420	1090 - 3270	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/16/2019	0.645	2480	893	
3070	Zinc-65	pCi/kg		1460	1170 - 1990	Not Reported				1460	172	

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Study Dates: 03/18/19 - 05/17/19

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A030-608)												
2700	Actinium-228	pCi/kg		3280	2160 - 4130	Not Reported				3120	288	
2755	Americium-241	pCi/kg		474	256 - 671	Not Reported				450	77.5	
2772	Bismuth-212	pCi/kg		3400	973 - 5070	Not Reported				3210	691	
2773	Bismuth-214	pCi/kg		1370	658 - 2040	Not Reported				1300	108	
2800	Cesium-134	pCi/kg		9280	6350 - 11100	Not Reported				8350	1250	
2805	Cesium-137	pCi/kg		1030	779 - 1300	Not Reported				1020	129	
2815	Cobalt-60	pCi/kg		5880	4630 - 7260	Not Reported				5790	744	
2902	Lead-212	pCi/kg		3380	2360 - 4270	Not Reported				3340	283	
2903	Lead-214	pCi/kg		1450	609 - 2280	Not Reported				1430	122	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1220	608 - 1850	Not Reported				1270	210	
2932	Plutonium-239	pCi/kg		829	452 - 1190	Not Reported				875	184	
2946	Potassium-40	pCi/kg		24300	16700 - 29000	Not Reported				25100	1820	
3005	Strontium-90	pCi/kg	1230	1350	420 - 2100	Acceptable	ASTM C1507 2007	5/15/2019	-0.250	1290	247	
3028	Thorium-234	pCi/kg		1470	555 - 2520	Not Reported				1340	312	
3036	Uranium-234	pCi/kg	1060	1050	492 - 1380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.171	1010	287	
3038	Uranium-238	pCi/kg	1020	1030	565 - 1380	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.272	928	337	
3055	Uranium-Total	pCi/kg	2150	2030	1130 - 2620	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.425	1910	558	
3055	Uranium-Total (mass)	µg/kg	3060	2420	1090 - 3270	Acceptable	HASL 300 U-02-RC 28th Ed. 1997	5/16/2019	0.645	2480	893	
3070	Zinc-65	pCi/kg		1460	1170 - 1990	Not Reported				1460	172	

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Study Dates: 09/16/19 - 11/15/19

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A031-608)												
2700	Actinium-228	pCi/kg	3110	3170	2090 - 3990	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.00571	3110	505	
2755	Americium-241	pCi/kg	1900	1920	1040 - 2720	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.331	1830	206	
2772	Bismuth-212	pCi/kg	3200	3280	939 - 4890	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.0329	3230	838	
2773	Bismuth-214	pCi/kg	1360	1330	638 - 1980	Acceptable	HASL 300 Ga-01 28th ED 1997	10/31/2019	0.482	1310	110	
2800	Cesium-134	pCi/kg	7330	7650	5230 - 9140	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.335	7140	576	
2805	Cesium-137	pCi/kg	1260	1230	930 - 1560	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.360	1230	94.4	
2815	Cobalt-60	pCi/kg	3720	3710	2920 - 4580	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.176	3750	164	
2902	Lead-212	pCi/kg	3260	3350	2340 - 4240	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.161	3330	453	
2903	Lead-214	pCi/kg	1470	1450	609 - 2280	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.0714	1460	179	
2905	Manganese-54	pCi/kg	< 74.2	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	11/11/2019				
2930	Plutonium-238	pCi/kg	611	546	272 - 830	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/7/2019	0.449	580	69.8	
2932	Plutonium-239	pCi/kg	1150	1090	594 - 1570	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/7/2019	0.408	1090	136	
2946	Potassium-40	pCi/kg	23000	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.756	24700	2260	
3005	Strontium-90	pCi/kg	1700	1910	594 - 2980	Acceptable	HASL 300 Sr-03 28th ED 1997	10/21/2019	-0.696	1900	294	
3028	Thorium-234	pCi/kg	1190	1360	513 - 2330	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.177	1260	408	
3036	Uranium-234	pCi/kg	527	1030	483 - 1350	Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.14	1020	432	
3038	Uranium-238	pCi/kg	528	974	534 - 1310	Not Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.22	965	358	
3055	Uranium-Total	pCi/kg	1090	1930	1070 - 2500	Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.12	1840	667	
3055	Uranium-Total (mass)	µg/kg	1590	2410	1090 - 3250	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/11/2019	-0.901	2330	817	
3070	Zinc-65	pCi/kg	2770	2690	2150 - 3670	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.0570	2780	250	

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MRAD-31 2009 TNI Evaluation Final Complete Report

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Study Dates: 09/16/19 - 11/15/19

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A031-608)												
2700	Actinium-228	pCi/kg	3110	3170	2090 - 3990	Acceptable	EPA 901.1 1980	10/11/2019	-0.00571	3110	505	
2755	Americium-241	pCi/kg	1900	1920	1040 - 2720	Acceptable	EPA 901.1 1980	10/11/2019	0.331	1830	206	
2772	Bismuth-212	pCi/kg	3200	3280	939 - 4890	Acceptable	EPA 901.1 1980	10/11/2019	-0.0329	3230	838	
2773	Bismuth-214	pCi/kg	1360	1330	638 - 1980	Acceptable	EPA 901.1 1980	10/31/2019	0.482	1310	110	
2800	Cesium-134	pCi/kg	7330	7650	5230 - 9140	Acceptable	EPA 901.1 1980	10/11/2019	0.335	7140	576	
2805	Cesium-137	pCi/kg	1260	1230	930 - 1560	Acceptable	EPA 901.1 1980	10/11/2019	0.360	1230	94.4	
2815	Cobalt-60	pCi/kg	3720	3710	2920 - 4580	Acceptable	EPA 901.1 1980	10/11/2019	-0.176	3750	164	
2902	Lead-212	pCi/kg	3260	3350	2340 - 4240	Acceptable	EPA 901.1 1980	10/11/2019	-0.161	3330	453	
2903	Lead-214	pCi/kg	1470	1450	609 - 2280	Acceptable	EPA 901.1 1980	10/11/2019	0.0714	1460	179	
2905	Manganese-54	pCi/kg	< 74.2	< 1000	0.00 - 1000	Acceptable	EPA 901.1 1980	11/11/2019				
2930	Plutonium-238	pCi/kg		546	272 - 830	Not Reported				580	69.8	
2932	Plutonium-239	pCi/kg		1090	594 - 1570	Not Reported				1090	136	
2946	Potassium-40	pCi/kg	23000	24700	17000 - 29500	Acceptable	EPA 901.1 1980	10/11/2019	-0.756	24700	2260	
3005	Strontium-90	pCi/kg	1700	1910	594 - 2980	Acceptable	HASL 300 Sr-02 28th ED 1997	10/21/2019	-0.696	1900	294	
3028	Thorium-234	pCi/kg	1190	1360	513 - 2330	Acceptable	EPA 901.1 1980	10/11/2019	-0.177	1260	408	
3036	Uranium-234	pCi/kg	527	1030	483 - 1350	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.14	1020	432	
3038	Uranium-238	pCi/kg	528	974	534 - 1310	Not Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.22	965	358	
3055	Uranium-Total	pCi/kg	1090	1930	1070 - 2500	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.12	1840	667	
3055	Uranium-Total (mass)	µg/kg	1590	2410	1090 - 3250	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/11/2019	-0.901	2330	817	
3070	Zinc-65	pCi/kg	2770	2690	2150 - 3670	Acceptable	EPA 901.1 1980	10/11/2019	-0.0570	2780	250	

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MRAD-31 2003 NELAC Evaluation Final Complete Report

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Study Dates: 09/16/19 - 11/15/19

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A031-608)												
2700	Actinium-228	pCi/kg	3110	3170	2090 - 3990	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.00571	3110	505	
2755	Americium-241	pCi/kg	1900	1920	1040 - 2720	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.331	1830	206	
2772	Bismuth-212	pCi/kg	3200	3280	939 - 4890	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.0329	3230	838	
2773	Bismuth-214	pCi/kg	1360	1330	638 - 1980	Acceptable	HASL 300 Ga-01 28th ED 1997	10/31/2019	0.482	1310	110	
2800	Cesium-134	pCi/kg	7330	7650	5230 - 9140	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.335	7140	576	
2805	Cesium-137	pCi/kg	1260	1230	930 - 1560	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.360	1230	94.4	
2815	Cobalt-60	pCi/kg	3720	3710	2920 - 4580	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.176	3750	164	
2902	Lead-212	pCi/kg	3260	3350	2340 - 4240	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.161	3330	453	
2903	Lead-214	pCi/kg	1470	1450	609 - 2280	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	0.0714	1460	179	
2905	Manganese-54	pCi/kg	< 74.2	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	11/11/2019				
2930	Plutonium-238	pCi/kg	611	546	272 - 830	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/7/2019	0.449	580	69.8	
2932	Plutonium-239	pCi/kg	1150	1090	594 - 1570	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/7/2019	0.408	1090	136	
2946	Potassium-40	pCi/kg	23000	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.756	24700	2260	
3005	Strontium-90	pCi/kg	1700	1910	594 - 2980	Acceptable	HASL 300 Sr-03 28th ED 1997	10/21/2019	-0.696	1900	294	
3028	Thorium-234	pCi/kg	1190	1360	513 - 2330	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.177	1260	408	
3036	Uranium-234	pCi/kg	527	1030	483 - 1350	Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.14	1020	432	
3038	Uranium-238	pCi/kg	528	974	534 - 1310	Not Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.22	965	358	
3055	Uranium-Total	pCi/kg	1090	1930	1070 - 2500	Acceptable	HASL 300 A-01-R 28th ED 1997	11/7/2019	-1.12	1840	667	
3055	Uranium-Total (mass)	µg/kg	1590	2410	1090 - 3250	Acceptable	HASL 300 A-01-R 28th Edition 1997	11/11/2019	-0.901	2330	817	
3070	Zinc-65	pCi/kg	2770	2690	2150 - 3670	Acceptable	HASL 300 Ga-01 28th ED 1997	10/11/2019	-0.0570	2780	250	

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Study Dates: 09/16/19 - 11/15/19

NELAC Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A031-608)												
2700	Actinium-228	pCi/kg	3110	3170	2090 - 3990	Acceptable	EPA 901.1 1980	10/11/2019	-0.00571	3110	505	
2755	Americium-241	pCi/kg	1900	1920	1040 - 2720	Acceptable	EPA 901.1 1980	10/11/2019	0.331	1830	206	
2772	Bismuth-212	pCi/kg	3200	3280	939 - 4890	Acceptable	EPA 901.1 1980	10/11/2019	-0.0329	3230	838	
2773	Bismuth-214	pCi/kg	1360	1330	638 - 1980	Acceptable	EPA 901.1 1980	10/31/2019	0.482	1310	110	
2800	Cesium-134	pCi/kg	7330	7650	5230 - 9140	Acceptable	EPA 901.1 1980	10/11/2019	0.335	7140	576	
2805	Cesium-137	pCi/kg	1260	1230	930 - 1560	Acceptable	EPA 901.1 1980	10/11/2019	0.360	1230	94.4	
2815	Cobalt-60	pCi/kg	3720	3710	2920 - 4580	Acceptable	EPA 901.1 1980	10/11/2019	-0.176	3750	164	
2902	Lead-212	pCi/kg	3260	3350	2340 - 4240	Acceptable	EPA 901.1 1980	10/11/2019	-0.161	3330	453	
2903	Lead-214	pCi/kg	1470	1450	609 - 2280	Acceptable	EPA 901.1 1980	10/11/2019	0.0714	1460	179	
2905	Manganese-54	pCi/kg	< 74.2	< 1000	0.00 - 1000	Acceptable	EPA 901.1 1980	11/11/2019				
2930	Plutonium-238	pCi/kg		546	272 - 830	Not Reported				580	69.8	
2932	Plutonium-239	pCi/kg		1090	594 - 1570	Not Reported				1090	136	
2946	Potassium-40	pCi/kg	23000	24700	17000 - 29500	Acceptable	EPA 901.1 1980	10/11/2019	-0.756	24700	2260	
3005	Strontium-90	pCi/kg	1700	1910	594 - 2980	Acceptable	HASL 300 Sr-02 28th ED 1997	10/21/2019	-0.696	1900	294	
3028	Thorium-234	pCi/kg	1190	1360	513 - 2330	Acceptable	EPA 901.1 1980	10/11/2019	-0.177	1260	408	
3036	Uranium-234	pCi/kg	527	1030	483 - 1350	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.14	1020	432	
3038	Uranium-238	pCi/kg	528	974	534 - 1310	Not Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.22	965	358	
3055	Uranium-Total	pCi/kg	1090	1930	1070 - 2500	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/7/2019	-1.12	1840	667	
3055	Uranium-Total (mass)	µg/kg	1590	2410	1090 - 3250	Acceptable	HASL 300 U-02-RC 28th Edition 1997	11/11/2019	-0.901	2330	817	
3070	Zinc-65	pCi/kg	2770	2690	2150 - 3670	Acceptable	EPA 901.1 1980	10/11/2019	-0.0570	2780	250	

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Study Dates: 03/16/20 - 05/15/20

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A032-608)												
2700	Actinium-228	pCi/kg	3290	3170	2090 - 3990	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.223	3380	407	
2755	Americium-241	pCi/kg	1750	1730	934 - 2450	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	0.466	1660	189	
2772	Bismuth-212	pCi/kg	3350	3280	939 - 4890	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.101	3430	791	
2773	Bismuth-214	pCi/kg	1950	2270	1090 - 3380	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2020	-0.781	2140	242	
2800	Cesium-134	pCi/kg	5770	6200	4240 - 7410	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	0.0152	5760	648	
2805	Cesium-137	pCi/kg	7130	7280	5510 - 9210	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.368	7340	568	
2815	Cobalt-60	pCi/kg	5200	5170	4070 - 6380	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.00271	5200	340	
2902	Lead-212	pCi/kg	3550	3280	2290 - 4150	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.130	3620	539	
2903	Lead-214	pCi/kg	2120	2330	979 - 3660	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2020	-0.761	2340	289	
2905	Manganese-54	pCi/kg	< 70.2	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020				
2930	Plutonium-238	pCi/kg	1220	1010	504 - 1540	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	0.848	1110	132	
2932	Plutonium-239	pCi/kg	1420	1240	676 - 1780	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	0.270	1370	181	
2946	Potassium-40	pCi/kg	25600	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	0.0104	25600	1780	
3005	Strontium-90	pCi/kg	2140	2550	794 - 3970	Acceptable	HASL 300 Sr-02 28th ED 1997	4/17/2020	0.0828	2110	318	
3028	Thorium-234	pCi/kg	2590	4010	1510 - 6870	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-1.52	3770	776	
3036	Uranium-234	pCi/kg	3820	3600	1690 - 4720	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	-0.234	3920	449	
3038	Uranium-238	pCi/kg	3520	3570	1960 - 4790	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	-0.213	3670	687	
3055	Uranium-Total	pCi/kg	7550	7340	4070 - 9490	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	-0.441	8030	1080	
3055	Uranium-Total (mass)	µg/kg	7870	10700	4830 - 14400	Acceptable	EPA 6020A 1 2007	4/3/2020	-1.58	9690	1150	
3070	Zinc-65	pCi/kg	1200	1100	879 - 1500	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	0.562	1130	127	

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Study Dates: 03/16/20 - 05/15/20

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A032-608)												
2700	Actinium-228	pCi/kg	3290	3170	2090 - 3990	Acceptable	EPA 901.1 1980	3/31/2020	-0.223	3380	407	
2755	Americium-241	pCi/kg	1600	1730	934 - 2450	Acceptable	HASL 300 Ga-01 28th ED 1997	3/31/2020	-0.328	1660	189	
2772	Bismuth-212	pCi/kg	3350	3280	939 - 4890	Acceptable	EPA 901.1 1980	3/31/2020	-0.101	3430	791	
2773	Bismuth-214	pCi/kg	1950	2270	1090 - 3380	Acceptable	EPA 901.1 1980	4/20/2020	-0.781	2140	242	
2800	Cesium-134	pCi/kg	5770	6200	4240 - 7410	Acceptable	EPA 901.1 1980	3/31/2020	0.0152	5760	648	
2805	Cesium-137	pCi/kg	7130	7280	5510 - 9210	Acceptable	EPA 901.1 1980	3/31/2020	-0.368	7340	568	
2815	Cobalt-60	pCi/kg	5200	5170	4070 - 6380	Acceptable	EPA 901.1 1980	3/31/2020	-0.00271	5200	340	
2902	Lead-212	pCi/kg	3550	3280	2290 - 4150	Acceptable	EPA 901.1 1980	3/31/2020	-0.130	3620	539	
2903	Lead-214	pCi/kg	2120	2330	979 - 3660	Acceptable	EPA 901.1 1980	4/20/2020	-0.761	2340	289	
2905	Manganese-54	pCi/kg	< 70.2	< 1000	0.00 - 1000	Acceptable	EPA 901.1 1980	3/31/2020				
2930	Plutonium-238	pCi/kg	1220	1010	504 - 1540	Acceptable		4/9/2020	0.848	1110	132	
2932	Plutonium-239	pCi/kg	1420	1240	676 - 1780	Acceptable		4/9/2020	0.270	1370	181	
2946	Potassium-40	pCi/kg	25600	24700	17000 - 29500	Acceptable	EPA 901.1 1980	3/31/2020	0.0104	25600	1780	
3005	Strontium-90	pCi/kg	2140	2550	794 - 3970	Acceptable	HASL 300 Sr-03 28th ED 1997	4/17/2020	0.0828	2110	318	
3028	Thorium-234	pCi/kg	2590	4010	1510 - 6870	Acceptable	EPA 901.1 1980	3/31/2020	-1.52	3770	776	
3036	Uranium-234	pCi/kg	3820	3600	1690 - 4720	Acceptable	HASL 300 U-02 28th ED 1997	4/9/2020	-0.234	3920	449	
3038	Uranium-238	pCi/kg	3520	3570	1960 - 4790	Acceptable	HASL 300 U-02 28th ED 1997	4/9/2020	-0.213	3670	687	
3055	Uranium-Total	pCi/kg	7550	7340	4070 - 9490	Acceptable	HASL 300 U-02 28th ED 1997	4/9/2020	-0.441	8030	1080	
3055	Uranium-Total (mass)	µg/kg	7870	10700	4830 - 14400	Acceptable	EPA 6020B 2014	4/3/2020	-1.58	9690	1150	
3070	Zinc-65	pCi/kg	1200	1100	879 - 1500	Acceptable	EPA 901.1 1980	3/31/2020	0.562	1130	127	

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Study Dates: 03/16/20 - 05/15/20

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A032-608)												
2700	Actinium-228	pCi/kg		3170	2090 - 3990	Not Reported				3380	407	
2755	Americium-241	pCi/kg	1600	1730	934 - 2450	Acceptable	EPA 901.1 1980	3/31/2020	-0.328	1660	189	
2772	Bismuth-212	pCi/kg		3280	939 - 4890	Not Reported				3430	791	
2773	Bismuth-214	pCi/kg		2270	1090 - 3380	Not Reported				2140	242	
2800	Cesium-134	pCi/kg		6200	4240 - 7410	Not Reported				5760	648	
2805	Cesium-137	pCi/kg		7280	5510 - 9210	Not Reported				7340	568	
2815	Cobalt-60	pCi/kg		5170	4070 - 6380	Not Reported				5200	340	
2902	Lead-212	pCi/kg		3280	2290 - 4150	Not Reported				3620	539	
2903	Lead-214	pCi/kg		2330	979 - 3660	Not Reported				2340	289	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg		1010	504 - 1540	Not Reported				1110	132	
2932	Plutonium-239	pCi/kg		1240	676 - 1780	Not Reported				1370	181	
2946	Potassium-40	pCi/kg		24700	17000 - 29500	Not Reported				25600	1780	
3005	Strontium-90	pCi/kg	2140	2550	794 - 3970	Acceptable	EPA 905.0 1980	4/17/2020	0.0828	2110	318	
3028	Thorium-234	pCi/kg		4010	1510 - 6870	Not Reported				3770	776	
3036	Uranium-234	pCi/kg		3600	1690 - 4720	Not Reported				3920	449	
3038	Uranium-238	pCi/kg	2554	3570	1960 - 4790	Acceptable	EPA 6020A 1 2007	5/7/2020	-1.62	3670	687	
3055	Uranium-Total	pCi/kg	7550	7340	4070 - 9490	Acceptable	HASL 300 A-01-R 28th ed. 1997	4/9/2020	-0.441	8030	1080	
3055	Uranium-Total (mass)	µg/kg	10600	10700	4830 - 14400	Acceptable	HASL 300 A-01-R 28th ed. 1997	5/6/2020	0.789	9690	1150	
3070	Zinc-65	pCi/kg		1100	879 - 1500	Not Reported				1130	127	

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MRAD-33 Final Evaluation Report

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Study Dates: 09/14/20 - 11/13/20

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A033-608)												
2700	Actinium-228	pCi/kg		3290	2170 - 4150	Not Reported				3330	448	
2755	Americium-241	pCi/kg	610	677	366 - 959	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/30/2020	-0.422	651	98.3	
2772	Bismuth-212	pCi/kg		3290	942 - 4900	Not Reported				3260	1020	
2773	Bismuth-214	pCi/kg		3790	1820 - 5640	Not Reported				3740	646	
2800	Cesium-134	pCi/kg		4180	2860 - 5000	Not Reported				3720	593	
2805	Cesium-137	pCi/kg		6940	5250 - 8780	Not Reported				6760	1040	
2815	Cobalt-60	pCi/kg		2520	1980 - 3110	Not Reported				2440	238	
2902	Lead-212	pCi/kg		3290	2290 - 4160	Not Reported				3270	444	
2903	Lead-214	pCi/kg		4080	1710 - 6410	Not Reported				3920	697	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg	1790	1670	833 - 2540	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/30/2020	0.199	1740	252	
2932	Plutonium-239	pCi/kg	1620	1670	910 - 2400	Acceptable	HASL 300 A-010R 28th Ed. 1997	10/30/2020	-0.448	1730	241	
2946	Potassium-40	pCi/kg		24700	17000 - 29500	Not Reported				25300	2800	
3005	Strontium-90	pCi/kg	4660	4980	1550 - 7760	Acceptable	HASL 300 Sr-03 28th ED 1997	10/26/2020	-0.488	5180	1060	
3028	Thorium-234	pCi/kg		4740	1790 - 8120	Not Reported				4660	1020	
3036	Uranium-234	pCi/kg	4310	4780	2240 - 6260	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/26/2020	-0.615	4560	403	
3038	Uranium-238	pCi/kg	4420	4740	2600 - 6360	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/26/2020	-0.372	4600	483	
3055	Uranium-Total	pCi/kg	8960	9730	5400 - 12600	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/26/2020	-0.318	9220	814	
3055	Uranium-Total (mass)	µg/kg	13200	14200	6410 - 19200	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/12/2020	0.104	13000	1750	
3070	Zinc-65	pCi/kg		1120	895 - 1530	Not Reported				1120	194	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A033-608)												
2700	Actinium-228	pCi/kg	3860	3290	2170 - 4150	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	1.19	3330	448	
2755	Americium-241	pCi/kg	599	677	366 - 959	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-0.534	651	98.3	
2772	Bismuth-212	pCi/kg	3480	3290	942 - 4900	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	0.214	3260	1020	
2773	Bismuth-214	pCi/kg	4490	3790	1820 - 5640	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	1.17	3740	646	
2800	Cesium-134	pCi/kg	3600	4180	2860 - 5000	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-0.206	3720	593	
2805	Cesium-137	pCi/kg	6350	6940	5250 - 8780	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-0.392	6760	1040	
2815	Cobalt-60	pCi/kg	2440	2520	1980 - 3110	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	0.0166	2440	238	
2902	Lead-212	pCi/kg	2780	3290	2290 - 4160	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-1.11	3270	444	
2903	Lead-214	pCi/kg	4650	4080	1710 - 6410	Acceptable	HASL 300 Ga-01 28th ED 1997	10/31/2020	1.04	3920	697	
2905	Manganese-54	pCi/kg	< 235	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020				
2930	Plutonium-238	pCi/kg		1670	833 - 2540	Not Reported				1740	252	
2932	Plutonium-239	pCi/kg		1670	910 - 2400	Not Reported				1730	241	
2946	Potassium-40	pCi/kg	25700	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	0.142	25300	2800	
3005	Strontium-90	pCi/kg	4660	4980	1550 - 7760	Acceptable	HASL 300 Sr-02 28th ED 1997	10/26/2020	-0.488	5180	1060	
3028	Thorium-234	pCi/kg	4290	4740	1790 - 8120	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-0.361	4660	1020	
3036	Uranium-234	pCi/kg	4310	4780	2240 - 6260	Acceptable	HASL 300 U-02 28th Ed. 1997	10/26/2020	-0.615	4560	403	
3038	Uranium-238	pCi/kg	4420	4740	2600 - 6360	Acceptable	HASL 300 U-02 28th Ed. 1997	10/26/2020	-0.372	4600	483	
3055	Uranium-Total	pCi/kg	8960	9730	5400 - 12600	Acceptable	HASL 300 U-02 28th Ed. 1997	10/26/2020	-0.318	9220	814	
3055	Uranium-Total (mass)	µg/kg	13200	14200	6410 - 19200	Acceptable	HASL 300 U-02 28th Ed. 1997	11/12/2020	0.104	13000	1750	
3070	Zinc-65	pCi/kg	1050	1120	895 - 1530	Acceptable	HASL 300 Ga-01 28th ED 1997	11/3/2020	-0.365	1120	194	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A034-608)												
2700	Actinium-228	pCi/kg		3170	2090 - 3990	Not Reported				3160	399	
2755	Americium-241	pCi/kg	1570	1620	875 - 2290	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/30/2021	0.436	1460	243	
2772	Bismuth-212	pCi/kg		3280	939 - 4890	Not Reported				3430	357	
2773	Bismuth-214	pCi/kg		1380	662 - 2050	Not Reported				1340	116	
2800	Cesium-134	pCi/kg		5920	4050 - 7080	Not Reported				5290	552	
2805	Cesium-137	pCi/kg		7570	5720 - 9570	Not Reported				7460	594	
2815	Cobalt-60	pCi/kg		5060	3980 - 6250	Not Reported				4920	390	
2902	Lead-212	pCi/kg		3350	2340 - 4240	Not Reported				3320	442	
2903	Lead-214	pCi/kg		1440	605 - 2260	Not Reported				1480	199	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg	1780	1930	963 - 2930	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/3/2021	0.0637	1770	214	
2932	Plutonium-239	pCi/kg	1550	1720	937 - 2480	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/3/2021	-0.359	1590	121	
2946	Potassium-40	pCi/kg		24700	17000 - 29500	Not Reported				25100	1930	
3005	Strontium-90	pCi/kg	8090	9190	2860 - 14300	Acceptable	HASL 300 Sr-03 28th ED 1997	4/22/2021	-0.208	8360	1300	
3028	Thorium-234	pCi/kg		4020	1520 - 6880	Not Reported				3910	1070	
3036	Uranium-234	pCi/kg	3540	4060	1900 - 5320	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/30/2021	-0.519	3700	310	
3038	Uranium-238	pCi/kg	3330	4020	2210 - 5400	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/30/2021	-0.790	3600	338	
3055	Uranium-Total	pCi/kg	7060	8260	4580 - 10700	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/30/2021	-0.317	7290	722	
3055	Uranium-Total (mass)	µg/kg	10000	12000	5420 - 16200	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/10/2021	-0.0797	10000	477	
3070	Zinc-65	pCi/kg		7040	5620 - 9600	Not Reported				7120	735	

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Study Dates: 03/22/21 - 05/21/21

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A034-608)												
2700	Actinium-228	pCi/kg	3440	3170	2090 - 3990	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	0.702	3160	399	
2755	Americium-241	pCi/kg	2000	1620	875 - 2290	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	2.20	1460	243	
2772	Bismuth-212	pCi/kg	3610	3280	939 - 4890	Acceptable	HASL 300 Ga-01 28th ED 1997	5/11/2021	0.499	3430	357	
2773	Bismuth-214	pCi/kg	1360	1380	662 - 2050	Acceptable	HASL 300 Ga-01 28th ED 1997	5/6/2021	0.182	1340	116	
2800	Cesium-134	pCi/kg	5940	5920	4050 - 7080	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	1.18	5290	552	
2805	Cesium-137	pCi/kg	7980	7570	5720 - 9570	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	0.883	7460	594	
2815	Cobalt-60	pCi/kg	5350	5060	3980 - 6250	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	1.09	4920	390	
2902	Lead-212	pCi/kg	4000	3350	2340 - 4240	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	1.53	3320	442	
2903	Lead-214	pCi/kg	1530	1440	605 - 2260	Acceptable	HASL 300 Ga-01 28th ED 1997	5/6/2021	0.274	1480	199	
2905	Manganese-54	pCi/kg	< 109	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021				
2930	Plutonium-238	pCi/kg		1930	963 - 2930	Not Reported				1770	214	
2932	Plutonium-239	pCi/kg		1720	937 - 2480	Not Reported				1590	121	
2946	Potassium-40	pCi/kg	26600	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	0.786	25100	1930	
3005	Strontium-90	pCi/kg	8090	9190	2860 - 14300	Acceptable	HASL 300 Sr-02 28th ED 1997	4/22/2021	-0.208	8360	1300	
3028	Thorium-234	pCi/kg	3580	4020	1520 - 6880	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	-0.311	3910	1070	
3036	Uranium-234	pCi/kg	3540	4060	1900 - 5320	Acceptable	HASL 300 U-02 28th Ed. 1997	4/30/2021	-0.519	3700	310	
3038	Uranium-238	pCi/kg	3330	4020	2210 - 5400	Acceptable	HASL 300 U-02 28th Ed. 1997	4/30/2021	-0.790	3600	338	
3055	Uranium-Total	pCi/kg	7060	8260	4580 - 10700	Acceptable	HASL 300 U-02 28th Ed. 1997	4/30/2021	-0.317	7290	722	
3055	Uranium-Total (mass)	µg/kg	10000	12000	5420 - 16200	Acceptable	HASL 300 U-02 28th Ed. 1997	5/10/2021	-0.0797	10000	477	
3070	Zinc-65	pCi/kg	8010	7040	5620 - 9600	Acceptable	HASL 300 Ga-01 28th ED 1997	5/5/2021	1.21	7120	735	

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MRAD-35 Final Evaluation Report

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Study Dates: 09/20/2021 - 11/19/2021

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A035-608)												
2700	Actinium-228	pCi/kg		3240	2140 - 4080	Not Reported				3210	369	
2755	Americium-241	pCi/kg	928	891	481 - 1260	Acceptable	HASL 300 A-01-R 28 Ed. 1997	11/9/2021	0.274	872	205	
2772	Bismuth-212	pCi/kg		3350	959 - 4990	Not Reported				3160	991	
2773	Bismuth-214	pCi/kg		1370	658 - 2040	Not Reported				1420	220	
2800	Cesium-134	pCi/kg		2650	1810 - 3170	Not Reported				2520	281	
2805	Cesium-137	pCi/kg		3660	2770 - 4630	Not Reported				3710	275	
2815	Cobalt-60	pCi/kg		4730	3720 - 5840	Not Reported				4730	350	
2902	Lead-212	pCi/kg		3420	2390 - 4320	Not Reported				3360	455	
2903	Lead-214	pCi/kg		1490	626 - 2340	Not Reported				1470	167	
2905	Manganese-54	pCi/kg		< 1000	0.00 - 1000	Not Reported						
2930	Plutonium-238	pCi/kg	1180	1250	623 - 1900	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/29/2021	0.0765	1170	166	
2932	Plutonium-239	pCi/kg	1290	1450	790 - 2090	Acceptable	HASL 300 A-01-R 28th ed. 1997	10/29/2021	-0.301	1350	216	
2946	Potassium-40	pCi/kg		24700	17000 - 29500	Not Reported				25000	2670	
3005	Strontium-90	pCi/kg	5240	6090	1900 - 9490	Acceptable	HASL 300 Sr-03 28th ED 1997	11/4/2021	-0.380	5810	1500	
3028	Thorium-234	pCi/kg		2720	1030 - 4660	Not Reported				3040	780	
3036	Uranium-234	pCi/kg	2550	2740	1280 - 3590	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/28/2021	-0.150	2610	383	
3038	Uranium-238	pCi/kg	2550	2720	1490 - 3650	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/28/2021	-0.252	2690	571	
3055	Uranium-Total	pCi/kg	5270	5580	3100 - 7210	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/28/2021	-0.119	5370	835	
1184	Uranium (mass)	µg/kg	7670	8140	3670 - 11000	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/19/2021	0.402	6910	1900	
3070	Zinc-65	pCi/kg		4860	3880 - 6630	Not Reported				5110	506	

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Study Dates: 09/20/2021 - 11/19/2021

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A035-608)												
2700	Actinium-228	pCi/kg	3730	3240	2140 - 4080	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.40	3210	369	
2755	Americium-241	pCi/kg	1160	891	481 - 1260	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.40	872	205	
2772	Bismuth-212	pCi/kg	5130	3350	959 - 4990	Not Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.99	3160	991	
2773	Bismuth-214	pCi/kg	1830	1370	658 - 2040	Acceptable	HASL 300 Ga-01 28th ED 1997	11/19/2021	1.89	1420	220	
2800	Cesium-134	pCi/kg	2800	2650	1810 - 3170	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	0.991	2520	281	
2805	Cesium-137	pCi/kg	3930	3660	2770 - 4630	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	0.790	3710	275	
2815	Cobalt-60	pCi/kg	5060	4730	3720 - 5840	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	0.953	4730	350	
2902	Lead-212	pCi/kg	3990	3420	2390 - 4320	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.38	3360	455	
2903	Lead-214	pCi/kg	1640	1490	626 - 2340	Acceptable	HASL 300 Ga-01 28th ED 1997	11/19/2021	1.02	1470	167	
2905	Manganese-54	pCi/kg	< 161	< 1000	0.00 - 1000	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021				
2930	Plutonium-238	pCi/kg		1250	623 - 1900	Not Reported				1170	166	
2932	Plutonium-239	pCi/kg		1450	790 - 2090	Not Reported				1350	216	
2946	Potassium-40	pCi/kg	28100	24700	17000 - 29500	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.18	25000	2670	
3005	Strontium-90	pCi/kg	5240	6090	1900 - 9490	Acceptable	HASL 300 Sr-02 28th ED 1997	11/4/2021	-0.380	5810	1500	
3028	Thorium-234	pCi/kg	2770	2720	1030 - 4660	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	-0.343	3040	780	
3036	Uranium-234	pCi/kg	2550	2740	1280 - 3590	Acceptable	HASL 300 U-02 28th Ed. 1997	10/28/2021	-0.150	2610	383	
3038	Uranium-238	pCi/kg	2550	2720	1490 - 3650	Acceptable	HASL 300 U-02 28th Ed. 1997	10/28/2021	-0.252	2690	571	
3055	Uranium-Total	pCi/kg	5270	5580	3100 - 7210	Acceptable	HASL 300 U-02 28th Ed. 1997	10/28/2021	-0.119	5370	835	
1184	Uranium (mass)	µg/kg	7670	8140	3670 - 11000	Acceptable	HASL 300 U-02 28th Ed. 1997	11/19/2021	0.402	6910	1900	
3070	Zinc-65	pCi/kg	5690	4860	3880 - 6630	Acceptable	HASL 300 Ga-01 28th ED 1997	11/2/2021	1.15	5110	506	

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Study Dates: 03/21/2022 - 05/20/2022

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A036-608)												
2700	Actinium-228	pCi/kg	1820	1670	1100 - 2100	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	1.44	1550	186	
2755	Americium-241	pCi/kg	1840	1310	707 - 1850	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	1.00	1420	418	
2772	Bismuth-212	pCi/kg	1900	1840	527 - 2740	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.575	1700	356	
2773	Bismuth-214	pCi/kg	887	790	379 - 1180	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.739	790	132	
2800	Cesium-134	pCi/kg	6680	6620	4530 - 7910	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.717	6030	907	
2805	Cesium-137	pCi/kg	7350	6760	5110 - 8550	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.502	6840	1020	
2815	Cobalt-60	pCi/kg	3000	2820	2220 - 3480	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.399	2830	418	
2902	Lead-212	pCi/kg	1900	1630	1140 - 2060	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	1.43	1620	195	
2903	Lead-214	pCi/kg	980	838	352 - 1320	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.863	838	164	
2905	Manganese-54	pCi/kg	< 36.3	< 555	0.00 - 555	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022				
2930	Plutonium-238	pCi/kg	298	289	144 - 439	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/15/2022	-0.686	382	123	
2932	Plutonium-239	pCi/kg	1290	1180	643 - 1700	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/15/2022	0.0969	1250	377	
2946	Potassium-40	pCi/kg	42800	37900	26100 - 45300	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.870	40400	2780	
3005	Strontium-90	pCi/kg	6820	6720	2090 - 10500	Acceptable	HASL 300 Sr-03 28th ED 1997	5/10/2022	-0.513	7510	1350	
3028	Thorium-234	pCi/kg	3800	3390	1280 - 5810	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	-0.0643	3840	692	
3036	Uranium-234	pCi/kg	3540	3410	1600 - 4470	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/18/2022	0.208	3460	408	
3038	Uranium-238	pCi/kg	3420	3390	1860 - 4550	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/18/2022	-0.438	3540	274	
3055	Uranium-Total	pCi/kg	7150	6960	3860 - 9000	Acceptable	HASL 300 A-01-R 28th Ed. 1997	4/18/2022	0.909	6840	346	
1184	Uranium (mass)	µg/kg	10300	10100	4560 - 13600	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/11/2022	0.158	10100	1520	
3070	Zinc-65	pCi/kg	5650	5070	4050 - 6920	Acceptable	HASL 300 Ga-01 28th ED 1997	4/20/2022	0.339	5330	929	

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MRAD-36 Final Evaluation Report

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ERA Customer Number: R145612
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Study Dates: 03/21/2022 - 05/20/2022

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A036-608)												
2700	Actinium-228	pCi/kg	1820	1670	1100 - 2100	Acceptable	EPA 901.1 1980	4/20/2022	1.44	1550	186	
2755	Americium-241	pCi/kg	1840	1310	707 - 1850	Acceptable	EPA 901.1 1980	4/20/2022	1.00	1420	418	
2772	Bismuth-212	pCi/kg	1900	1840	527 - 2740	Acceptable	EPA 901.1 1980	4/20/2022	0.575	1700	356	
2773	Bismuth-214	pCi/kg	887	790	379 - 1180	Acceptable	EPA 901.1 1980	4/20/2022	0.739	790	132	
2800	Cesium-134	pCi/kg	6680	6620	4530 - 7910	Acceptable	EPA 901.1 1980	4/20/2022	0.717	6030	907	
2805	Cesium-137	pCi/kg	7350	6760	5110 - 8550	Acceptable	EPA 901.1 1980	4/20/2022	0.502	6840	1020	
2815	Cobalt-60	pCi/kg	3000	2820	2220 - 3480	Acceptable	EPA 901.1 1980	4/20/2022	0.399	2830	418	
2902	Lead-212	pCi/kg	1900	1630	1140 - 2060	Acceptable	EPA 901.1 1980	4/20/2022	1.43	1620	195	
2903	Lead-214	pCi/kg	980	838	352 - 1320	Acceptable	EPA 901.1 1980	4/20/2022	0.863	838	164	
2905	Manganese-54	pCi/kg	< 36.3	< 555	0.00 - 555	Acceptable	EPA 901.1 1980	4/20/2022				
2930	Plutonium-238	pCi/kg		289	144 - 439	Not Reported				382	123	
2932	Plutonium-239	pCi/kg		1180	643 - 1700	Not Reported				1250	377	
2946	Potassium-40	pCi/kg	42800	37900	26100 - 45300	Acceptable	EPA 901.1 1980	4/20/2022	0.870	40400	2780	
3005	Strontium-90	pCi/kg	6820	6720	2090 - 10500	Acceptable	HASL 300 Sr-02 28th ED 1997	5/10/2022	-0.513	7510	1350	
3028	Thorium-234	pCi/kg	3800	3390	1280 - 5810	Acceptable	EPA 901.1 1980	4/20/2022	-0.0643	3840	692	
3036	Uranium-234	pCi/kg	3540	3410	1600 - 4470	Acceptable	HASL 300 U-02 28th Ed. 1997	4/18/2022	0.208	3460	408	
3038	Uranium-238	pCi/kg	3420	3390	1860 - 4550	Acceptable	HASL 300 U-02 28th Ed. 1997	4/18/2022	-0.438	3540	274	
3055	Uranium-Total	pCi/kg	7150	6960	3860 - 9000	Acceptable	HASL 300 U-02 28th Ed. 1997	4/18/2022	0.909	6840	346	
1184	Uranium (mass)	µg/kg	10300	10100	4560 - 13600	Acceptable	HASL 300 U-02 28th Ed. 1997	5/11/2022	0.158	10100	1520	
3070	Zinc-65	pCi/kg	5650	5070	4050 - 6920	Acceptable	EPA 901.1 1980	4/20/2022	0.339	5330	929	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A036-608)												
2700	Actinium-228	pCi/kg		1670	1100 - 2100	Not Reported				1550	186	
2755	Americium-241	pCi/kg	1350	1310	707 - 1850	Acceptable	HASL 300 A-01-R 28th Ed. 1997	5/5/2022	-0.169	1420	418	
2772	Bismuth-212	pCi/kg		1840	527 - 2740	Not Reported				1700	356	
2773	Bismuth-214	pCi/kg		790	379 - 1180	Not Reported				790	132	
2800	Cesium-134	pCi/kg		6620	4530 - 7910	Not Reported				6030	907	
2805	Cesium-137	pCi/kg		6760	5110 - 8550	Not Reported				6840	1020	
2815	Cobalt-60	pCi/kg		2820	2220 - 3480	Not Reported				2830	418	
2902	Lead-212	pCi/kg		1630	1140 - 2060	Not Reported				1620	195	
2903	Lead-214	pCi/kg		838	352 - 1320	Not Reported				838	164	
2905	Manganese-54	pCi/kg		< 555	0.00 - 555	Not Reported						
2930	Plutonium-238	pCi/kg		289	144 - 439	Not Reported				382	123	
2932	Plutonium-239	pCi/kg		1180	643 - 1700	Not Reported				1250	377	
2946	Potassium-40	pCi/kg		37900	26100 - 45300	Not Reported				40400	2780	
3005	Strontium-90	pCi/kg	7520	6720	2090 - 10500	Acceptable	ASTM C1507 2000	5/17/2022	0.00414	7510	1350	
3028	Thorium-234	pCi/kg		3390	1280 - 5810	Not Reported				3840	692	
3036	Uranium-234	pCi/kg		3410	1600 - 4470	Not Reported				3460	408	
3038	Uranium-238	pCi/kg		3390	1860 - 4550	Not Reported				3540	274	
3055	Uranium-Total	pCi/kg		6960	3860 - 9000	Not Reported				6840	346	
1184	Uranium (mass)	µg/kg		10100	4560 - 13600	Not Reported				10100	1520	
3070	Zinc-65	pCi/kg		5070	4050 - 6920	Not Reported				5330	929	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A036-608)												
2700	Actinium-228	pCi/kg		1670	1100 - 2100	Not Reported				1550	186	
2755	Americium-241	pCi/kg		1310	707 - 1850	Not Reported				1420	418	
2772	Bismuth-212	pCi/kg		1840	527 - 2740	Not Reported				1700	356	
2773	Bismuth-214	pCi/kg		790	379 - 1180	Not Reported				790	132	
2800	Cesium-134	pCi/kg		6620	4530 - 7910	Not Reported				6030	907	
2805	Cesium-137	pCi/kg		6760	5110 - 8550	Not Reported				6840	1020	
2815	Cobalt-60	pCi/kg		2820	2220 - 3480	Not Reported				2830	418	
2902	Lead-212	pCi/kg		1630	1140 - 2060	Not Reported				1620	195	
2903	Lead-214	pCi/kg		838	352 - 1320	Not Reported				838	164	
2905	Manganese-54	pCi/kg		< 555	0.00 - 555	Not Reported						
2930	Plutonium-238	pCi/kg		289	144 - 439	Not Reported				382	123	
2932	Plutonium-239	pCi/kg		1180	643 - 1700	Not Reported				1250	377	
2946	Potassium-40	pCi/kg		37900	26100 - 45300	Not Reported				40400	2780	
3005	Strontium-90	pCi/kg	7520	6720	2090 - 10500	Acceptable	ST-RC-0058 Rev 9 2022	5/17/2022	0.00414	7510	1350	
3028	Thorium-234	pCi/kg		3390	1280 - 5810	Not Reported				3840	692	
3036	Uranium-234	pCi/kg		3410	1600 - 4470	Not Reported				3460	408	
3038	Uranium-238	pCi/kg		3390	1860 - 4550	Not Reported				3540	274	
3055	Uranium-Total	pCi/kg		6960	3860 - 9000	Not Reported				6840	346	
1184	Uranium (mass)	µg/kg		10100	4560 - 13600	Not Reported				10100	1520	
3070	Zinc-65	pCi/kg		5070	4050 - 6920	Not Reported				5330	929	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A037-608)												
2700	Actinium-228	pCi/kg		1670	1100 - 2100	Not Reported				1660	157	
2755	Americium-241	pCi/kg	184	147	79.4 - 208	Acceptable	HASL 300 A-01-R 28th Ed. 1997	10/12/2022	0.606	158	42.6	
2772	Bismuth-212	pCi/kg		1670	478 - 2490	Not Reported				1550	437	
2773	Bismuth-214	pCi/kg		790	379 - 1180	Not Reported				764	131	
2800	Cesium-134	pCi/kg		9600	6560 - 11500	Not Reported				8810	1320	
2805	Cesium-137	pCi/kg		7890	5970 - 9980	Not Reported				7960	1140	
2815	Cobalt-60	pCi/kg		1500	1180 - 1850	Not Reported				1520	239	
2902	Lead-212	pCi/kg		1630	1140 - 2060	Not Reported				1690	141	
2903	Lead-214	pCi/kg		838	352 - 1320	Not Reported				830	127	
2905	Manganese-54	pCi/kg		< 555	0.00 - 555	Not Reported						
2930	Plutonium-238	pCi/kg	1190	1100	549 - 1670	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/8/2022	0.305	1080	361	
2932	Plutonium-239	pCi/kg	1020	967	527 - 1390	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/8/2022	0.608	914	174	
2946	Potassium-40	pCi/kg		43100	29700 - 51500	Not Reported				43100	3600	
3005	Strontium-90	pCi/kg	6300	6270	1950 - 9770	Acceptable	ST-RC-0058	11/7/2022	0.106	6120	1700	
3028	Thorium-234	pCi/kg		3320	1250 - 5690	Not Reported				3640	779	
3036	Uranium-234	pCi/kg	3180	3350	1570 - 4390	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/7/2022	0.108	3080	898	
3038	Uranium-238	pCi/kg	3370	3320	1820 - 4460	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/7/2022	-0.0592	3410	742	
3055	Uranium-Total	pCi/kg	6720	6830	3790 - 8830	Acceptable	HASL 300 A-01-R 28th Ed. 1997	11/7/2022	-0.260	6990	1030	
1184	Uranium (mass)	µg/kg	10100	9960	4490 - 13400	Acceptable	HASL 200 A-01-R 28th Ed. 1997	11/15/2022	-0.0636	10200	1440	
3070	Zinc-65	pCi/kg		3990	3190 - 5440	Not Reported				4150	571	

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Study Dates: 09/19/2022 - 11/18/2022

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A037-608)												
2700	Actinium-228	pCi/kg	1890	1670	1100 - 2100	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	1.47	1660	157	
2755	Americium-241	pCi/kg	252	147	79.4 - 208	Not Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	2.20	158	42.6	
2772	Bismuth-212	pCi/kg	1830	1670	478 - 2490	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	0.650	1550	437	
2773	Bismuth-214	pCi/kg	979	790	379 - 1180	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	1.64	764	131	
2800	Cesium-134	pCi/kg	10900	9600	6560 - 11500	Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	1.59	8810	1320	
2805	Cesium-137	pCi/kg	9590	7890	5970 - 9980	Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	1.42	7960	1140	
2815	Cobalt-60	pCi/kg	1860	1500	1180 - 1850	Not Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	1.43	1520	239	
2902	Lead-212	pCi/kg	1910	1630	1140 - 2060	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	1.55	1690	141	
2903	Lead-214	pCi/kg	1110	838	352 - 1320	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	2.21	830	127	
2905	Manganese-54	pCi/kg	< 7.86	< 555	0.00 - 555	Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022				
2930	Plutonium-238	pCi/kg		1100	549 - 1670	Not Reported				1080	361	
2932	Plutonium-239	pCi/kg		967	527 - 1390	Not Reported				914	174	
2946	Potassium-40	pCi/kg	48500	43100	29700 - 51500	Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	1.50	43100	3600	
3005	Strontium-90	pCi/kg	6300	6270	1950 - 9770	Acceptable	ASTM C1507 2007	11/7/2022	0.106	6120	1700	
3028	Thorium-234	pCi/kg	3700	3320	1250 - 5690	Acceptable	HASL 300 Ga-01 28th ED 1997	10/28/2022	0.0806	3640	779	
3036	Uranium-234	pCi/kg	3180	3350	1570 - 4390	Acceptable	HASL 300 U-02 28th Ed. 1997	11/7/2022	0.108	3080	898	
3038	Uranium-238	pCi/kg	3370	3320	1820 - 4460	Acceptable	HASL 300 U-02 28th Ed. 1997	11/7/2022	-0.0592	3410	742	
3055	Uranium-Total	pCi/kg	6720	6830	3790 - 8830	Acceptable	HASL 300 U-02 28th Ed. 1997	11/7/2022	-0.260	6990	1030	
1184	Uranium (mass)	µg/kg	10100	9960	4490 - 13400	Acceptable	HASL 300 U-02 28th Ed. 1997	11/7/2022	-0.0636	10200	1440	
3070	Zinc-65	pCi/kg	5200	3990	3190 - 5440	Acceptable	HASL 300 Ga-01 28th ED 1997	9/29/2022	1.85	4150	571	

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Report Issued: 11/21/2022
Study Dates: 09/19/2022 - 11/18/2022

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A037-608)												
2700	Actinium-228	pCi/kg	1890	1670	1100 - 2100	Acceptable	EPA 901.1 1980	10/28/2022	1.47	1660	157	
2755	Americium-241	pCi/kg	252	147	79.4 - 208	Not Acceptable	EPA 901.1 1980	9/29/2022	2.20	158	42.6	
2772	Bismuth-212	pCi/kg	1830	1670	478 - 2490	Acceptable	EPA 901.1 1980	10/28/2022	0.650	1550	437	
2773	Bismuth-214	pCi/kg	979	790	379 - 1180	Acceptable	EPA 901.1 1980	10/28/2022	1.64	764	131	
2800	Cesium-134	pCi/kg	10900	9600	6560 - 11500	Acceptable	EPA 901.1 1980	9/29/2022	1.59	8810	1320	
2805	Cesium-137	pCi/kg	9590	7890	5970 - 9980	Acceptable	EPA 901.1 1980	9/29/2022	1.42	7960	1140	
2815	Cobalt-60	pCi/kg	1860	1500	1180 - 1850	Not Acceptable	EPA 901.1 1980	9/29/2022	1.43	1520	239	
2902	Lead-212	pCi/kg	1910	1630	1140 - 2060	Acceptable	EPA 901.1 1980	10/28/2022	1.55	1690	141	
2903	Lead-214	pCi/kg	1110	838	352 - 1320	Acceptable	EPA 901.1 1980	10/28/2022	2.21	830	127	
2905	Manganese-54	pCi/kg	< 7.86	< 555	0.00 - 555	Acceptable	EPA 901.1 1980	9/29/2022				
2930	Plutonium-238	pCi/kg		1100	549 - 1670	Not Reported				1080	361	
2932	Plutonium-239	pCi/kg		967	527 - 1390	Not Reported				914	174	
2946	Potassium-40	pCi/kg	48500	43100	29700 - 51500	Acceptable	EPA 901.1 1980	9/29/2022	1.50	43100	3600	
3005	Strontium-90	pCi/kg	9470	6270	1950 - 9770	Acceptable	HASL 300 Sr-02 28th ED 1997	10/24/2022	1.97	6120	1700	
3028	Thorium-234	pCi/kg	3700	3320	1250 - 5690	Acceptable	EPA 901.1 1980	10/28/2022	0.0806	3640	779	
3036	Uranium-234	pCi/kg		3350	1570 - 4390	Not Reported				3080	898	
3038	Uranium-238	pCi/kg		3320	1820 - 4460	Not Reported				3410	742	
3055	Uranium-Total	pCi/kg		6830	3790 - 8830	Not Reported				6990	1030	
1184	Uranium (mass)	µg/kg		9960	4490 - 13400	Not Reported				10200	1440	
3070	Zinc-65	pCi/kg	4340	3990	3190 - 5440	Acceptable	EPA 901.1 1980	9/29/2022	0.340	4150	571	

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A037-608)												
2700	Actinium-228	pCi/kg		1670	1100 - 2100	Not Reported				1660	157	
2755	Americium-241	pCi/kg		147	79.4 - 208	Not Reported				158	42.6	
2772	Bismuth-212	pCi/kg		1670	478 - 2490	Not Reported				1550	437	
2773	Bismuth-214	pCi/kg		790	379 - 1180	Not Reported				764	131	
2800	Cesium-134	pCi/kg		9600	6560 - 11500	Not Reported				8810	1320	
2805	Cesium-137	pCi/kg		7890	5970 - 9980	Not Reported				7960	1140	
2815	Cobalt-60	pCi/kg		1500	1180 - 1850	Not Reported				1520	239	
2902	Lead-212	pCi/kg		1630	1140 - 2060	Not Reported				1690	141	
2903	Lead-214	pCi/kg		838	352 - 1320	Not Reported				830	127	
2905	Manganese-54	pCi/kg		< 555	0.00 - 555	Not Reported						
2930	Plutonium-238	pCi/kg		1100	549 - 1670	Not Reported				1080	361	
2932	Plutonium-239	pCi/kg		967	527 - 1390	Not Reported				914	174	
2946	Potassium-40	pCi/kg		43100	29700 - 51500	Not Reported				43100	3600	
3005	Strontium-90	pCi/kg	9470	6270	1950 - 9770	Acceptable	HASL 300 Sr-03 28th ED 1997	10/24/2022	1.97	6120	1700	
3028	Thorium-234	pCi/kg		3320	1250 - 5690	Not Reported				3640	779	
3036	Uranium-234	pCi/kg		3350	1570 - 4390	Not Reported				3080	898	
3038	Uranium-238	pCi/kg		3320	1820 - 4460	Not Reported				3410	742	
3055	Uranium-Total	pCi/kg		6830	3790 - 8830	Not Reported				6990	1030	
1184	Uranium (mass)	µg/kg		9960	4490 - 13400	Not Reported				10200	1440	
3070	Zinc-65	pCi/kg		3990	3190 - 5440	Not Reported				4150	571	

ERA
A Waters Company

MRAD-37 Final Evaluation Report

Marti Ward
Quality Assurance Specialist
TestAmerica St Louis
13715 Rider Trail North
Earth City, MO 63045
(314) 298-8566

EPA ID: MO00054
ERA Customer Number: R145612
Report Issued: 11/21/2022
Study Dates: 09/19/2022 - 11/18/2022

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name
MRAD Soil Radionuclides (cat# 802, lot# A037-608)												
2700	Actinium-228	pCi/kg		1670	1100 - 2100	Not Reported				1660	157	
2755	Americium-241	pCi/kg		147	79.4 - 208	Not Reported				158	42.6	
2772	Bismuth-212	pCi/kg		1670	478 - 2490	Not Reported				1550	437	
2773	Bismuth-214	pCi/kg		790	379 - 1180	Not Reported				764	131	
2800	Cesium-134	pCi/kg		9600	6560 - 11500	Not Reported				8810	1320	
2805	Cesium-137	pCi/kg		7890	5970 - 9980	Not Reported				7960	1140	
2815	Cobalt-60	pCi/kg		1500	1180 - 1850	Not Reported				1520	239	
2902	Lead-212	pCi/kg		1630	1140 - 2060	Not Reported				1690	141	
2903	Lead-214	pCi/kg		838	352 - 1320	Not Reported				830	127	
2905	Manganese-54	pCi/kg		< 555	0.00 - 555	Not Reported						
2930	Plutonium-238	pCi/kg		1100	549 - 1670	Not Reported				1080	361	
2932	Plutonium-239	pCi/kg		967	527 - 1390	Not Reported				914	174	
2946	Potassium-40	pCi/kg		43100	29700 - 51500	Not Reported				43100	3600	
3005	Strontium-90	pCi/kg	9470	6270	1950 - 9770	Acceptable	EPA 905.0 1980	10/24/2022	1.97	6120	1700	
3028	Thorium-234	pCi/kg		3320	1250 - 5690	Not Reported				3640	779	
3036	Uranium-234	pCi/kg		3350	1570 - 4390	Not Reported				3080	898	
3038	Uranium-238	pCi/kg		3320	1820 - 4460	Not Reported				3410	742	
3055	Uranium-Total	pCi/kg		6830	3790 - 8830	Not Reported				6990	1030	
1184	Uranium (mass)	µg/kg		9960	4490 - 13400	Not Reported				10200	1440	
3070	Zinc-65	pCi/kg		3990	3190 - 5440	Not Reported				4150	571	

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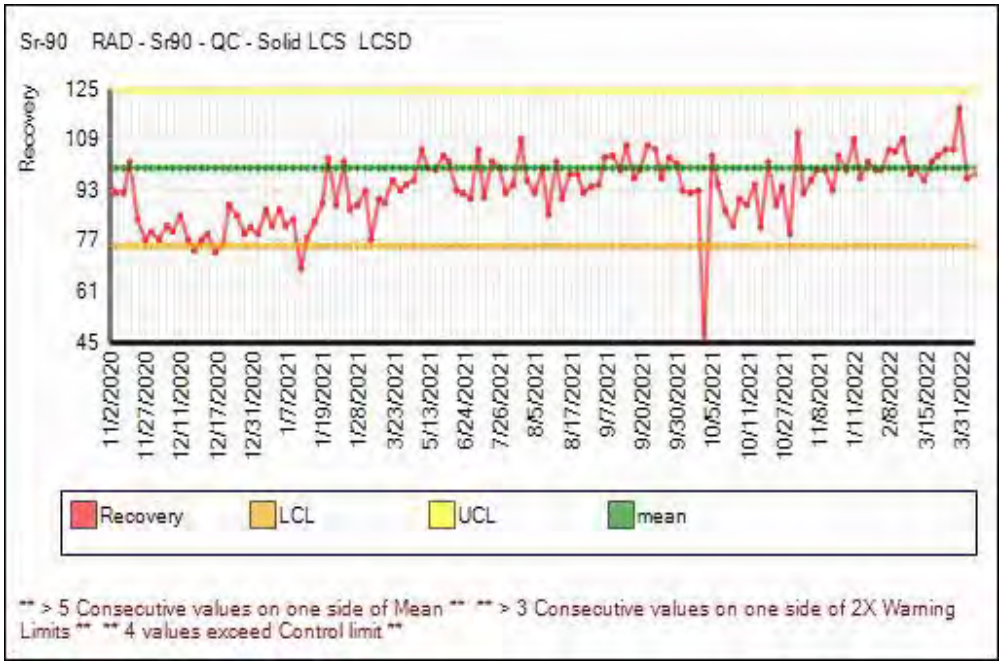
CONTROL CHART METHOD: 905

eurofins | Environment Testing

Limit Group RAD - Sr90 - QC - Solid
Laboratory Eurofins St. Louis
Preparation DPS-7
TCLP

Sr-90 Analysis Dates: 9/1/2020 to 5/31/2022



Current Limits

Recovery

LCL	UCL
75	125

Precision

Limit
25

Calculated Limits

Recovery

LCL	UCL	Edit	Mean	Std Dev	Min Rec	Max Rec	Units	N
61	125	N	93.12	10.6223	45	119	%	123

Sr-90

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-486415/1-A	11/02/2020	487757	61	Cruz, Fernando L	GFPCBLUE	7.37283	7.373	pCi/g	7.781800	94.744	95			
LCS 160-488167/1-A	11/13/2020	489049	77	Cruz, Fernando L	GFPCBLUE	7.136364	7.136	pCi/g	7.776165	91.772	92			
LCS 160-487795/1-A	11/16/2020	489235	78	Cruz, Fernando L	GFPCBLUE	7.118647	7.119	pCi/g	7.774619	91.562	92			
LCS 160-488461/1-A	11/17/2020	489415	82	Mazariegos, Chelsea	GFPCORANG	7.914271	7.914	pCi/g	7.77416	101.80	102			
LCS 160-488881/1-A	11/23/2020	490003	59	Cruz, Fernando L	GFPCPURPLE	6.519864	6.520	pCi/g	7.771076	83.899	84			
LCS 160-489451/1-A	11/27/2020	490336	85	Cruz, Fernando L	GFPCBLUE	6.020597	6.021	pCi/g	7.769053	77.494	77			
LCS 160-490558/1-A	12/09/2020	491327	78	Cruz, Fernando L	GFPCPURPLE	6.227002	6.227	pCi/g	7.762888	80.215	80			
LCS 160-490555/1-A	12/09/2020	491328	79	Cruz, Fernando L	GFPCBLUE	6.009014	6.009	pCi/g	7.762886	77.406	77			
LCS 160-490602/1-A	12/10/2020	491422	99	Cruz, Fernando L	GFPCPURPLE	6.391969	6.392	pCi/g	7.76238	82.345	82			
LCS 160-490603/1-A	12/10/2020	491432	95	Cruz, Fernando L	GFPCBLUE	6.227534	6.228	pCi/g	7.762376	80.227	80			
LCS 160-490766/1-A	12/11/2020	491588	97	Cruz, Fernando L	GFPCORANG	6.569444	6.569	pCi/g	7.761908	84.636	85			
LCS 160-490803/1-A	12/14/2020	491726	68	Cruz, Fernando L	GFPCORANG	6.009283	6.009	pCi/g	7.760367	77.435	77			
LCS 160-490804/1-A	12/14/2020	491659	108	Cruz, Fernando L	GFPCPURPLE	5.72198	5.722	pCi/g	7.760354	73.733	74			
LCS 160-490971/1-A	12/16/2020	492106	85	Mazariegos, Chelsea	GFPCORANG	5.989352	5.989	pCi/g	7.759332	77.189	77			
LCS 160-491156/1-A	12/17/2020	492312	72	Bernsen, Sarah C	GFPCPURPLE	6.161789	6.162	pCi/g	7.758846	79.416	79			
LCS 160-491157/1-A	12/17/2020	492264	101	Cruz, Fernando L	GFPCORANG	5.690008	5.690	pCi/g	7.758831	73.335	73			

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Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-491323/1-A	12/18/2020	492430	86	Bernsen, Sarah C	GFPCORANG	5.89725	5.897	pCi/g	7.758251	76.012	76			
LCS 160-491425/1-A	12/22/2020	492806	108	Schultz, Tayla M	GFPCBLUE	6.791001	6.791	pCi/g	7.756274	87.554	88			
LCS 160-491426/1-A	12/22/2020	492800	88	Schultz, Tayla M	GFPCPURPLE	6.556542	6.557	pCi/g	7.756266	84.532	85			
LCS 160-491750/1-A	12/23/2020	492893	88	Cruz, Fernando L	GFPCBLUE	6.128489	6.128	pCi/g	7.755775	79.018	79			
LCS 160-491950/1-A	12/31/2020	493658	104	Bernsen, Sarah C	GFPCORANG	6.295959	6.296	pCi/g	7.751664	81.220	81			
LCS 160-491959/1-A	12/31/2020	493665	83	Mazariegos, Chelsea	GFPCPURPLE	6.098333	6.098	pCi/g	7.751656	78.671	79			
LCS 160-492111/1-A	01/04/2021	493723	67	Bernsen, Sarah C	GFPCPURPLE	6.756309	6.756	pCi/g	7.749728	87.181	87			
LCS 160-493207/1-A	01/06/2021	494112	64	Cruz, Fernando L	GFPCPURPLE	6.323768	6.324	pCi/g	7.748635	81.611	82			
LCS 160-493201/1-A	01/06/2021	494114	77	Cruz, Fernando L	GFPCBLUE	6.743504	6.744	pCi/g	7.748632	87.028	87			
LCS 160-493370/1-A	01/07/2021	494260	74	Cruz, Fernando L	GFPCBLUE	6.390756	6.391	pCi/g	7.748167	82.480	82			
LCS 160-493537/1-A	01/13/2021	494939	83	Cruz, Fernando L	GFPCPURPLE	6.521691	6.522	pCi/g	7.745079	84.204	84			
LCS 160-493938/1-A	01/14/2021	495085	88	Bernsen, Sarah C	GFPCORANG	2.821914	2.822	pCi/g	4.149256	68.010	68			
LCS 160-494122/1-A	01/15/2021	495353	84	Cruz, Fernando L	GFPCORANG	3.229145	3.229	pCi/g	4.148982	77.829	78			
LCS 160-494275/1-A	01/18/2021	495469	65	Cruz, Fernando L	GFPCORANG	3.449072	3.449	pCi/g	4.148182	83.146	83			
LCS 160-494276/1-A	01/19/2021	495693	103	Cruz, Fernando L	GFPCBLUE	3.694702	3.695	pCi/g	4.14789	89.074	89			
LCS 160-494419/1-A	01/21/2021	496078	66	Bernsen, Sarah C	GFPCORANG	8.516684	8.517	pCi/g	8.294693	102.67	103			
LCS 160-494421/1-A	01/21/2021	496080	77	Bernsen, Sarah C	GFPCBLUE	7.330624	7.331	pCi/g	8.294680	88.377	88			
LCS 160-494936/1-A	01/22/2021	496293	88	Bernsen, Sarah C	GFPCORANG	8.492277	8.492	pCi/g	8.294156	102.38	102			
LCS 160-495330/2-A	01/27/2021	496862	87	Cruz, Fernando L	GFPCORANG	7.195081	7.195	pCi/g	8.291402	86.777	87			
LCS 160-495657/1-A	01/28/2021	497012	78	Cruz, Fernando L	GFPCORANG	7.315911	7.316	pCi/g	8.290865	88.240	88			
LCS 160-495823/1-A	01/29/2021	497166	72	Cruz, Fernando L	GFPCBLUE	7.692023	7.692	pCi/g	8.29032	92.783	93			
LCS 160-496668/1-A	02/05/2021	497944	74	Woods, Aamber N	GFPCORANG	6.395899	6.396	pCi/g	8.286568	77.183	77			
LCS 160-496850/1-A	02/05/2021	497944	79	Woods, Aamber N	GFPCORANG	7.434074	7.434	pCi/g	8.286567	89.712	90			
LCS 160-499477/1-A	03/03/2021	500611	68	Korrinhizer, Micha I	GFPCPURPLE	7.390906	7.391	pCi/g	8.272347	89.344	89			
LCS 160-501510/1-A	03/23/2021	502818	86	Kraus, Amanda	GFPCBLUE	7.894123	7.894	pCi/g	8.261546	95.552	96			
LCS 160-501579/1-A	03/23/2021	502818	91	Kraus, Amanda	GFPCBLUE	7.713955	7.714	pCi/g	8.261546	93.371	93			
LCS 160-503169/1-A	04/07/2021	504914	90	Woods, Aamber N	GFPCBLUE	7.805222	7.805	pCi/g	8.253372	94.570	95			
LCS 160-507507/1-A	05/07/2021	508776	69	Bernsen, Sarah C	GFPCBLUE	7.876426	7.876	pCi/g	8.237198	95.620	96			
LCS 160-508276/1-A	05/13/2021	509482	108	Woods, Aamber N	GFPCORANG	8.76131	8.761	pCi/g	8.233925	106.40	106			
LCS 160-508275/1-A	05/13/2021	509487	70	Bernsen, Sarah C	GFPCRED	8.214117	8.214	pCi/g	8.233920	99.759	100			
LCS 160-509362/1-A	05/21/2021	511001	89	Bernsen, Sarah C	GFPCORANG	8.168597	8.169	pCi/g	8.229615	99.258	99			
LCS 160-508725/1-A	05/21/2021	510992	50	Bernsen, Sarah C	GFPCRED	17.07126	17.07	pCi/g	16.45921	103.71	104			
LCSD 160-508725/2-A	05/21/2021	510992	51	Bernsen, Sarah C	GFPCRED	16.75373	16.75	pCi/g	16.45921	101.78	102	1.870	2	
LCS 160-511903/1-A	06/09/2021	513485	90	Bernsen, Sarah C	GFPCBLUE	7.668925	7.669	pCi/g	8.219317	93.303	93			
LCS 160-514245/1-A	06/24/2021	515888	94	Bernsen, Sarah C	GFPCPURPLE	7.535789	7.536	pCi/g	8.211212	91.774	92			
LCS 160-515875/1-A	07/06/2021	517417	52	Bernsen, Sarah C	GFPCPROTEA	7.343255	7.343	pCi/g	8.204694	89.500	90			
LCS 160-516657/1-A	07/12/2021	518289	129	Bernsen, Sarah C	GFPCBLUE	8.6714	8.671	pCi/g	8.201527	105.72	106			
LCS 160-517437/1-A	07/16/2021	519036	40	Bernsen, Sarah C	GFPCPROTEA	7.485221	7.485	pCi/g	8.19934	91.290	91			
LCS 160-518893/1-A	07/25/2021	520110	49	Bernsen, Sarah C	GFPCRED	8.337587	8.338	pCi/g	8.194582	101.74	102			
LCS 160-518701/1-A	07/26/2021	520300	30	Bernsen, Sarah C	GFPCORANG	8.162847	8.163	pCi/g	8.193970	99.620	100			
LCS 160-518891/2-A	07/27/2021	520324	85	Bernsen, Sarah C	GFPCRED	7.512136	7.512	pCi/g	8.193415	91.685	92			
LCS 160-518702/1-A	07/27/2021	520378	28	Bernsen, Sarah C	GFPCPROTEA	7.821248	7.821	pCi/g	8.193408	95.457	95			
LCS 160-518938/1-A	07/28/2021	520430	29	Mazariegos, Chelsea	GFPCORANG	8.941331	8.941	pCi/g	8.192917	109.13	109			
LCS 160-519394/1-A	07/29/2021	520677	54	Mazariegos, Chelsea	GFPCPURPLE	2.351962	2.352	pCi/g	2.441717	96.324	96			
LCS 160-520135/1-A	08/05/2021	521466	13	Bernsen, Sarah C	GFPCORANG	7.547656	7.548	pCi/g	8.188648	92.172	92			
LCS 160-520365/1-A	08/06/2021	521634	120	Woods, Aamber N	GFPCBLUE	7.660877	7.661	pCi/g	7.641556	100.25	100			
LCS 160-520833/1-A	08/11/2021	522138	91	Bernsen, Sarah C	GFPCPURPLE	6.529944	6.530	pCi/g	7.639072	85.480	85			
LCS 160-520878/1-A	08/12/2021	522400	70	Woods, Aamber N	GFPCRED	7.817489	7.817	pCi/g	7.638559	102.34	102			

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Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-521382/1-A	08/17/2021	523038	36	Woods, Aamber N	GFPCPROTEA	6.866032	6.866	pCi/g	7.636043	89.916(	90			
LCS 160-521454/1-A	08/17/2021	523038	37	Woods, Aamber N	GFPCPROTEA	7.50396	7.504	pCi/g	7.635961	98.271:	98			
LCS 160-521699/1-A	08/18/2021	523156	82	Woods, Aamber N	GFPCBLUE	7.506093	7.506	pCi/g	7.635649	98.303:	98			
LCS 160-522143/1-A	08/20/2021	523533	44	Boyd, Jacob C	GFPCPROTEA	7.034017	7.034	pCi/g	7.634602	92.133:	92			
LCS 160-523312/1-A	08/30/2021	524660	79	Bernsen, Sarah C	GFPCRED	7.203979	7.204	pCi/g	7.629544	94.4221	94			
LCS 160-524092/1-A	09/03/2021	525606	35	Woods, Aamber N	GFPCPROTEA	7.222739	7.223	pCi/g	7.627554	94.692:	95			
LCS 160-524247/1-A	09/07/2021	525700	69	Bernsen, Sarah C	GFPCPURPLE	7.827266	7.827	pCi/g	7.625501	102.64:	103			
LCS 160-524109/1-A	09/07/2021	525699	61	Bernsen, Sarah C	GFPCBLUE	7.957577	7.958	pCi/g	7.625498	104.35:	104			
LCS 160-524352/1-A	09/07/2021	525699	74	Bernsen, Sarah C	GFPCBLUE	7.573822	7.574	pCi/g	7.625492	99.322:	99			
LCS 160-524979/1-A	09/16/2021	527379	76	Woods, Aamber N	GFPCRED	8.190505	8.191	pCi/g	7.620912	107.47:	107			
LCS 160-525601/2-A	09/20/2021	527824	50	Bernsen, Sarah C	GFPCPROTEA	7.386646	7.387	pCi/g	7.619030	96.949:	97			
LCS 160-526199/1-A	09/20/2021	527815	83	Cruz, Fernando L	GFPCBLUE	7.522781	7.523	pCi/g	7.619025	98.736:	99			
LCS 160-525950/2-A	09/24/2021	528872	42	Woods, Aamber N	GFPCPROTEA	8.160574	8.161	pCi/g	7.617035	107.13:	107			
LCS 160-525600/2-A	09/25/2021	528884	122	Bernsen, Sarah C	GFPCBLUE	8.082193	8.082	pCi/g	7.616509	106.11:	106			
LCS 160-527382/2-A	09/28/2021	529156	93	Woods, Aamber N	GFPCBLUE	7.42193	7.422	pCi/g	7.615008	97.464:	97			
LCS 160-526078/2-A	09/28/2021	529143	54	Woods, Aamber N	GFPCPROTEA	7.81284	7.813	pCi/g	7.615007	102.59:	103			
LCS 160-527607/2-A	09/30/2021	529523	126	Hoerchler, Elizabeth	GFPCBLUE	7.717671	7.718	pCi/g	7.613889	101.36:	101			
LCS 160-525828/2-A	10/01/2021	529702	78	Hoerchler, Elizabeth	GFPCPURPLE	7.117702	7.118	pCi/g	7.613544	93.487:	93			
LCS 160-525839/2-A	10/01/2021	529702	84	Hoerchler, Elizabeth	GFPCPURPLE	7.013908	7.014	pCi/g	7.613466	92.125(	92			
LCS 160-527652/2-A	10/04/2021	530078	58	Woods, Aamber N	GFPCPROTEA	7.087415	7.087	pCi/g	7.611977	93.108:	93			
LCS 160-527618/2-A	10/05/2021	530399	49	Woods, Aamber N	GFPCPROTEA	6.885786	6.886	pCi/g	15.22292	45.233(	45			
LCS 160-527616/2-A	10/05/2021	530099	57	Woods, Aamber N	GFPCRED	7.892354	7.892	pCi/g	7.611456	103.69(	104			
LCS 160-528530/2-A	10/06/2021	530400	89	Bernsen, Sarah C	GFPCORANG	7.200667	7.201	pCi/g	7.611002	94.608(	95			
LCS 160-527804/2-A	10/07/2021	530525	48	Bernsen, Sarah C	GFPCPROTEA	6.548645	6.549	pCi/g	7.610408	86.048:	86			
LCS 160-527864/1-A	10/08/2021	530632	81	Woods, Aamber N	GFPCORANG	6.269385	6.269	pCi/g	7.609914	82.384:	82			
LCS 160-528280/2-A	10/11/2021	530651	57	Hoerchler, Elizabeth	GFPCPROTEA	6.877813	6.878	pCi/g	7.608480	90.396(	90			
LCS 160-527853/2-A	10/11/2021	530631	80	Hoerchler, Elizabeth	GFPCRED	6.709516	6.710	pCi/g	7.608476	88.184:	88			
LCS 160-527615/2-A	10/12/2021	531336	51	Woods, Aamber N	GFPCPROTEA	7.264622	7.265	pCi/g	7.608008	95.486:	95			
LCS 160-529068/2-A	10/14/2021	531959	135	Cruz, Fernando L	GFPCORANG	6.155307	6.155	pCi/g	7.606952	80.916:	81			
LCS 160-530561/1-A	10/20/2021	532958	51	Woods, Aamber N	GFPCPROTEA	7.757019	7.757	pCi/g	7.603952	102.01:	102			
LCS 160-530422/1-A	10/21/2021	533032	98	Korrinhizer, Micha I	GFPCPURPLE	6.65766	6.658	pCi/g	7.603506	87.560:	88			
LCS 160-529545/1-A	10/27/2021	533811	59	Woods, Aamber N	GFPCPROTEA	7.109007	7.109	pCi/g	7.600526	93.533(	94			
LCS 160-529325/1-A	10/27/2021	533972	106	Woods, Aamber N	GFPCORANG	5.996469	5.996	pCi/g	7.600440	78.896:	79			
LCS 160-531075/1-A	11/02/2021	534662	136	Korrinhizer, Micha I	GFPCBLUE	8.454626	8.455	pCi/g	7.597442	111.28:	111			
LCS 160-533654/1-A	11/04/2021	535180	113	Cruz, Fernando L	GFPCORANG	7.022165	7.022	pCi/g	7.596500	92.439:	92			
LCS 160-533891/1-A	11/05/2021	535213	116	Korrinhizer, Micha I	GFPCRED	7.302702	7.303	pCi/g	7.596018	96.138:	96			
LCS 160-534015/1-A	11/08/2021	535427	59	Hoerchler, Elizabeth	GFPCPROTEA	7.54018	7.540	pCi/g	7.594503	99.284(	99			
LCS 160-535176/1-A	11/19/2021	537574	93	Woods, Aamber N	GFPCPURPLE	7.504531	7.505	pCi/g	7.589099	98.885(	99			
LCS 160-533187/1-A	11/22/2021	538185	66	Korrinhizer, Micha I	GFPCORANG	7.028465	7.028	pCi/g	7.587580	92.631:	93			
LCS 160-537525/1-A	01/11/2022	545982	18	Cruz, Fernando L	GFPCPROTEA	7.8995	7.900	pCi/g	7.562654	104.45:	104			
LCS 160-535411/1-A	01/11/2022	545821	145	Cruz, Fernando L	GFPCRED	7.497692	7.498	pCi/g	7.562652	99.141(	99			
LCS 160-536876/1-A	01/11/2022	545837	104	Cruz, Fernando L	GFPCBLUE	8.225974	8.226	pCi/g	7.562649	108.77:	109			
LCS 160-537299/1-A	01/12/2022	546037	59	Cruz, Fernando L	GFPCPURPLE	7.371896	7.372	pCi/g	7.562155	97.484(	97			
LCS 160-543293/1-A	01/13/2022	546214	112	Cruz, Fernando L	GFPCRED	7.694911	7.695	pCi/g	7.561689	101.76:	102			
LCS 160-534483/1-A	01/20/2022	547233	137	Woods, Aamber N	GFPCRED	7.515614	7.516	pCi/g	7.558147	99.437:	99			
LCS 160-546232/1-A	01/25/2022	548004	128	Cruz, Fernando L	GFPCBLUE	7.466675	7.467	pCi/g	7.555712	98.821:	99			
LCS 160-548018/1-A	02/08/2022	549760	166	Cruz, Fernando L	GFPCBLUE	8.007467	8.007	pCi/g	7.548772	106.07(	106			
LCS 160-550031/1-A	02/25/2022	552522	65	Park, Cassandra L	GFPCBLUE	7.914166	7.914	pCi/g	7.540424	104.95(	105			

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Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-550035/1-A	02/25/2022	552522	69	Park, Cassandra L	GFPCBLUE	8.250608	8.251	pCi/g	7.540423	109.418	109			
LCS 160-552216/1-A	03/08/2022	554089	113	Cruz, Fernando L	GFPCRED	7.371275	7.371	pCi/g	7.534938	97.8279	98			
LCS 160-552857/1-A	03/14/2022	555100	20	Cruz, Fernando L	GFPCPROTE	7.511244	7.511	pCi/g	7.531926	99.7254	100			
LCS 160-553152/1-A	03/15/2022	555457	95	Park, Cassandra L	GFPCPURPLE	7.261836	7.262	pCi/g	7.531466	96.4199	96			
LCS 160-554804/1-A	03/22/2022	556444	98	Cruz, Fernando L	GFPCRED	7.703407	7.703	pCi/g	7.527973	102.330	102			
LCS 160-555715/1-A	03/28/2022	557421	91	Cruz, Fernando L	GFPCRED	7.812104	7.812	pCi/g	7.525006	103.815	104			
LCS 160-555645/1-A	03/30/2022	558028	112	Cruz, Fernando L	GFPCORANG	7.968624	7.969	pCi/g	7.524026	105.909	106			
LCS 160-555933/1-A	03/30/2022	557860	124	Cruz, Fernando L	GFPCBLUE	7.946537	7.947	pCi/g	7.524024	105.615	106			
LCS 160-556494/1-A	03/31/2022	558069	79	Park, Cassandra L	GFPCBLUE	8.930911	8.931	pCi/g	7.523651	118.704	119			
LCS 160-561239/1-A	05/04/2022	563516	120	Boyd, Jacob C	GFPCBLUE	7.312325	7.312	pCi/g	7.506733	97.4102	97			
LCS 160-565768/1-A	05/24/2022	567048	121	Cruz, Fernando L	GFPCORANG	7.322115	7.322	pCi/g	7.496951	97.6679	98			

CONTROL CHART METHOD: 905

Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason. Limits marked Edit = Y were edited; Reason should be noted just below Edit column

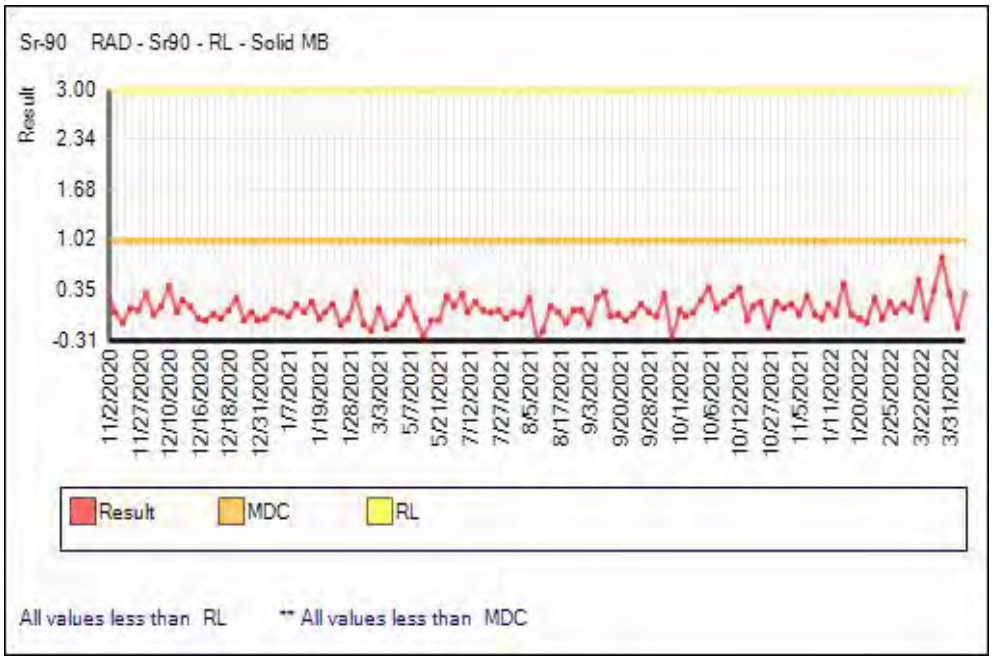
METHOD BLANK CHART METHOD: 905

eurofins | Environment Testing

Limit Group **RAD - Sr90 - RL - Solid**

Laboratory Eurofins St. Louis

Sr-90 Analysis Dates: 9/1/2020 to 5/31/2022



Current Reporting Limits		
MDC	Upper	Units
1.0	3.0	pCi/g

Blank Statistics					
Mean	Std Dev	Min	Max	Units	N
0.0871354	0.1656210	-0.307237	0.7745258	pCi/g	115

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Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-486415/6-A	11/02/2020	487757	66	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.27554	pCi/g	No
MB 160-487795/13-A	11/16/2020	489235	90	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.06134386	pCi/g	No
MB 160-488461/5-A	11/17/2020	489415	86	Mazariegos, Chelsea M	905_Sr90	DPS_7	GFPCORAN	-0.06923047	pCi/g	No
MB 160-488881/24-A	11/23/2020	490005	71	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.1208524	pCi/g	No
MB 160-489451/7-A	11/27/2020	490336	91	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.08461874	pCi/g	No
MB 160-490558/22-A	12/09/2020	491328	78	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.2855277	pCi/g	No
MB 160-490555/21-A	12/09/2020	491299	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.03920923	pCi/g	No
MB 160-490603/21-A	12/10/2020	491401	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.1284493	pCi/g	No
MB 160-490602/23-A	12/10/2020	491432	94	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.4079608	pCi/g	No
MB 160-490766/22-A	12/11/2020	491588	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.04776227	pCi/g	No
MB 160-490803/23-A	12/14/2020	491659	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	0.2289189	pCi/g	No
MB 160-490804/22-A	12/14/2020	491746	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.1448848	pCi/g	No
MB 160-490971/23-A	12/16/2020	492108	95	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	-0.0236008	pCi/g	No
MB 160-490969/23-A	12/16/2020	492108	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	-0.05412759	pCi/g	No
MB 160-491156/23-A	12/17/2020	492264	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.02919791	pCi/g	No
MB 160-491157/23-A	12/17/2020	492288	87	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	-0.01177416	pCi/g	No
MB 160-491323/23-A	12/18/2020	492430	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.0739188	pCi/g	No
MB 160-491426/23-A	12/22/2020	492806	###	Schultz, Tayla M	905_Sr90	DPS_7	GFPCBLUE	0.2376715	pCi/g	No

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Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-491425/23-A	12/22/2020	492788	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	-0.06392219	pCi/g	No
MB 160-491750/23-A	12/23/2020	492906	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.06619699	pCi/g	No
MB 160-491950/23-A	12/31/2020	493665	82	Mazariegos, Chelsea M	905_Sr90	DPS_7	GFPCPURPI	-0.05051744	pCi/g	No
MB 160-492111/22-A	01/04/2021	493835	76	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	-0.03797779	pCi/g	No
MB 160-493201/23-A	01/06/2021	494113	85	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.09294062	pCi/g	No
MB 160-493207/23-A	01/06/2021	494113	92	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.04436013	pCi/g	No
MB 160-493370/23-A	01/07/2021	494269	35	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCRED	0.01491874	pCi/g	No
MB 160-493537/23-A	01/13/2021	494940	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.1716788	pCi/g	No
MB 160-493938/15-A	01/14/2021	495085	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.04488314	pCi/g	No
MB 160-494122/23-A	01/15/2021	495353	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.1876616	pCi/g	No
MB 160-494276/13-A	01/19/2021	495693	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	-0.0329143	pCi/g	No
MB 160-494419/23-A	01/21/2021	496073	63	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.04972857	pCi/g	No
MB 160-494421/23-A	01/21/2021	496073	74	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.173531	pCi/g	No
MB 160-495330/1-A	01/27/2021	496862	85	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	-0.1076066	pCi/g	No
MB 160-495657/23-A	01/28/2021	497055	71	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	-0.02596064	pCi/g	No
MB 160-495823/16-A	01/29/2021	497166	85	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.3349467	pCi/g	No
MB 160-496668/5-A	02/05/2021	497944	78	Woods, Aamber N	905_Sr90	DPS_7	GFPCORAN	-0.1078595	pCi/g	No
MB 160-496850/7-A	02/05/2021	497944	85	Woods, Aamber N	905_Sr90	DPS_7	GFPCORAN	-0.1744439	pCi/g	No
MB 160-499477/5-A	03/03/2021	500611	59	Korrinhizer, Micha L	905_Sr90	DPS_7	GFPCPURPI	0.09956224	pCi/g	No
MB 160-501510/5-A	03/23/2021	502818	90	Kraus, Amanda	905_Sr90	DPS_7	GFPCBLUE	-0.1602077	pCi/g	No
MB 160-501579/4-A	03/23/2021	502818	94	Kraus, Amanda	905_Sr90	DPS_7	GFPCBLUE	-0.1060961	pCi/g	No
MB 160-503169/21-A	04/07/2021	504915	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCORAN	0.01919399	pCi/g	No
MB 160-507507/11-A	05/07/2021	508776	79	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.2521261	pCi/g	No
MB 160-508276/4-A	05/13/2021	509482	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCORAN	-0.03065544	pCi/g	No
MB 160-508275/9-A	05/13/2021	509487	92	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCRED	-0.2536316	pCi/g	No
MB 160-509362/6-A	05/21/2021	511001	94	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	-0.06093422	pCi/g	No
MB 160-508725/5-A	05/21/2021	510992	54	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCRED	-0.05964853	pCi/g	No
MB 160-511903/5-A	06/09/2021	513485	94	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.2593845	pCi/g	No
MB 160-514245/5-A	06/24/2021	515888	98	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.1310689	pCi/g	No
MB 160-515875/23-A	07/06/2021	301933	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCBLUE	0.2985509	pCi/g	No
MB 160-516657/23-A	07/12/2021	518279	###	Kraus, Amanda	905_Sr90	DPS_7	GFPCPURPI	0.06332284	pCi/g	No
MB 160-517437/23-A	07/16/2021	519025	72	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.1852737	pCi/g	No
MB 160-518893/4-A	07/25/2021	520110	22	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCRED	0.07374324	pCi/g	No
MB 160-518701/23-A	07/26/2021	520298	74	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.04230924	pCi/g	No
MB 160-518891/24-A	07/27/2021	520325	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.07805482	pCi/g	No
MB 160-518702/5-A	07/27/2021	520378	27	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPROTI	-0.03322984	pCi/g	No
MB 160-518938/23-A	07/28/2021	520440	21	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPROTI	0.06904199	pCi/g	No
MB 160-519394/23-A	07/29/2021	520677	70	Mazariegos, Chelsea M	905_Sr90	DPS_7	GFPCPURPI	0.0413398	pCi/g	No
MB 160-520135/23-A	08/05/2021	521466	17	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.2459288	pCi/g	No
MB 160-520365/23-A	08/06/2021	521543	84	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	-0.3072372	pCi/g	No
MB 160-520833/9-A	08/11/2021	522140	###	Kraus, Amanda	905_Sr90	DPS_7	GFPCBLUE	-0.1729669	pCi/g	No
MB 160-521382/23-A	08/17/2021	522858	28	Boyd, Jacob C	905_Sr90	DPS_7	GFPCRED	0.1231064	pCi/g	No
MB 160-521454/23-A	08/17/2021	522856	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCBLUE	0.06359006	pCi/g	No
MB 160-521699/23-A	08/18/2021	523169	79	Mazariegos, Chelsea M	905_Sr90	DPS_7	GFPCPURPI	-0.08710673	pCi/g	No
MB 160-522143/4-A	08/20/2021	523533	43	Boyd, Jacob C	905_Sr90	DPS_7	GFPCPROTI	0.08086306	pCi/g	No
MB 160-523312/4-A	08/30/2021	524660	82	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCRED	0.08162537	pCi/g	No

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Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-524092/10-A	09/03/2021	525606	43	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	-0.1105615	pCi/g	No
MB 160-524247/18-A	09/07/2021	525700	75	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.2355523	pCi/g	No
MB 160-524109/10-A	09/07/2021	525699	69	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.3189526	pCi/g	No
MB 160-524352/23-A	09/07/2021	525785	50	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	-0.00981646:	pCi/g	No
MB 160-525601/1-A	09/20/2021	527824	49	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPROTI	0.03829334	pCi/g	No
MB 160-526199/23-A	09/20/2021	527820	71	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	-0.05287325	pCi/g	No
MB 160-525950/1-A	09/24/2021	528872	41	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	0.02359821	pCi/g	No
MB 160-525600/1-A	09/25/2021	528884	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCBLUE	0.1514866	pCi/g	No
MB 160-527382/1-A	09/28/2021	529156	92	Woods, Aamber N	905_Sr90	DPS_7	GFPCBLUE	0.05469699	pCi/g	No
MB 160-526078/1-A	09/28/2021	529143	53	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	0.005609245	pCi/g	No
MB 160-527607/1-A	09/30/2021	529523	###	Hoerchler, Elizabeth M	905_Sr90	DPS_7	GFPCBLUE	0.3002352	pCi/g	No
MB 160-525828/1-A	10/01/2021	529702	77	Hoerchler, Elizabeth M	905_Sr90	DPS_7	GFPCPURPI	-0.3068361	pCi/g	No
MB 160-525839/1-A	10/01/2021	529702	83	Hoerchler, Elizabeth M	905_Sr90	DPS_7	GFPCPURPI	0.07207646	pCi/g	No
MB 160-527652/1-A	10/04/2021	530078	57	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	0.0127914	pCi/g	No
MB 160-527618/1-A	10/05/2021	530399	48	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	0.06126048	pCi/g	No
MB 160-527616/1-A	10/05/2021	530099	56	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	0.2294923	pCi/g	No
MB 160-528530/1-A	10/06/2021	530400	88	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCORAN	0.3664642	pCi/g	No
MB 160-527864/23-A	10/08/2021	530558	###	Bernsen, Sarah C	905_Sr90	DPS_7	GFPCPURPI	0.09800705	pCi/g	No
MB 160-528280/1-A	10/11/2021	530651	56	Hoerchler, Elizabeth M	905_Sr90	DPS_7	GFPCPROTI	0.1896982	pCi/g	No
MB 160-527853/1-A	10/11/2021	530631	79	Hoerchler, Elizabeth M	905_Sr90	DPS_7	GFPCRED	0.2615507	pCi/g	No
MB 160-527615/1-A	10/12/2021	531336	50	Woods, Aamber N	905_Sr90	DPS_7	GFPCPROTI	0.3864626	pCi/g	No
MB 160-529068/1-A	10/14/2021	531959	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	-0.04945747	pCi/g	No
MB 160-530561/13-A	10/20/2021	532800	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	0.1328928	pCi/g	No
MB 160-530422/12-A	10/21/2021	532972	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCORAN	0.1858483	pCi/g	No
MB 160-529325/23-A	10/27/2021	533793	###	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	-0.1251365	pCi/g	No
MB 160-529545/18-A	10/28/2021	533986	73	Woods, Aamber N	905_Sr90	DPS_7	GFPCRED	0.1881273	pCi/g	No
MB 160-531075/16-A	11/02/2021	534662	###	Korrinhizer, Micha L	905_Sr90	DPS_7	GFPCBLUE	0.09893259	pCi/g	No
MB 160-533654/4-A	11/04/2021	535180	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.1604633	pCi/g	No
MB 160-533891/4-A	11/05/2021	535213	###	Korrinhizer, Micha L	905_Sr90	DPS_7	GFPCRED	0.0245984	pCi/g	No
MB 160-534015/15-A	11/08/2021	535390	99	Porter, James L	905_Sr90	DPS_7	GFPCPURPI	0.2683319	pCi/g	No
MB 160-533187/14-A	11/22/2021	538184	49	Korrinhizer, Micha L	905_Sr90	DPS_7	GFPCPROTI	0.02447786	pCi/g	No
MB 160-537525/6-A	01/11/2022	545821	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	-0.02817008	pCi/g	No
MB 160-535411/7-A	01/11/2022	545821	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	0.1620498	pCi/g	No
MB 160-536876/18-A	01/11/2022	545823	72	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	0.03240057	pCi/g	No
MB 160-537299/20-A	01/12/2022	546017	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	0.4287968	pCi/g	No
MB 160-543293/6-A	01/13/2022	546214	97	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	0.02187429	pCi/g	No
MB 160-534483/23-A	01/20/2022	547242	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	-0.02922963	pCi/g	No
MB 160-546232/12-A	01/25/2022	548004	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	-0.07308611	pCi/g	No
MB 160-548018/22-A	02/08/2022	549761	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	0.2448862	pCi/g	No
MB 160-550031/4-A	02/25/2022	552522	68	Park, Cassandra L	905_Sr90	DPS_7	GFPCBLUE	-0.01744592	pCi/g	No
MB 160-550035/6-A	02/25/2022	552522	74	Park, Cassandra L	905_Sr90	DPS_7	GFPCBLUE	0.1875689	pCi/g	No
MB 160-552216/25-A	03/08/2022	554089	92	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	0.0476881	pCi/g	No
MB 160-552857/22-A	03/14/2022	555111	###	Park, Cassandra L	905_Sr90	DPS_7	GFPCBLUE	0.1616492	pCi/g	No
MB 160-553152/7-A	03/15/2022	555457	99	Park, Cassandra L	905_Sr90	DPS_7	GFPCPURPI	0.07086135	pCi/g	No
MB 160-554804/7-A	03/22/2022	556444	91	Cruz, Fernando L	905_Sr90	DPS_7	GFPCRED	0.4849115	pCi/g	No
MB 160-555715/13-A	03/28/2022	557411	88	Cruz, Fernando L	905_Sr90	DPS_7	GFPCPURPI	-0.02053857	pCi/g	No

METHOD BLANK CHART METHOD: 905

Sr-90

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-555645/26-A	03/30/2022	557860	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.3646053	pCi/g	No
MB 160-555933/4-A	03/30/2022	557860	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCBLUE	0.7745258	pCi/g	No
MB 160-556494/5-A	03/31/2022	558069	82	Park, Cassandra L	905_Sr90	DPS_7	GFPCBLUE	0.2853492	pCi/g	No
MB 160-561239/7-A	05/04/2022	563517	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	-0.1250927	pCi/g	No
MB 160-565768/4-A	05/24/2022	567048	###	Cruz, Fernando L	905_Sr90	DPS_7	GFPCORAN	0.2886123	pCi/g	No

METHOD BLANK CHART METHOD: 905

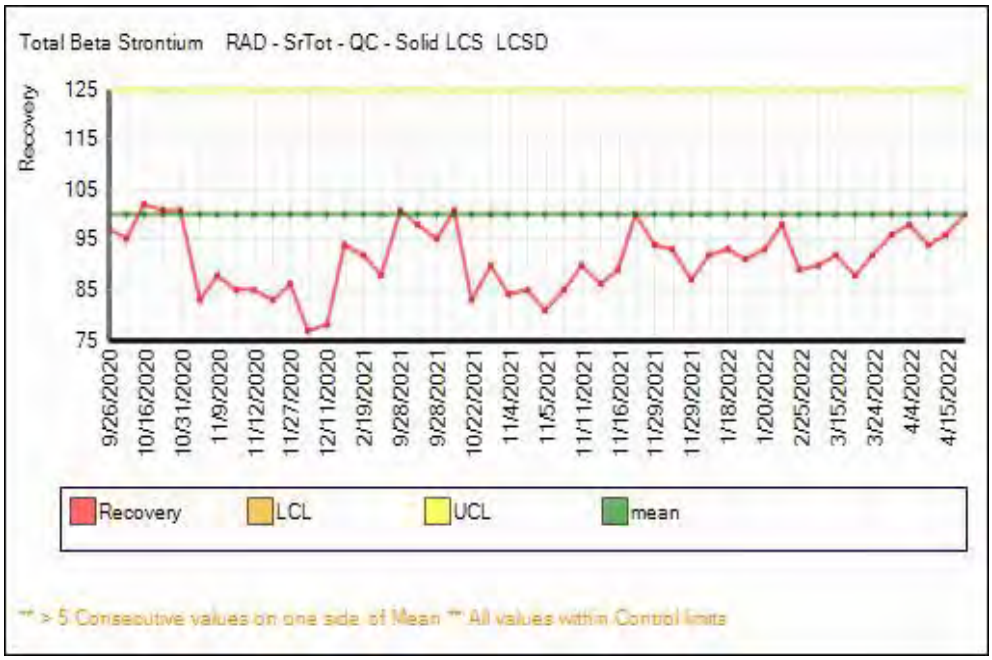
Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason

CONTROL CHART METHOD: 905.0

eurofins | Environment Testing

Limit Group **RAD - SrTot - QC - Solid**
Laboratory Eurofins St. Louis
Preparation DPS-0
TCLP

Total Beta Strontium Analysis Dates: 9/1/2020 to 5/31/2022



Current Limits

Recovery

LCL	UCL
75	125

Precision

Limit
25

Calculated Limits

Recovery

LCL	UCL	Edit	Mean	Std Dev	Min Rec	Max Rec	Units	N
72	110	N	91.19	6.38230	77	102	%	48

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-481771/1-A	09/26/2020	483912	38	Bernsen, Sarah C	GFPCPURPLE	7.53332	7.533	pCi/g	7.800922	96.569	97			
LCS 160-482378/1-A	10/02/2020	484477	95	Bernsen, Sarah C	GFPCBLUE	7.41191	7.412	pCi/g	7.797695	95.052	95			
LCS 160-484287/1-A	10/16/2020	485929	38	Cruz, Fernando L	GFPCPURPLE	7.965734	7.966	pCi/g	7.790705	102.24	102			
LCS 160-485311/1-A	10/29/2020	487300	55	Bernsen, Sarah C	GFPCPURPLE	7.896091	7.896	pCi/g	7.783793	101.44	101			
LCS 160-485679/1-A	10/31/2020	487744	73	Bernsen, Sarah C	GFPCBLUE	7.849787	7.850	pCi/g	7.782941	100.85	101			
LCS 160-486247/1-A	11/09/2020	488624	58	Bernsen, Sarah C	GFPCPURPLE	6.438237	6.438	pCi/g	7.778214	82.772	83			
LCS 160-486072/1-A	11/09/2020	488625	84	Bernsen, Sarah C	GFPCBLUE	6.812792	6.813	pCi/g	7.778212	87.588	88			
LCS 160-486707/1-A	11/11/2020	488917	62	Cruz, Fernando L	GFPCPURPLE	6.594571	6.595	pCi/g	7.777151	84.794	85			
LCS 160-486883/1-A	11/12/2020	488987	84	Mazariegos, Chelsea	GFPCORANG	6.631136	6.631	pCi/g	7.776768	85.268	85			
LCS 160-488460/1-A	11/26/2020	490302	58	Mazariegos, Chelsea	GFPCPURPLE	6.48683	6.487	pCi/g	7.769666	83.489	83			
LCS 160-488692/1-A	11/27/2020	490353	77	Cruz, Fernando L	GFPCRED	6.677648	6.678	pCi/g	7.769104	85.951	86			
LCS 160-490265/1-A	12/11/2020	491444	52	Cruz, Fernando L	GFPCRED	6.013069	6.013	pCi/g	7.762109	77.466	77			
LCS 160-490272/1-A	12/11/2020	491588	87	Cruz, Fernando L	GFPCORANG	6.091058	6.091	pCi/g	7.762092	78.471	78			
LCS 160-496230/1-A	02/12/2021	498804	28	Mazariegos, Chelsea	GFPCRED	7.755773	7.756	pCi/g	8.282855	93.636	94			
LCS 160-496860/1-A	02/19/2021	499307	55	Cruz, Fernando L	GFPCBLUE	7.652253	7.652	pCi/g	8.279127	92.428	92			
LCS 160-524677/1-A	09/15/2021	527214	88	Woods, Aamber N	GFPCBLUE	6.683959	6.684	pCi/g	7.621631	87.697	88			

CONTROL CHART METHOD: 905.0

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-525598/2-A	09/28/2021	529143	46	Woods, Aamber N	GFPCPROTEA	7.655459	7.655	pCi/g	7.615187	100.528	101			
LCS 160-525439/1-A	09/28/2021	529156	73	Woods, Aamber N	GFPCBLUE	7.455855	7.456	pCi/g	7.615181	97.9077	98			
LCS 160-525603/2-A	09/28/2021	529158	69	Woods, Aamber N	GFPCPURPLE	7.266702	7.267	pCi/g	7.615177	95.4239	95			
LCS 160-527039/1-A	10/05/2021	530097	72	Woods, Aamber N	GFPCBLUE	7.720915	7.721	pCi/g	7.611687	101.435	101			
LCS 160-529330/1-A	10/22/2021	533179	121	Korrinhizer, Micha I	GFPCORANG	6.3254	6.325	pCi/g	7.602900	83.1971	83			
LCS 160-530495/1-A	10/29/2021	534263	106	Bernsen, Sarah C	GFPCPURPLE	13.69615	13.70	pCi/g	15.19904	90.1119	90			
LCS 160-531906/1-A	11/04/2021	535182	41	Woods, Aamber N	GFPCPROTEA	6.370415	6.370	pCi/g	7.596676	83.8579	84			
LCS 160-532040/2-A	11/05/2021	535282	49	Korrinhizer, Micha I	GFPCPROTEA	6.433272	6.433	pCi/g	7.596195	84.6907	85			
LCS 160-531210/1-A	11/05/2021	535230	108	Cruz, Fernando L	GFPCORANG	6.124696	6.125	pCi/g	7.596003	80.6305	81			
LCS 160-532822/1-A	11/09/2021	535781	104	Cruz, Fernando L	GFPCORANG	6.456195	6.456	pCi/g	7.593974	85.0173	85			
LCS 160-533185/1-A	11/11/2021	536205	55	Cruz, Fernando L	GFPCPROTEA	6.813325	6.813	pCi/g	7.592970	89.7320	90			
LCS 160-533892/1-A	11/12/2021	536402	43	Cruz, Fernando L	GFPCPROTEA	13.01675	13.02	pCi/g	15.18541	85.7187	86			
LCS 160-533632/1-A	11/16/2021	536883	122	Cruz, Fernando L	GFPCORANG	6.745992	6.746	pCi/g	7.590429	88.8749	89			
LCS 160-534673/1-A	11/26/2021	538674	36	Hoerchler, Elizabeth	GFPCPROTEA	7.559546	7.560	pCi/g	7.585669	99.6556	100			
LCS 160-534262/1-A	11/29/2021	539052	39	Cruz, Fernando L	GFPCPROTEA	7.152886	7.153	pCi/g	7.584229	94.3126	94			
LCS 160-534867/1-A	11/29/2021	539174	65	Cruz, Fernando L	GFPCORANG	7.069948	7.070	pCi/g	7.584211	93.2192	93			
LCS 160-534014/1-A	11/29/2021	539174	69	Cruz, Fernando L	GFPCORANG	6.59552	6.596	pCi/g	7.584211	86.9638	87			
LCS 160-537527/1-A	01/18/2022	546917	13	Cruz, Fernando L	GFPCPROTEA	6.958286	6.958	pCi/g	7.559380	92.0483	92			
LCS 160-538232/1-A	01/18/2022	546939	155	Cruz, Fernando L	GFPCRED	7.034205	7.034	pCi/g	7.559171	93.0552	93			
LCS 160-539813/1-A	01/19/2022	547141	102	Cruz, Fernando L	GFPCORANG	6.866274	6.866	pCi/g	7.558665	90.8397	91			
LCS 160-543611/1-A	01/20/2022	547257	69	Cruz, Fernando L	GFPCBLUE	7.005608	7.006	pCi/g	7.558379	92.6866	93			
LCS 160-543977/1-A	01/26/2022	548199	70	Cruz, Fernando L	GFPCPURPLE	7.36767	7.368	pCi/g	7.555396	97.5153	98			
LCS 160-549854/1-A	02/25/2022	552523	63	Park, Cassandra L	GFPCORANG	6.715984	6.716	pCi/g	7.540449	89.0661	89			
LCS 160-551261/1-A	03/15/2022	555442	85	Cruz, Fernando L	GFPCBLUE	6.807295	6.807	pCi/g	7.531635	90.3826	90			
LCS 160-552198/1-A	03/15/2022	555457	64	Park, Cassandra L	GFPCPURPLE	6.945626	6.946	pCi/g	7.531634	92.2193	92			
LCS 160-553899/1-A	03/24/2022	556892	80	Park, Cassandra L	GFPCORANG	6.617153	6.617	pCi/g	7.527186	87.9100	88			
LCS 160-553903/1-A	03/24/2022	556892	88	Park, Cassandra L	GFPCORANG	6.924372	6.924	pCi/g	7.527186	91.9915	92			
LCS 160-555459/1-A	04/01/2022	558257	77	Park, Cassandra L	GFPCORANG	7.217689	7.218	pCi/g	7.523240	95.9385	96			
LCS 160-555696/1-A	04/04/2022	558472	20	Park, Cassandra L	GFPCRED	7.33378	7.334	pCi/g	7.521742	97.5010	98			
LCS 160-556693/1-A	04/11/2022	559791	48	Cruz, Fernando L	GFPCPURPLE	7.071857	7.072	pCi/g	7.518207	94.0630	94			
LCS 160-557762/1-A	04/15/2022	560497	85	Cruz, Fernando L	GFPCORANG	7.18262	7.183	pCi/g	7.516320	95.5603	96			
LCS 160-558096/1-A	04/18/2022	560836	69	Cruz, Fernando L	GFPCORANG	7.493974	7.494	pCi/g	7.514825	99.7225	100			

CONTROL CHART METHOD: 905.0

Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason. Limits marked Edit = Y were edited; Reason should be noted just below Edit column

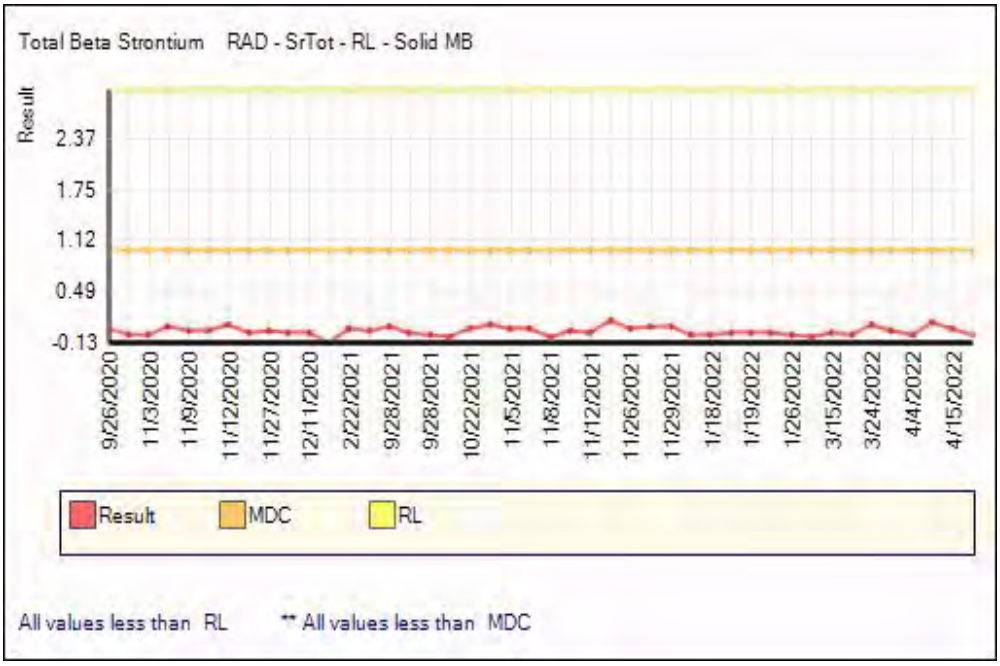
METHOD BLANK CHART METHOD: 905.0

Limit Group **RAD - SrTot - RL - Solid**

Laboratory Eurofins St. Louis

Total Beta Strontium

Analysis Dates: 9/1/2020 to 5/31/2022



Current Reporting Limits		
MDC	Upper	Units
1	3.0	pCi/g

Blank Statistics					
Mean	Std Dev	Min	Max	Units	N
0.0024757	0.0522073	-0.132518(	0.1259939	pCi/g	44

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-481771/7-A	09/26/2020	483912	44	Bernsen, Sarah C	905_TSR	DPS_0	GFPCPURPI	0.03050934	pCi/g	No
MB 160-482378/8-A	10/02/2020	484477	###	Bernsen, Sarah C	905_TSR	DPS_0	GFPCBLUE	-0.03744513	pCi/g	No
MB 160-485679/23-A	11/03/2020	488098	69	Cruz, Fernando L	905_TSR	DPS_0	GFPCORAN	-0.03100797	pCi/g	No
MB 160-486247/24-A	11/09/2020	488625	83	Bernsen, Sarah C	905_TSR	DPS_0	GFPCBLUE	0.05900927	pCi/g	No
MB 160-486072/24-A	11/09/2020	488581	90	Bernsen, Sarah C	905_TSR	DPS_0	GFPCRED	0.01944531	pCi/g	No
MB 160-486707/15-A	11/11/2020	488917	76	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	0.007956882	pCi/g	No
MB 160-486883/9-A	11/12/2020	488987	92	Mazariegos, Chelsea M	905_TSR	DPS_0	GFPCORAN	0.07369503	pCi/g	No
MB 160-488460/24-A	11/26/2020	490292	82	Mazariegos, Chelsea M	905_TSR	DPS_0	GFPCBLUE	-0.01988566	pCi/g	No
MB 160-488692/24-A	11/27/2020	490301	72	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	0.00752065	pCi/g	No
MB 160-490265/23-A	12/11/2020	491588	86	Cruz, Fernando L	905_TSR	DPS_0	GFPCORAN	-0.0201604	pCi/g	No
MB 160-490272/10-B	12/11/2020	491589	58	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	-0.02855308	pCi/g	No
MB 160-496230/6-A	02/12/2021	498804	51	Mazariegos, Chelsea M	905_TSR	DPS_0	GFPCRED	-0.1325186	pCi/g	No
MB 160-496860/7-A	02/22/2021	499460	58	Cruz, Fernando L	905_TSR	DPS_0	GFPCBLUE	0.03605405	pCi/g	No
MB 160-521457/7-A	08/17/2021	523038	35	Woods, Aamber N	905_TSR	DPS_0	GFPCPROTI	0.003553323	pCi/g	No
MB 160-525598/1-A	09/28/2021	529143	45	Woods, Aamber N	905_TSR	DPS_0	GFPCPROTI	0.05932032	pCi/g	No
MB 160-525603/1-A	09/28/2021	529158	68	Woods, Aamber N	905_TSR	DPS_0	GFPCPURPI	-0.02176533	pCi/g	No
MB 160-525439/20-A	09/28/2021	529158	82	Woods, Aamber N	905_TSR	DPS_0	GFPCPURPI	-0.04711549	pCi/g	No
MB 160-527039/23-A	10/05/2021	530110	69	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	-0.06003316	pCi/g	No

METHOD BLANK CHART METHOD: 905.0

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-529330/10-A	10/22/2021	533164	###	Korrinhizer, Micha L	905_TSR	DPS_0	GFPCBLUE	0.03454963	pCi/g	No
MB 160-530495/13-A	10/29/2021	534266	99	Bernsen, Sarah C	905_TSR	DPS_0	GFPCORAN	0.08768509	pCi/g	No
MB 160-532040/1-A	11/05/2021	535282	48	Korrinhizer, Micha L	905_TSR	DPS_0	GFPCPROTI	0.04063607	pCi/g	No
MB 160-531210/10-A	11/05/2021	535228	###	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	0.02728001	pCi/g	No
MB 160-531906/20-A	11/08/2021	535427	49	Hoerchler, Elizabeth M	905_TSR	DPS_0	GFPCPROTI	-0.07101678	pCi/g	No
MB 160-533185/4-A	11/12/2021	536402	42	Cruz, Fernando L	905_TSR	DPS_0	GFPCPROTI	0.01063937	pCi/g	No
MB 160-533892/4-A	11/12/2021	536402	46	Cruz, Fernando L	905_TSR	DPS_0	GFPCPROTI	-0.01406749	pCi/g	No
MB 160-533632/23-A	11/16/2021	536880	###	Cruz, Fernando L	905_TSR	DPS_0	GFPCRED	0.1259939	pCi/g	No
MB 160-534673/23-A	11/26/2021	538676	71	Hoerchler, Elizabeth M	905_TSR	DPS_0	GFPCBLUE	0.03788247	pCi/g	No
MB 160-534867/4-A	11/29/2021	539174	68	Cruz, Fernando L	905_TSR	DPS_0	GFPCORAN	0.05123246	pCi/g	No
MB 160-534014/8-A	11/29/2021	539049	81	Cruz, Fernando L	905_TSR	DPS_0	GFPCRED	0.0518856	pCi/g	No
MB 160-534262/16-A	11/29/2021	539375	17	Woods, Aamber N	905_TSR	DPS_0	GFPCPROTI	-0.05083168	pCi/g	No
MB 160-537527/5-A	01/18/2022	546939	24	Cruz, Fernando L	905_TSR	DPS_0	GFPCRED	-0.03405268	pCi/g	No
MB 160-538232/9-A	01/18/2022	546939	###	Cruz, Fernando L	905_TSR	DPS_0	GFPCRED	-0.02050097	pCi/g	No
MB 160-539813/7-A	01/19/2022	547141	###	Cruz, Fernando L	905_TSR	DPS_0	GFPCORAN	-0.02883572	pCi/g	No
MB 160-543611/23-A	01/20/2022	547242	74	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	-0.03040204	pCi/g	No
MB 160-543977/4-A	01/26/2022	548199	73	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	-0.03304902	pCi/g	No
MB 160-552198/21-A	03/15/2022	555442	84	Cruz, Fernando L	905_TSR	DPS_0	GFPCBLUE	-0.05806087	pCi/g	No
MB 160-551261/9-A	03/15/2022	555442	93	Cruz, Fernando L	905_TSR	DPS_0	GFPCBLUE	-0.00522797	pCi/g	No
MB 160-553899/10-A	03/24/2022	556892	87	Park, Cassandra L	905_TSR	DPS_0	GFPCORAN	-0.0372497	pCi/g	No
MB 160-553903/16-A	03/24/2022	556885	87	Park, Cassandra L	905_TSR	DPS_0	GFPCBLUE	0.09062243	pCi/g	No
MB 160-555459/11-A	04/01/2022	558257	86	Park, Cassandra L	905_TSR	DPS_0	GFPCORAN	-0.00367483	pCi/g	No
MB 160-555696/10-A	04/04/2022	558472	50	Park, Cassandra L	905_TSR	DPS_0	GFPCRED	-0.04372165	pCi/g	No
MB 160-556693/6-A	04/11/2022	559791	53	Cruz, Fernando L	905_TSR	DPS_0	GFPCPURPI	0.101201	pCi/g	No
MB 160-557762/5-A	04/15/2022	560497	82	Cruz, Fernando L	905_TSR	DPS_0	GFPCORAN	0.02846919	pCi/g	No
MB 160-558096/12-A	04/18/2022	560834	58	Cruz, Fernando L	905_TSR	DPS_0	GFPCBLUE	-0.04703129	pCi/g	No

METHOD BLANK CHART METHOD: 905.0

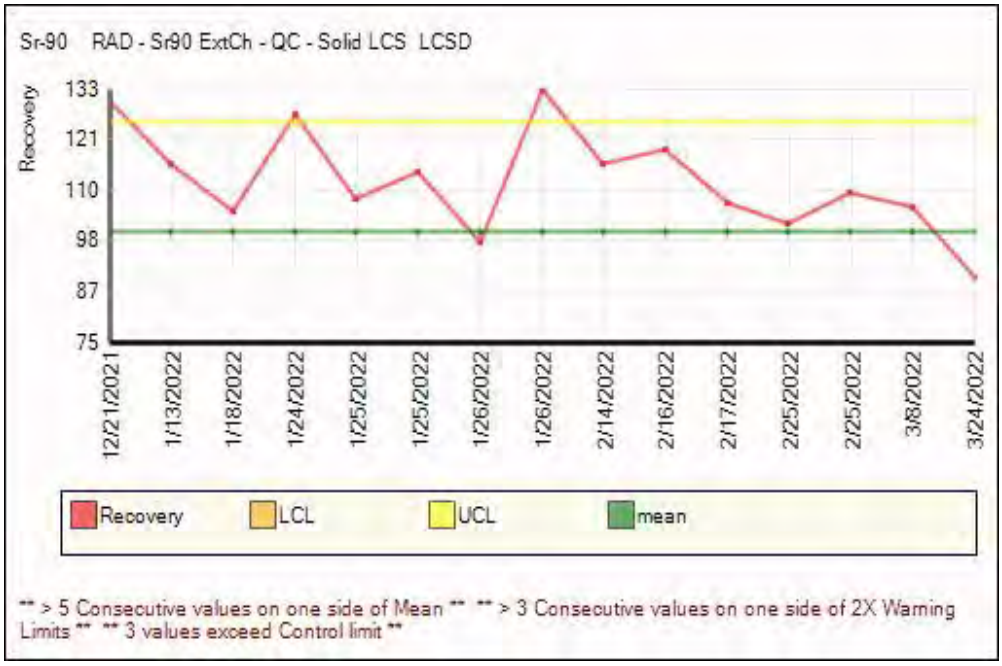
Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason

CONTROL CHART METHOD: ST-RC-0058

eurofins | Environment Testing

Limit Group **RAD - Sr90 ExtCh - QC - Solid**
Laboratory Eurofins St. Louis
Preparation ExtChrom
TCLP

Sr-90 Analysis Dates: 12/21/2021 to 3/24/2022



Current Limits

Recovery

LCL	UCL
75	125

Precision

Limit
25

Calculated Limits

Recovery

LCL	UCL	Edit	Mean	Std Dev	Min Rec	Max Rec	Units	N
76	148	N	112.09	11.9441	90	133	%	15

Sr-90

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-538642/1-A	12/21/2021	543110	122	Cruz, Fernando L	GFPCRED	3.93839	3.938	pCi/g	3.029263	130.011	130			
LCS 160-543126/1-A	01/13/2022	546233	85	Cruz, Fernando L	GFPCBLUE	3.517905	3.518	pCi/g	3.024662	116.307	116			
LCS 160-541313/1-A	01/18/2022	546947	144	Hoerchler, Elizabeth	GFPCBLUE	3.178446	3.178	pCi/g	3.023633	105.120	105			
LCS 160-540616/1-A	01/24/2022	547961	8	Woods, Aamber N	GFPCPROTEA	3.84143	3.841	pCi/g	3.022483	127.095	127			
LCS 160-544709/1-A	01/25/2022	548004	148	Cruz, Fernando L	GFPCBLUE	3.251246	3.251	pCi/g	3.022251	107.576	108			
LCS 160-544525/1-A	01/25/2022	548004	165	Cruz, Fernando L	GFPCBLUE	3.456098	3.456	pCi/g	3.022249	114.355	114			
LCS 160-543515/1-A	01/26/2022	548223	93	Woods, Aamber N	GFPCORANG	2.969259	2.969	pCi/g	3.022087	98.2519	98			
LCS 160-544707/1-A	01/26/2022	548223	114	Woods, Aamber N	GFPCORANG	4.020142	4.020	pCi/g	3.022047	133.027	133			
LCS 160-547807/1-A	02/14/2022	550431	75	Cruz, Fernando L	GFPCBLUE	3.509139	3.509	pCi/g	3.018275	116.263	116			
LCS 160-548426/1-A	02/16/2022	551038	78	Cruz, Fernando L	GFPCORANG	3.599459	3.599	pCi/g	3.017903	119.270	119			
LCS 160-547806/1-A	02/17/2022	551061	129	Cruz, Fernando L	GFPCBLUE	3.237203	3.237	pCi/g	3.017722	107.273	107			
LCS 160-547801/1-A	02/25/2022	552523	59	Park, Cassandra L	GFPCORANG	3.08954	3.090	pCi/g	3.016180	102.432	102			
LCS 160-549573/1-A	02/25/2022	552523	70	Park, Cassandra L	GFPCORANG	3.289447	3.289	pCi/g	3.016137	109.061	109			
LCS 160-551253/1-A	03/08/2022	554089	120	Cruz, Fernando L	GFPCRED	3.180106	3.180	pCi/g	3.013938	105.513	106			
LCS 160-553153/1-A	03/24/2022	556885	153	Park, Cassandra L	GFPCBLUE	2.707369	2.707	pCi/g	3.010742	89.9236	90			

CONTROL CHART METHOD: ST-RC-0058

CONTROL CHART METHOD: ST-RC-0058

Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason. Limits marked Edit = Y were edited; Reason should be noted just below Edit column

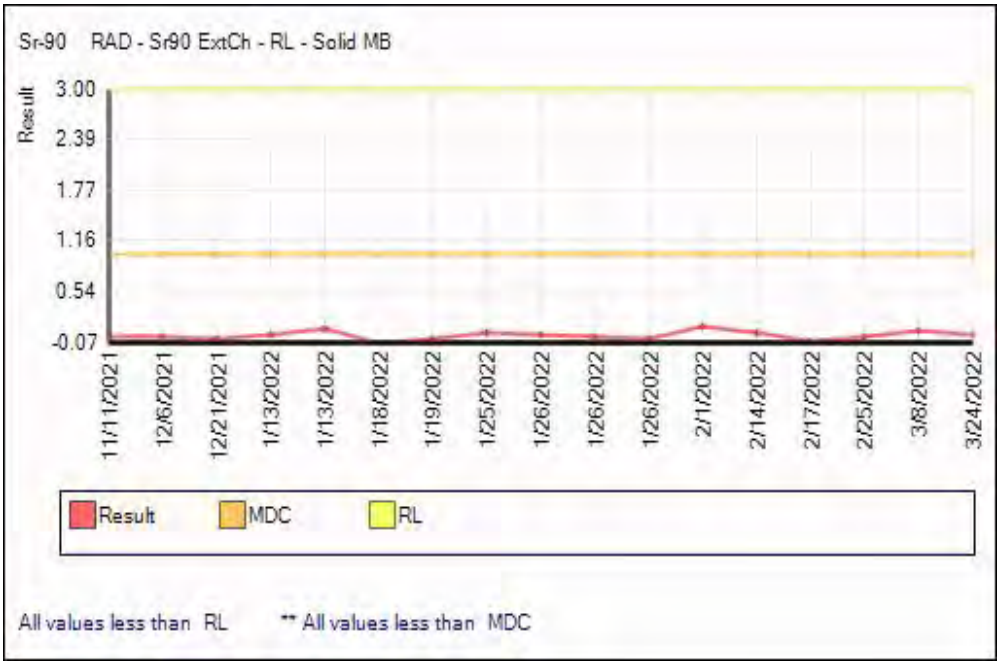
METHOD BLANK CHART METHOD: ST-RC-0058

Limit Group **RAD - Sr90 ExtCh - RL - Solid**

Laboratory Eurofins St. Louis

Sr-90

Analysis Dates: 9/1/2020 to 5/31/2022



Current Reporting Limits		
MDC	Upper	Units
1	3	pCi/g

Blank Statistics					
Mean	Std Dev	Min	Max	Units	N
0.0106426	0.0507452	-0.071455(	0.1134185	pCi/g	17

Sr-90

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-530885/4-A	11/11/2021	536046	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	-0.00530520(	pCi/g	No
MB 160-536822/18-A	12/06/2021	540406	98	Woods, Aamber N	GFPC_Sr90	ExtChrom_Sr	GFPCPURPI	-0.01653888	pCi/g	No
MB 160-538642/23-A	12/21/2021	543110	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCRED	-0.02415793	pCi/g	No
MB 160-543126/14-A	01/13/2022	546233	97	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	0.02277222	pCi/g	No
MB 160-541317/20-A	01/13/2022	546233	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	0.09327674	pCi/g	No
MB 160-541313/27-A	01/18/2022	546934	###	Woods, Aamber N	GFPC_Sr90	ExtChrom_Sr	GFPCPURPI	-0.07145566	pCi/g	No
MB 160-543996/21-A	01/19/2022	547142	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	-0.02665748	pCi/g	No
MB 160-544525/23-A	01/25/2022	548167	70	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCRED	0.03485405	pCi/g	No
MB 160-544709/21-A	01/26/2022	548200	93	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCRED	0.007325063	pCi/g	No
MB 160-543515/14-A	01/26/2022	548223	###	Woods, Aamber N	GFPC_Sr90	ExtChrom_Sr	GFPCORAN	0.002509677	pCi/g	No
MB 160-544707/22-A	01/26/2022	548200	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCRED	-0.03571128	pCi/g	No
MB 160-543500/23-A	02/01/2022	549181	27	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCPROTI	0.1134185	pCi/g	No
MB 160-547807/23-A	02/14/2022	550439	64	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCPURPI	0.04974306	pCi/g	No
MB 160-547806/10-A	02/17/2022	551061	###	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	-0.05716008	pCi/g	No
MB 160-547801/11-A	02/25/2022	552523	62	Park, Cassandra L	GFPC_Sr90	ExtChrom_Sr	GFPCORAN	0.003160554	pCi/g	No
MB 160-551253/17-A	03/08/2022	554089	98	Cruz, Fernando L	GFPC_Sr90	ExtChrom_Sr	GFPCRED	0.07635684	pCi/g	No
MB 160-553153/7-A	03/24/2022	556885	###	Park, Cassandra L	GFPC_Sr90	ExtChrom_Sr	GFPCBLUE	0.01449438	pCi/g	No

METHOD BLANK CHART METHOD: ST-RC-0058

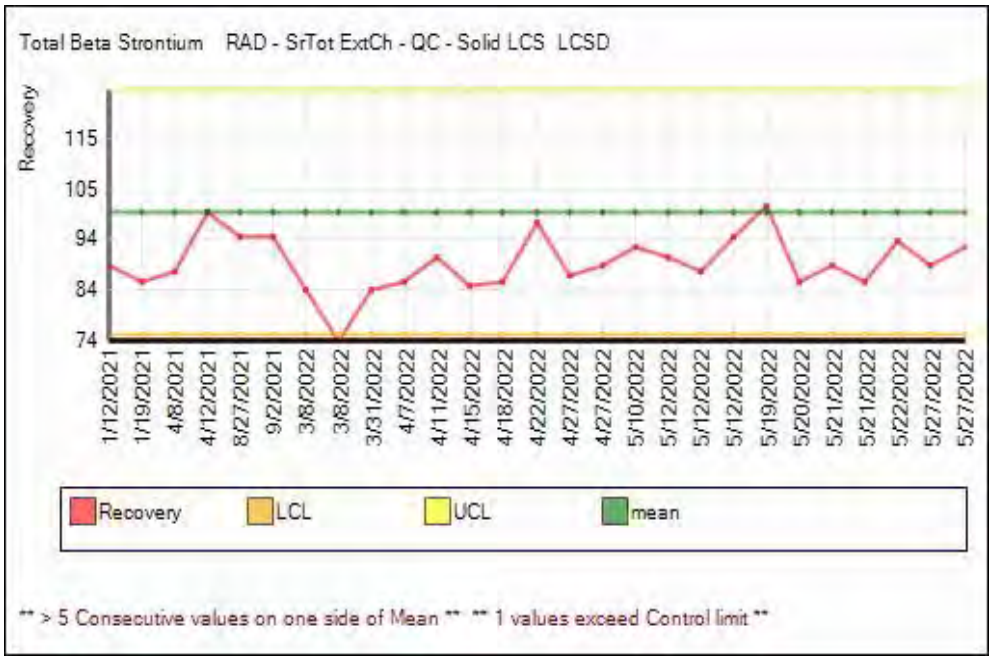
Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason

CONTROL CHART METHOD: ST-RC-0058

eurofins | Environment Testing

Limit Group **RAD - SrTot ExtCh - QC - Solid**
Laboratory Eurofins St. Louis
Preparation ExtChrom
TCLP

Total Beta Strontium Analysis Dates: 1/12/2021 to 5/27/2022



Current Limits

Recovery

LCL	UCL
75	125

Precision

Limit
25

Calculated Limits

Recovery

LCL	UCL	Edit	Mean	Std Dev	Min Rec	Max Rec	Units	N
73	107	N	89.72	5.71670	74	101	%	27

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-491409/1-A	01/12/2021	494757	84	Bernsen, Sarah C	GFPCORANG	2.744132	2.744	pCi/g	3.098252	88.570	89			
LCS 160-492115/1-A	01/19/2021	495694	73	Cruz, Fernando L	GFPCORANG	6.674594	6.675	pCi/g	7.742229	86.210	86			
LCS 160-502526/1-A	04/08/2021	505078	100	Woods, Aamber N	GFPCRED	2.909904	2.910	pCi/g	3.301110	88.149	88			
LCS 160-502974/1-A	04/12/2021	505393	26	Woods, Aamber N	GFPCRED	3.296163	3.296	pCi/g	3.300271	99.875	100			
LCS 160-521456/1-A	08/27/2021	524474	65	Boyd, Jacob C	GFPCORANG	2.90138	2.901	pCi/g	3.052442	95.051	95			
LCS 160-523902/1-A	09/02/2021	525399	34	Cruz, Fernando L	GFPCPROTE	2.910199	2.910	pCi/g	3.052603	95.334	95			
LCS 160-554718/1-A	03/08/2022	554089	133	Cruz, Fernando L	GFPCRED	2.524129	2.524	pCi/g	3.013975	83.747	84			
LCS 160-554727/1-A	03/08/2022	554285	154	Cruz, Fernando L	GFPCORANG	2.242911	2.243	pCi/g	3.013951	74.417	74			
LCS 160-557124/1-A	03/31/2022	558068	98	Cruz, Fernando L	GFPCORANG	2.528836	2.529	pCi/g	3.009398	84.031	84			
LCS 160-556696/1-A	04/07/2022	559133	50	Cruz, Fernando L	GFPCORANG	2.587018	2.587	pCi/g	3.008101	86.001	86			
LCS 160-556698/1-A	04/11/2022	559797	91	Park, Cassandra L	GFPCBLUE	2.729599	2.730	pCi/g	3.007237	90.767	91			
LCS 160-557765/1-A	04/15/2022	560497	86	Cruz, Fernando L	GFPCORANG	2.544674	2.545	pCi/g	3.006528	84.638	85			
LCS 160-558098/1-A	04/18/2022	560834	59	Cruz, Fernando L	GFPCBLUE	2.571	2.571	pCi/g	3.005929	85.530	86			
LCS 160-560278/1-A	04/22/2022	561566	104	Cruz, Fernando L	GFPCRED	2.941685	2.942	pCi/g	3.005099	97.889	98			
LCS 160-559266/1-A	04/27/2022	562246	94	Cruz, Fernando L	GFPCRED	2.620412	2.620	pCi/g	3.004150	87.226	87			
LCS 160-558500/1-A	04/27/2022	562246	152	Cruz, Fernando L	GFPCRED	2.681355	2.681	pCi/g	3.004056	89.257	89			

CONTROL CHART METHOD: ST-RC-0058

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-561445/1-A	05/10/2022	564887	20	Cruz, Fernando L	GFPCPROTEA	2.792999	2.793	pCi/g	3.001549	93.0518	93			
LCS 160-562208/1-A	05/12/2022	565229	78	Park, Cassandra L	GFPCBLUE	2.743126	2.743	pCi/g	3.001194	91.4011	91			
LCS 160-561959/1-A	05/12/2022	565375	61	Bernsen, Sarah C	GFPCORANG	2.641446	2.641	pCi/g	3.001192	88.0132	88			
LCS 160-562401/1-A	05/12/2022	565231	116	Park, Cassandra L	GFPCPURPLE	2.862126	2.862	pCi/g	3.001118	95.3686	95			
LCS 160-562218/1-A	05/19/2022	566441	74	Cruz, Fernando L	GFPCBLUE	3.031984	3.032	pCi/g	2.999820	101.072	101			
LCS 160-562400/1-A	05/20/2022	566756	148	Park, Cassandra L	GFPCBLUE	2.573061	2.573	pCi/g	2.999506	85.7827	86			
LCS 160-563237/1-A	05/21/2022	566763	79	Park, Cassandra L	GFPCBLUE	2.663725	2.664	pCi/g	2.999431	88.8076	89			
LCS 160-563421/1-A	05/21/2022	566762	76	Cruz, Fernando L	GFPCORANG	2.583955	2.584	pCi/g	2.999429	86.1482	86			
LCS 160-564990/1-A	05/22/2022	566860	63	Park, Cassandra L	GFPCBLUE	2.819758	2.820	pCi/g	2.999190	94.0172	94			
LCS 160-565010/1-A	05/27/2022	567632	114	Cruz, Fernando L	GFPCORANG	2.670309	2.670	pCi/g	2.998154	89.0650	89			
LCS 160-564999/1-A	05/27/2022	567634	138	Bernsen, Sarah C	GFPCBLUE	2.790429	2.790	pCi/g	2.998154	93.0715	93			

CONTROL CHART METHOD: ST-RC-0058

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METHOD BLANK CHART METHOD: ST-RC-0058

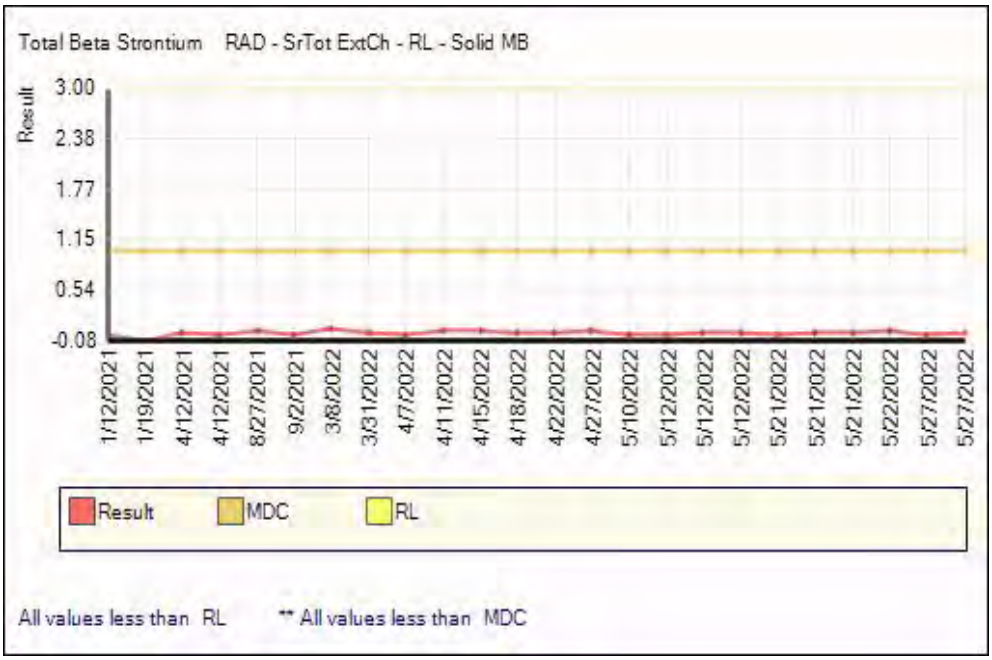
eurofins | Environment Testing

Limit Group **RAD - SrTot ExtCh - RL - Solid**

Laboratory Eurofins St. Louis

Total Beta Strontium

Analysis Dates: 9/1/2020 to 5/31/2022



Current Reporting Limits		
MDC	Upper	Units
1	3.0	pCi/g

Blank Statistics					
Mean	Std Dev	Min	Max	Units	N
0.0044174	0.0279373	-0.080288	0.0490691	pCi/g	24

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-491409/8-A	01/12/2021	494757	90	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.01686954	pCi/g	No
MB 160-492115/4-A	01/19/2021	495694	76	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.08028883	pCi/g	No
MB 160-502526/7-A	04/12/2021	505393	25	Woods, Aamber N	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.007554817	pCi/g	No
MB 160-502974/11-A	04/12/2021	505393	35	Woods, Aamber N	GFPC_TSR	ExtChrom_Sr	GFPCRED	-0.00959572	pCi/g	No
MB 160-521456/5-A	08/27/2021	524474	69	Boyd, Jacob C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.0388871	pCi/g	No
MB 160-523902/7-A	09/02/2021	525399	40	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPROTI	-0.01414154	pCi/g	No
MB 160-554718/23-A	03/08/2022	554092	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.04906913	pCi/g	No
MB 160-557124/11-A	03/31/2022	558068	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00198650	pCi/g	No
MB 160-556696/23-A	04/07/2022	559132	59	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.0222807	pCi/g	No
MB 160-556698/14-A	04/11/2022	559791	80	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.03937652	pCi/g	No
MB 160-557765/19-A	04/15/2022	560481	77	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.03973959	pCi/g	No
MB 160-558098/14-A	04/18/2022	560820	52	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.005842968	pCi/g	No
MB 160-560278/16-A	04/22/2022	561566	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.01704762	pCi/g	No
MB 160-558500/14-A	04/27/2022	562246	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.02695728	pCi/g	No
MB 160-561445/20-A	05/10/2022	564844	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	-0.01359039	pCi/g	No
MB 160-562208/23-A	05/12/2022	565231	85	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	-0.0119213	pCi/g	No
MB 160-561959/23-A	05/12/2022	565374	20	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCPROTI	0.01191047	pCi/g	No
MB 160-562401/11-A	05/12/2022	565375	93	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.01479859	pCi/g	No

METHOD BLANK CHART METHOD: ST-RC-0058

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-562400/23-A	05/21/2022	566763	76	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.00599964	pCi/g	No
MB 160-563237/15-A	05/21/2022	566763	78	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.00269729	pCi/g	No
MB 160-563421/14-A	05/21/2022	566762	89	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.009929418	pCi/g	No
MB 160-564990/23-A	05/22/2022	566861	70	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.03255976	pCi/g	No
MB 160-565010/23-A	05/27/2022	567634	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.02431709	pCi/g	No
MB 160-564999/20-A	05/27/2022	567634	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.01603469	pCi/g	No

METHOD BLANK CHART METHOD: ST-RC-0058

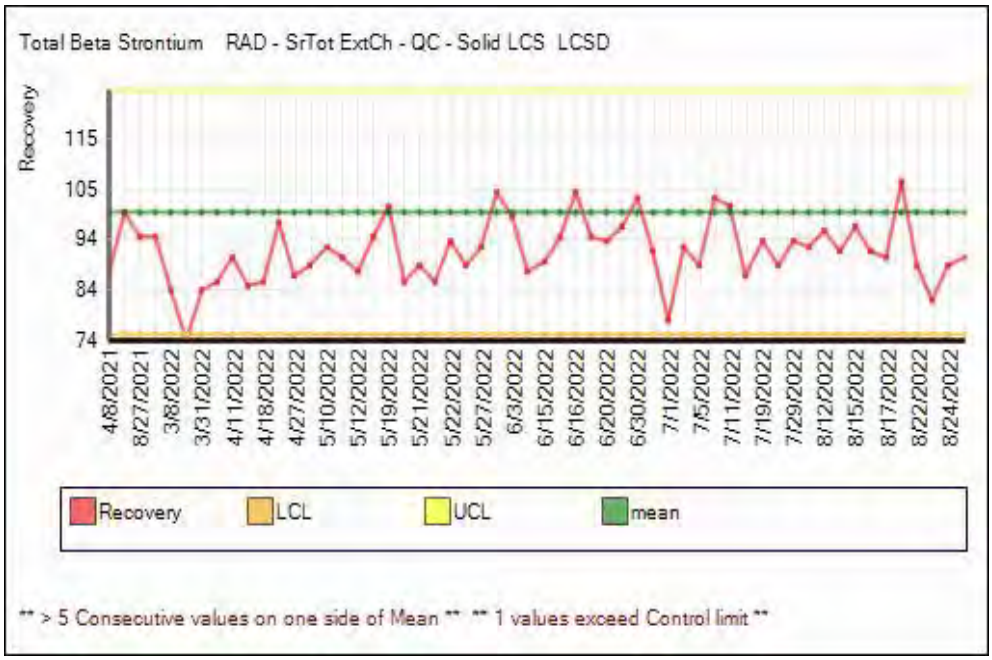
Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason

CONTROL CHART METHOD: ST-RC-0058

eurofins | Environment Testing

Limit Group **RAD - SrTot ExtCh - QC - Solid**
Laboratory Eurofins St. Louis
Preparation ExtChrom
TCLP

Total Beta Strontium Analysis Dates: 1/1/2021 to 8/31/2022



Current Limits

Recovery

LCL	UCL
75	125

Precision

Limit
25

Calculated Limits

Recovery

LCL	UCL	Edit	Mean	Std Dev	Min Rec	Max Rec	Units	N
73	111	N	92.05	6.41688	74	106	%	56

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-502526/1-A	04/08/2021	505078	100	Woods, Aamber N	GFPCRED	2.909904	2.910	pCi/g	3.301110	88.149	88			
LCS 160-502974/1-A	04/12/2021	505393	26	Woods, Aamber N	GFPCRED	3.296163	3.296	pCi/g	3.300271	99.875	100			
LCS 160-521456/1-A	08/27/2021	524474	65	Boyd, Jacob C	GFPCORANG	2.90138	2.901	pCi/g	3.052442	95.051	95			
LCS 160-523902/1-A	09/02/2021	525399	34	Cruz, Fernando L	GFPCPROTE	2.910199	2.910	pCi/g	3.052603	95.334	95			
LCS 160-554718/1-A	03/08/2022	554089	133	Cruz, Fernando L	GFPCRED	2.524129	2.524	pCi/g	3.013975	83.747	84			
LCS 160-554727/1-A	03/08/2022	554285	154	Cruz, Fernando L	GFPCORANG	2.242911	2.243	pCi/g	3.013951	74.417	74			
LCS 160-557124/1-A	03/31/2022	558068	98	Cruz, Fernando L	GFPCORANG	2.528836	2.529	pCi/g	3.009398	84.031	84			
LCS 160-556696/1-A	04/07/2022	559133	50	Cruz, Fernando L	GFPCORANG	2.587018	2.587	pCi/g	3.008101	86.001	86			
LCS 160-556698/1-A	04/11/2022	559797	91	Park, Cassandra L	GFPCBLUE	2.729599	2.730	pCi/g	3.007237	90.767	91			
LCS 160-557765/1-A	04/15/2022	560497	86	Cruz, Fernando L	GFPCORANG	2.544674	2.545	pCi/g	3.006528	84.638	85			
LCS 160-558098/1-A	04/18/2022	560834	59	Cruz, Fernando L	GFPCBLUE	2.571	2.571	pCi/g	3.005929	85.530	86			
LCS 160-560278/1-A	04/22/2022	561566	104	Cruz, Fernando L	GFPCRED	2.941685	2.942	pCi/g	3.005099	97.889	98			
LCS 160-559266/1-A	04/27/2022	562246	94	Cruz, Fernando L	GFPCRED	2.620412	2.620	pCi/g	3.004150	87.226	87			
LCS 160-558500/1-A	04/27/2022	562246	152	Cruz, Fernando L	GFPCRED	2.681355	2.681	pCi/g	3.004056	89.257	89			
LCS 160-561445/1-A	05/10/2022	564887	20	Cruz, Fernando L	GFPCPROTE	2.792999	2.793	pCi/g	3.001549	93.051	93			
LCS 160-562208/1-A	05/12/2022	565229	78	Park, Cassandra L	GFPCBLUE	2.743126	2.743	pCi/g	3.001194	91.401	91			

CONTROL CHART METHOD: ST-RC-0058

Total Beta Strontium

Lab ID	Anal Date	Batch	Smp	Analyst	Equip	Result	Format Result	Units	Spike Amount	% Rec	Format % Rec	% D	Frmt % D	Exclude
LCS 160-561959/1-A	05/12/2022	565375	61	Bernsen, Sarah C	GFPCORANG	2.641446	2.641	pCi/g	3.001192	88.0132	88			
LCS 160-562401/1-A	05/12/2022	565231	116	Park, Cassandra L	GFPCPURPLE	2.862126	2.862	pCi/g	3.001118	95.3686	95			
LCS 160-562218/1-A	05/19/2022	566441	74	Cruz, Fernando L	GFPCBLUE	3.031984	3.032	pCi/g	2.999820	101.072	101			
LCS 160-562400/1-A	05/20/2022	566756	148	Park, Cassandra L	GFPCBLUE	2.573061	2.573	pCi/g	2.999506	85.7827	86			
LCS 160-563237/1-A	05/21/2022	566763	79	Park, Cassandra L	GFPCBLUE	2.663725	2.664	pCi/g	2.999431	88.8076	89			
LCS 160-563421/1-A	05/21/2022	566762	76	Cruz, Fernando L	GFPCORANG	2.583955	2.584	pCi/g	2.999429	86.1482	86			
LCS 160-564990/1-A	05/22/2022	566860	63	Park, Cassandra L	GFPCBLUE	2.819758	2.820	pCi/g	2.999190	94.0172	94			
LCS 160-565010/1-A	05/27/2022	567632	114	Cruz, Fernando L	GFPCORANG	2.670309	2.670	pCi/g	2.998154	89.0650	89			
LCS 160-564999/1-A	05/27/2022	567634	138	Bernsen, Sarah C	GFPCBLUE	2.790429	2.790	pCi/g	2.998154	93.0715	93			
LCS 160-565791/1-A	06/03/2022	568342	18	Cruz, Fernando L	GFPCPROTEA	3.104483	3.104	pCi/g	2.996785	103.593	104			
LCS 160-565758/1-A	06/03/2022	568317	86	Boyd, Jacob C	GFPCPURPLE	2.956663	2.957	pCi/g	2.996784	98.6611	99			
LCS 160-565800/1-A	06/08/2022	569035	73	Park, Cassandra L	GFPCPURPLE	2.627631	2.628	pCi/g	2.995884	87.7080	88			
LCS 160-567112/1-A	06/15/2022	570137	73	Cruz, Fernando L	GFPCPURPLE	2.704987	2.705	pCi/g	2.994510	90.3315	90			
LCS 160-567276/1-A	06/15/2022	570161	73	Park, Cassandra L	GFPCORANG	2.858384	2.858	pCi/g	2.994501	95.4544	95			
LCS 160-567451/1-A	06/16/2022	570293	73	Cruz, Fernando L	GFPCPURPLE	3.110113	3.110	pCi/g	2.994306	103.867	104			
LCS 160-567281/1-A	06/16/2022	570293	99	Cruz, Fernando L	GFPCPURPLE	2.855124	2.855	pCi/g	2.994264	95.3531	95			
LCS 160-567639/1-A	06/20/2022	570883	56	Park, Cassandra L	GFPCBLUE	2.828797	2.829	pCi/g	2.993515	94.4974	94			
LCS 160-568086/2-A	06/23/2022	571241	87	Cruz, Fernando L	GFPCPURPLE	2.899673	2.900	pCi/g	2.992881	96.8856	97			
LCS 160-569974/2-A	06/30/2022	572278	74	Park, Cassandra L	GFPCPURPLE	3.090712	3.091	pCi/g	2.991564	103.314	103			
LCS 160-569275/1-A	06/30/2022	572303	81	Cruz, Fernando L	GFPCORANG	2.74123	2.741	pCi/g	2.991562	91.6320	92			
LCS 160-569251/1-A	07/01/2022	572485	72	Park, Cassandra L	GFPCORANG	2.348209	2.348	pCi/g	2.991367	78.4995	78			
LCS 160-569776/2-A	07/01/2022	572486	74	Park, Cassandra L	GFPCBLUE	2.789125	2.789	pCi/g	2.991365	93.2392	93			
LCS 160-569777/2-A	07/05/2022	572699	83	Park, Cassandra L	GFPCORANG	2.67573	2.676	pCi/g	2.990525	89.4735	89			
LCS 160-570461/2-A	07/06/2022	572904	87	Park, Cassandra L	GFPCBLUE	3.094106	3.094	pCi/g	2.990378	103.468	103			
LCS 160-571262/2-A	07/11/2022	573479	59	Cruz, Fernando L	GFPCORANG	3.022085	3.022	pCi/g	2.989393	101.093	101			
LCS 160-571462/2-A	07/12/2022	573573	74	Cruz, Fernando L	GFPCORANG	2.607471	2.607	pCi/g	2.989202	87.2296	87			
LCS 160-572215/2-A	07/19/2022	574456	66	Cruz, Fernando L	GFPCORANG	2.798433	2.798	pCi/g	2.987831	93.6610	94			
LCS 160-572879/2-A	07/25/2022	575226	25	Park, Cassandra L	GFPCRED	2.655044	2.655	pCi/g	2.986644	88.8972	89			
LCS 160-573153/2-A	07/29/2022	575553	180	Park, Cassandra L	GFPCRED	3.507581	3.508	pCi/g	3.732256	93.9801	94			
LCS 160-572901/2-A	08/01/2022	576062	79	Park, Cassandra L	GFPCORANG	2.761631	2.762	pCi/g	2.985221	92.5100	93			
LCS 160-574626/2-A	08/12/2022	577735	70	Bernsen, Sarah C	GFPCBLUE	2.86945	2.869	pCi/g	2.983110	96.1898	96			
LCS 160-574791/2-A	08/12/2022	577738	87	Cruz, Fernando L	GFPCORANG	2.745095	2.745	pCi/g	2.983044	92.0232	92			
LCS 160-574768/2-A	08/15/2022	578086	59	Park, Cassandra L	GFPCORANG	2.889088	2.889	pCi/g	2.982527	96.8671	97			
LCS 160-575242/2-A	08/17/2022	578392	25	Cruz, Fernando L	GFPCRED	2.729097	2.729	pCi/g	2.982148	91.5144	92			
LCS 160-575565/2-A	08/17/2022	578394	74	Bernsen, Sarah C	GFPCORANG	2.705397	2.705	pCi/g	2.982147	90.7197	91			
LCS 160-575541/2-A	08/19/2022	578688	37	Cruz, Fernando L	GFPCRED	3.152692	3.153	pCi/g	2.981708	105.734	106			
LCS 160-576433/2-A	08/22/2022	579002	38	Cruz, Fernando L	GFPCPROTEA	2.660157	2.660	pCi/g	2.981123	89.2333	89			
LCS 160-576243/2-A	08/23/2022	579093	90	Boyd, Jacob C	GFPCORANG	2.436933	2.437	pCi/g	2.980908	81.7513	82			
LCS 160-577113/2-A	08/24/2022	579331	82	Cruz, Fernando L	GFPCORANG	2.656424	2.656	pCi/g	2.980777	89.1184	89			
LCS 160-577428/2-A	08/26/2022	579609	73	Cruz, Fernando L	GFPCORANG	2.703986	2.704	pCi/g	2.980391	90.7258	91			

CONTROL CHART METHOD: ST-RC-0058

Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason. Limits marked Edit = Y were edited; Reason should be noted just below Edit column

METHOD BLANK CHART METHOD: ST-RC-0058

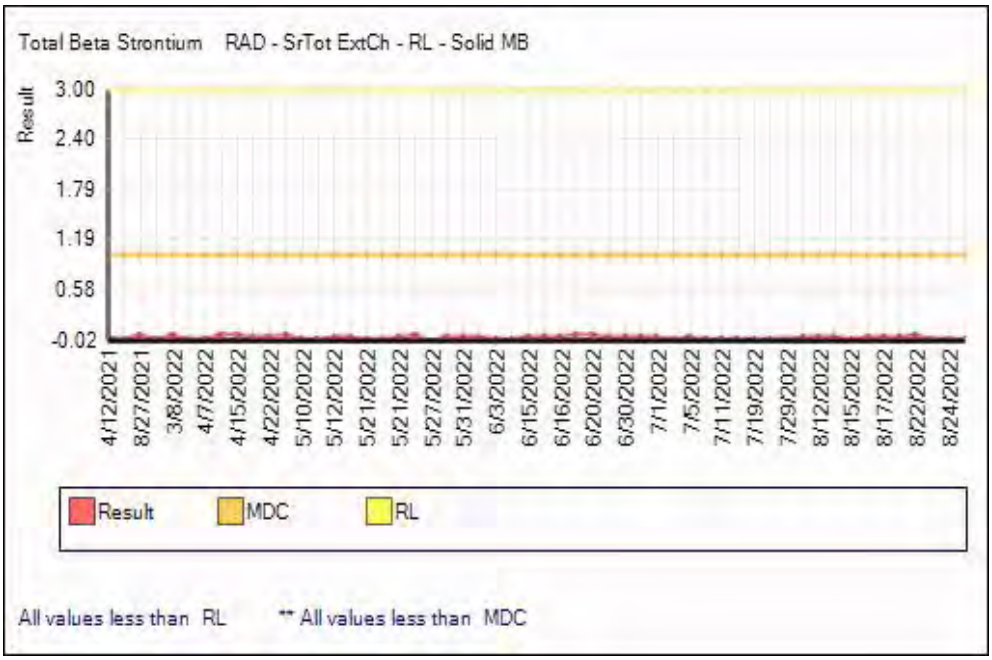
eurofins | Environment Testing

Limit Group **RAD - SrTot ExtCh - RL - Solid**

Laboratory Eurofins St. Louis

Total Beta Strontium

Analysis Dates: 1/1/2021 to 8/31/2022



Current Reporting Limits		
MDC	Upper	Units
1	3.0	pCi/g

Blank Statistics					
Mean	Std Dev	Min	Max	Units	N
0.0057877	0.0175423	-0.024317(	0.0490691	pCi/g	54

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-502526/7-A	04/12/2021	505393	25	Woods, Aamber N	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.007554817	pCi/g	No
MB 160-502974/11-A	04/12/2021	505393	35	Woods, Aamber N	GFPC_TSR	ExtChrom_Sr	GFPCRED	-0.00959572	pCi/g	No
MB 160-521456/5-A	08/27/2021	524474	69	Boyd, Jacob C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.0388871	pCi/g	No
MB 160-523902/7-A	09/02/2021	525399	40	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPROTI	-0.01414154	pCi/g	No
MB 160-554718/23-A	03/08/2022	554092	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.04906913	pCi/g	No
MB 160-557124/11-A	03/31/2022	558068	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.001986508	pCi/g	No
MB 160-556696/23-A	04/07/2022	559132	59	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.0222807	pCi/g	No
MB 160-556698/14-A	04/11/2022	559791	80	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.03937652	pCi/g	No
MB 160-557765/19-A	04/15/2022	560481	77	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.03973959	pCi/g	No
MB 160-558098/14-A	04/18/2022	560820	52	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.005842968	pCi/g	No
MB 160-560278/16-A	04/22/2022	561566	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.01704762	pCi/g	No
MB 160-558500/14-A	04/27/2022	562246	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.02695728	pCi/g	No
MB 160-561445/20-A	05/10/2022	564844	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	-0.01359039	pCi/g	No
MB 160-562208/23-A	05/12/2022	565231	85	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	-0.0119213	pCi/g	No
MB 160-561959/23-A	05/12/2022	565374	20	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCPROTI	0.01191047	pCi/g	No
MB 160-562401/11-A	05/12/2022	565375	93	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.01479859	pCi/g	No
MB 160-562400/23-A	05/21/2022	566763	76	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.005999648	pCi/g	No
MB 160-563237/15-A	05/21/2022	566763	78	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.00269729	pCi/g	No

METHOD BLANK CHART METHOD: ST-RC-0058

Total Beta Strontium

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep	Equip	Result	Units	Exclude
MB 160-563421/14-A	05/21/2022	566762	89	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.009929418	pCi/g	No
MB 160-564990/23-A	05/22/2022	566861	70	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.03255976	pCi/g	No
MB 160-565010/23-A	05/27/2022	567634	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.02431709	pCi/g	No
MB 160-564999/20-A	05/27/2022	567634	###	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.01603469	pCi/g	No
MB 160-565288/15-A	05/31/2022	567876	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.01356827	pCi/g	No
MB 160-565791/11-A	06/03/2022	568317	85	Boyd, Jacob C	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.002177492	pCi/g	No
MB 160-565758/23-A	06/03/2022	568277	###	Boyd, Jacob C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.01316416	pCi/g	No
MB 160-565800/5-A	06/08/2022	569035	77	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	-0.00269157	pCi/g	No
MB 160-567112/23-A	06/15/2022	570135	66	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.009291561	pCi/g	No
MB 160-567276/23-A	06/15/2022	570161	96	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.01180619	pCi/g	No
MB 160-567451/21-A	06/16/2022	570292	83	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.002757504	pCi/g	No
MB 160-567281/23-A	06/16/2022	570287	###	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.03085686	pCi/g	No
MB 160-567639/21-A	06/20/2022	570863	59	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.02989088	pCi/g	No
MB 160-568086/1-A	06/23/2022	571241	86	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.007516289	pCi/g	No
MB 160-569974/1-A	06/30/2022	572278	73	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.00111743	pCi/g	No
MB 160-569275/15-A	06/30/2022	572281	83	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.009035687	pCi/g	No
MB 160-569251/23-A	07/01/2022	572487	84	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCPURPI	0.006793461	pCi/g	No
MB 160-569776/1-A	07/01/2022	572486	73	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.01686109	pCi/g	No
MB 160-569777/1-A	07/05/2022	572699	82	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.005136522	pCi/g	No
MB 160-570461/1-A	07/06/2022	572904	86	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.01197229	pCi/g	No
MB 160-571262/1-A	07/11/2022	573479	58	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00865391	pCi/g	No
MB 160-571462/1-A	07/12/2022	573573	73	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00709868	pCi/g	No
MB 160-572215/1-A	07/19/2022	574456	65	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00166895	pCi/g	No
MB 160-572879/1-A	07/25/2022	575226	24	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCRED	-0.01135552	pCi/g	No
MB 160-572901/1-A	07/29/2022	575554	###	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	-0.02247101	pCi/g	No
MB 160-573153/1-A	08/01/2022	576062	70	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.01385317	pCi/g	No
MB 160-574626/1-A	08/12/2022	577735	69	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCBLUE	0.01869857	pCi/g	No
MB 160-574791/1-A	08/12/2022	577738	86	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.003602128	pCi/g	No
MB 160-574768/1-A	08/15/2022	578086	58	Park, Cassandra L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00824589	pCi/g	No
MB 160-575242/1-A	08/17/2022	578392	24	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.02225725	pCi/g	No
MB 160-575565/1-A	08/17/2022	578394	73	Bernsen, Sarah C	GFPC_TSR	ExtChrom_Sr	GFPCORAN	0.01252058	pCi/g	No
MB 160-575541/1-A	08/19/2022	578688	36	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCRED	0.0069492	pCi/g	No
MB 160-576433/1-A	08/22/2022	579002	37	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCPROTI	0.03174381	pCi/g	No
MB 160-576243/1-A	08/23/2022	579094	72	Boyd, Jacob C	GFPC_TSR	ExtChrom_Sr	GFPCRED	-0.00829553	pCi/g	No
MB 160-577113/1-A	08/24/2022	579331	81	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.00543436	pCi/g	No
MB 160-577428/1-A	08/26/2022	579609	72	Cruz, Fernando L	GFPC_TSR	ExtChrom_Sr	GFPCORAN	-0.01229738	pCi/g	No

METHOD BLANK CHART METHOD: ST-RC-0058

Data marked Exclude= Yes was not used in Calculations - the data point was either an outlier or excluded for another reason

Attachment 5 – Detailed Response to EPA Comment #7

Further clarification of laboratory TPU to TM Section 2.4.2, the EPA is expecting the uncertainty parameters be specified, along with uncertainty calculation used.

Response: The detailed laboratory TPU calculations are shown below

Total Strontium Total Propagated Uncertainty (TPU):

$$TPU = \sqrt{(CU)^2 + (AR_E)^2 + (AR_V)^2 + (AR_S)^2 + (AS_P)^2}$$

Where:
CU = counting uncertainty of the sample
A = activity concentration in the sample
R_E = the relative fractional random uncertainty associated with the counting efficiency. The predominant uncertainty in the efficiency is related to the NIST traceable standard. This is certified to be ≤4% at the 3σ level. In addition, prepared standards are counted to achieve a 1% (1σ) uncertainty. R_E is estimated to be 0.025.
R_V = the relative fractional random uncertainty associated with the volume measurement. Sample aliquots are measured with graduated cylinders, calibrated pipettes, and/or an analytical balance having an uncertainty of <1%, R_V is estimated to be 0.01.
R_S = the relative fractional random uncertainty associated with the strontium carrier yield. Vendor carrier standards are certified at ± 0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.5%. R_S is estimated to be 0.01.
S_P = the relative fractional systematic uncertainty of the procedure. S_P is estimated to be 0.02.

The projected total propagated uncertainty (1σ) would be:

$$TPU = \sqrt{(CU)^2 + (0.035 * A)^2}$$

Strontium-90 Total Propagated Uncertainty (TPU):

$$TPU = \sqrt{(CU)^2 + (AR_E)^2 + (AR_V)^2 + (AR_S)^2 + (AR_Y)^2 + (AS_P)^2}$$

Where:
CU = counting uncertainty of the sample
A = activity concentration in the sample
R_E = the relative fractional random uncertainty associated with the counting efficiency. The predominant uncertainty in the efficiency is related to the NIST traceable standard. This is certified to be ≤4% at the 3σ level. In addition, prepared standards are counted to achieve a 1% (1σ) uncertainty. R_E is estimated to be 0.025.
R_V = the relative fractional random uncertainty associated with the volume measurement. Sample aliquots are measured with graduated cylinders, calibrated pipettes, and/or an analytical balance having an uncertainty of <1%, R_V is estimated to be 0.01.
R_S = the relative fractional random uncertainty associated with the strontium carrier yield. Vendor carrier standards are certified at ± 0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.8%. R_S is estimated to be 0.01.
R_Y = the relative fractional random uncertainty associated with the yttrium carrier yield. Vendor carrier standards are certified at ± 0.5%. Precipitates are measured with an analytical balance at an uncertainty of <0.8%. R_Y is estimated to be 0.015.

S_P = the relative fractional systematic uncertainty of the procedure. S_P is estimated to be 0.025.

The projected total propagated uncertainty (1σ) would be:

$$TPU = \sqrt{(CU)^2 + (0.041 * A)^2}$$

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PRELIMINARY - DRAFT data - investigation into Bi-210 interference in EiChrom SOP 8

Batch	SampleID	Source	Ra-226 pCi/g	Sr-90 pCi/g	Count Date	Analyte	Activity	MDA	UncCount	UncTotal	DLC	% of known Bi-210	LCS Spike Recovery
Sr-90 EiChrom SOP Rev8													
555871	160-44809-A-1-A	MAPEP 34	unknown[1]	Not present[3]	01-Apr-22	Sr-90	0.471	0.109	0.047	0.051	0.071		
555871	160-44809-A-2-A	MAPEP 38	unknown[1]	Not present[3]	01-Apr-22	Sr-90	0.658	0.083	0.047	0.054	0.053		
555871	160-44809-A-3-A	SRM 4353	1.16	0.077	01-Apr-22	Sr-90	0.614	0.080	0.046	0.052	0.051		
555871	160-44809-A-4-A	NRM-4	12.2	unknown[2]	01-Apr-22	Sr-90	4.359	0.087	0.106	0.208	0.057	35.7%	
555871	160-44809-A-5-A	TRM-2	25.4	unknown[2]	01-Apr-22	Sr-90	14.78	0.079	0.193	0.636	0.050	58.2%	
555871	LCS 160-555871/1-A				01-Apr-22	Sr-90	20.30	0.078	0.223	0.862	0.050		105
555871	LCSD 160-555871/2-A				01-Apr-22	Sr-90	21.75	0.093	0.239	0.923	0.061		113
555871	MB 160-555871/8-A				01-Apr-22	Sr-90	0.025	0.076	0.022	0.022	0.049		
Sr-90 EiChrom SOP Rev9													
555873	160-44809-A-6-A	MAPEP 34	unknown[1]	Not present[3]	01-Apr-22	Sr-90	0.101	0.076	0.026	0.027	0.048		
555873	160-44809-A-7-A	MAPEP 38	unknown[1]	Not present[3]	01-Apr-22	Sr-90	0.063	0.100	0.031	0.031	0.066		
555873	160-44809-A-8-A	SRM 4353	1.16	0.077	01-Apr-22	Sr-90	0.103	0.093	0.031	0.031	0.060		
555873	160-44809-A-9-A	NRM-4	12.2	unknown[2]	01-Apr-22	Sr-90	0.151	0.076	0.028	0.029	0.049	1.2%	
555873	160-44809-A-10-A	TRM-2	25.4	unknown[2]	01-Apr-22	Sr-90	0.873	0.078	0.050	0.062	0.050	3.4%	
555873	LCS 160-555873/1-A				01-Apr-22	Sr-90	16.24	0.080	0.194	0.694	0.052		84
555873	LCSD 160-555873/2-A				01-Apr-22	Sr-90	17.64	0.080	0.210	0.753	0.051		91
555873	MB 160-555873/8-A				01-Apr-22	Sr-90	0.021	0.100	0.029	0.029	0.065		

Notes

1. Unknown indicates MAPEP does not provide any values for Ra-226 , as it is not one of the "target analytes" in their program. However, MAPEP uses natural soil and Ra-226 would expected to be present at some level.

2. NRM-4 and TRM-2 are designed as NORM reference materials. No information on Sr-90 available, but is not expected to be present in significant amount.

3. MAPEP studies, Sr-90 was a "false positive" test, meaning that the program did not expect any Sr-90 present.

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APPENDIX B
TOTAL BETA STRONTIUM METHOD VALIDATION STUDY REPORT
(DCN: APTM-0006-5065-0099 | DATED: DECEMBER 19, 2022)

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December 19, 2022

DCN: APTM-0006-5065-0099

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Contract: **N62473-17-D-0006, N6247318F5065, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California**

Subject: **Multi-Agency Radiological Laboratory Analytical Protocols (MARLAP) Method Validation Study for Total Beta Strontium Analysis by Eurofins-TestAmerica SOP No. ST-RC-0058, Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography (Eichrom Method)**

Dear Mr. Londquist:

Aptim Federal Services, LLC (APTIM) is pleased to present the results of the *Multi-Agency Radiological Laboratory Analytical Protocols* (MARLAP)-style method validation study (EPA et al, 2004) for total beta strontium analysis by Eurofins-TestAmerica Standard Operating Procedure (SOP) No. ST-RC-0058, “Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography” (Eichrom method). The validation study was performed by APTIM’s subcontracted laboratory, Eurofins-TestAmerica, located in St. Louis, Missouri.

This letter report provides a summary of the study objective, background, methods, results, and conclusions. Attachment 1 includes the laboratory analytical results.

Objective:

The objective of this study was to validate that the Eichrom method provides accurate results for analyzing soil samples with known strontium-90 (Sr-90) concentrations below, at, and above the 0.331 picocuries per gram (pCi/g) action level for Sr-90.

Background:

The radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California experienced challenges selecting the appropriate analytical method for Sr-90 and total beta strontium. Parcel G has a low action level for Sr-90 (0.331 pCi/g), and it has been difficult to find a method capable of providing low enough decision level concentrations (DLCs) and

uncertainties to reliably and accurately provide meaningful results for project decisions. The *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California* (APTIM, 2020) included Eurofins-TestAmerica SOP No. ST-RC-0050, "*Aqueous and Soil Sample Preparation for Strontium-89, Stronitum-90 and Total Strontium*" [U.S. Environmental Protection Agency (EPA) Method 905] as the Sr-90 sample preparation method. Samples analyzed for Sr-90 by EPA Method 905 had higher-than-expected DLCs and uncertainties, which may have contributed to false positives and non-reproducible results. Field Change Request (FCR)-006, approved on October 18, 2021, was issued to revise the Sr-90 analytical method from EPA Method 905 to the Eichrom method to achieve lower DLCs and uncertainties, and to provide reliable and accurate results. Although lower DLCs and uncertainties were achieved using the EiChrom method for Sr-90, a high bias due to the presence of lead-210 was also observed, rendering the data unreliable for basing project decisions. To address the challenges with analyzing for Sr-90 using the Eichrom method, FCR-007, approved on June 10, 2022, was issued to revise the analysis protocol from Sr-90 to total beta strontium. This change was made because total beta strontium includes all beta-emitting strontium isotopes and the analysis requires fewer sample preparation steps, leading to lower DLC and uncertainties, and eliminating potential interferents such as lead-210. Per FCR-007, the sample analytical protocol is to analyze samples for total beta strontium using the Eichrom method, compare the total beta strontium result to the Sr-90 action level, and confirm potential total beta strontium exceedances with Sr-90 analysis using the Eichrom method. Because of the challenges experienced with strontium analysis methods and the changes in analytical protocol captured in FCR-007, the regulatory agencies requested the Navy perform a study to confirm the accuracy of the Eichrom method. Based on this request, the Navy performed a MARLAP-style method validation study (EPA et al, 2004) for total beta strontium and Sr-90 via the Eichrom method. The results for the total beta strontium method validation study are included here; Sr-90 results will be included in a subsequent report.

Methods:

MARLAP Section 6.6 describes method validation protocols and approach, which are summarized in MARLAP Table 6.1 (EPA et al, 2004). A Validation Level C study was selected because use of the Eichrom method on this project is considered a new application of a validated method (previously validated for different project) due to different measurement quality objectives, including a lower action level for Sr-90.

Per MARLAP (EPA et al, 2004), to properly demonstrate that the analytical method will meet project measurement quality objectives, the method should be evaluated over a range of analyte concentrations that span the expected analyte concentration range for the project. MARLAP recommends three spike concentrations (spike levels) covering the range of expected analyte concentrations for the project. The Navy consulted with the regulatory agencies in two meetings held on June 23, 2022 and July 14, 2022, to discuss and establish the number of spikes and spike concentrations, and to review acceptance criteria prior to beginning the study. In agreement with the Navy and regulatory agencies, the laboratory spiked samples at the three levels, as shown in Table 1.

Table 1: Spike Level Concentrations

Spike Level:	Spike Level 1	Spike Level 2	Spike Level 3
Basis for Concentration:	½ Action Level	Action Level	3x Action Level
Actual Spike Concentration (pCi/g):	0.164	0.331	0.991

In accordance with MARLAP protocols summarized in MARLAP Table 6.1 (EPA et al, 2004), the laboratory analyzed five replicate samples at three levels (15 samples total), one set (five replicate samples) of a method blank (deionized water), and one set (five replicate samples) of a matrix blank for a total of 25 samples. The spike matrix was certified Mixed Analyte Performance Evaluation Program (MAPEP) U.S. Department of Energy (DOE) soil (MAPEP 38) with no measured Sr-90.

In accordance with MARLAP Section 6.6.4 and the Student's t-test provided in Attachment 6A (EPA et al, 2004), the method blank sample results were evaluated for absolute bias and the matrix blank and spike samples were evaluated for relative bias. Bias in the measurements is indicated if the absolute value of the t-test statistic (|T|) is greater than the critical value for |T|.

The acceptance criteria are stipulated in MARLAP Table 6.1 (EPA et al, 2004), and were reviewed with the regulatory agencies in two meetings held on June 23, 2022 and July 14, 2022. For Validation Level C, the acceptance criteria are that the measured values must be within $\pm 2.9\mu_{MR}$ or $\pm 2.9\varphi_{MR}$ of the known spiked values. The acceptance criterion is applied to each analysis in the method validation, not to the mean of the analyses. μ_{MR} is the required absolute method uncertainty for analyte concentrations at or below the action level (Spike Levels 1 and 2) and φ_{MR} is the required relative method uncertainty for analyte concentrations above the action level (Spike Level 3). During the June 23, 2022 meeting between the Navy and the regulatory agencies, the laboratory proposed using 10 percent as the method uncertainty based on professional judgement and consistency with other similar projects. μ_{MR} was set at 10 percent of the action level (0.331 pCi/g) for a value of 0.0331 and φ_{MR} was set at 10 percent of the spiked concentration (0.991 pCi/g) for a value of 0.0991.

Results:

The laboratory report, included as Attachment 1, provides the laboratory results for the method blanks, matrix blanks, and method validation study samples.

The laboratory analyzed five replicate method blank samples (deionized water) to test for absolute bias. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the method blank results. The t-test determined there is no absolute bias in the analytical method.

The laboratory analyzed five replicate matrix blank samples to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the matrix blank results. Results of the t-test determined there is a relative bias in the matrix. Testing for relative bias provides information for reviewing project sample analytical results relative to the matrix used in the study and does not necessarily mean the project sample results will be biased. Attachment 1 provides Z-scores

for informational purposes. The absolute values of each matrix blank sample's Z-score is less than 3, meaning zero is bounded, and suggests that the Sr-90 content in the matrix blank (MAPEP 38 soil) is minimal, if present.

Tables 2, 3, and 4 summarize Spike Levels' 1, 2, and 3 sample number; spike level concentration; detected activity; μ_{MR} or φ_{MR}; acceptance criterion ($2.9\mu_{MR}$ or $2.9\varphi_{MR}$); acceptable concentration ranges; and pass/fail result. As shown in the following tables and in Attachment 1, the method was successfully validated for each spike level.

Table 2: Spike Level 1 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$2.9\mu_{MR}$	Acceptable Range* ($\pm 2.9\ \mu_{MR}$)	Pass/Fail
Spike Level 1-1	0.164	0.1725	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-2	0.164	0.1681	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-3	0.164	0.2027	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-4	0.164	0.1781	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-5	0.164	0.1552	0.0331	0.09599	0.06801-0.2600	Pass

* Acceptable range is determined by the spike level concentration (0.164 pCi/g) $\pm 2.9*\mu_{MR}$.

Table 3: Spike Level 2 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$2.9\mu_{MR}$	Acceptable Range* ($\pm 2.9\ \mu_{MR}$)	Pass/Fail
Spike Level 2-1	0.331	0.3130	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-2	0.331	0.2885	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-3	0.331	0.3226	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-4	0.331	0.3202	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-5	0.331	0.3406	0.0331	0.09599	0.2350-0.4270	Pass

* Acceptable range is determined by the spike level concentration (0.331 pCi/g) $\pm 2.9*\mu_{MR}$.

Table 4: Spike Level 3 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	φ_{MR}	$2.9\varphi_{MR}$	Acceptable Range* ($\pm 2.9\ \varphi_{MR}$)	Pass/Fail
Spike Level 3-1	0.991	0.9142	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-2	0.991	0.9083	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-3	0.991	0.8720	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-4	0.991	0.8951	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-5	0.991	0.8463	0.0991	0.2874	0.7036-1.278	Pass

* Acceptable range is determined by the spike level concentration (0.991 pCi/g) $\pm 2.9*\varphi_{MR}$.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test for each concentration level. The bias test was performed for each level to evaluate whether there is an 'overall' method bias for the entire concentration range based on a false rejection rate. Results of the t-test indicate there is no relative bias at Spike Levels 1 and 3 and there is a relative bias at Spike Level 3. While relative bias exists, the bias did not impact the sample results as demonstrated by the sample results passing the MARLAP acceptance criterion.

Conclusion:

The data indicate the Eichrom method for soil analysis of total beta strontium with a 2.5-gram aliquot using SOP ST-RC-0058 meets MARLAP method validation requirements (EPA et al, 2004). The data demonstrate that the Eichrom method achieves project objectives for DLC, uncertainty, and bias over the range of activity potentially to be seen at Parcel G.

Sincerely,

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References:

Aptim Federal Services, LLC, 2020, *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California*, July.

U.S. Environmental Protection Agency, U.S. Department of Defense, U.S. Department of Energy, U.S. Department of Homeland Security, U.S. Nuclear Regulatory Commission, U.S. Food and Drug Administration, U.S. Geological Survey, National Institute of Standards and Technology, 2004, *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*, Part I: Chapters 1-9, Appendices A-E (Volume I), NUREG-1576, EPA 402-B-04-001A, NTIS PB2004-105421.

Attachments:

Attachment 1: Laboratory Analytical Results

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Attachment 1
Laboratory Analytical Results

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eurofins | Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

HPNS Parcel G Method Validation Study

JOB NUMBER

160-46049-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

Eurofins St. Louis

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. Pursuant to NELAP, this report shall not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. All questions regarding this report should be directed to the Eurofins TestAmerica Project Manager.

Louisiana Lab Certification ID (Non-Potable, Solid/Haz. Material): 106151
Florida Lab Certification ID (Drinking Water): E87689.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

Rhonda Ridenhower

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Case Narrative

Attachment 1

Client: Aptim Federal Services LLC
Project/Site: HPNS Parcel G Method Validation Study

Job ID: 160-46049-1

Job ID: 160-46049-1

Laboratory: Eurofins St. Louis

Narrative

Job Narrative
160-46049-1
Total Beta Strontium Method Validation Study

Receipt
NA- Samples are part of a method validation study

Revision 1- Included summary of validation study.

Revision 2- This data package has been revised to update the expected strontium carrier value from 0.0092 g to 0.010 g. After evaluation of the data/study results and discussion with the analysts, it is apparent the reagent “Sr Carrier_00083” used for the preparation of the samples in this job was not standardized to minimize loss during preparation, leading to a high bias to the carrier yield values and thus a low bias to the Total Beta Strontium results in the original report. A CAR will be provided.

RAD
Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

MARLAP Method Validation Study Summary
(Total Beta Strontium "14-day" ingrowth)

Eurofins TestAmerica performed a method validation study for total beta strontium by Eichrom using MARLAP validation level C type criteria.

MARLAP Level C
- Use MAPEP 38 as matrix
    - Known "analyte-free" for Strontium-90 (and thus Total Beta Strontium)
- Study samples were spiked at 3 activity levels
    - ~0.166 pCi/g (1/2 action level)
    - ~0.331 pCi/g (action level)
    - ~0.993 pCi/g (3 x action level)
- 5 replicate samples of each level (15 samples total)
- 1 set (5 replicate samples) matrix blank
- 1 set (5 replicate samples) method blank (Deionized Water)

TABLE 6.1 — Tiered project method validation approach

Validation Level	Application	Sample Type*	Acceptance Criteria§	Levels † (Concentrations)	Replicates	No. of Analyses
C	Similar Matrix/New Application	Internal or External PT	Measured Value Within ±2.9 u_{MR} or ± 2.9φ_{MR} of Known Value	3	5	15

μ_{MR} - the required absolute method uncertainty for analyte concentrations at or below the action level. For this validation study, μ_{MR} is defined as 10% of the action limit (0.0331).
φ_{MR} - the required relative method uncertainty for analyte concentrations above the action level. For this validation study, φ_{MR} is defined as 10% of the observed activity and applies to spike level 3 only.

Evaluation of Total Beta Strontium after 14-day ingrowth (results included on following pages):
- Method and Matrix Blanks
    - No absolute bias was detected as seen in the Student's T in the Method Blank
    - Student's T in Matrix Blank above the critical value of |T| indicating potential slight native content of Total Beta Strontium (Sr-90) in the matrix soil. All z-scores are within QSM requirement of <3 (as applied to a Method Blank) suggesting this content is relatively minimal.
- Activity Levels (Concentrations)
    - <u>All 3 spike levels meet MARLAP criteria set out (within ±2.9u_{MR} ±2.9φ_{MR} of known value</u>).
    - Spike Levels 1 (0.164 pCi/g) and 2 (0.331 pCi/g) exhibited no relative bias based upon Student's T. Of particular note is Level 2 (the action limit), for which the average spike recovery was 96%, giving confidence in evaluating detections at and above the action limit (project remediation goal, PRG).

- Spike Level 3 (0.991 pCi/g) showed a slight relative low bias based upon Student's T. Note that z-scores for all 5 replicates (not shown in the table) for Level 3 are all within the QSM requirement of <3 suggesting this bias is relatively minor. The client should evaluate to determine if this bias is significant to the project.

- Detection Capability
  - The critical value (DLC) achieved is approximately 1/10th or less of the action limit (0.331 pCi/g).
- Study shows that Total Beta Strontium 14-day analysis meets project needs:
  - Chemical yields are generally in the 70%-90% range, which is what we have historically seen for this method and are relatively good for any method.
  - Given that the MAPEP soil used for this study also contained a relatively significant amount of man-made beta emitters along with naturally-occurring isotopes, we can suggest that the method is analyte-specific and rugged in relation to other possible sample constituents and interferences.
  - The overall study data indicates the Eichrom method for soil analysis at the 2.5 gram aliquot using SOP ST-RC-0058 meets the MARLAP acceptance criteria in Table 6.1 (above) and demonstrate the method can achieve project objectives for DLC, uncertainty, and possibly bias over the range of activity potentially to be seen at the site. While there is slight low bias at the 1 pCi/g activity level, there is no significant bias seen at the PRG. Thus, the project can have confidence that analyte activity seen in samples above the PRG is truly present.

Eichrom Validation Study

Total Beta Strontium

"14-day ingrowth"

Method Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Z-Score[2]
573817	160-46049-A-1-E	8/1/2022 12:13	Total Beta Strontium	93.0%	0.0121	0.0109	0.0239	1.113
573817	160-46049-A-2-E	8/1/2022 12:14	Total Beta Strontium	92.0%	-0.0109	0.0111	0.0272	-0.975
573817	160-46049-A-3-E	8/1/2022 12:14	Total Beta Strontium	84.0%	-0.0061	0.0105	0.0252	-0.580
573817	160-46049-A-4-E	8/1/2022 12:14	Total Beta Strontium	91.0%	0.0125	0.0102	0.0221	1.223
573817	160-46049-A-5-E	8/1/2022 12:14	Total Beta Strontium	85.0%	-0.0069	0.0101	0.0244	-0.689
				Avg:[4]	0.0002			
				StDev:[4]	0.0112			
				|T|:[4]	0.0268	(No absolute bias seen for method)		
				v_{eff}:[4]	4			
				Critical Value for |T|:[4]	2.776			

Matrix Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Z-Score[2]
573817	160-46049-A-6-E	8/1/2022 12:14	Total Beta Strontium	85.8%	0.0264	0.0129	0.0268	2.053
573817	160-46049-A-7-E	8/1/2022 12:14	Total Beta Strontium	73.1%	0.0223	0.0147	0.0315	1.519
573817	160-46049-A-8-E	8/1/2022 12:14	Total Beta Strontium	84.8%	0.0367	0.0123	0.0238	2.980
573817	160-46049-A-9-E	8/1/2022 12:14	Total Beta Strontium	75.0%	0.0045	0.0122	0.0279	0.370
573817	160-46049-A-10-E	8/1/2022 12:15	Total Beta Strontium	79.9%	0.0287	0.0132	0.0269	2.181
				Avg:[4]	0.0237			
				StDev:[4]	0.0120			
				|T|:[4]	3.9685	(Relative bias seen in matrix blank)		
				v_{eff}:[4]	4			
				Critical Value for |T|:[4]	2.776			

Spike Level 1

Nominal Spike value = 0.164 pCi/g on 08/01/2022; uMR = 0.0331

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	$<2.9\mu_{MR}$	%Rec[3]
573817	160-46049-A-11-F	8/1/2022 12:15	Total Beta Strontium	78.0%	0.1725	0.0226	0.0338	0.06801	0.2600	Yes	105%
573817	160-46049-A-12-F	8/1/2022 12:15	Total Beta Strontium	78.9%	0.1681	0.0204	0.0268	0.06801	0.2600	Yes	102%
573817	160-46049-A-13-F	8/1/2022 12:15	Total Beta Strontium	87.7%	0.2027	0.0207	0.0227	0.06801	0.2600	Yes	124%
573817	160-46049-A-14-F	8/1/2022 15:13	Total Beta Strontium	79.9%	0.1781	0.0213	0.0289	0.06801	0.2600	Yes	109%
573817	160-46049-A-15-F	8/1/2022 15:13	Total Beta Strontium	82.8%	0.1552	0.0195	0.0265	0.06801	0.2600	Yes	95%
Nominal Spike Value (pCi/g): 0.164				Avg:[4]	0.1753						107%
Ref Date: 8/1/2022				StDev:[4]	0.0175						
u_{MR}: 0.0331				|T|:[4,5]	1.374	(No relative bias seen)					
				v_{eff}:[4,5]	5.584						
				Critical Value for |T|:[4]	2.571						

Spike Level 2

Nominal Spike value = 0.331 pCi/g on 08/01/2022; uMR = 0.0331

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	<2.9μ_{MR}	%Rec[3]
573817	160-46049-A-16-E	8/1/2022 15:13	Total Beta Strontium	87.7%	0.3130	0.0269	0.0268	0.2350	0.4270	Yes	95%
573817	160-46049-A-17-E	8/1/2022 15:13	Total Beta Strontium	67.2%	0.2885	0.0287	0.0329	0.2350	0.4270	Yes	87%
573817	160-46049-A-18-E	8/1/2022 15:20	Total Beta Strontium	79.9%	0.3226	0.0279	0.0256	0.2350	0.4270	Yes	97%
573817	160-46049-A-19-E	8/1/2022 15:20	Total Beta Strontium	76.0%	0.3202	0.0290	0.0304	0.2350	0.4270	Yes	97%
573817	160-46049-A-20-E	8/1/2022 15:20	Total Beta Strontium	81.9%	0.3406	0.0283	0.0236	0.2350	0.4270	Yes	103%
Nominal Spike Value (pCi/g): 0.331				Avg:[4]	0.3170						96%
Ref Date: 8/1/2022				StDev:[4,5]	0.0189						
u_{MR}: 0.0331				|T|:[4,5]	1.147	(No relative bias seen)					
				v_{eff}:[4]	9.530						
				Critical Value for |T|:[4]	2.262						

Spike Level 3

Nominal Spike value = 0.991 pCi/g on 8/1/2022; ϕ_{MR} = 10%

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	<2.9ϕ_{MR}	%Rec[3]
573817	160-46049-A-21-E	8/1/2022 15:20	Total Beta Strontium	73.1%	0.9142	0.0578	0.0288	0.7036	1.278	Yes	92%
573817	160-46049-A-22-E	8/1/2022 15:20	Total Beta Strontium	85.8%	0.9083	0.0561	0.0272	0.7036	1.278	Yes	92%
573817	160-46049-A-23-E	8/1/2022 15:20	Total Beta Strontium	78.9%	0.8720	0.0549	0.0256	0.7036	1.278	Yes	88%
573817	160-46049-A-24-E	8/1/2022 15:20	Total Beta Strontium	81.9%	0.8951	0.0556	0.0250	0.7036	1.278	Yes	90%
573817	160-46049-A-25-E	8/1/2022 15:20	Total Beta Strontium	82.8%	0.8463	0.0535	0.0271	0.7036	1.278	Yes	85%
Nominal Spike Value (pCi/g): 0.991				Avg:[4]	0.8872						90%
Ref Date: 8/1/2022				StDev:[4]	0.0280						
φ_{MR}: 10%				|T|:[4,5]	3.289	(Relative bias seen)					
				v_{eff}:[4,5]	26.486						
				Critical Value for |T|:[4]	2.056						

Notes:
1 - Yield corresponds to the carrier recovery (chemical yield) of the process
2 - Z-Score provided for information only
3 - %Rec corresponds to the spike recovery and is provided for information only (not a MARLAP validation criteria)
4 - Avg, StDev, Students T value (|T|), v_{eff}, and Critical Value for |T| calculated from results per MARLAP Appendix 6A

Definitions/Glossary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Qualifiers

Rad

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Method	Method Description	Protocol	Laboratory
ST-RC-0058	Total Beta Strontium by GFPC (Extraction Chromatography)	TAL-STL	EET SL
ExtChrom	Preparation, Extraction Chromatography Resin, Strontium	None	EET SL

Protocol References:

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-46049-1	DI Method Blank 1	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-2	DI Method Blank 2	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-3	DI Method Blank 3	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-4	DI Method Blank 4	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-5	DI Method Blank 5	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-6	Matrix Blank 1	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-7	Matrix Blank 2	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-8	Matrix Blank 3	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-9	Matrix Blank 4	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-10	Matrix Blank 5	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-11	Spike Level 1 - 1	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-12	Spike Level 1 - 2	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-13	Spike Level 1 - 3	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-14	Spike Level 1 - 4	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-15	Spike Level 1 - 5	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-16	Spike Level 2 - 1	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-17	Spike Level 2 - 2	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-18	Spike Level 2 - 3	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-19	Spike Level 2 - 4	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-20	Spike Level 2 - 5	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-21	Spike Level 3 - 1	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-22	Spike Level 3 - 2	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-23	Spike Level 3 - 3	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-24	Spike Level 3 - 4	Solid	06/28/22 08:00	06/28/22 10:04
160-46049-25	Spike Level 3 - 5	Solid	06/28/22 08:00	06/28/22 10:04

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: DI Method Blank 1
Lab Sample ID: 160-46049-1
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0121	U	0.0218	0.0218	0.331	0.0239	pCi/g	07/13/22 17:55	08/01/22 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*93.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:13*	*1*

Client Sample ID: DI Method Blank 2
Lab Sample ID: 160-46049-2
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.0109	U	0.0222	0.0223	0.331	0.0272	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*92.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: DI Method Blank 3
Lab Sample ID: 160-46049-3
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.00608	U	0.0209	0.0209	0.331	0.0252	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*84.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: DI Method Blank 4
Lab Sample ID: 160-46049-4
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0125	U	0.0204	0.0204	0.331	0.0221	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*91.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: DI Method Blank 5
Lab Sample ID: 160-46049-5
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.00694	U	0.0201	0.0201	0.331	0.0244	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*85.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: Matrix Blank 1
Lab Sample ID: 160-46049-6
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0264	U	0.0256	0.0257	0.331	0.0268	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*85.8*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: Matrix Blank 2
Lab Sample ID: 160-46049-7
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0223	U	0.0293	0.0293	0.331	0.0315	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*73.1*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: Matrix Blank 3
Lab Sample ID: 160-46049-8
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.0367**		0.0244	0.0247	0.331	0.0238	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*84.8*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: Matrix Blank 4
Lab Sample ID: 160-46049-9
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.00452	U	0.0245	0.0245	0.331	0.0279	pCi/g	07/13/22 17:55	08/01/22 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*75.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:14*	*1*

Client Sample ID: Matrix Blank 5
Lab Sample ID: 160-46049-10
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.0287**		0.0262	0.0263	0.331	0.0269	pCi/g	07/13/22 17:55	08/01/22 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*79.9*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:15*	*1*

Client Sample ID: Spike Level 1 - 1
Lab Sample ID: 160-46049-11
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.172**		0.0421	0.0453	0.331	0.0338	pCi/g	07/13/22 17:55	08/01/22 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*78.0*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:15*	*1*

Client Sample ID: Spike Level 1 - 2
Lab Sample ID: 160-46049-12
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.168**		0.0375	0.0408	0.331	0.0268	pCi/g	07/13/22 17:55	08/01/22 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*78.9*		*40 - 110*	*07/13/22 17:55*	*08/01/22 12:15*	*1*

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: Spike Level 1 - 3
Lab Sample ID: 160-46049-13
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.203		0.0365	0.0413	0.331	0.0227	pCi/g	07/13/22 17:55	08/01/22 12:15	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	87.7		40 - 110	07/13/22 17:55	08/01/22 12:15	1

Client Sample ID: Spike Level 1 - 4
Lab Sample ID: 160-46049-14
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.178		0.0390	0.0426	0.331	0.0289	pCi/g	07/13/22 17:55	08/01/22 15:13	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		40 - 110	07/13/22 17:55	08/01/22 15:13	1

Client Sample ID: Spike Level 1 - 5
Lab Sample ID: 160-46049-15
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.155		0.0360	0.0390	0.331	0.0265	pCi/g	07/13/22 17:55	08/01/22 15:13	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	82.8		40 - 110	07/13/22 17:55	08/01/22 15:13	1

Client Sample ID: Spike Level 2 - 1
Lab Sample ID: 160-46049-16
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.313		0.0446	0.0538	0.331	0.0268	pCi/g	07/13/22 17:55	08/01/22 15:13	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	87.7		40 - 110	07/13/22 17:55	08/01/22 15:13	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: Spike Level 2 - 2
Lab Sample ID: 160-46049-17
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.288		0.0504	0.0575	0.331	0.0329	pCi/g	07/13/22 17:55	08/01/22 15:13	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	67.2		40 - 110	07/13/22 17:55	08/01/22 15:13	1

Client Sample ID: Spike Level 2 - 3
Lab Sample ID: 160-46049-18
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.323		0.0465	0.0558	0.331	0.0256	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample ID: Spike Level 2 - 4
Lab Sample ID: 160-46049-19
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.320		0.0491	0.0579	0.331	0.0304	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.0		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample ID: Spike Level 2 - 5
Lab Sample ID: 160-46049-20
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.341		0.0463	0.0567	0.331	0.0236	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	81.9		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: Spike Level 3 - 1
Lab Sample ID: 160-46049-21
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.914		0.0753	0.116	0.331	0.0288	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.1		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample ID: Spike Level 3 - 2
Lab Sample ID: 160-46049-22
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.908		0.0706	0.112	0.331	0.0272	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	85.8		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample ID: Spike Level 3 - 3
Lab Sample ID: 160-46049-23
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.872		0.0711	0.110	0.331	0.0256	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	78.9		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample ID: Spike Level 3 - 4
Lab Sample ID: 160-46049-24
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.895		0.0705	0.111	0.331	0.0250	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	81.9		40 - 110	07/13/22 17:55	08/01/22 15:20	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Client Sample ID: Spike Level 3 - 5

Lab Sample ID: 160-46049-25
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 06/28/22 10:04

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.846		0.0695	0.107	0.331	0.0271	pCi/g	07/13/22 17:55	08/01/22 15:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*82.8*		*40 - 110*	*07/13/22 17:55*	*08/01/22 15:20*	*1*

QC Association Summary

Attachment 1

Client: Aptim Federal Services LLC
Project/Site: HPNS Parcel G Method Validation Study

Job ID: 160-46049-1

Rad

Prep Batch: 573817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-46049-1	DI Method Blank 1	Total/NA	Solid	ExtChrom	
160-46049-2	DI Method Blank 2	Total/NA	Solid	ExtChrom	
160-46049-3	DI Method Blank 3	Total/NA	Solid	ExtChrom	
160-46049-4	DI Method Blank 4	Total/NA	Solid	ExtChrom	
160-46049-5	DI Method Blank 5	Total/NA	Solid	ExtChrom	
160-46049-6	Matrix Blank 1	Total/NA	Solid	ExtChrom	
160-46049-7	Matrix Blank 2	Total/NA	Solid	ExtChrom	
160-46049-8	Matrix Blank 3	Total/NA	Solid	ExtChrom	
160-46049-9	Matrix Blank 4	Total/NA	Solid	ExtChrom	
160-46049-10	Matrix Blank 5	Total/NA	Solid	ExtChrom	
160-46049-11	Spike Level 1 - 1	Total/NA	Solid	ExtChrom	
160-46049-12	Spike Level 1 - 2	Total/NA	Solid	ExtChrom	
160-46049-13	Spike Level 1 - 3	Total/NA	Solid	ExtChrom	
160-46049-14	Spike Level 1 - 4	Total/NA	Solid	ExtChrom	
160-46049-15	Spike Level 1 - 5	Total/NA	Solid	ExtChrom	
160-46049-16	Spike Level 2 - 1	Total/NA	Solid	ExtChrom	
160-46049-17	Spike Level 2 - 2	Total/NA	Solid	ExtChrom	
160-46049-18	Spike Level 2 - 3	Total/NA	Solid	ExtChrom	
160-46049-19	Spike Level 2 - 4	Total/NA	Solid	ExtChrom	
160-46049-20	Spike Level 2 - 5	Total/NA	Solid	ExtChrom	
160-46049-21	Spike Level 3 - 1	Total/NA	Solid	ExtChrom	
160-46049-22	Spike Level 3 - 2	Total/NA	Solid	ExtChrom	
160-46049-23	Spike Level 3 - 3	Total/NA	Solid	ExtChrom	
160-46049-24	Spike Level 3 - 4	Total/NA	Solid	ExtChrom	
160-46049-25	Spike Level 3 - 5	Total/NA	Solid	ExtChrom	

Tracer/Carrier Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46049-1
Project/Site: HPNS Parcel G Method Validation Study

Method: ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Matrix: Solid **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**Sr (40-110)**							
160-46049-1	DI Method Blank 1	93.0							
160-46049-2	DI Method Blank 2	92.0							
160-46049-3	DI Method Blank 3	84.0							
160-46049-4	DI Method Blank 4	91.0							
160-46049-5	DI Method Blank 5	85.0							
160-46049-6	Matrix Blank 1	85.8							
160-46049-7	Matrix Blank 2	73.1							
160-46049-8	Matrix Blank 3	84.8							
160-46049-9	Matrix Blank 4	75.0							
160-46049-10	Matrix Blank 5	79.9							
160-46049-11	Spike Level 1 - 1	78.0							
160-46049-12	Spike Level 1 - 2	78.9							
160-46049-13	Spike Level 1 - 3	87.7							
160-46049-14	Spike Level 1 - 4	79.9							
160-46049-15	Spike Level 1 - 5	82.8							
160-46049-16	Spike Level 2 - 1	87.7							
160-46049-17	Spike Level 2 - 2	67.2							
160-46049-18	Spike Level 2 - 3	79.9							
160-46049-19	Spike Level 2 - 4	76.0							
160-46049-20	Spike Level 2 - 5	81.9							
160-46049-21	Spike Level 3 - 1	73.1							
160-46049-22	Spike Level 3 - 2	85.8							
160-46049-23	Spike Level 3 - 3	78.9							
160-46049-24	Spike Level 3 - 4	81.9							
160-46049-25	Spike Level 3 - 5	82.8							

Tracer/Carrier Legend

Sr = Sr Carrier

APPENDIX C
STRONTIUM-90 METHOD VALIDATION STUDY REPORT
(DCN: APTM-0006-5065-0100 | DATED: DECEMBER 20, 2022)

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December 20, 2022

DCN: APTM-0006-5065-0100

Mr. Brian Londquist
Remedial Project Manager
Navy Base Realignment and Closure Program Management Office West
33000 Nixie Way, Building 50
San Diego, California 92147

Contract: **N62473-17-D-0006, N6247318F5065, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California**

Subject: **Multi-Agency Radiological Laboratory Analytical Protocols (MARLAP) Method Validation Study for Isotopic Strontium-90 Analysis by Eurofins-TestAmerica SOP No. ST-RC-0058, Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography (Eichrom Method)**

Dear Mr. Londquist:

Aptim Federal Services, LLC (APTIM) is pleased to present the results of the *Multi-Agency Radiological Laboratory Analytical Protocols* (MARLAP)-style method validation study (EPA et al, 2004) for isotopic strontium-90 (Sr-90) analysis by Eurofins-TestAmerica Standard Operating Procedure (SOP) No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom method). The validation study was performed by APTIM's subcontracted laboratory, Eurofins-TestAmerica, located in St. Louis, Missouri.

This letter report provides a summary of the study objective, background, methods, results, and conclusions. Attachment 1 includes the laboratory analytical results.

Objective:

The objective of this study was to validate that the Eichrom method provides accurate results for analyzing soil samples with known Sr-90 concentrations below, at, and above the 0.331 picocuries per gram (pCi/g) action level for Sr-90.

Background:

The radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California experienced challenges selecting the appropriate analytical method for Sr-90 and total beta strontium. Parcel G has a low action level for Sr-90 (0.331 pCi/g), and it has been difficult to find a method capable of providing low enough decision level concentrations (DLCs) and

uncertainties to reliably and accurately provide meaningful results for project decisions. The *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California* (APTIM, 2020) included Eurofins-TestAmerica SOP No. ST-RC-0050, "*Aqueous and Soil Sample Preparation for Strontium-89, Stronitum-90 and Total Strontium*" [U.S. Environmental Protection Agency (EPA) Method 905] as the isotopic Sr-90 sample preparation method. Samples analyzed for isotopic Sr-90 by EPA Method 905 had higher-than-expected DLCs and uncertainties, which may have contributed to false positives and non-reproducible results. Field Change Request (FCR)-006, approved on October 18, 2021, was issued to revise the isotopic Sr-90 analytical method from EPA Method 905 to the Eichrom method to achieve lower DLCs and uncertainties, and to provide reliable and accurate results. Although lower DLCs and uncertainties were achieved using the EiChrom method for isotopic Sr-90, a high bias due to the presence of lead-210 was also observed rendering the data unreliable for basing project decisions. To address the challenges with analyzing for isotopic Sr-90 using the Eichrom method, FCR-007, approved on June 10, 2022, was issued to revise the analytical protocol from isotopic Sr-90 to total beta strontium analysis with the Eichrom method. This change was made because total beta strontium includes all beta-emitting strontium isotopes and the analysis requires fewer sample preparation steps, leading to lower DLC and uncertainties, and eliminating potential interferents such as lead-210. Per FCR-007, the sample analytical protocol is to analyze samples for total beta strontium using the Eichrom method, compare the total beta strontium result to the Sr-90 action level included in the work plan (CH2M Hill, Inc 2019), and confirm potential total beta strontium exceedances with isotopic Sr-90 analysis using the Eichrom method. Because of the challenges experienced with strontium analysis methods and the changes in analytical protocol captured in FCR-007, the regulatory agencies requested the Navy perform a study to confirm the accuracy of the Eichrom method. Based on this request, the Navy performed a MARLAP-style method validation study (EPA et al, 2004) for total beta strontium and isotopic Sr-90 via the Eichrom method. The results for the isotopic Sr-90 method validation study are included here; total beta strontium Eichrom method results were included in a separate report (Document Control Number: APTM-0006-5065-0099, dated December 19, 2022).

Methods:

MARLAP Section 6.6 describes method validation protocols and approach, which are summarized in MARLAP Table 6.1 (EPA et al, 2004). A Validation Level C study was selected because use of the Eichrom method on this project is considered a new application of a validated method (previously validated for a different project) due to different measurement quality objectives, including a lower action level for isotopic Sr-90.

Per MARLAP (EPA et al, 2004), to properly demonstrate that the analytical method will meet project measurement quality objectives, the method should be evaluated over a range of analyte concentrations that span the expected analyte concentration range for the project. MARLAP recommends three spike concentrations (spike levels) covering the range of expected analyte concentrations for the project. The Navy consulted with the regulatory agencies in two meetings held on June 23, 2022 and July 14, 2022, to discuss and establish the number of spikes and spike

concentrations, and to review acceptance criteria prior to beginning the study. In agreement with the Navy and regulatory agencies, the laboratory spiked samples at the three levels, as shown in Table 1.

Table 1: Spike Level Concentrations

Spike Level:	Spike Level 1	Spike Level 2	Spike Level 3
Basis for Concentration:	½ Sr-90 Action Level	Sr-90 Action Level	3x Sr-90 Action Level
Actual Spike Concentration (pCi/g):	0.164	0.331	0.991

Based on the MARLAP protocols summarized in MARLAP Table 6.1 (EPA et al, 2004), the laboratory analyzed five replicate samples at three levels (15 samples total), one set (five replicate samples) of a method blank (deionized water), and one set (five replicate samples) of a matrix blank for a total of 25 samples. The spike matrix was certified Mixed Analyte Performance Evaluation Program (MAPEP) U.S. Department of Energy (DOE) soil (MAPEP 38) with no measured Sr-90.

In accordance with MARLAP Section 6.6.4 and the Student's t-test provided in Attachment 6A (EPA et al, 2004), the method blank sample results were evaluated for absolute bias and the matrix blank and spike samples were evaluated for relative bias. Bias in the measurements is indicated if the absolute value of the t-test statistic (|T|) is greater than the critical value for |T|.

The acceptance criteria are stipulated in MARLAP Table 6.1 (EPA et al, 2004), and were reviewed with the regulatory agencies in two meetings held on June 23, 2022 and July 14, 2022. For Validation Level C, the acceptance criteria are that the measured values must be within $\pm 2.9\mu_{MR}$ or $\pm 2.9\varphi_{MR}$ of the known spiked values. The acceptance criterion is applied to each analysis in the method validation, not to the mean of the analyses. μ_{MR} is the required absolute method uncertainty for analyte concentrations at or below the action level (Spike Levels 1 and 2) and φ_{MR} is the required relative method uncertainty for analyte concentrations above the action level (Spike Level 3). During the June 23, 2022 meeting between the Navy and the regulatory agencies, the laboratory proposed using 10 percent as the method uncertainty based on professional judgement and consistency with other similar projects. μ_{MR} was set at 10 percent of the action level (0.331 pCi/g) for a value of 0.0331 and φ_{MR} was set at 10 percent of the spiked concentration (0.991 pCi/g) for a value of 0.0991.

Results:

The laboratory report, included as Attachment 1, provides the laboratory results for the method blanks, matrix blanks, and method validation study samples.

The laboratory analyzed five replicate method blank samples (deionized water) to test for absolute bias. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the method blank results. Results of the t-test did not detect an absolute bias; however, while the Student's T is just below the critical value (|T| = 2.7717, compared to a critical value of 2.776), the method does appear to exhibit a relatively significantly high bias relative to the project's low action limit of 0.331 pCi/g.

To account for the bias, the laboratory proposes a method blank population correction to the matrix blank and spike level results, as outlined in Section 1.5.2.1 of the *Quality Systems Manual for*

Environmental Laboratories (QSM; Department of Defense, 2021) and The NELAC Institute (TNI) standard documents (TNI, 2009). Typically, a minimum of 20 method blanks are used to determine the average bias concentration. However, only five samples are available from this study, with a method blank average activity of 0.0845 pCi/g. This average value was applied for study purposes to the MARLAP validation study results as follows:

$$\text{Activity}_{BPop} = \text{Activity} - \text{Method Blank Average Activity}$$

Where Activity_{BPop} is the method blank population corrected activity.

The laboratory analyzed five replicate matrix blank samples to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. The matrix blank results were corrected using method blank population correction. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the corrected matrix blank results. Results of the t-test determined there is no relative bias in the matrix.

Tables 2, 3, and 4 summarize Spike Levels' 1, 2, and 3 sample number, spike level concentration, detected activity (with method blank population correction applied), μ_{MR} or φ_{MR}, acceptance criterion ($2.9\mu_{MR}$ or $2.9\varphi_{MR}$), acceptable concentration ranges, and pass/fail result. As shown in the following tables and in Attachment 1, using method blank population correction, the method was successfully validated for each spike level with the exception of one replicate at Spike Level 2. Spike Level 2-4 had a method blank population corrected activity of 0.4615 pCi/g, approximately 33 percent higher than the spiked concentration 0.331 pCi/g. As Spike Level 2 is set at the Parcel G action level, it is critical for project decisions that reported results pass acceptance criteria at this concentration.

Table 2: Spike Level 1 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity* (pCi/g)	μ_{MR}	$2.9\mu_{MR}$	Acceptable Range** ($\pm 2.9\ \mu_{MR}$)	Pass/Fail
Spike Level 1-1	0.164	0.2377	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-2	0.164	0.1669	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-3	0.164	0.2292	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-4	0.164	0.1889	0.0331	0.09599	0.06801-0.2600	Pass
Spike Level 1-5	0.164	0.1450	0.0331	0.09599	0.06801-0.2600	Pass

* Corrected detected activity using method blank population subtraction (Activity_{BPop}).

** Acceptable range is determined by the spike level concentration (0.164 pCi/g) $\pm 2.9 * \mu_{MR}$.

Table 3: Spike Level 2 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity* (pCi/g)	μ_{MR}	$2.9\mu_{MR}$	Acceptable Range** ($\pm 2.9\ \mu_{MR}$)	Pass/Fail
Spike Level 2-1	0.331	0.3630	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-2	0.331	0.3077	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-3	0.331	0.3754	0.0331	0.09599	0.2350-0.4270	Pass
Spike Level 2-4	0.331	0.4615	0.0331	0.09599	0.2350-0.4270	Fail
Spike Level 2-5	0.331	0.3074	0.0331	0.09599	0.2350-0.4270	Pass

* Corrected detected activity using method blank population subtraction ($Activity_{BPop}$).

* Acceptable range is determined by the spike level concentration (0.331 pCi/g) $\pm 2.9 * \mu_{MR}$.

Table 4: Spike Level 3 Results

Spike-Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity* (pCi/g)	φ_{MR}	$2.9\varphi_{MR}$	Acceptable Range** ($\pm 2.9\ \varphi_{MR}$)	Pass/Fail
Spike Level 3-1	0.991	1.1234	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-2	0.991	1.2163	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-3	0.991	1.1156	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-4	0.991	1.0260	0.0991	0.2874	0.7036-1.278	Pass
Spike Level 3-5	0.991	1.1485	0.0991	0.2874	0.7036-1.278	Pass

* Corrected detected activity using method blank population subtraction ($Activity_{BPop}$).

** Acceptable range is determined by the spike level concentration (0.991 pCi/g) $\pm 2.9 * \varphi_{MR}$.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test for each concentration level. The bias test was performed for each level to evaluate whether there is an 'overall' method bias for the entire concentration range based on a false rejection rate. Results of the t-test indicate there is no relative bias at Spike Levels 1 and 2, and there is a relative bias at Spike Level 3 in the method blank population subtraction results. While relative bias exists, the bias did not impact the sample results as demonstrated by the sample results passing the MARLAP acceptance criterion.

Conclusion:

The data indicate the Eichrom method for soil analysis of isotopic Sr-90 meets MARLAP method validation requirements (EPA et al, 2004) when a method blank population correction is applied the method, with the exception of one replicate at Spike Level 2. For project samples, a method blank population correction will be used based on analyzing 20 method blanks per the QSM and TNI standards. The data demonstrate that the Eichrom method achieves project objectives for DLC, uncertainty, and bias over the range of activity potentially to be seen at Parcel G. The laboratory report states there is a high bias at all three spike levels and the project shall determine if the high bias is acceptable.

Recommendation:

Based on the results presented in this report, Sr-90 analysis using the Eichrom method is not the recommended analytical protocol for evaluating Sr-90 in project soils for two key reasons:

1. Sample results require a method blank population correction due to a high bias in the method
2. One sample replicate at Spike Level 2 failed the acceptance criteria; as Spike Level 2 is set at the Parcel G action level, it is critical for project decisions that reported results pass acceptance criteria at this concentration; the high bias is not acceptable for this project

Sr-90 analysis is more complex than total beta strontium analysis, and it requires several additional chemical preparation steps in the laboratory. Based on the validation study results included in this report, the Sr-90 analytical results require a method blank population correction due to a high bias, which adds additional method blank sample analysis and data processing. To perform a method blank population correction for project samples, the laboratory analyzes 20 method blank samples and averages the results to determine the correction value. The preferred method is to analyze the 20 method blank samples over several analytical batches, over many days, weeks, or months, to achieve the most representative average value. Per laboratory procedures, the laboratory periodically (e.g., annually) gathers a new population of method blanks. In the laboratory's procedure, the "new" method blank population is compared to the existing population. If not statistically different, the laboratory maintains the existing method blank population value for corrections. If the two method blank populations are statistically different, then the laboratory updates the method blank correction factor and uses the updated factor going forward. The method blank population correction may change over the course of the project.

Total beta strontium analysis using the Eichrom method is the recommended analytical protocol for project samples at Parcel G based on the following rationale:

- Total beta strontium includes isotopic Sr-90 concentration
- It is a simpler process in the laboratory with fewer separation steps
- The DLC range for total beta strontium analysis using the Eichrom method is approximately 2 to 2.5 times lower than the DLC range for Sr-90 analysis using the Eichrom method
- The total propagated uncertainty (TPU) for total beta strontium analysis using the Eichrom method is approximately 2 to 2.5 times lower than the TPU range for Sr-90 analysis using the Eichrom method
- Does not have the possibility of lead-210 interference
- Does not require a method blank population correction
- Was validated with no exceptions at concentrations below, at, and above the Sr-90 action level.

Sincerely,

Lisa Bercik, PE
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References:

Aptim Federal Services, LLC, 2020, *Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California*, July.

CH2M Hill, Inc., 2019, *Final Parcel G Removal Site Evaluation Work Plan, Former Hunters Point Naval Shipyard, San Francisco, California*, July.

Department of Defense. 2021. Quality Systems Manual for Environmental Laboratories. Version 5.4.

The NELAC Institute (TNI) Standards, 2009, *Volume 1: Management and Technical Requirements for Laboratories Performing Environmental Analysis*, September.

U.S. Environmental Protection Agency, U.S. Department of Defense, U.S. Department of Energy, U.S. Department of Homeland Security, U.S. Nuclear Regulatory Commission, U.S. Food and Drug Administration, U.S. Geological Survey, National Institute of Standards and Technology, 2004, *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*, Part I: Chapters 1-9, Appendices A-E (Volume I), NUREG-1576, EPA 402-B-04-001A, NTIS PB2004-105421.

Attachments:

Attachment 1: Laboratory Analytical Results

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Attachment 1
Laboratory Analytical Results

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eurofins | Environment Testing

1 2 3 4 5 6 7 8 9

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

HPNS Parcel G Sr-90 Validation Study

JOB NUMBER

160-46757-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

Eurofins St. Louis

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. Pursuant to NELAP, this report shall not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. All questions regarding this report should be directed to the Eurofins TestAmerica Project Manager.

Louisiana Lab Certification ID (Non-Potable, Solid/Haz. Material): 106151
Florida Lab Certification ID (Drinking Water): E87689.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

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MARLAP Method Validation Study Summary
(Sr-90 "14-day" ingrowth)

Eurofins TestAmerica performed a method validation study for Sr-90 by Eichrom using MARLAP validation level C type criteria for recovery of the spike.

MARLAP Level C
- Use MAPEP 38 as matrix
    - Known "analyte-free" for Strontium 90
- Study samples were spiked at 3 nominal activity levels
    - ~0.166 pCi/g (1/2 action level)
    - ~0.331 pCi/g (action level)
    - ~0.993 pCi/g (3 x action level)
- 5 replicate samples of each level (15 samples total)
- 1 set (5 replicate samples) matrix blank
- 1 set (5 replicate samples) method blank (Deionized Water)

TABLE 6.1 — Tiered project method validation approach

Validation Level	Application	Sample Type*	Acceptance Criteria§	Levels † (Concentrations)	Replicates	No. of Analyses
C	Similar Matrix/New Application	Internal or External PT	Measured Value Within ±2.9 u_{MR} or ± 2.9φ_{MR} of Known Value	3	5	15

μ_{MR} - the required absolute method uncertainty for analyte concentrations at or below the action level. For this validation study, μ_{MR} is defined as 10% of the action limit (0.0331).
φ_{MR} - the required relative method uncertainty for analyte concentrations above the action level. For this validation study, φ_{MR} is defined as 10% of the observed activity and applies to spike level 3 only.

The samples in this study were analyzed for Sr-90, holding the strontium fraction in a centrifuge tube after eluting the fraction from the resin for a 14-day ingrowth before loading back through a clean resin cartridge.
Evaluation of Sr-90 after 14-day ingrowth (results included on following pages):

- Method and Matrix Blanks
    - While the Sudent's T is just below the critical value, the method blank does appear to exhibit a relatively significant high bias for a low action limit (project remediation goal, PRG). This has been seen in 2 separate preparation runs. To account for this bias in project samples, the laboratory proposes a method blank population correction to results, as outlined in the QSM and TNI standard documents. Typically, a minimum of 20 method blanks would be utilized to determine the average bias concentration. However, only 5 are available from this study, with an average of 0.0845 pCi/g. This value was applied for study purposes.

    - While there may be a slight high bias in the Matrix Blank after applying the method blank population correction, such a bias was not detected by the Student's T.
- Activity Levels (Concentrations)
    - Using method blank population subtraction in the activity calculation, all 3 spike levels meet the MARLAP criteria set out (within $\pm 2.9u_{MR}$ $\pm 2.9\varphi_{MR}$ of known value) except one replicate at Level 2.
    - There is no relative bias detected in the blank population corrected results at spike levels 1 (0.164 pCi/g) and 2 (0.331 pCi/g) based upon Student's T. However, there does appear to be a high bias at all 3 levels. Level 2 would be the most important level evaluated, as this is the PRG. High biased results would result in detection decisions that are conservative from a Health & Safety standpoint. The client will need to determine if this is acceptable for project needs.
    - There is a high bias detected by the Student's T at spike level 3.
- Detection capability and uncertainty
    - The critical value (DLC) is approximately 20-25% of the action limit (0.331 pC/g). This is 2-2.5 times higher than seen from the Total Beta Strontium method, due to decay of the Y-90 between final separation and counting as well as only one beta emission for every decay (there are up to 2 beta emissions for every decay in a 14-day ingrowth Total Beta Strontium analysis). The critical value at approximately 1/4th of the PRG still gives a safety factor for determining if analyte is present at the action limit. The client will need to determine if this is acceptable for project needs.
    - The total propagated uncertainty (TPU) is 2-2.5 times higher than seen from the Total Beta Strontium method for the reasons described above. While the TPU (1-sigma) is less than 10% at the 1 pCi/g activity level, it is greater than 10% at the PRG. The client will need to determine if this is acceptable for project needs.
- For Sr-90, the Study shows
    - Chemical yields are generally in the 70%-85% range, which is what we have historically seen for this method and are good for any method.
    - Given that the MAPEP soil used for this study also contained a relatively significant amount of man-made beta emitters along with naturally-occurring isotopes, we can suggest that the method is analyte-specific and rugged in relation to other possible sample constituents and interferences.
    - The DLC and TPU may be higher than desirable at the PRG – the client will need to determine if they will satisfy project objectives.
    - The data indicates the Eichrom method for Sr-90 soil analysis at the 2.5 gram aliquot using SOP ST-RC-0058 meet the MARLAP acceptance criteria in Table 6.1 (above), with the exception of one replicate. Further, while Student's T at Spike Levels 1 & 2 did not detect a relative bias, there does appear to be somewhat of a high bias present. The client will need to determine if the high bias seen is acceptable for project needs. Note that detection decisions at the PRG would be conservative.

Eichrom Validation Study

Sr-90

"14-day ingrowth"

Method Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal	DLC	Z-Score[2]
579599	160-46757-A-1-A	9/14/2022 18:12	Sr-90	81.0%	0.0823	0.0305	0.0613	2.693
579599	160-46757-A-2-A	9/14/2022 18:12	Sr-90	79.0%	0.0508	0.0341	0.0739	1.489
579599	160-46757-A-3-A	9/14/2022 18:12	Sr-90	82.0%	0.0768	0.0297	0.0599	2.584
579599	160-46757-A-4-A	9/14/2022 18:16	Sr-90	83.0%	0.1861	0.0342	0.0570	5.446
579599	160-46757-A-5-A	9/14/2022 18:17	Sr-90	79.0%	0.0267	0.0263	0.0577	1.014
				Avg:[4]	0.0845			
				StDev:[4]	0.0610			
				|T|:[4]	2.7717	(No absolute bias detected for method)		
				v_{eff}:[4]	4			
				Critical Value for |T|:[4]	2.776			

Matrix Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity[6]	UncTotal	DLC	Z-Score[2]
579599	160-46757-A-6-A	9/14/2022 18:17	Sr-90	70.2%	-0.0656	0.0350	0.0793	-1.873
579599	160-46757-A-7-A	9/14/2022 18:17	Sr-90	68.2%	0.0985	0.0447	0.0861	2.204
579599	160-46757-A-8-A	9/14/2022 18:17	Sr-90	75.0%	0.0655	0.0421	0.0842	1.554
579599	160-46757-A-9-A	9/14/2022 18:17	Sr-90	77.0%	0.0690	0.0362	0.0675	1.906
579599	160-46757-A-10-A	9/14/2022 18:17	Sr-90	78.9%	-0.0071	0.0345	0.0724	-0.206
				Avg:[4]	0.0320			
				StDev:[4]	0.0670			
				|T|:[4]	0.9565	(No relative bias detected in matrix blank)		
				v_{eff}:[4]	4			
				Critical Value for |T|:[4]	2.776			

Spike Level 1

Nominal Spike value = 0.164 pCi/g on 09/14/2022; uMR = 0.0331

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity[6]	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	<2.9μ_{MR}	%Rec[3]
579599	160-46757-A-11-A	9/14/2022 18:18	Sr-90	63.3%	0.2377	0.0510	0.0852	0.06801	0.2600	Yes	145%
579599	160-46757-A-12-A	9/14/2022 18:18	Sr-90	71.1%	0.1669	0.0465	0.0844	0.06801	0.2600	Yes	102%
579599	160-46757-A-13-A	9/14/2022 18:18	Sr-90	72.1%	0.2292	0.0486	0.0832	0.06801	0.2600	Yes	140%
579599	160-46757-A-14-A	9/14/2022 18:18	Sr-90	79.9%	0.1889	0.0445	0.0786	0.06801	0.2600	Yes	115%
579599	160-46757-A-15-A	9/14/2022 18:18	Sr-90	76.0%	0.1450	0.0423	0.0759	0.06801	0.2600	Yes	88%
				Avg:[4]	0.1935						118%
				StDev:[4]	0.0397						
				|T|:[4,5]	1.871	(No relative bias detected)					
				v_{eff}:[4,5]	4.307						
				Critical Value for |T|:[4]	2.776						

Nominal Spike Value (pCi/g): 0.164
Ref Date: 9/14/2022
u_{MR}: 0.0331

Spike Level 2

Nominal Spike value = 0.331 pCi/g on 09/14/2022; uMR = 0.0331

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity[6]	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	<2.9μ_{MR}	%Rec[3]
579599	160-46757-A-16-A	9/14/2022 18:20	Sr-90	72.1%	0.3630	0.0535	0.0813	0.2350	0.4270	Yes	110%
579599	160-46757-A-17-A	9/14/2022 18:20	Sr-90	77.0%	0.3077	0.0480	0.0733	0.2350	0.4270	Yes	93%
579599	160-46757-A-18-A	9/14/2022 18:20	Sr-90	69.2%	0.3754	0.0539	0.0786	0.2350	0.4270	Yes	113%
579599	160-46757-A-19-A	9/14/2022 18:20	Sr-90	79.9%	0.4615	0.0526	0.0693	0.2350	0.4270	No	139%
579599	160-46757-A-20-A	9/14/2022 18:20	Sr-90	71.8%	0.3074	0.0520	0.0836	0.2350	0.4270	Yes	93%
Nominal Spike Value (pCi/g):	0.331			Avg:[4]	0.3630						110%
Ref Date:	9/14/2022			StDev:[4]	0.0632						
u_{MR}:	0.0331			|T|:[4,5]	1.236	(No relative bias detected)					
φ_{MR}:	10%			v_{eff}:[4,5]	4.493						
				Critical Value for |T|:[4]	2.776						

Spike Level 3

Nominal Spike value = 0.991 pCi/g on 8/1/2022; ϕ_{MR} = 10%

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity[6]	UncTotal	DLC	Acceptance Range Low	Acceptance Range High	<2.9ϕ_{MR}	%Rec[3]
579599	160-46757-A-21-A	9/14/2022 18:20	Sr-90	74.1%	1.1234	0.0829	0.0750	0.7036	1.278	Yes	113%
579599	160-46757-A-22-A	9/14/2022 18:20	Sr-90	74.1%	1.2163	0.0863	0.0726	0.7036	1.278	Yes	123%
579599	160-46757-A-23-A	9/14/2022 18:20	Sr-90	76.0%	1.1156	0.0832	0.0796	0.7036	1.278	Yes	113%
579599	160-46757-A-24-A	9/14/2022 18:15	Sr-90	77.0%	1.0260	0.0818	0.0917	0.7036	1.278	Yes	104%
579599	160-46757-A-25-A	9/14/2022 18:15	Sr-90	67.2%	1.1485	0.0871	0.0813	0.7036	1.278	Yes	116%
Nominal Spike Value (pCi/g):	0.991			Avg:[4]	1.1260						114%
Ref Date:	9/14/2022			StDev:[4]	0.0685						
φ_{MR}:	10%			|T|:[4,5]	3.423	(Relative bias detected)					
				v_{eff}:[4,5]	7.765						
				Critical Value for |T|:[4]	2.365						

Notes:

1 - Yield corresponds to the carrier recovery (chemical yield) of the process

2 - Z-Score provided for information only

3 - %Rec corresponds to the spike recovery and is provided for information only (not a MARLAP validation criteria)

4 - Avg, StDev, Students T value (|T|), v_{eff}, and Critical Value for |T| calculated from results per MARLAP Appendix 6A

5 - The uncertainty value utilized for the standard/spike is 0.03 (3%)

6 - Results for Matrix Blank and Spike Levels 1-3 are corrected using the average value from the Method Blank to adjust for MB bias.

Case Narrative

Job ID: 160-46757-1

Laboratory: Eurofins St. Louis

Narrative

Job Narrative
160-46757-1
Method Validation Study- Strontium 90 by Eichrom

Receipt
NA- Samples are part of a method validation study

Revision 1- This data package has been revised to update the expected strontium carrier value from 0.0092 g to 0.010 g. After evaluation of the data/study results and discussion with the analyst(s), it is apparent the reagent “Sr Carrier_00083” used for the preparation of the samples in this job was not standardized to minimize loss during preparation, leading to a high bias to the carrier yield values and thus a low bias to the Strontium 90 results in the original report. A CAR will be provided.

RAD
Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Qualifiers

Rad

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Method	Method Description	Protocol	Laboratory
ST-RC-0058	Strontium-90 by GFPC (Extraction Chromatography)	TAL-STL	EET SL
ExtChrom	Preparation, Extraction Chromatography Resin, Strontium	None	EET SL

Protocol References:

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-46757-1	DI Method Blank 1	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-2	DI Method Blank 2	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-3	DI Method Blank 3	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-4	DI Method Blank 4	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-5	DI Method Blank 5	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-6	Matrix Blank 1	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-7	Matrix Blank 2	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-8	Matrix Blank 3	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-9	Matrix Blank 4	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-10	Matrix Blank 5	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-11	Spike Level 1-1	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-12	Spike Level 1- 2	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-13	Spike Level 1- 3	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-14	Spike Level 1- 4	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-15	Spike Level 1- 5	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-16	Spike Level 2- 1	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-17	Spike Level 2- 2	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-18	Spike Level 2- 3	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-19	Spike Level 2- 4	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-20	Spike Level 2- 5	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-21	Spike Level 3- 1	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-22	Spike Level 3- 2	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-23	Spike Level 3- 3	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-24	Spike Level 3- 4	Solid	06/28/22 08:00	08/24/22 23:31
160-46757-25	Spike Level 3- 5	Solid	06/28/22 08:00	08/24/22 23:31

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: DI Method Blank 1
Lab Sample ID: 160-46757-1
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0823		0.0607	0.0611	0.331	0.0613	pCi/g	08/26/22 10:34	09/14/22 18:12	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	81.0		40 - 110	08/26/22 10:34	09/14/22 18:12	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:12	1

Client Sample ID: DI Method Blank 2
Lab Sample ID: 160-46757-2
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0508	U	0.0680	0.0682	0.331	0.0739	pCi/g	08/26/22 10:34	09/14/22 18:12	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.0		40 - 110	08/26/22 10:34	09/14/22 18:12	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:12	1

Client Sample ID: DI Method Blank 3
Lab Sample ID: 160-46757-3
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0768		0.0591	0.0594	0.331	0.0599	pCi/g	08/26/22 10:34	09/14/22 18:12	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	82.0		40 - 110	08/26/22 10:34	09/14/22 18:12	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:12	1

Client Sample ID: DI Method Blank 4
Lab Sample ID: 160-46757-4
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.186		0.0666	0.0684	0.331	0.0570	pCi/g	08/26/22 10:34	09/14/22 18:16	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	83.0		40 - 110	08/26/22 10:34	09/14/22 18:16	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:16	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: DI Method Blank 5
Lab Sample ID: 160-46757-5
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0267	U	0.0526	0.0526	0.331	0.0577	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*79.0*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*
Y Carrier	*100*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*

Client Sample ID: Matrix Blank 1
Lab Sample ID: 160-46757-6
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.0656	U	0.0698	0.0700	0.331	0.0793	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*70.2*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*
Y Carrier	*100*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*

Client Sample ID: Matrix Blank 2
Lab Sample ID: 160-46757-7
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	**0.0985**		0.0890	0.0894	0.331	0.0861	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*68.2*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*
Y Carrier	*100*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*

Client Sample ID: Matrix Blank 3
Lab Sample ID: 160-46757-8
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0655	U	0.0841	0.0843	0.331	0.0842	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*75.0*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*
Y Carrier	*100*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:17*	*1*

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: Matrix Blank 4
Lab Sample ID: 160-46757-9
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0690		0.0722	0.0724	0.331	0.0675	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		40 - 110	08/26/22 10:34	09/14/22 18:17	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:17	1

Client Sample ID: Matrix Blank 5
Lab Sample ID: 160-46757-10
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.00712	U	0.0690	0.0690	0.331	0.0724	pCi/g	08/26/22 10:34	09/14/22 18:17	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	78.9		40 - 110	08/26/22 10:34	09/14/22 18:17	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:17	1

Client Sample ID: Spike Level 1-1
Lab Sample ID: 160-46757-11
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.238		0.100	0.102	0.331	0.0852	pCi/g	08/26/22 10:34	09/14/22 18:18	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	63.3		40 - 110	08/26/22 10:34	09/14/22 18:18	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:18	1

Client Sample ID: Spike Level 1- 2
Lab Sample ID: 160-46757-12
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.167		0.0919	0.0929	0.331	0.0844	pCi/g	08/26/22 10:34	09/14/22 18:18	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	71.1		40 - 110	08/26/22 10:34	09/14/22 18:18	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:18	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: Spike Level 1- 3
Lab Sample ID: 160-46757-13
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.229		0.0953	0.0971	0.331	0.0832	pCi/g	08/26/22 10:34	09/14/22 18:18	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.1		40 - 110	08/26/22 10:34	09/14/22 18:18	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:18	1

Client Sample ID: Spike Level 1- 4
Lab Sample ID: 160-46757-14
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.189		0.0876	0.0890	0.331	0.0786	pCi/g	08/26/22 10:34	09/14/22 18:18	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		40 - 110	08/26/22 10:34	09/14/22 18:18	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:18	1

Client Sample ID: Spike Level 1- 5
Lab Sample ID: 160-46757-15
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.145		0.0837	0.0845	0.331	0.0759	pCi/g	08/26/22 10:34	09/14/22 18:18	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.0		40 - 110	08/26/22 10:34	09/14/22 18:18	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:18	1

Client Sample ID: Spike Level 2- 1
Lab Sample ID: 160-46757-16
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.363		0.103	0.107	0.331	0.0813	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.1		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: Spike Level 2- 2
Lab Sample ID: 160-46757-17
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.308		0.0927	0.0960	0.331	0.0733	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 2- 3
Lab Sample ID: 160-46757-18
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.375		0.103	0.108	0.331	0.0786	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	69.2		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 2- 4
Lab Sample ID: 160-46757-19
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.461		0.0982	0.105	0.331	0.0693	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 2- 5
Lab Sample ID: 160-46757-20
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.307		0.101	0.104	0.331	0.0836	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	71.8		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: Spike Level 3- 1
Lab Sample ID: 160-46757-21
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	1.12		0.138	0.166	0.331	0.0750	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.1		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 3- 2
Lab Sample ID: 160-46757-22
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	1.22		0.141	0.173	0.331	0.0726	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.1		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 3- 3
Lab Sample ID: 160-46757-23
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	1.12		0.139	0.166	0.331	0.0796	pCi/g	08/26/22 10:34	09/14/22 18:20	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.0		40 - 110	08/26/22 10:34	09/14/22 18:20	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:20	1

Client Sample ID: Spike Level 3- 4
Lab Sample ID: 160-46757-24
Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	1.03		0.140	0.164	0.331	0.0917	pCi/g	08/26/22 10:34	09/14/22 18:15	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		40 - 110	08/26/22 10:34	09/14/22 18:15	1
Y Carrier	100		40 - 110	08/26/22 10:34	09/14/22 18:15	1

Client Sample Results

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Client Sample ID: Spike Level 3- 5
Lab Sample ID: 160-46757-25

Date Collected: 06/28/22 08:00
Matrix: Solid
Date Received: 08/24/22 23:31

Method: TAL-STL ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	1.15		0.147	0.174	0.331	0.0813	pCi/g	08/26/22 10:34	09/14/22 18:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*67.2*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:15*	*1*
Y Carrier	*100*		*40 - 110*	*08/26/22 10:34*	*09/14/22 18:15*	*1*

QC Association Summary

Attachment 1

Client: Aptim Federal Services LLC
Project/Site: HPNS Parcel G Sr-90 Validation Study

Job ID: 160-46757-1

Rad

Prep Batch: 579599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-46757-1	DI Method Blank 1	Total/NA	Solid	ExtChrom	
160-46757-2	DI Method Blank 2	Total/NA	Solid	ExtChrom	
160-46757-3	DI Method Blank 3	Total/NA	Solid	ExtChrom	
160-46757-4	DI Method Blank 4	Total/NA	Solid	ExtChrom	
160-46757-5	DI Method Blank 5	Total/NA	Solid	ExtChrom	
160-46757-6	Matrix Blank 1	Total/NA	Solid	ExtChrom	
160-46757-7	Matrix Blank 2	Total/NA	Solid	ExtChrom	
160-46757-8	Matrix Blank 3	Total/NA	Solid	ExtChrom	
160-46757-9	Matrix Blank 4	Total/NA	Solid	ExtChrom	
160-46757-10	Matrix Blank 5	Total/NA	Solid	ExtChrom	
160-46757-11	Spike Level 1-1	Total/NA	Solid	ExtChrom	
160-46757-12	Spike Level 1- 2	Total/NA	Solid	ExtChrom	
160-46757-13	Spike Level 1- 3	Total/NA	Solid	ExtChrom	
160-46757-14	Spike Level 1- 4	Total/NA	Solid	ExtChrom	
160-46757-15	Spike Level 1- 5	Total/NA	Solid	ExtChrom	
160-46757-16	Spike Level 2- 1	Total/NA	Solid	ExtChrom	
160-46757-17	Spike Level 2- 2	Total/NA	Solid	ExtChrom	
160-46757-18	Spike Level 2- 3	Total/NA	Solid	ExtChrom	
160-46757-19	Spike Level 2- 4	Total/NA	Solid	ExtChrom	
160-46757-20	Spike Level 2- 5	Total/NA	Solid	ExtChrom	
160-46757-21	Spike Level 3- 1	Total/NA	Solid	ExtChrom	
160-46757-22	Spike Level 3- 2	Total/NA	Solid	ExtChrom	
160-46757-23	Spike Level 3- 3	Total/NA	Solid	ExtChrom	
160-46757-24	Spike Level 3- 4	Total/NA	Solid	ExtChrom	
160-46757-25	Spike Level 3- 5	Total/NA	Solid	ExtChrom	

Tracer/Carrier Summary

Attachment 1

Client: Aptim Federal Services LLC
Job ID: 160-46757-1
Project/Site: HPNS Parcel G Sr-90 Validation Study

Method: ST-RC-0058 - Strontium-90 by GFPC (Extraction Chromatography)

Matrix: Solid **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	Client Sample ID	Sr (40-110)	Y (40-110)						
160-46757-1	DI Method Blank 1	81.0	100						
160-46757-2	DI Method Blank 2	79.0	100						
160-46757-3	DI Method Blank 3	82.0	100						
160-46757-4	DI Method Blank 4	83.0	100						
160-46757-5	DI Method Blank 5	79.0	100						
160-46757-6	Matrix Blank 1	70.2	100						
160-46757-7	Matrix Blank 2	68.2	100						
160-46757-8	Matrix Blank 3	75.0	100						
160-46757-9	Matrix Blank 4	77.0	100						
160-46757-10	Matrix Blank 5	78.9	100						
160-46757-11	Spike Level 1-1	63.3	100						
160-46757-12	Spike Level 1- 2	71.1	100						
160-46757-13	Spike Level 1- 3	72.1	100						
160-46757-14	Spike Level 1- 4	79.9	100						
160-46757-15	Spike Level 1- 5	76.0	100						
160-46757-16	Spike Level 2- 1	72.1	100						
160-46757-17	Spike Level 2- 2	77.0	100						
160-46757-18	Spike Level 2- 3	69.2	100						
160-46757-19	Spike Level 2- 4	79.9	100						
160-46757-20	Spike Level 2- 5	71.8	100						
160-46757-21	Spike Level 3- 1	74.1	100						
160-46757-22	Spike Level 3- 2	74.1	100						
160-46757-23	Spike Level 3- 3	76.0	100						
160-46757-24	Spike Level 3- 4	77.0	100						
160-46757-25	Spike Level 3- 5	67.2	100						

Tracer/Carrier Legend

Sr = Sr Carrier
Y = Y Carrier

APPENDIX D
BLIND PERFORMANCE EVALUATION SAMPLE RESULTS FOR TOTAL BETA STRONTIUM ANALYSIS BY EUROFINS-TESTAMERICA STANDARD OPERATING PROCEDURE NO. ST RC-0058, "SAMPLE PREPARATION FOR STRONTIUM-89, STRONTIUM-90 AND TOTAL STRONTIUM USING EXTRACTION CHROMATOGRAPHY" (EICHROM METHOD)
(DCN: APTM-0006-5065-0125 | DATED: APRIL 03, 2024)

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April 03, 2024 DCN: APTM-0006-5065-0125

Mr. Brian Londquist
Remedial Project Manager
Navy Base Realignment and Closure Program Management Office West
33000 Nixie Way, Building 50
San Diego, California 92147

Contract: **N62473-17-D-0006, N6247318F5065, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California**

Subject: **Blind Performance Evaluation Sample Results for Total Beta Strontium Analysis by Eurofins-TestAmerica Standard Operating Procedure No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom Method)**

Dear Mr. Londquist:

Aptim Federal Services, LLC (APTIM) is pleased to present the performance evaluation (PE) sample results for total beta strontium (TBS) analysis using Eurofins-TestAmerica Standard Operating Procedure No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom method). The analysis was performed by APTIM's subcontracted laboratory, Eurofins-TestAmerica, located in St. Louis, Missouri.

This letter report provides a summary of the PE sample study objective, background, methods, results, and conclusions. Attachments 1, 2, and 3 include the laboratory analytical results, comparison of analytical laboratory results to Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)-style Eichrom method validation study acceptance criterion, and results of the proficiency test program as prepared by Eckert & Siegler Analytics (EZA), respectively.

Abstract:

This study was performed to verify that the Eichrom method accurately measures low concentration of TBS through analysis of PE samples prepared by a third party (EZA) at concentrations unknown to the laboratory and to the U.S. Department of the Navy (Navy) (blind study). The Navy procured five PE samples prepared by EZA. EZA prepared the PE samples at concentrations within the same order of magnitude as the former Hunters Point Naval Shipyard Parcel G Sr-90 remedial goal (RG) (0.331 picocuries per gram [pCi/g]); however, the exact concentrations were unknown to both the analytical laboratory and the Navy until after analysis. The laboratory analyzed the PE samples for TBS using the Eichrom

method and the MARLAP-style Eichrom method validation study acceptance criterion was applied to this blind PE sample study. The acceptance criterion is that the measured values must be within ±2.9φ_{MR} (relative method uncertainty) of the known spiked values. The analytical data from the PE samples indicate that the Eichrom method passes the MARLAP-style Eichrom method validation criterion (U.S. Environmental Protection Agency [EPA] et al, 2004) for the PE samples and that the Eichrom method accurately measures low concentrations of TBS in the range of the Sr-90 RG.

Objective:

The objective of this study was to verify that the Eichrom method accurately measures low concentrations of TBS through analysis of PE samples prepared by a third party (EZA) at concentrations unknown to the laboratory and to the Navy (blind study).

Background:

The radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, experienced challenges identifying the appropriate analytical method for Sr-90 and TBS. Parcel G has a low RG for Sr-90 (0.331 pCi/g), and it has been difficult to identify a method capable of providing low enough decision level concentrations and total propagated uncertainties to reliably and accurately provide meaningful results for project decisions.

The Navy performed validation studies for Sr-90 and TBS analysis using the Eichrom method. As an extra quality control step, the regulatory agencies requested the laboratory perform a blind study. This PE sample study is included in a field change request (FCR) (FCR-008; APTIM, 2023), which states that MARLAP-style Eichrom method validation study acceptance criterion will be applied to the blind PE sample study.

Methods:

FCR-008 (APTIM, 2023) describes the PE sample blind study approach. The Navy consulted with the regulatory agencies 1) in a meeting held on July 19, 2023, and 2) through regulatory agency review and comment resolution of FCR-008, to discuss and establish the number of PE samples, PE sample concentration ranges, and acceptance criteria prior to beginning the PE sample analysis.

Per FCR-008 (APTIM, 2023), the Navy procured five PE samples prepared by EZA. EZA prepared the PE samples at concentrations within the same order of magnitude as the Sr-90 RG (0.331 pCi/g); however, the exact concentrations were unknown to both the analytical laboratory and the Navy until after analysis. The laboratory analyzed the PE samples for TBS using the Eichrom method and the MARLAP-style Eichrom method validation study acceptance criterion was applied to this blind PE sample study.

The acceptance criteria are stipulated in MARLAP Table 6.1 (EPA et al, 2004), and were previously reviewed with the regulatory agencies in two meetings held on June 23, 2022, and July 14, 2022. The acceptance criterion is that the measured values must be within ±2.9φ_{MR} (relative method uncertainty) of the known spiked values. φ_{MR} is the required relative method uncertainty for analyte concentrations above the action level. During the June 23, 2022,

meeting between the Navy and the regulatory agencies, the laboratory proposed using 10 percent as the method uncertainty based on professional judgement and consistency with other similar projects. φ_{MR} was set at 10 percent of the spiked concentration.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (the Student's t-test) (EPA et al, 2004), the PE sample results were evaluated for bias. Bias in the measurements is indicated if the absolute value of the t-test statistic (|T|) is greater than the critical value for |T|.

Results:

Attachment 1 includes the laboratory report and provides the laboratory results for the PE samples for TBS.

Table 1 summarizes the PE sample number, known EZA sample concentration, laboratory detected concentration, φ_{MR}, acceptance criterion ($2.9\varphi_{MR}$), acceptable concentration ranges, and pass/fail result. As shown in Table 1 and Attachments 1 and 2, the method was successfully validated for the PE samples.

Table 1: PE Sample Results for Total Beta Strontium

Laboratory Sample No.	Known EZA Sample Concentration (pCi/g)	Laboratory Detected Concentration (pCi/g)	φ_{MR}	$2.9\varphi_{MR}$	Acceptable Range* ($\pm 2.9\varphi_{MR}$)	Pass/Fail
160-52458-A-1-A	0.489	0.4812	0.0489	0.142	0.347-0.631	Pass
160-52458-A-2-A	0.514	0.4214	0.0514	0.149	0.365-0.663	Pass
160-52458-A-3-A	0.502	0.3911	0.0502	0.146	0.356-0.648	Pass
160-52458-A-4-A	0.496	0.4238	0.0496	0.144	0.352-0.640	Pass
160-52458-A-5-A	0.498	0.4797	0.0498	0.144	0.354-0.642	Pass

* Acceptable range is determined by the spike level concentration $\pm 2.9 * \varphi_{MR}$.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the method blank results (Attachment 2). Results of the Student's t-test did not detect a bias.

The laboratory analytical results were submitted to EZA for review. The results of EZA's review are provided in Attachment 3. EZA's results are based on EZA-established standard criteria for PE comparison.

Conclusion:

The data indicate that the Eichrom method passes the MARLAP-style Eichrom method validation study acceptance criterion (EPA et al, 2004) for the PE samples and that the Eichrom method accurately measures low concentrations of TBS in the range of the Sr-90 RG.

Sincerely,

Lisa Bercik, PE
Project Manager
Remediation and Technical Solutions

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References:

Aptim Federal Services, LLC, 2023, *Field Change Request 008 for Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California*, October.

U.S. Environmental Protection Agency, U.S. Department of Defense, U.S. Department of Energy, U.S. Department of Homeland Security, U.S. Nuclear Regulatory Commission, U.S. Food and Drug Administration, U.S. Geological Survey, National Institute of Standards and Technology, 2004, *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*, Part I: Chapters 1-9, Appendices A-E (Volume I), NUREG-1576, EPA 402-B-04-001A, NTIS PB2004-105421.

Attachments:

Attachment 1: Laboratory Analytical Results

Attachment 2: Comparison of Analytical Laboratory Results to Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)-style Eichrom Method Validation Study Acceptance Criterion

Attachment 3: Results of Proficiency Test Program, Eckert & Ziegler Analytics

Attachment 1
Laboratory Analytical Results

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eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12

ANALYTICAL REPORT

PREPARED FOR

Attn: Rose Condit
Aptim Federal Services LLC
4005 Port Chicago Hwy, Suite 200
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Generated 1/4/2024 4:53:32 PM

JOB DESCRIPTION

HPNS-Parcel G 501197
ANA-007463

JOB NUMBER

160-52458-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

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Case Narrative

Client: Aptim Federal Services LLC
Project: HPNS-Parcel G 501197

Job ID: 160-52458-1

Job ID: 160-52458-1 **Eurofins St. Louis**

CASE NARRATIVE

Client: Aptim Federal Services LLC

Project: HPNS-Parcel G 501197

Report Number: 160-52458-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

Receipt
The samples were received on 12/6/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperature of the cooler at receipt time was 18.0°C

Method ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)
Samples PT-SR0-SO1_P10357 (52458-1), PT-SR0-SO1_P10358 (52458-2), PT-SR0-SO1_P10359 (52458-3), PT-SR0-SO1_P10360 (52458-4) and PT-SR0-SO1_P10361 (52458-5) were analyzed for Total Beta Strontium by GFPC (Extraction Chromatography). The samples were prepared on 12/12/2023 and analyzed on 12/29/2023.

Total Beta Strontium Prep Batch 160-640420
Insufficient sample volume was available to perform a sample duplicate for the following samples: PT-SR0-SO1_P10357 (160-52458-1), PT-SR0-SO1_P10358 (160-52458-2), PT-SR0-SO1_P10359 (160-52458-3), PT-SR0-SO1_P10360 (160-52458-4) and PT-SR0-SO1_P10361 (160-52458-5). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

No analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1 2 3 4 5 6 7 8 9 10 11 12

J 52458

Eckert & Ziegler

Eckert & Ziegler Analytics - 1380 Seaboard Industrial Boulevard -Atlanta, Georgia 30318-United States

Rec- 12/6/2023
Jayna Arnalt
12/6/23 13:56

Packing slip

Number	**ANA-007463**
Delivery date	04 Dec 2023
Page	1 of 2
Your customer no.	1389 - 1389
Your order	
Reference	RUMBAOA18OCT23

Invoice address
APTIM
1200 Brickyard Lane, Suite 202
Baton Rouge, Louisiana 70802
United States

Contact	Rose Condit
Telephone	925-288-2151
Fax	
Email	rose.condit@aptim.com
Sales order	CO-058130

Terms of delivery	**FCA - Free Carrier**
Place of delivery	**Destination - prepaid/added**
Mode of delivery	**Air - FedEx 2nd Day**
Tracking number	**FedEx 6862 6884 3362**
Shipping carrier	

Delivery address
Test America Laboratories- St. Louis
13715 Rider Trail North
Earth City, Missouri 63045
United States

Rhonda.Ridenhower@ET.EurofinsU
ATTN: Rhonda Ridenhower

160-52458 Chain of Custody

Handling license
Shipping instructions: ATTN: Terry Romanko - Terry.Romanko@et.eurofinsus.com

Line no.	Item number / Description	Unit	Delivered	Ordered
1	PT-SR0-SOI Sr-90 2.5 grams fill in EZA supplied vial, ~1.5-1.6 g/cc sieved Macon soil matrix, Cross Check Sample	ea P.O. Line No.:1	1.00	1.00
	Quantity : 1.00 Site : ATL1 Warehouse : MainA1 Serial number : P10357			
2	PT-SR0-SOI Sr-90 2.5 grams fill in EZA supplied vial, ~1.5-1.6 g/cc sieved Macon soil matrix, Cross Check Sample	ea P.O. Line No.:1	1.00	1.00
	Quantity : 1.00 Site : ATL1 Warehouse : MainA1 Serial number : P10358			
3	PT-SR0-SOI	ea	1.00	1.00

Eckert & Ziegler

Packing slip

Number	**ANA-007463**
Delivery date	04 Dec 2023
Page	2 of 2
Your customer no.	1389 - 1389
Your order Reference	RUMBAOA18OCT23

Line no.	Item number Description	Unit	Delivered	Ordered
	Sr-90 2.5 grams fill in EZA supplied vial, ~1.5-1.6 g/cc sieved Macon soil matrix, Cross Check Sample	P.O. Line No.:1		
	Quantity : 1.00 Site : ATL1 Warehouse : MainA1 Serial number : P10359			
4	PT-SR0-SOI Sr-90 2.5 grams fill in EZA supplied vial, ~1.5-1.6 g/cc sieved Macon soil matrix, Cross Check Sample	ea P.O. Line No.:1	1.00	1.00
	Quantity : 1.00 Site : ATL1 Warehouse : MainA1 Serial number : P10360			
5	PT-SR0-SOI Sr-90 2.5 grams fill in EZA supplied vial, ~1.5-1.6 g/cc sieved Macon soil matrix, Cross Check Sample	ea P.O. Line No.:1	1.00	1.00
	Quantity : 1.00 Site : ATL1 Warehouse : MainA1 Serial number : P10361			

Receipt : _____

Remit to:
Eckert & Ziegler Analytics
24937 Avenue Tibbitts
Valencia, CA 91355

FEIN# 58-1406082
DUNS# 02-995-1092

Federal Tax Id
58-1406082

Bank Account
USD Remittance:
Eckert & Ziegler Analytics
Comerica Bank – California
601 S. Figueroa Street 12th floor
Los Angeles, CA 90017
Account# 189 284 8282
Routing# 121137522
SWIFT# MNBDUS33

International Bank Transfer
EUR Remittance:
US Bank
445 South Figueroa Street 20th Floor
Los Angeles, CA 90071
Account# 300500489099
Routing# 122235821
SWIFT# USBKUS44IMT

Eckert & Ziegler
Analytics

1380 Seaboard Industrial Blvd.
Atlanta, Georgia 30318

Tel 404-352-8677
Fax 404-352-2837

www.ezag.com

Important Safety Information Regarding Radioactive Material.
Please Route to Company Safety Officer.

Dear Customer:

Thank you for your order from Eckert & Ziegler Analytics.

It is the policy of Eckert & Ziegler Analytics to include with your order the appropriate Safety Data Sheet (SDS) for any of our products that contain hazardous chemical substances.

However, please be aware that radioactive materials are not included in the GHS notification requirements of the Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard (29 CFR §1910.1200). Radioactive materials are also exempted/excluded from the notification requirements of the EU REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) and Canadian WHMIS (Workplace Hazardous Materials Information System) regulations. Additionally, sealed sources are considered "articles" under the Global Harmonized System and are exempted from GHS labeling and SDS classification criteria.

This does not minimize the hazards and control requirements associated with radioactive materials, which are subject to various state, federal and international regulations. Consult your Radiation Safety Officer for specific safety/handling requirements.

Sincerely,

Walter A. Levich
Managing Director
Radiation Safety Officer
Eckert & Ziegler Analytics

20-Jun-2023
Date

F-HP-21, Rev. 3, 20-Jun-23

Page 1 of 1

Login Sample Receipt Checklist

Client: Aptim Federal Services LLC

Job Number: 160-52458-1
SDG Number: ANA-007463

Login Number: 52458
List Number: 1
Creator: Ridenhower, Rhonda E

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Qualifiers

Rad

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Method	Method Description	Protocol	Laboratory
ST-RC-0058	Total Beta Strontium by GFPC (Extraction Chromatography)	TAL-STL	EET SL
ExtChrom	Preparation, Extraction Chromatography Resin, Strontium	None	EET SL

Protocol References:

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-52458-1	PT-SR0-SO1_P10357	Solid	12/04/23 09:00	12/06/23 09:00
160-52458-2	PT-SR0-SO1_P10358	Solid	12/04/23 09:00	12/06/23 09:00
160-52458-3	PT-SR0-SO1_P10359	Solid	12/04/23 09:00	12/06/23 09:00
160-52458-4	PT-SR0-SO1_P10360	Solid	12/04/23 09:00	12/06/23 09:00
160-52458-5	PT-SR0-SO1_P10361	Solid	12/04/23 09:00	12/06/23 09:00

Client Sample Results

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Client Sample ID: PT-SR0-SO1_P10357

Lab Sample ID: 160-52458-1
Date Collected: 12/04/23 09:00
Matrix: Solid
Date Received: 12/06/23 09:00

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.481		0.0551	0.0719	3.00	0.0233	pCi/g	12/12/23 11:08	12/29/23 08:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*87.8*		*30 - 110*	*12/12/23 11:08*	*12/29/23 08:02*	*1*

Client Sample ID: PT-SR0-SO1_P10358

Lab Sample ID: 160-52458-2
Date Collected: 12/04/23 09:00
Matrix: Solid
Date Received: 12/06/23 09:00

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.421		0.0506	0.0648	3.00	0.0200	pCi/g	12/12/23 11:08	12/29/23 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*87.0*		*30 - 110*	*12/12/23 11:08*	*12/29/23 07:57*	*1*

Client Sample ID: PT-SR0-SO1_P10359

Lab Sample ID: 160-52458-3
Date Collected: 12/04/23 09:00
Matrix: Solid
Date Received: 12/06/23 09:00

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.391		0.0497	0.0623	3.00	0.0195	pCi/g	12/12/23 11:08	12/29/23 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*84.6*		*30 - 110*	*12/12/23 11:08*	*12/29/23 07:57*	*1*

Client Sample ID: PT-SR0-SO1_P10360

Lab Sample ID: 160-52458-4
Date Collected: 12/04/23 09:00
Matrix: Solid
Date Received: 12/06/23 09:00

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.424		0.0503	0.0647	3.00	0.0193	pCi/g	12/12/23 11:08	12/29/23 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*87.8*		*30 - 110*	*12/12/23 11:08*	*12/29/23 07:57*	*1*

Client Sample Results

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Client Sample ID: PT-SR0-SO1_P10361

Lab Sample ID: 160-52458-5

Date Collected: 12/04/23 09:00
Matrix: Solid
Date Received: 12/06/23 09:00

Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.480**		0.0548	0.0716	3.00	0.0212	pCi/g	12/12/23 11:08	12/29/23 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*84.6*		*30 - 110*	*12/12/23 11:08*	*12/29/23 07:57*	*1*

QC Sample Results

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Method: ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Lab Sample ID: MB 160-640420/1-A
Matrix: Solid
Analysis Batch: 642534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640420

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.003286	U	0.0226	0.0226	3.00	0.0189	pCi/g	12/12/23 11:08	12/29/23 08:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*87.0*		*30 - 110*	*12/12/23 11:08*	*12/29/23 08:01*	*1*

Lab Sample ID: LCS 160-640420/2-A
Matrix: Solid
Analysis Batch: 642534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640420

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	%Rec	%Rec Limits		
Total Beta Strontium			2.89	2.725		0.285	3.00	0.0156	pCi/g	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Sr Carrier	*89.4*		*30 - 110*

Lab Sample ID: LCSD 160-640420/3-A
Matrix: Solid
Analysis Batch: 642534

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 640420

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	%Rec	%Rec Limits	RER	RER Limit
Total Beta Strontium			2.89	2.899		0.303	3.00	0.0195	pCi/g	100	75 - 125	0.30	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Sr Carrier	*89.4*		*30 - 110*

QC Association Summary

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Rad

Prep Batch: 640420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-52458-1	PT-SR0-SO1_P10357	Total/NA	Solid	ExtChrom	
160-52458-2	PT-SR0-SO1_P10358	Total/NA	Solid	ExtChrom	
160-52458-3	PT-SR0-SO1_P10359	Total/NA	Solid	ExtChrom	
160-52458-4	PT-SR0-SO1_P10360	Total/NA	Solid	ExtChrom	
160-52458-5	PT-SR0-SO1_P10361	Total/NA	Solid	ExtChrom	
MB 160-640420/1-A	Method Blank	Total/NA	Solid	ExtChrom	
LCS 160-640420/2-A	Lab Control Sample	Total/NA	Solid	ExtChrom	
LCSD 160-640420/3-A	Lab Control Sample Dup	Total/NA	Solid	ExtChrom	

Attachment 1

Tracer/Carrier Summary

Client: Aptim Federal Services LLC
Project/Site: HPNS-Parcel G 501197

Job ID: 160-52458-1
SDG: ANA-007463

Method: ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)

Matrix: Solid **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**Sr (30-110)**							
160-52458-1	PT-SR0-SO1_P10357	87.8							
160-52458-2	PT-SR0-SO1_P10358	87.0							
160-52458-3	PT-SR0-SO1_P10359	84.6							
160-52458-4	PT-SR0-SO1_P10360	87.8							
160-52458-5	PT-SR0-SO1_P10361	84.6							
LCS 160-640420/2-A	Lab Control Sample	89.4							
LCSD 160-640420/3-A	Lab Control Sample Dup	89.4							
MB 160-640420/1-A	Method Blank	87.0							

Tracer/Carrier Legend

Sr = Sr Carrier

Attachment 2
Comparison of Analytical Laboratory Results to Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)-style Eichrom Method Validation Study Acceptance Criterion

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Nominal Spike value = 0.5 pCi/g on 12/29/2023; φMR = 10%

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[2]	DLC	Known	Acceptance Range Low	Acceptance Range High	<2.9φ_{MR}
640420	160-52458-A-1-A	12/29/2023 8:02	Total Beta Strontium	87.8%	0.4812	0.0359	0.0233	0.489	0.3472	0.631	Yes
640420	160-52458-A-2-A	12/29/2023 7:57	Total Beta Strontium	87.0%	0.4214	0.0324	0.0200	0.514	0.3649	0.663	Yes
640420	160-52458-A-3-A	12/29/2023 7:57	Total Beta Strontium	84.6%	0.3911	0.0311	0.0195	0.502	0.3564	0.648	Yes
640420	160-52458-A-4-A	12/29/2023 7:57	Total Beta Strontium	87.8%	0.4238	0.0323	0.0193	0.496	0.3522	0.640	Yes
640420	160-52458-A-5-A	12/29/2023 7:57	Total Beta Strontium	84.6%	0.4797	0.0358	0.0212	0.498	0.3536	0.642	Yes

Nominal Spike Value (pCi/g): 0.5
Ref Date: 12/29/2023
φ_{MR}: 10%

Avg:[3] 0.4394
StDev:[3] 0.0396
|T|:[3,4] 1.977 (No relative bias seen)
v_{eff}:[3,4] 11.975
Critical Value for |T|:[3] 2.201

Notes:
1 - Yield corresponds to the carrier recovery (chemical yield) of the process
2 - The Total Uncertainty is shown at the one-sigma level
3 - Avg, StDev, Students T value (|T|), v_{eff}, and Critical Value for |T| calculated from results per MARLAP Appendix 6A
4 - The uncertainty value utilized for the standard/spike is 0.05 (5%) based upon report from Eckert & Ziegler

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Attachment 3
Results of Proficiency Test Program, Eckert & Ziegler Analytics

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Eckert & Ziegler
Analytics

1380 Seaboard Industrial Blvd.
Atlanta, GA 30318, USA

Tel: 404-352-8677
Fax: 404-352-2837

ANAB ACCREDITED
ISO/IEC 17043
PROFICIENCY TESTING PROVIDER

RESULTS OF

PROFICIENCY TEST PROGRAM

APTIM FEDERAL SERVICES

TEST AMERICA LABORATORIES

Reference Date: 06 DEC 23

L. Tk 9-Jan-24

L. Tkavadze, Nuclear Metrologist

SAMPLE	ANALYSIS	APTIM VALUE, pCi/g	UNCERTAINTY (2 Sigma), pCi/g	EZA VALUE, pCi/g	UNCERTAINTY (2 Sigma), pCi/g	% BIAS *	COMPARISON **
P10357	**Sr-90**	**4.81E-01**	**7.19E-02**	**4.89E-01**	**4.89E-02**	**-1.6**	**Agreement**
Soil							
Analysis Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)							
Date of Analysis: 29-Dec-23							
P10358	**Sr-90**	**4.21E-01**	**6.48E-02**	**5.14E-01**	**5.14E-02**	**-18.1**	**Agreement**
Soil							
Analysis Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)							
Date of Analysis: 29-Dec-23							
P10359	**Sr-90**	**3.91E-01**	**6.23E-02**	**5.02E-01**	**5.02E-02**	**-22.1**	**Agreement Warning**
Soil							
Analysis Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)							
Date of Analysis: 29-Dec-23							
P10360	**Sr-90**	**4.24E-01**	**6.47E-02**	**4.96E-01**	**4.96E-02**	**-14.5**	**Agreement**
Soil							
Analysis Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)							
Date of Analysis: 29-Dec-23							
P10361	**Sr-90**	**4.80E-01**	**7.16E-02**	**4.98E-01**	**4.98E-02**	**-3.6**	**Agreement**
Soil							
Analysis Method: TAL-STL ST-RC-0058 - Total Beta Strontium by GFPC (Extraction Chromatography)							
Date of Analysis: 29-Dec-23							

*** % Bias = 100 x (WHL Value - EZA Reference Value) / EZA Reference Value**

**** |% Bias| ≤ 20 % - Agreement; 20 % ≤ |% Bias| ≤ 30 % - Agreement with Warning; |% Bias| ≥ 30 % - Disagreement**

APPENDIX E
METHOD VERIFICATION STUDY FOR STRONTIUM-90 AND TOTAL BETA STRONTIUM ANALYSIS BY EUROFINS-TESTAMERICA STANDARD OPERATING PROCEDURE NO. ST RC-0050, "AQUEOUS AND SOIL SAMPLE PREPARATION FOR STRONTIUM-89, STRONTIUM-90 AND TOTAL STRONTIUM" (U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 905) (DCN: APTM-0006-5065-0123 | DATED: APRIL 03, 2024)

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April 03, 2024 DCN: APTM-0006-5065-0123

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Contract: **N62473-17-D-0006, N6247318F5065, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, CA**

Subject: **Method Verification Study for Strontium-90 and Total Beta Strontium Analysis by Eurofins-TestAmerica Standard Operating Procedure No. ST-RC-0050, "Aqueous and Soil Sample Preparation for Strontium-89, Strontium-90 and Total Strontium" (U.S. Environmental Protection Agency Method 905)**

Dear Mr. Londquist:

Aptim Federal Services, LLC (APTIM) is pleased to present the results of the method verification study for strontium-90 (Sr-90) and total beta strontium (TBS) analysis by Eurofins-TestAmerica Standard Operating Procedure No. ST-RC-0050, "Aqueous and Soil Sample Preparation for Strontium-89, Strontium-90 and Total Strontium" (U.S. Environmental Protection Agency [EPA] Method 905). The verification study was performed by APTIM's subcontracted laboratory, Eurofins-TestAmerica, located in St. Louis, Missouri.

This letter report provides an abstract of the study and a summary of the study objective, background, methods, results, and conclusions. Attachment 1 includes the laboratory analytical results.

Abstract:

The verification study was performed to verify that EPA Method 905 can accurately and precisely measure low concentrations of Sr-90 and TBS and provide low enough decision level concentrations (DLCs) and total propagated uncertainties (TPUs) for project decisions at Parcel G at Hunters Point Naval Shipyard (HPNS). The Navy performed this study in accordance with Field Change Request (FCR)-008, which was reviewed by the regulatory agencies. FCR-008 established the procedures for the study, including the acceptance criteria, also referred to as data quality objectives (DQOs). The Navy analyzed 10 method blanks, 10 matrix blanks, and 20 verification samples spiked at two different levels (Level 1 and Level 2) within the concentration range of the low Sr-90 remedial goal (RG) (0.331 picocuries per gram [pCi/g]) for Parcel G at HPNS. The 40 samples were analyzed for both Sr-90 and TBS using

EPA Method 905, for a total of 80 analyses. The results were compared to the DQOs established in FCR-008.

The data indicate that EPA Method 905 fails the verification study for both Sr-90 and TBS analyses at this low concentration range based on the following:

- Four or more false positive results in the 10 method blank samples and 10 matrix blank samples (20 samples total)
- One or more Spike Levels 1 and 2 verification sample results outside the acceptable range
- The calculated method uncertainty (TPU) is greater than the required method uncertainty used in the MARLAP-style Eichrom method validation study (μ_{MR}; 10 percent of observed activity) for all Spike Level 2 samples

Based on the results of this study, EPA Method 905 does not produce reliable and reproducible data at this low Sr-90 RG concentration range and includes a higher likelihood of false positive results above the Sr-90 RG due to higher uncertainty.

Objective:

The objective of this study was to verify that EPA Method 905 can accurately and precisely measure low concentrations of Sr-90 and TBS and provide low enough DLCs and TPUs for project decisions at Parcel G at HPNS.

Background:

The radiological investigation, survey, and reporting at Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, experienced challenges identifying the appropriate analytical method for Sr-90 and TBS. Parcel G has a low remedial goal (RG) for Sr-90 (pCi/g), and it has been difficult to identify a method capable of providing low enough DLCs and TPUs to reliably and accurately provide meaningful results for project decisions. APTIM prepared the *Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, CA* (Tech Memo; APTIM, 2022) that presents background, explanation of strontium analytical methods used, data quality challenges, data results, and conclusions for strontium analysis. The Tech Memo summarizes strontium analyses over the course of the Parcel G radiological investigation, survey, and reporting and consolidates data and decisions into one document. The Tech Memo provides several lines of evidence that samples analyzed for Sr-90 by EPA Method 905 are false positives, due to the higher-than-expected DLCs and uncertainties, non-reproducible results, and non-detect TBS results analyzed using the more sensitive and validated Eichrom method.

Following review of the Tech Memo (APTIM, 2022), the regulatory agencies requested the U.S. Department of the Navy (Navy) perform a method verification study for Sr-90 and TBS using EPA Method 905. The study will verify if EPA Method 905 can accurately and precisely measure low concentrations of Sr-90 and TBS (i.e., prove the method can measure a positive Sr-90 and TBS concentration at or near the RG). A field change request (FCR) (FCR-008; APTIM, 2023) was prepared to outline the data quality objectives (DQOs), also referred to as acceptance criteria, for the study.

Methods:

FCR-008 (APTIM, 2023) describes method verification protocols and approach, which are based on input from the regulatory agencies and the *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP*)-style (EPA et al, 2004) method validation study the Navy performed for the Eurofins-TestAmerica Standard Operating Procedure No. ST-RC-0058, "Sample Preparation for Strontium-89, Strontium-90 and Total Strontium Using Extraction Chromatography" (Eichrom method) for Sr-90 and TBS (APTIM, 2022 [Tech Memo Appendices B and C]).

The Navy consulted with the regulatory agencies 1) in a meeting held on July 19, 2023 and 2) through regulatory agency review and comment resolution of FCR-008 (APTIM, 2023), to discuss and establish the number of spike samples and spike concentrations, and to review acceptance criteria (i.e., DQOs) prior to beginning the verification study. In agreement with the Navy and regulatory agencies, the laboratory spiked samples with Sr-90 at the two levels (Table 1).

Table 1: Spike Level Concentrations

Spike Level:	Spike Level 1	Spike Level 2
Basis for Concentration	½ Action Level	Action Level
Actual Spike Concentration (pCi/g)	0.166	0.331

Per FCR-008 (APTIM, 2023), the laboratory analyzed

- 10 replicate samples at two levels (20 samples total)
- 10 replicate samples of a method blank (deionized water)
- 10 replicate samples of a matrix blank for a total of 40 samples

The samples were analyzed for Sr-90 and TBS, for a total of 80 analyses. The spike matrix was certified Mixed Analyte Performance Evaluation Program (MAPEP) U.S. Department of Energy soil (MAPEP 38) with no measured Sr-90 (U.S. Department of Energy Radiological and Environmental Sciences Laboratory, 2018; see Attachment 2 for the MAPEP 38 study reference values). The spiked verification samples were spiked by the laboratory Technical Director, witnessed by the laboratory Quality Assurance Manager, and were blind to the laboratory analyst.

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (the Student's t-test) (EPA et al, 2004), the method blank sample results were evaluated for bias and the matrix blank and spike samples were evaluated for bias. Bias in the measurements is indicated if the absolute value of the Student's t-test statistic (|T|) is greater than the critical value for |T|.

The acceptance criteria (i.e., DQOs) are stipulated in FCR-008 (APTIM, 2023), are based on MARLAP Table 6.1 (EPA et al, 2004), and were reviewed with the regulatory agencies. The DQOs are as follows:

1. If one or more of the verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × 10 percent of known spiked concentration [μ_{MR}]), then method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration.
2. If four or more of the method and/or matrix blank samples (n = 20 samples) have a positive (false) Sr-90 and/or TBS detection above the DLC, then the method is deemed to not be accurate at this concentration range and the method fails the test.
3. The laboratory will calculate the method uncertainty (TPU) as defined by MARLAP and compare it to the Navy's required method uncertainty that was used in the MARLAP-style Eichrom method validation study for TBS (μ_{MR}). The comparison of the calculated method uncertainty to the required method uncertainty will reveal if the method can be expected to reliably produce data that can be used to make decisions for this RG and decision rule. If the calculated method uncertainty is greater than the required method uncertainty used in the validation of the Eichrom method (10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test.
4. If the verification samples pass the criteria noted above, then the method passes the verification test and the results, along with other lines of evidence, will be evaluated in a verification study document to determine if EPA Method 905 is usable for measuring Sr-90 and/or TBS concentrations at or below the RG.

Results:

Attachment 1 includes the laboratory report and provides the laboratory results for the method blanks, matrix blanks, and method verification study samples for Sr-90 and TBS.

Sr-90 Results

The method verification study results for Sr-90 are summarized in the following tables and compared to the DQOs in each respective subsection.

Data Quality Objective 1—Verification Samples

The laboratory analyzed 10 replicate verification samples at two levels (20 samples total). Ten replicate verification samples were spiked at 0.166 pCi/g (Spike Level 1) and 10 replicate verification samples were spiked at 0.331 pCi/g (Spike Level 2). Attachment 1 includes analytical results. Tables 2 and 3 summarize Spike Levels 1 and 2 sample number, spike level concentration, detected activity, μ_{MR}, acceptance criterion ($3.0\mu_{MR}$), acceptable concentration ranges, and pass/fail result.

Table 2: Spike Level 1 Results for Sr-90

Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$3.0\mu_{MR}$	Acceptable Range* ($\pm3.0\mu_{MR}$)	Pass/Fail^
Sample 12	0.166	**0.3564**	0.0331	0.0993	0.0667–0.2653	Fail
Sample 16	0.166	**0.4401**	0.0331	0.0993	0.0667–0.2653	Fail
Sample 17	0.166	**0.8564**	0.0331	0.0993	0.0667–0.2653	Fail
Sample 22	0.166	0.2324	0.0331	0.0993	0.0667–0.2653	Pass
Sample 23	0.166	**0.4752**	0.0331	0.0993	0.0667–0.2653	Fail
Sample 27	0.166	0.1523	0.0331	0.0993	0.0667–0.2653	Pass
Sample 29	0.166	0.1859	0.0331	0.0993	0.0667–0.2653	Pass
Sample 33	0.166	0.2308	0.0331	0.0993	0.0667–0.2653	Pass
Sample 37	0.166	**0.6290**	0.0331	0.0993	0.0667–0.2653	Fail
Sample 38	0.166	0.1535	0.0331	0.0993	0.0667–0.2653	Pass

Red bold text indicates a sample result above the Sr-90 RG (0.331 pCi/g).
* Acceptable range is determined by the spike level concentration (0.166 pCi/g) $\pm3.0*\mu_{MR}$.
^ If one or more of the verification samples fails the criterion, then the method fails the verification test.

Table 3: Spike Level 2 Results for Sr-90

Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$3.0\mu_{MR}$	Acceptable Range* ($\pm3.0\mu_{MR}$)	Pass/Fail^
Sample 13	0.331	0.7232	0.0331	0.0993	0.2317–0.4303	Fail
Sample 14	0.331	0.5395	0.0331	0.0993	0.2317–0.4303	Fail
Sample 18	0.331	0.4824	0.0331	0.0993	0.2317–0.4303	Fail
Sample 21	0.331	0.7370	0.0331	0.0993	0.2317–0.4303	Fail
Sample 25	0.331	0.4069	0.0331	0.0993	0.2317–0.4303	Pass
Sample 26	0.331	0.1232	0.0331	0.0993	0.2317–0.4303	Fail
Sample 31	0.331	0.1917	0.0331	0.0993	0.2317–0.4303	Fail
Sample 32	0.331	0.2655	0.0331	0.0993	0.2317–0.4303	Pass
Sample 35	0.331	0.4321	0.0331	0.0993	0.2317–0.4303	Fail
Sample 39	0.331	0.3149	0.0331	0.0993	0.2317–0.4303	Pass

* Acceptable range is determined by the spike level concentration (0.331 pCi/g) $\pm3.0*\mu_{MR}$.
^ If one or more of the verification samples fails the criterion, then the method fails the verification test.

Of the 10 verification samples spiked at Spike Level 1 (0.166 pCi/g), five sample results failed to be detected within the acceptable concentration range (±3.0 x μMR). Of the 10 verification

samples spiked at Spike Level 2 (0.331 pCi/g), seven sample results failed to be detected within the acceptable concentration range (±3.0 x μMR).

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test to test for bias at for each concentration level. The Student's t-test was performed to evaluate whether there is an 'overall' method bias for the entire concentration range. Results of the Student's t-test indicate there is a relative bias at Spike Level 1 and there is no relative bias at Spike Level 2 (Attachment 1).

Per FCR-008 DQO No. 1, if one or more of the 20 verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × μ_{MR}), then the method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration. Based on the 12 failures at two sample levels, EPA Method 905 fails the verification test for Sr-90 analysis at this concentration range.

Data Quality Objective 2—Method and Matrix Blanks

The Eurofins-TestAmerica laboratory analyzed 10 replicate method blank samples (deionized water; no measured concentrations of Sr-90 or TBS) for Sr-90 to test for absolute bias (Table 4).

Table 4: Method Blank Results for Sr-90

Sample Replicate No.	Detected Activity (pCi/g)	TPU^	DLC	Pass/Fail*
Method Blank 1	0.2869	0.1134	0.1617	Fail
Method Blank 2	0.0754	0.1055	0.1670	Pass
Method Blank 3	0.2072	0.1087	0.1605	Fail
Method Blank 4	**0.4508**	0.1328	0.1816	Fail
Method Blank 5	0.2934	0.1265	0.1868	Fail
Method Blank 6	-0.0432**	0.1326	0.2212	Pass
Method Blank 7	0.0785	0.1013	0.1594	Pass
Method Blank 8	**0.5405**	0.1426	0.1893	Fail
Method Blank 9	0.0071	0.1075	0.1763	Pass
Method Blank 10	**0.4573**	0.1246	0.1670	Fail

Red bold text indicates a method blank sample result above the Sr-90 RG (0.331 pCi/g).
^ TPU in this table is based on ± one sigma (±1σ) based on the MARLAP definition for μ_{MR} (EPA et al, 2004). The standard laboratory report (Attachment 1) uses two-sigma.
* False positive is a Sr-90 detection above the DLC.
** Negative results are reported when the sample counts are lower than instrument background counts.

Six of the 10 method blank sample results exhibited Sr-90 activity greater than the DLC, constituting six positive (false) results. Three of the samples had positive (false) results above the Sr-90 RG. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the method blank results (Attachment 1). Results of the Student's t-test detected an absolute bias with the Student's T above the critical value (|T| = 3.4573, compared to a critical value of 2.262).

Sr-90 Results

The laboratory analyzed 10 replicate matrix blank samples for Sr-90 to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. Table 5 presents Sr-90 results for the matrix blank samples.

Table 5: Matrix Blank Results for Sr-90

Sample Replicate No.	Detected Activity (pCi/g)	TPU^	DLC	Pass/Fail*
Sample 11	**0.5479**	0.1184	0.1459	Fail
Sample 15	**0.5628**	0.1284	0.1670	Fail
Sample 19	0.1652	0.0972	0.1461	Fail
Sample 20	0.2678	0.1136	0.1634	Fail
Sample 24	-0.0470**	0.0887	0.1503	Pass
Sample 28	0.0386	0.1150	0.1865	Pass
Sample 30	**0.5488**	0.1298	0.1762	Fail
Sample 34	-0.0226**	0.0815	0.1364	Pass
Sample 36	-0.1144**	0.0890	0.1561	Pass
Sample 40	0.1795	0.0874	0.1266	Fail

Red bold text indicates a matrix blank sample result above the Sr-90 RG (0.331 pCi/g).
^ TPU is based on ± one sigma (±1σ).
* False positive is a Sr-90 detection above the DLC.
** Negative results are reported when the sample counts are lower than instrument background counts.

Six of the 10 matrix blank sample results exhibited Sr-90 activity greater than the DLC, constituting six positive (false) results. Three of the samples had positive (false) results above the Sr-90 RG. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the matrix blank results (Attachment 1). Results of the Student's t-test determined there is a bias in the matrix with the Student's T above the critical value (|T| = 2.4416, compared to a critical value of 2.262).

Per FCR-008 DQO No. 2, if four or more or the method and/or matrix blank samples have a positive (false) Sr-90 detection above the DLC, then the method is deemed to not be accurate at this concentration range and the method fails the verification test. Twelve of the 20 method and matrix blank samples produced positive (false) results for Sr-90. Therefore, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range.

Data Quality Objective 3—Uncertainty

The laboratory calculated the method uncertainty (TPU) as defined by MARLAP and compared to the Navy's required method uncertainty (μ_{MR}) that was used in the MARLAP-style Eichrom method validation study for TBS (EPA et al, 2004). Table 6 presents these results.

Table 6: Uncertainty Comparison for Spike Level 2 Sr-90 Results

Sample Replicate No.	Spike Level Concentration (pCi/g)	TPU^	μ_{MR}	TPU>μ_{MR}	Pass/Fail
Sample 13	0.331	0.1290	0.0331	Yes	Fail
Sample 14	0.331	0.1134	0.0331	Yes	Fail
Sample 18	0.331	0.1171	0.0331	Yes	Fail
Sample 21	0.331	0.1167	0.0331	Yes	Fail
Sample 25	0.331	0.1123	0.0331	Yes	Fail
Sample 26	0.331	0.1124	0.0331	Yes	Fail
Sample 31	0.331	0.0912	0.0331	Yes	Fail
Sample 32	0.331	0.1054	0.0331	Yes	Fail
Sample 35	0.331	0.1054	0.0331	Yes	Fail
Sample 39	0.331	0.1104	0.0331	Yes	Fail

^ TPU is based on ± one sigma (±1σ).

Per FCR-008 DQO No. 3, if the calculated method uncertainty (TPU) is greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR},10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test. As shown in Table 6, the calculated TPU is greater than the required method uncertainty (μ_{MR}) for all 10 verification samples at Spike Level 2 (0.331 pCi/g). Therefore, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration.

Data Quality Objective 4—Verification Samples

Per FCR-008 DQO No. 4, if the verification samples pass the DQO Nos. 1, 2, and 3, then the method passes the verification test and the results. As summarized in this report, EPA Method 905 fails the verification study for Sr-90 analysis at this concentration range.

TBS Results

The TBS method verification study results are summarized below and compared to the DQOs in each respective subsection.

Data Quality Objective 1—Verification Samples

The laboratory analyzed 10 replicate verification samples at two levels (20 samples total). Ten replicate verification samples were spiked at 0.166 pCi/g (Spike Level 1) and 10 replicate verification samples were spiked at 0.331 pCi/g (Spike Level 2). Attachment 1 includes analytical results. Tables 7 and 8 summarize Spike Levels 1 and 2 sample number, spike level concentration, detected activity, μ_{MR}, acceptance criterion ($3.0\mu_{MR}$), acceptable concentration ranges, and pass/fail result.

Table 7: Spike Level 1 Results for Total Beta Strontium

Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$3.0\mu_{MR}$	Acceptable Range* ($\pm3.0\mu_{MR}$)	Pass/Fail^
Sample 12	0.166	0.1519	0.0331	0.0993	0.0667–0.2653	Pass
Sample 16	0.166	0.2518	0.0331	0.0993	0.0667–0.2653	Pass
Sample 17	0.166	0.2785	0.0331	0.0993	0.0667–0.2653	Fail
Sample 22	0.166	0.1228	0.0331	0.0993	0.0667–0.2653	Pass
Sample 23	0.166	0.2221	0.0331	0.0993	0.0667–0.2653	Pass
Sample 27	0.166	0.1206	0.0331	0.0993	0.0667–0.2653	Pass
Sample 29	0.166	0.0678	0.0331	0.0993	0.0667–0.2653	Pass
Sample 33	0.166	0.0958	0.0331	0.0993	0.0667–0.2653	Pass
Sample 37	0.166	0.1987	0.0331	0.0993	0.0667–0.2653	Pass
Sample 38	0.166	0.2112	0.0331	0.0993	0.0667–0.2653	Pass

* Acceptable range is determined by the spike level concentration (0.166 pCi/g) $\pm3.0*\mu_{MR}$.
^ If one or more of the verification samples fails the criterion, then the method fails the verification test.

Table 8: Spike Level 2 Results for Total Beta Strontium

Sample Replicate No.	Spike Level Concentration (pCi/g)	Detected Activity (pCi/g)	μ_{MR}	$3.0\mu_{MR}$	Acceptable Range* ($\pm3.0\mu_{MR}$)	Pass/Fail^
Sample 13	0.331	0.2395	0.0331	0.0993	0.2317–0.4303	Pass
Sample 14	0.331	0.2918	0.0331	0.0993	0.2317–0.4303	Pass
Sample 18	0.331	0.2000	0.0331	0.0993	0.2317–0.4303	Fail
Sample 21	0.331	0.2799	0.0331	0.0993	0.2317–0.4303	Pass
Sample 25	0.331	0.4277	0.0331	0.0993	0.2317–0.4303	Pass
Sample 26	0.331	0.4053	0.0331	0.0993	0.2317–0.4303	Pass
Sample 31	0.331	0.2255	0.0331	0.0993	0.2317–0.4303	Fail
Sample 32	0.331	0.3319	0.0331	0.0993	0.2317–0.4303	Pass
Sample 35	0.331	0.2655	0.0331	0.0993	0.2317–0.4303	Pass
Sample 39	0.331	0.3899	0.0331	0.0993	0.2317–0.4303	Pass

* Acceptable range is determined by the spike level concentration (0.331 pCi/g) $\pm3.0*\mu_{MR}$.
^ If one or more of the verification samples fails the criterion, then the method fails the verification test.

Of the 10 verification samples spiked at Spike Level 1 (0.166 pCi/g), one sample result failed to be within the acceptable concentration range (±3.0 x 10 percent of known spiked

concentration [μ_{MR}]). Of the 10 verification samples spiked at Spike Level 2 (0.331 pCi/g), two sample results failed to be within the acceptable concentration range (±3.0 x μMR).

Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test for each concentration level to measure bias. The Student's t-test was performed for each level to evaluate whether there is an "overall" method bias for the entire concentration range based. Results of the Student's t-test indicate there is no relative bias at Spike Levels 1 and 2.

Per FCR-008 DQO No. 1, if one or more verification samples fails the criterion used in the MARLAP-style Eichrom method validation study criterion (±3.0 × μ_{MR}), then method fails the verification test, and the method is deemed to not be accurate or reproducible at the spiked concentration. Based on the three failures at two sample levels, EPA Method 905 fails the verification test for TBS analysis at this concentration range.

Data Quality Objective 2—Method and Matrix Blanks

The Eurofins-TestAmerica laboratory analyzed 10 replicate method blank samples (deionized water; no measured concentrations of Sr-90 or TBS) for TBS to test for absolute bias (Table 9).

Table 9: Method Blank Results for Total Beta Strontium

Sample Replicate No.	Detected Activity (pCi/g)	TPU^	DLC	Pass/Fail*
Method Blank 1	-0.0008**	0.0338	0.0557	Pass
Method Blank 2	-0.1376**	0.0358	0.0704	Pass
Method Blank 3	0.0993	0.0401	0.0573	Fail
Method Blank 4	0.0692	0.0528	0.0821	Pass
Method Blank 5	0.0431	0.0399	0.0619	Pass
Method Blank 6	-0.0599**	0.0389	0.0689	Pass
Method Blank 7	0.0641	0.0384	0.0576	Fail
Method Blank 8	0.0095	0.0441	0.0717	Pass
Method Blank 9	-0.0185**	0.0430	0.0721	Pass
Method Blank 10	0.0730	0.0427	0.0640	Fail

^ TPU is based on ± one sigma (±1σ).
* Positive (false) is a TBS detection above the DLC.
** Negative results are reported when the sample counts are lower than instrument background counts.

Three of the 10 method blank sample results exhibited TBS activity greater than the DLC, constituting three positive (false) results. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the method blank results (Attachment 1). Results of the Student's t-test did not detect an absolute bias.

TBS Results

The laboratory analyzed 10 replicate matrix blank samples for TBS to test for relative bias. The matrix is MAPEP 38 soil with no measured Sr-90. Table 10 presents TBS results for the matrix blank samples.

Table 10: Matrix Blank Results for Total Beta Strontium

Sample Replicate No.	Detected Activity (pCi/g)	TPU^	DLC	Pass/Fail*
Sample 11	0.0707	0.0329	0.0471	Fail
Sample 15	0.0511	0.0330	0.0493	Fail
Sample 19	-0.0159**	0.0308	0.0520	Pass
Sample 20	-0.0245**	0.0382	0.0648	Pass
Sample 24	0.0813	0.0395	0.0581	Fail
Sample 28	0.0355	0.0374	0.0585	Pass
Sample 30	0.0264	0.0300	0.0470	Pass
Sample 34	0.0559	0.0327	0.0484	Fail
Sample 36	0.0505	0.0319	0.0475	Fail
Sample 40	0.0991	0.0343	0.0473	Fail

^ TPU is based on ± one sigma (±1σ).
* Positive (false) is a TBS detection above the DLC.
** Negative results are reported when the sample counts are lower than instrument background counts.

Six of the 10 matrix blank sample results exhibited TBS activity greater than the DLC, constituting six positive (false) results. Following MARLAP guidance provided in Section 6.6.4 and Attachment 6A (EPA et al, 2004), the laboratory performed a Student's t-test of the matrix blank results (Attachment 1). Results of the Student's t-test determined there is a bias in the matrix with the Student's T above the critical value (|T| = 3.2673, compared to a critical value of 2.262).

Per FCR-008 DQO No. 2, if four or more or the method and/or matrix blank samples have a positive (false) TBS detection above the DLC, then the method is deemed to not be accurate at this concentration range and the method fails the verification test. Nine of the 20 method and matrix blank samples produced positive (false) results for TBS. Therefore, EPA Method 905 is deemed to not be accurate at this concentration range and fails the verification study for TBS at this concentration range.

Data Quality Objective 3—Uncertainty

The laboratory calculated the method uncertainty (TPU) as defined by MARLAP and compared it to the Navy's required method uncertainty (μ_{MR}) that was used in the MARLAP-style Eichrom method validation study for TBS (EPA et al, 2004). Table 11 presents the results.

Table 11: Uncertainty Comparison for Spike Level 2 Total Beta Strontium Results

Sample Replicate No.	Spike Level Concentration (pCi/g)	TPU^	μ_{MR}	TPU>μ_{MR}	Pass/Fail
Sample 13	0.331	0.0487	0.0331	Yes	Fail
Sample 14	0.331	0.0542	0.0331	Yes	Fail
Sample 18	0.331	0.0405	0.0331	Yes	Fail
Sample 21	0.331	0.0502	0.0331	Yes	Fail
Sample 25	0.331	0.0606	0.0331	Yes	Fail
Sample 26	0.331	0.0518	0.0331	Yes	Fail
Sample 31	0.331	0.0423	0.0331	Yes	Fail
Sample 32	0.331	0.0538	0.0331	Yes	Fail
Sample 35	0.331	0.0455	0.0331	Yes	Fail
Sample 39	0.331	0.0572	0.0331	Yes	Fail

^ TPU is based on ± one sigma (±1σ).

Per FCR-008 DQO No. 3, if the calculated method uncertainty (TPU) is greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR},10 percent of observed activity), then it is reasonable to conclude that EPA Method 905 should not be expected to reliably produce data that can be used to make decisions for this RG and decision rule, and then the method fails the verification test. The calculated TPU is greater than the required method uncertainty (μ_{MR}) for all 10 verification samples at Spike Level 2 (0.331 pCi/g). Therefore, EPA Method 905 fails the verification study for TBS analysis at this concentration.

Data Quality Objective 4—Verification Samples

Per FCR-008 DQO No. 4, if the verification samples pass the DQO No. 1, 2, and 3, then the method passes the verification test and the results. As summarized in this report, EPA Method 905 fails the verification study for TBS analysis at this concentration range.

Conclusion:

The data indicate that EPA Method 905 fails the verification study for both Sr-90 and TBS analyses at this concentration range based on the following:

- Four or more positive (false) results in the 10 method blank samples and 10 matrix blank samples (20 samples total).
- One or more Spike Levels 1 and 2 verification sample results outside the acceptable range.
- The calculated method uncertainty (TPU) being greater than the required method uncertainty used in the validation of the Eichrom method (μ_{MR}; 10 percent of observed activity) for all Spike Level 2 samples.

Sincerely,

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References:

Aptim Federal Services, LLC (APTIM)*, 2022, Draft Technical Memorandum: Strontium Analysis, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, CA, December.*

APTIM*, 2023, Field Change Request 008 for Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, California, October.*

Department of Energy, Radiological and Environmental Sciences Laboratory (RESL), 2018, *Mixed Analyte Performance Evaluation Program (MAPEP), MAPEP-18-MaS38 Combined Report*, May.

U.S. Environmental Protection Agency, U.S. Department of Defense, U.S. Department of Energy, U.S. Department of Homeland Security, U.S. Nuclear Regulatory Commission, U.S. Food and Drug Administration, U.S. Geological Survey, National Institute of Standards and Technology, 2004, *Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP)*, Part I: Chapters 1-9, Appendices A-E (Volume I), NUREG-1576, EPA 402-B-04-001A, NTIS PB2004-105421.

Attachments:

Attachment 1: Laboratory Analytical Results

Attachment 2: Mixed Analyte Performance Evaluation Program (MAPEP)-38 Soil Study Reference Values

Attachment 1
Laboratory Analytical Results

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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

905.0 Method Validation Study_Sr90/Total Beta Sr

JOB NUMBER

160-52024-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

Eurofins St. Louis

Job Notes

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Authorization

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Case Narrative

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project: 905.0 Method Validation Study_Sr90/Total Beta Sr

Job ID: 160-52024-1 **Eurofins St. Louis**

CASE NARRATIVE

Client: Aptim Federal Services LLC

Project: Method 905.0 Method Validation Study_Total Beta Strontium and Strontium 90

Report Number: 160-52024-1
Revision 2

Revision 1- Client requested additional verbage in method validation summary
Revision 2- Client requested changes to the method validation summary

Method 905.0 - Strontium 90
Samples Blind Sample 11 (52024-11), Blind Sample 12 (52024-12), Blind Sample 13 (52024-13), Blind Sample 14 (52024-14), Blind Sample 15 (52024-15), Blind Sample 16 (52024-16), Blind Sample 17 (52024-17), Blind Sample 18 (52024-18), Blind Sample 19 (52024-19), Blind Sample 20 (52024-20), Blind Sample 21 (52024-21), Blind Sample 22 (52024-22), Blind Sample 23 (52024-23), Blind Sample 24 (52024-24), Blind Sample 25 (52024-25), Blind Sample 26 (52024-26), Blind Sample 27 (52024-27), Blind Sample 28 (52024-28), Blind Sample 29 (52024-29), Blind Sample 30 (52024-30), Blind Sample 31 (52024-31), Blind Sample 32 (52024-32), Blind Sample 33 (52024-33), Blind Sample 34 (52024-34), Blind Sample 35 (52024-35), Blind Sample 36 (52024-36), Blind Sample 37 (52024-37), Blind Sample 38 (52024-38), Blind Sample 39 (52024-39), Blind Sample 40 (52024-40), Method Blank 1 (52024-1), Method Blank 10 (52024-10), Method Blank 2 (52024-2), Method Blank 3 (52024-3), Method Blank 4 (52024-4), Method Blank 5 (52024-5), Method Blank 6 (52024-6), Method Blank 7 (52024-7), Method Blank 8 (52024-8) and Method Blank 9 (52024-9) were analyzed for Strontium-90 (GFPC). The samples were prepared on 11/1/2023 and analyzed on 11/14/2023.

Method 905.0 - Total Beta Strontium (GFPC)
Samples Blind Sample 11 (52024-11), Blind Sample 12 (52024-12), Blind Sample 13 (52024-13), Blind Sample 14 (52024-14), Blind Sample 15 (52024-15), Blind Sample 16 (52024-16), Blind Sample 17 (52024-17), Blind Sample 18 (52024-18), Blind Sample 19 (52024-19), Blind Sample 20 (52024-20), Blind Sample 21 (52024-21), Blind Sample 22 (52024-22), Blind Sample 23 (52024-23), Blind Sample 24 (52024-24), Blind Sample 25 (52024-25), Blind Sample 26 (52024-26), Blind Sample 27 (52024-27), Blind Sample 28 (52024-28), Blind Sample 29 (52024-29), Blind Sample 30 (52024-30), Blind Sample 31 (52024-31), Blind Sample 32 (52024-32), Blind Sample 33 (52024-33), Blind Sample 34 (52024-34), Blind Sample 35 (52024-35), Blind Sample 36 (52024-36), Blind Sample 37 (52024-37), Blind Sample 38 (52024-38), Blind Sample 39 (52024-39), Blind Sample 40 (52024-40), Method Blank 1 (52024-1), Method Blank 10 (52024-10), Method Blank 2 (52024-2), Method Blank 3 (52024-3), Method Blank 4 (52024-4), Method Blank 5 (52024-5), Method Blank 6 (52024-6), Method Blank 7 (52024-7), Method Blank 8 (52024-8) and Method Blank 9 (52024-9) were analyzed for Total Beta Strontium (GFPC). The samples were prepared on 11/1/2023 and analyzed on 11/28/2023.

Strontium Blind Verification Study Summary

Eurofins TestAmerica performed a blind verification study for Sr-90 and Total Beta Radiostrontium ("Sr-Tot") by EPA 905 using criteria requested by the client. See "Field Change Request 008 for Final Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting Dated July 2020; DCN: APTM-0006-5065-0005.A1/F.R1" SAP Worksheet #11.

- Study samples were spiked at 2 nominal activity levels
  - ~0.166 pCi/g (1/2 action level)
  - ~0.331 pCi/g (action level)
- 10 replicate samples at each level (20 samples total)
- 1 set (10 replicate samples) matrix blank
- 1 set (10 replicate samples) method blank (Deionized Water)
- Each set of 40 samples analyzed for Sr-90 and Sr-Tot (80 samples total).

The evaluation criteria outlined in the reference document is based upon concepts found in MARLAP Chapter 6. Fundamental to MARLAP guidance are two terms:

- μ_{MR} - the required absolute method uncertainty for analyte concentrations at or below the action level. For this verification study, μ_{MR} is defined as 10% of the action limit (0.0331).
- φ_{MR} - the required relative method uncertainty for analyte concentrations above the action level. For this validation study, φ_{MR} is not utilized, as the two spike levels are at or below the action level

The samples were initially weighed up (1 gram nominal weight as per prior project samples) and Sr carrier added by the analyst. The samples were spiked (blind to the analyst) by the laboratory Technical Director (witnessed by the laboratory QA Manager), with samples assigned based upon the attached "Sample Spike Summary". The samples were then analyzed for Sr-90 and Sr-Tot.

Evaluation of Sr-90 results:

- Method and Matrix Blanks
  - Both the method blank and the matrix blank appear to exhibit a high bias. In addition, the activity of more than 4 each of the method (6) and matrix blanks (6) exceed the critical level (DLC) This constitutes a failure based upon the Project Quality Objectives (PQO).
- Activity Levels (Concentrations)
  - At least one of the ten samples at each of the two spike levels was outside the PQO (±3.0 μ_{MR}). This constitutes a failure.

- In relation to the PQO of achieving a relative uncertainty of 10% at the action level, all of the ten samples spiked at 0.331 pCi/g exhibited uncertainty greater than 10%. This constitutes a failure.

- Evaluation of Sr-Tot results:
  - Method and Matrix Blanks
    - While the overall results for the Method Blank do not exhibit a significant absolute bias, two of the ten results were above the DLC. It should be noted that both of these results were less than 1/3 of the action level. However, given the criteria, these two results constitute a failure
    - The Matrix Blank results exhibit a slight high bias. While the magnitude of the activity seen was not any higher than that of the Method blanks (less than 1/3 the action level), the standard deviation of the measurments was relatively low, leading to the elevated Student's T. Further, six of the 10 results were above the DLC, constituting a failure according to the PQO.
  - Activity Levels (Concentrations)
    - The 10 samples spiked at the 0.166 pCi/g level did not exhibit a significant relative bias. The average activity (0.1721 pCi/g) is a 104% recovery compared to the spike amount. While overall this is much better than the Sr-90 results at this spike level., there was one sample that was outside the PQO (±3.0 μ_{MR}), which constitutes a failure.
    - The 10 samples spiked at the 0.331 pCi/g level did not exhibit a significant relative bias. The average activity (0.3057 pCi/g) is a 92% recovery compared to the spike amount. While overall this is much better than the Sr-90 results at this spike level, there were two samples that were outside the PQO (±3.0 μ_{MR}), which constitutes a failure.
    - In relation to the PQO of achieving a relative uncertainty of 10% at the action level, all of the ten samples spiked at 0.331 pCi/g exhibited uncertainty greater than 10%. This constitutes a failure.

Sample Prep for APTIM 905.0 "blind" study.

Samples -1 to -10 will simply be "method blanks"

	Spike level	Spike (uL)
Sample -11	maxtrix blank	0
Sample -12	0.166	23
Sample -13	0.331	46
Sample -14	0.331	46
Sample -15	maxtrix blank	0
Sample -16	0.166	23
Sample -17	0.166	23
Sample -18	0.331	46
Sample -19	maxtrix blank	0
Sample -20	maxtrix blank	0
Sample -21	0.331	46
Sample -22	0.166	23
Sample -23	0.166	23
Sample -24	maxtrix blank	0
Sample -25	0.331	46
Sample -26	0.331	46
Sample -27	0.166	23
Sample -28	maxtrix blank	0
Sample -29	0.166	23
Sample -30	maxtrix blank	0
Sample -31	0.331	46
Sample -32	0.331	46
Sample -33	0.166	23
Sample -34	maxtrix blank	0
Sample -35	0.331	46
Sample -36	maxtrix blank	0
Sample -37	0.166	23
Sample -38	0.166	23
Sample -39	0.331	46
Sample -40	maxtrix blank	0

Sr-90_00055, 22.56 dpm/mL on 9/17/2009
16.06 dpm/mL on 11/21/2023
for 0.331 pCi/g - 0.046 mL
for 0.166 pCi/g - 0.023 mL

Method Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Act>DLC?
634774	160-52024-A-1-A	14-Nov-23	Sr-90	64.5%	0.2869	0.1134	0.1617	Yes
634774	160-52024-A-2-A	14-Nov-23	Sr-90	64.1%	0.0754	0.1055	0.1670	No
634774	160-52024-A-3-A	14-Nov-23	Sr-90	64.4%	0.2072	0.1087	0.1605	Yes
634774	160-52024-A-4-A	14-Nov-23	Sr-90	60.4%	0.4508	0.1328	0.1816	Yes
634774	160-52024-A-5-A	14-Nov-23	Sr-90	68.3%	0.2934	0.1265	0.1868	Yes
634774	160-52024-A-6-A	14-Nov-23	Sr-90	60.7%	-0.0432	0.1326	0.2212	No
634774	160-52024-A-7-A	14-Nov-23	Sr-90	63.3%	0.0785	0.1013	0.1594	No
634774	160-52024-A-8-A	14-Nov-23	Sr-90	56.4%	0.5405	0.1426	0.1893	Yes
634774	160-52024-A-9-A	14-Nov-23	Sr-90	58.9%	0.0070	0.1075	0.1763	No
634774	160-52024-A-10-A	14-Nov-23	Sr-90	63.0%	0.4573	0.1246	0.1670	Yes
				Avg:[2]	0.2354			
				StDev:[2]	0.2043			
				|T|:[2]	3.4573	(Absolute bias seen for method)		
				v_{eff}:[2]	9			
				Critical Value for |T|:[2]	2.262			

Matrix Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Act>DLC?
634774	160-52024-A-11-A	14-Nov-23	Sr-90	62.8%	0.5479	0.1184	0.1459	Yes
634774	160-52024-A-15-A	14-Nov-23	Sr-90	66.5%	0.5628	0.1284	0.1670	Yes
634774	160-52024-A-19-A	14-Nov-23	Sr-90	74.1%	0.1652	0.0972	0.1461	Yes
634774	160-52024-A-20-A	14-Nov-23	Sr-90	62.1%	0.2678	0.1136	0.1634	Yes
634774	160-52024-A-24-A	14-Nov-23	Sr-90	66.4%	-0.0470	0.0887	0.1503	No
634774	160-52024-A-28-A	14-Nov-23	Sr-90	72.9%	0.0386	0.1150	0.1865	No
634774	160-52024-A-30-A	14-Nov-23	Sr-90	72.3%	0.5488	0.1298	0.1762	Yes
634774	160-52024-A-34-A	14-Nov-23	Sr-90	65.9%	-0.0226	0.0815	0.1364	No
634774	160-52024-A-36-A	14-Nov-23	Sr-90	68.8%	-0.1144	0.0890	0.1561	No
634774	160-52024-A-40-A	14-Nov-23	Sr-90	70.8%	0.1795	0.0874	0.1266	Yes
				Avg:[2]	0.2126			
				StDev:[2]	0.2613			
				|T|:[2]	2.4416	(Bias seen for matrix blank)		
				v_{eff}:[2]	9			
				Critical Value for |T|:[2]	2.262			

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0.166 pCi/g nominal spike level

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Acceptance Range Low	Acceptance Range High	<3.0μ_{MR}
634774	160-52024-A-12-A	14-Nov-23	Sr-90	70.1%	0.3564	0.0919	0.1169	0.0667	0.2653	No
634774	160-52024-A-16-A	14-Nov-23	Sr-90	73.3%	0.4401	0.1168	0.1572	0.0667	0.2653	No
634774	160-52024-A-17-A	14-Nov-23	Sr-90	64.6%	0.8564	0.1427	0.1658	0.0667	0.2653	No
634774	160-52024-A-22-A	14-Nov-23	Sr-90	70.8%	0.2324	0.1009	0.1472	0.0667	0.2653	Yes
634774	160-52024-A-23-A	14-Nov-23	Sr-90	63.1%	0.4752	0.1204	0.1576	0.0667	0.2653	No
634774	160-52024-A-27-A	14-Nov-23	Sr-90	67.9%	0.1523	0.1000	0.1508	0.0667	0.2653	Yes
634774	160-52024-A-29-A	14-Nov-23	Sr-90	62.6%	0.1859	0.1089	0.1625	0.0667	0.2653	Yes
634774	160-52024-A-33-A	14-Nov-23	Sr-90	65.5%	0.2308	0.1063	0.1540	0.0667	0.2653	Yes
634774	160-52024-A-37-A	14-Nov-23	Sr-90	71.6%	0.6290	0.1291	0.1662	0.0667	0.2653	No
634774	160-52024-A-38-A	14-Nov-23	Sr-90	71.4%	0.1535	0.0944	0.1414	0.0667	0.2653	Yes

Nominal Spike Value (pCi/g): 0.166
Ref Date: 9/17/2009
u_{MR}: 0.0331

Avg:[2] 0.3712
StDev:[2] 0.2325
|T|:[2,3] 2.785 (Relative bias seen)
v_{eff}:[2,3] 9.041
Critical Value for |T|:[2] 2.262

0.331 pCi/g nominal spike level

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Acceptance Range Low	Acceptance Range High	<3.0μ_{MR}	UncTotal>μ_{MR}[4]
634774	160-52024-A-13-A	14-Nov-23	Sr-90	65.3%	0.7232	0.1290	0.1519	0.2317	0.4303	No	Yes
634774	160-52024-A-14-A	14-Nov-23	Sr-90	67.8%	0.5395	0.1134	0.1376	0.2317	0.4303	No	Yes
634774	160-52024-A-18-A	14-Nov-23	Sr-90	72.1%	0.4824	0.1171	0.1558	0.2317	0.4303	No	Yes
634774	160-52024-A-21-A	14-Nov-23	Sr-90	71.1%	0.7370	0.1167	0.1245	0.2317	0.4303	No	Yes
634774	160-52024-A-25-A	14-Nov-23	Sr-90	66.7%	0.4069	0.1123	0.1484	0.2317	0.4303	Yes	Yes
634774	160-52024-A-26-A	14-Nov-23	Sr-90	69.4%	0.1232	0.1124	0.1757	0.2317	0.4303	No	Yes
634774	160-52024-A-31-A	14-Nov-23	Sr-90	70.1%	0.1917	0.0912	0.1332	0.2317	0.4303	No	Yes
634774	160-52024-A-32-A	14-Nov-23	Sr-90	67.0%	0.2655	0.1054	0.1501	0.2317	0.4303	Yes	Yes
634774	160-52024-A-35-A	14-Nov-23	Sr-90	68.3%	0.4321	0.1054	0.1326	0.2317	0.4303	No	Yes
634774	160-52024-A-39-A	14-Nov-23	Sr-90	66.7%	0.3149	0.1104	0.1544	0.2317	0.4303	Yes	Yes

Nominal Spike Value (pCi/g): 0.331
Ref Date: 9/17/2009
u_{MR}: 0.0331

Avg:[2] 0.4216
StDev:[2] 0.2071
|T|:[2,3] 1.368 (No relative bias seen)
v_{eff}:[2,3] 9.207
Critical Value for |T|:[2] 2.262

Notes:
1 - Yield corresponds to the carrier recovery (chemical yield) of the process
2 - Avg, StDev, Students T value (|T|), v_{eff}, and Critical Value for |T| calculated from results per MARLAP Appendix 6A
3 - The uncertainty value utilized for the standard/spike is 0.03 (3%)
4 - The project desired maximum relative uncertainty (1 sigma) at the action limit (0.331 pCi/g) is 10%
5 - The UncTotal is presented at 1 sigma

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Method Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Act>DLC?
634776	160-52024-A-1-B	08-Dec-23	Total Beta Strontium	68.2%	-0.0008	0.0338	0.0557	No
634776	160-52024-A-2-B	08-Dec-23	Total Beta Strontium	65.0%	-0.1376	0.0358	0.0704	No
634776	160-52024-A-3-B	08-Dec-23	Total Beta Strontium	71.5%	0.0993	0.0401	0.0573	Yes
634776	160-52024-A-4-B	08-Dec-23	Total Beta Strontium	65.2%	0.0692	0.0528	0.0821	No
634776	160-52024-A-5-B	08-Dec-23	Total Beta Strontium	68.4%	0.0431	0.0399	0.0619	No
634776	160-52024-A-6-B	08-Dec-23	Total Beta Strontium	65.5%	-0.0599	0.0389	0.0689	No
634776	160-52024-A-7-B	08-Dec-23	Total Beta Strontium	70.6%	0.0641	0.0384	0.0576	Yes
634776	160-52024-A-8-B	08-Dec-23	Total Beta Strontium	61.8%	0.0095	0.0441	0.0717	No
634776	160-52024-A-9-B	08-Dec-23	Total Beta Strontium	66.5%	-0.0185	0.0430	0.0721	No
634776	160-52024-A-10-B	08-Dec-23	Total Beta Strontium	65.9%	0.0730	0.0427	0.0640	Yes
				Avg:[2]	0.0141			
				StDev:[2]	0.0722			
				|T|:[2]	0.5870	(No absolute bias seen for method)		
				v_{eff}:[2]	9			
				Critical Value for |T|:[2]	2.262			

Matrix Blank

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Act>DLC?
634776	160-52024-A-11-B	08-Dec-23	Total Beta Strontium	70.9%	0.0707	0.0329	0.0471	Yes
634776	160-52024-A-15-B	08-Dec-23	Total Beta Strontium	72.9%	0.0511	0.0330	0.0493	Yes
634776	160-52024-A-19-B	08-Dec-23	Total Beta Strontium	79.0%	-0.0159	0.0308	0.0520	No
634776	160-52024-A-20-B	08-Dec-23	Total Beta Strontium	70.7%	-0.0245	0.0382	0.0648	No
634776	160-52024-A-24-B	11-Dec-23	Total Beta Strontium	71.6%	0.0813	0.0395	0.0581	Yes
634776	160-52024-A-28-B	11-Dec-23	Total Beta Strontium	73.8%	0.0355	0.0374	0.0585	No
634776	160-52024-A-30-B	13-Dec-23	Total Beta Strontium	79.9%	0.0264	0.0300	0.0470	No
634776	160-52024-A-34-B	13-Dec-23	Total Beta Strontium	74.6%	0.0559	0.0327	0.0484	Yes
634776	160-52024-A-36-B	13-Dec-23	Total Beta Strontium	76.1%	0.0505	0.0319	0.0475	Yes
634776	160-52024-A-40-B	13-Dec-23	Total Beta Strontium	77.7%	0.0991	0.0343	0.0473	Yes
				Avg:[2]	0.0430			
				StDev:[2]	0.0395			
				|T|:[2]	3.2673	(Bias seen for matrix blank)		
				v_{eff}:[2]	9			
				Critical Value for |T|:[2]	2.262			

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0.166 pCi/g nominal spike level

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Acceptance Range Low	Acceptance Range High	<3.0μ_{MR}
634776	160-52024-A-12-B	08-Dec-23	Total Beta Strontium	77.1%	0.1519	0.0365	0.0471	0.0667	0.2653	Yes
634776	160-52024-A-16-B	08-Dec-23	Total Beta Strontium	73.7%	0.2518	0.0435	0.0490	0.0667	0.2653	Yes
634776	160-52024-A-17-B	08-Dec-23	Total Beta Strontium	72.6%	0.2785	0.0477	0.0555	0.0667	0.2653	No
634776	160-52024-A-22-B	08-Dec-23	Total Beta Strontium	77.0%	0.1228	0.0366	0.0497	0.0667	0.2653	Yes
634776	160-52024-A-23-B	08-Dec-23	Total Beta Strontium	69.5%	0.2221	0.0503	0.0665	0.0667	0.2653	Yes
634776	160-52024-A-27-B	11-Dec-23	Total Beta Strontium	73.0%	0.1206	0.0409	0.0571	0.0667	0.2653	Yes
634776	160-52024-A-29-B	13-Dec-23	Total Beta Strontium	66.2%	0.0678	0.0365	0.0533	0.0667	0.2653	Yes
634776	160-52024-A-33-B	13-Dec-23	Total Beta Strontium	75.2%	0.0958	0.0346	0.0478	0.0667	0.2653	Yes
634776	160-52024-A-37-B	13-Dec-23	Total Beta Strontium	79.2%	0.1987	0.0401	0.0495	0.0667	0.2653	Yes
634776	160-52024-A-38-B	13-Dec-23	Total Beta Strontium	77.9%	0.2112	0.0415	0.0497	0.0667	0.2653	Yes

Nominal Spike Value (pCi/g): 0.166
Ref Date: 9/17/2009
u_{MR}: 0.0331

Avg:[2] 0.1721
StDev:[2] 0.0704
|T|:[2,3] 0.269 (No relative bias seen)
v_{eff}:[2,3] 9.450
Critical Value for |T|:[2] 2.262

0.331 pCi/g nominal spike level

Batch	SampleID	CountDateTime	Analyte	Yield[1]	Activity	UncTotal[5]	DLC	Acceptance Range Low	Acceptance Range High	<3.0μ_{MR}	UncTotal>μ_{MR}[4]
634776	160-52024-A-13-B	08-Dec-23	Total Beta Strontium	67.2%	0.2395	0.0487	0.0611	0.2317	0.4303	Yes	Yes
634776	160-52024-A-14-B	08-Dec-23	Total Beta Strontium	70.8%	0.2918	0.0542	0.0684	0.2317	0.4303	Yes	Yes
634776	160-52024-A-18-B	08-Dec-23	Total Beta Strontium	77.7%	0.2000	0.0405	0.0500	0.2317	0.4303	No	Yes
634776	160-52024-A-21-B	08-Dec-23	Total Beta Strontium	74.9%	0.2799	0.0502	0.0621	0.2317	0.4303	Yes	Yes
634776	160-52024-A-25-B	11-Dec-23	Total Beta Strontium	73.4%	0.4277	0.0606	0.0716	0.2317	0.4303	Yes	Yes
634776	160-52024-A-26-B	11-Dec-23	Total Beta Strontium	75.8%	0.4053	0.0518	0.0533	0.2317	0.4303	Yes	Yes
634776	160-52024-A-31-B	13-Dec-23	Total Beta Strontium	76.9%	0.2255	0.0423	0.0517	0.2317	0.4303	No	Yes
634776	160-52024-A-32-B	13-Dec-23	Total Beta Strontium	75.4%	0.3319	0.0538	0.0651	0.2317	0.4303	Yes	Yes
634776	160-52024-A-35-B	13-Dec-23	Total Beta Strontium	77.0%	0.2655	0.0455	0.0529	0.2317	0.4303	Yes	Yes
634776	160-52024-A-39-B	13-Dec-23	Total Beta Strontium	73.1%	0.3899	0.0572	0.0663	0.2317	0.4303	Yes	Yes

Nominal Spike Value (pCi/g): 0.331
Ref Date: 9/17/2009
u_{MR}: 0.0331

Avg:[2] 0.3057
StDev:[2] 0.0796
|T|:[2,3] 0.935 (No relative bias seen)
v_{eff}:[2,3] 10.400
Critical Value for |T|:[2] 2.228

Notes:
1 - Yield corresponds to the carrier recovery (chemical yield) of the process
2 - Avg, StDev, Students T value (|T|), v_{eff}, and Critical Value for |T| calculated from results per MARLAP Appendix 6A
3 - The uncertainty value utilized for the standard/spike is 0.03 (3%)
4 - The project desired maximum relative uncertainty (1 sigma) at the action limit (0.331 pCi/g) is 10%
5 - The UncTotal is presented at 1 sigma

Definitions/Glossary

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Qualifiers

Rad

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Method	Method Description	Protocol	Laboratory
905	Strontium-90 (GFPC)	EPA	EET SL
905.0	Total Beta Strontium (GFPC)	DOE	EET SL
DPS-0	Preparation, Digestion/ Precipitate	None	EET SL
DPS-7	Preparation, Digestion/Precipitate Separation (7-Day In-Growth)	None	EET SL

Protocol References:

DOE = U.S. Department of Energy
EPA = US Environmental Protection Agency
None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Aptim Federal Services LLC
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Job ID: 160-52024-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-52024-1	Method Blank 1	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-2	Method Blank 2	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-3	Method Blank 3	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-4	Method Blank 4	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-5	Method Blank 5	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-6	Method Blank 6	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-7	Method Blank 7	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-8	Method Blank 8	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-9	Method Blank 9	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-10	Method Blank 10	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-11	Blind Sample 11	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-12	Blind Sample 12	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-13	Blind Sample 13	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-14	Blind Sample 14	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-15	Blind Sample 15	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-16	Blind Sample 16	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-17	Blind Sample 17	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-18	Blind Sample 18	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-19	Blind Sample 19	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-20	Blind Sample 20	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-21	Blind Sample 21	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-22	Blind Sample 22	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-23	Blind Sample 23	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-24	Blind Sample 24	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-25	Blind Sample 25	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-26	Blind Sample 26	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-27	Blind Sample 27	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-28	Blind Sample 28	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-29	Blind Sample 29	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-30	Blind Sample 30	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-31	Blind Sample 31	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-32	Blind Sample 32	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-33	Blind Sample 33	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-34	Blind Sample 34	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-35	Blind Sample 35	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-36	Blind Sample 36	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-37	Blind Sample 37	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-38	Blind Sample 38	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-39	Blind Sample 39	Solid	10/31/23 00:00	11/01/23 00:00
160-52024-40	Blind Sample 40	Solid	10/31/23 00:00	11/01/23 00:00

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Method Blank 1
Lab Sample ID: 160-52024-1
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.000811	U	0.0677	0.0677	0.331	0.0557	pCi/g	11/01/23 13:25	12/08/23 21:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*68.2*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:04*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	**0.287**		0.226	0.227	0.331	0.162	pCi/g	11/01/23 13:17	11/14/23 15:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*68.2*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:33*	*1*
Y Carrier	*94.6*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:33*	*1*

Client Sample ID: Method Blank 2
Lab Sample ID: 160-52024-2
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.138	U	0.0709	0.0715	0.331	0.0704	pCi/g	11/01/23 13:25	12/08/23 21:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*65.0*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:04*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0754	U	0.211	0.211	0.331	0.167	pCi/g	11/01/23 13:17	11/14/23 15:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*65.0*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:33*	*1*
Y Carrier	*98.7*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:33*	*1*

Client Sample ID: Method Blank 3
Lab Sample ID: 160-52024-3
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.0993**		0.0799	0.0802	0.331	0.0573	pCi/g	11/01/23 13:25	12/08/23 21:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*71.5*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:05*	*1*

Client Sample Results

Client: Aptim Federal Services LLC
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Job ID: 160-52024-1

Client Sample ID: Method Blank 3

Lab Sample ID: 160-52024-3
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.207		0.217	0.217	0.331	0.161	pCi/g	11/01/23 13:17	11/14/23 15:33	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	71.5		30 - 110	11/01/23 13:17	11/14/23 15:33	1
Y Carrier	90.1		30 - 110	11/01/23 13:17	11/14/23 15:33	1

Client Sample ID: Method Blank 4

Lab Sample ID: 160-52024-4
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0692	U	0.105	0.106	0.331	0.0821	pCi/g	11/01/23 13:25	12/08/23 21:06	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	65.2		30 - 110	11/01/23 13:25	12/08/23 21:06	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.451		0.263	0.266	0.331	0.182	pCi/g	11/01/23 13:17	11/14/23 15:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	65.2		30 - 110	11/01/23 13:17	11/14/23 15:36	1
Y Carrier	92.7		30 - 110	11/01/23 13:17	11/14/23 15:36	1

Client Sample ID: Method Blank 5

Lab Sample ID: 160-52024-5
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0431	U	0.0797	0.0797	0.331	0.0619	pCi/g	11/01/23 13:25	12/08/23 21:06	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	68.4		30 - 110	11/01/23 13:25	12/08/23 21:06	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.293		0.252	0.253	0.331	0.187	pCi/g	11/01/23 13:17	11/14/23 15:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	68.4		30 - 110	11/01/23 13:17	11/14/23 15:36	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Method Blank 5
Lab Sample ID: 160-52024-5
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	99.8		30 - 110	11/01/23 13:17	11/14/23 15:36	1

Client Sample ID: Method Blank 6
Lab Sample ID: 160-52024-6
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.0599	U	0.0776	0.0777	0.331	0.0689	pCi/g	11/01/23 13:25	12/08/23 21:41	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	65.5		30 - 110	11/01/23 13:25	12/08/23 21:41	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.0432	U	0.265	0.265	0.331	0.221	pCi/g	11/01/23 13:17	11/14/23 15:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	65.5		30 - 110	11/01/23 13:17	11/14/23 15:36	1
Y Carrier	92.7		30 - 110	11/01/23 13:17	11/14/23 15:36	1

Client Sample ID: Method Blank 7
Lab Sample ID: 160-52024-7
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.0641**		0.0767	0.0769	0.331	0.0576	pCi/g	11/01/23 13:25	12/08/23 21:07	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.6		30 - 110	11/01/23 13:25	12/08/23 21:07	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0785	U	0.202	0.203	0.331	0.159	pCi/g	11/01/23 13:17	11/14/23 15:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.6		30 - 110	11/01/23 13:17	11/14/23 15:36	1
Y Carrier	89.7		30 - 110	11/01/23 13:17	11/14/23 15:36	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Method Blank 8
Lab Sample ID: 160-52024-8
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.00951	U	0.0881	0.0881	0.331	0.0717	pCi/g	11/01/23 13:25	12/08/23 21:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*61.8*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:18*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	**0.541**		0.282	0.285	0.331	0.189	pCi/g	11/01/23 13:17	11/14/23 15:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*61.8*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:36*	*1*
Y Carrier	*91.2*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:36*	*1*

Client Sample ID: Method Blank 9
Lab Sample ID: 160-52024-9
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.0185	U	0.0860	0.0860	0.331	0.0721	pCi/g	11/01/23 13:25	12/08/23 21:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*66.5*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:18*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.00705	U	0.215	0.215	0.331	0.176	pCi/g	11/01/23 13:17	11/14/23 15:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*66.5*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:37*	*1*
Y Carrier	*88.6*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:37*	*1*

Client Sample ID: Method Blank 10
Lab Sample ID: 160-52024-10
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.0730**		0.0853	0.0854	0.331	0.0640	pCi/g	11/01/23 13:25	12/08/23 21:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*65.9*		*30 - 110*	*11/01/23 13:25*	*12/08/23 21:19*	*1*

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Method Blank 10
Lab Sample ID: 160-52024-10
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.457		0.246	0.249	0.331	0.167	pCi/g	11/01/23 13:17	11/14/23 15:37	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	65.9		30 - 110	11/01/23 13:17	11/14/23 15:37	1
Y Carrier	95.7		30 - 110	11/01/23 13:17	11/14/23 15:37	1

Client Sample ID: Blind Sample 11
Lab Sample ID: 160-52024-11
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0707		0.0655	0.0657	0.331	0.0471	pCi/g	11/01/23 13:25	12/08/23 20:52	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.9		30 - 110	11/01/23 13:25	12/08/23 20:52	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.548		0.232	0.237	0.331	0.146	pCi/g	11/01/23 13:17	11/14/23 15:37	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.9		30 - 110	11/01/23 13:17	11/14/23 15:37	1
Y Carrier	88.6		30 - 110	11/01/23 13:17	11/14/23 15:37	1

Client Sample ID: Blind Sample 12
Lab Sample ID: 160-52024-12
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.152		0.0723	0.0731	0.331	0.0471	pCi/g	11/01/23 13:25	12/08/23 20:53	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.1		30 - 110	11/01/23 13:25	12/08/23 20:53	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.356		0.181	0.184	0.331	0.117	pCi/g	11/01/23 13:17	11/14/23 15:38	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.1		30 - 110	11/01/23 13:17	11/14/23 15:38	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 12
Lab Sample ID: 160-52024-12
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	90.8		30 - 110	11/01/23 13:17	11/14/23 15:38	1

Client Sample ID: Blind Sample 13
Lab Sample ID: 160-52024-13
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.239		0.0960	0.0974	0.331	0.0611	pCi/g	11/01/23 13:25	12/08/23 20:53	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	67.2		30 - 110	11/01/23 13:25	12/08/23 20:53	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.723		0.251	0.258	0.331	0.152	pCi/g	11/01/23 13:17	11/14/23 15:45	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	67.2		30 - 110	11/01/23 13:17	11/14/23 15:45	1
Y Carrier	97.2		30 - 110	11/01/23 13:17	11/14/23 15:45	1

Client Sample ID: Blind Sample 14
Lab Sample ID: 160-52024-14
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.292		0.106	0.108	0.331	0.0684	pCi/g	11/01/23 13:25	12/08/23 20:53	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.8		30 - 110	11/01/23 13:25	12/08/23 20:53	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.540		0.222	0.227	0.331	0.138	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.8		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	95.7		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 15
Lab Sample ID: 160-52024-15
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0511		0.0658	0.0659	0.331	0.0493	pCi/g	11/01/23 13:25	12/08/23 20:53	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.9		30 - 110	11/01/23 13:25	12/08/23 20:53	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.563		0.253	0.257	0.331	0.167	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.9		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	91.2		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 16
Lab Sample ID: 160-52024-16
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.252		0.0852	0.0870	0.331	0.0490	pCi/g	11/01/23 13:25	12/08/23 20:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.7		30 - 110	11/01/23 13:25	12/08/23 20:54	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.440		0.231	0.234	0.331	0.157	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.7		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	99.4		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 17
Lab Sample ID: 160-52024-17
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.279		0.0934	0.0954	0.331	0.0555	pCi/g	11/01/23 13:25	12/08/23 20:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.6		30 - 110	11/01/23 13:25	12/08/23 20:54	1

Client Sample Results

Client: Aptim Federal Services LLC
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Job ID: 160-52024-1

Client Sample ID: Blind Sample 17

Lab Sample ID: 160-52024-17
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.856		0.277	0.285	0.331	0.166	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	72.6		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	89.0		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 18

Lab Sample ID: 160-52024-18
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.200		0.0797	0.0809	0.331	0.0500	pCi/g	11/01/23 13:25	12/08/23 20:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.7		30 - 110	11/01/23 13:25	12/08/23 20:54	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.482		0.231	0.234	0.331	0.156	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.7		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	92.7		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 19

Lab Sample ID: 160-52024-19
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.0159	U	0.0615	0.0615	0.331	0.0520	pCi/g	11/01/23 13:25	12/08/23 20:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.0		30 - 110	11/01/23 13:25	12/08/23 20:54	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.165		0.194	0.194	0.331	0.146	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.0		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 19
Lab Sample ID: 160-52024-19
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	93.8		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 20
Lab Sample ID: 160-52024-20
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	-0.0245	U	0.0764	0.0764	0.331	0.0648	pCi/g	11/01/23 13:25	12/08/23 21:17	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.7		30 - 110	11/01/23 13:25	12/08/23 21:17	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.268		0.226	0.227	0.331	0.163	pCi/g	11/01/23 13:17	11/14/23 15:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	70.7		30 - 110	11/01/23 13:17	11/14/23 15:46	1
Y Carrier	87.9		30 - 110	11/01/23 13:17	11/14/23 15:46	1

Client Sample ID: Blind Sample 21
Lab Sample ID: 160-52024-21
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.280		0.0986	0.100	0.331	0.0621	pCi/g	11/01/23 13:25	12/08/23 21:17	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.9		30 - 110	11/01/23 13:25	12/08/23 21:17	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.737		0.225	0.233	0.331	0.125	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.9		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	95.0		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 22
Lab Sample ID: 160-52024-22
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.123		0.0727	0.0732	0.331	0.0497	pCi/g	11/01/23 13:25	12/08/23 21:17	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		30 - 110	11/01/23 13:25	12/08/23 21:17	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.232		0.201	0.202	0.331	0.147	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	92.0		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 23
Lab Sample ID: 160-52024-23
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.222		0.0993	0.101	0.331	0.0665	pCi/g	11/01/23 13:25	12/08/23 21:04	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	69.5		30 - 110	11/01/23 13:25	12/08/23 21:04	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.475		0.238	0.241	0.331	0.158	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	69.5		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	90.8		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 24
Lab Sample ID: 160-52024-24
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0813		0.0789	0.0791	0.331	0.0581	pCi/g	11/01/23 13:25	12/11/23 13:52	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	71.6		30 - 110	11/01/23 13:25	12/11/23 13:52	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 24
Lab Sample ID: 160-52024-24
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.0470	U	0.177	0.177	0.331	0.150	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*71.6*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:48*	*1*
Y Carrier	*92.7*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:48*	*1*

Client Sample ID: Blind Sample 25
Lab Sample ID: 160-52024-25
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.428**		0.117	0.121	0.331	0.0716	pCi/g	11/01/23 13:25	12/11/23 13:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*73.4*		*30 - 110*	*11/01/23 13:25*	*12/11/23 13:52*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	**0.407**		0.222	0.225	0.331	0.148	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*73.4*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:48*	*1*
Y Carrier	*90.8*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:48*	*1*

Client Sample ID: Blind Sample 26
Lab Sample ID: 160-52024-26
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	**0.405**		0.0996	0.104	0.331	0.0533	pCi/g	11/01/23 13:25	12/11/23 14:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*75.8*		*30 - 110*	*11/01/23 13:25*	*12/11/23 14:01*	*1*

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.123	U	0.225	0.225	0.331	0.176	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Sr Carrier	*75.8*		*30 - 110*	*11/01/23 13:17*	*11/14/23 15:48*	*1*

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 26
Lab Sample ID: 160-52024-26
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	91.6		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 27
Lab Sample ID: 160-52024-27
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.121		0.0813	0.0817	0.331	0.0571	pCi/g	11/01/23 13:25	12/11/23 14:01	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.0		30 - 110	11/01/23 13:25	12/11/23 14:01	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.152		0.200	0.200	0.331	0.151	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.0		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	93.1		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 28
Lab Sample ID: 160-52024-28
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0355	U	0.0747	0.0747	0.331	0.0585	pCi/g	11/01/23 13:25	12/11/23 13:55	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.8		30 - 110	11/01/23 13:25	12/11/23 13:55	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.0386	U	0.230	0.230	0.331	0.186	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.8		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	98.7		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 29
Lab Sample ID: 160-52024-29
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0678		0.0728	0.0730	0.331	0.0533	pCi/g	11/01/23 13:25	12/13/23 07:31	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	66.2		30 - 110	11/01/23 13:25	12/13/23 07:31	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.186		0.217	0.218	0.331	0.163	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	66.2		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	94.6		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 30
Lab Sample ID: 160-52024-30
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0264	U	0.0600	0.0600	0.331	0.0470	pCi/g	11/01/23 13:25	12/13/23 07:31	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		30 - 110	11/01/23 13:25	12/13/23 07:31	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.549		0.256	0.260	0.331	0.176	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.9		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	90.5		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 31
Lab Sample ID: 160-52024-31
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.226		0.0831	0.0845	0.331	0.0517	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.9		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Client Sample Results

Client: Aptim Federal Services LLC
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Job ID: 160-52024-1

Client Sample ID: Blind Sample 31

Lab Sample ID: 160-52024-31
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.192		0.182	0.182	0.331	0.133	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.9		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	91.2		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 32

Lab Sample ID: 160-52024-32
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.332		0.105	0.108	0.331	0.0651	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	75.4		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.266		0.210	0.211	0.331	0.150	pCi/g	11/01/23 13:17	11/14/23 15:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	75.4		30 - 110	11/01/23 13:17	11/14/23 15:48	1
Y Carrier	89.0		30 - 110	11/01/23 13:17	11/14/23 15:48	1

Client Sample ID: Blind Sample 33

Lab Sample ID: 160-52024-33
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0958		0.0689	0.0692	0.331	0.0478	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	75.2		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.231		0.212	0.213	0.331	0.154	pCi/g	11/01/23 13:17	11/14/23 15:49	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	75.2		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 33
Lab Sample ID: 160-52024-33
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	87.1		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample ID: Blind Sample 34
Lab Sample ID: 160-52024-34
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0559		0.0654	0.0655	0.331	0.0484	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.6		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.0226	U	0.163	0.163	0.331	0.136	pCi/g	11/01/23 13:17	11/14/23 15:49	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	74.6		30 - 110	11/01/23 13:17	11/14/23 15:49	1
Y Carrier	88.2		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample ID: Blind Sample 35
Lab Sample ID: 160-52024-35
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.265		0.0890	0.0909	0.331	0.0529	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.432		0.208	0.211	0.331	0.133	pCi/g	11/01/23 13:17	11/14/23 15:49	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.0		30 - 110	11/01/23 13:17	11/14/23 15:49	1
Y Carrier	88.6		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 36
Lab Sample ID: 160-52024-36
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0505		0.0636	0.0637	0.331	0.0475	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.1		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	-0.114	U	0.178	0.178	0.331	0.156	pCi/g	11/01/23 13:17	11/14/23 15:49	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	76.1		30 - 110	11/01/23 13:17	11/14/23 15:49	1
Y Carrier	90.5		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample ID: Blind Sample 37
Lab Sample ID: 160-52024-37
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.199		0.0789	0.0802	0.331	0.0495	pCi/g	11/01/23 13:25	12/13/23 07:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.2		30 - 110	11/01/23 13:25	12/13/23 07:32	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.629		0.253	0.258	0.331	0.166	pCi/g	11/01/23 13:17	11/14/23 15:49	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	79.2		30 - 110	11/01/23 13:17	11/14/23 15:49	1
Y Carrier	90.5		30 - 110	11/01/23 13:17	11/14/23 15:49	1

Client Sample ID: Blind Sample 38
Lab Sample ID: 160-52024-38
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.211		0.0817	0.0830	0.331	0.0497	pCi/g	11/01/23 13:25	12/13/23 07:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.9		30 - 110	11/01/23 13:25	12/13/23 07:30	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 38
Lab Sample ID: 160-52024-38
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.154		0.188	0.189	0.331	0.141	pCi/g	11/01/23 13:17	11/14/23 15:50	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.9		30 - 110	11/01/23 13:17	11/14/23 15:50	1
Y Carrier	91.6		30 - 110	11/01/23 13:17	11/14/23 15:50	1

Client Sample ID: Blind Sample 39
Lab Sample ID: 160-52024-39
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.390		0.111	0.114	0.331	0.0663	pCi/g	11/01/23 13:25	12/13/23 07:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.1		30 - 110	11/01/23 13:25	12/13/23 07:30	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.315		0.219	0.221	0.331	0.154	pCi/g	11/01/23 13:17	11/14/23 15:50	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	73.1		30 - 110	11/01/23 13:17	11/14/23 15:50	1
Y Carrier	91.2		30 - 110	11/01/23 13:17	11/14/23 15:50	1

Client Sample ID: Blind Sample 40
Lab Sample ID: 160-52024-40
Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: DOE 905.0 - Total Beta Strontium (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Total Beta Strontium	0.0991		0.0683	0.0687	0.331	0.0473	pCi/g	11/01/23 13:25	12/13/23 07:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.7		30 - 110	11/01/23 13:25	12/13/23 07:30	1

Method: EPA 905 - Strontium-90 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	LOQ	DLC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.180		0.174	0.175	0.331	0.127	pCi/g	11/01/23 13:17	11/14/23 15:50	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Sr Carrier	77.7		30 - 110	11/01/23 13:17	11/14/23 15:50	1

Client Sample Results

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Client Sample ID: Blind Sample 40
Lab Sample ID: 160-52024-40

Date Collected: 10/31/23 00:00
Matrix: Solid
Date Received: 11/01/23 00:00

Method: EPA 905 - Strontium-90 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	91.2		30 - 110	11/01/23 13:17	11/14/23 15:50	1

QC Association Summary

Client: Aptim Federal Services LLC
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Job ID: 160-52024-1

Rad

Prep Batch: 634774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-52024-1	Method Blank 1	Total/NA	Solid	DPS-7	
160-52024-2	Method Blank 2	Total/NA	Solid	DPS-7	
160-52024-3	Method Blank 3	Total/NA	Solid	DPS-7	
160-52024-4	Method Blank 4	Total/NA	Solid	DPS-7	
160-52024-5	Method Blank 5	Total/NA	Solid	DPS-7	
160-52024-6	Method Blank 6	Total/NA	Solid	DPS-7	
160-52024-7	Method Blank 7	Total/NA	Solid	DPS-7	
160-52024-8	Method Blank 8	Total/NA	Solid	DPS-7	
160-52024-9	Method Blank 9	Total/NA	Solid	DPS-7	
160-52024-10	Method Blank 10	Total/NA	Solid	DPS-7	
160-52024-11	Blind Sample 11	Total/NA	Solid	DPS-7	
160-52024-12	Blind Sample 12	Total/NA	Solid	DPS-7	
160-52024-13	Blind Sample 13	Total/NA	Solid	DPS-7	
160-52024-14	Blind Sample 14	Total/NA	Solid	DPS-7	
160-52024-15	Blind Sample 15	Total/NA	Solid	DPS-7	
160-52024-16	Blind Sample 16	Total/NA	Solid	DPS-7	
160-52024-17	Blind Sample 17	Total/NA	Solid	DPS-7	
160-52024-18	Blind Sample 18	Total/NA	Solid	DPS-7	
160-52024-19	Blind Sample 19	Total/NA	Solid	DPS-7	
160-52024-20	Blind Sample 20	Total/NA	Solid	DPS-7	
160-52024-21	Blind Sample 21	Total/NA	Solid	DPS-7	
160-52024-22	Blind Sample 22	Total/NA	Solid	DPS-7	
160-52024-23	Blind Sample 23	Total/NA	Solid	DPS-7	
160-52024-24	Blind Sample 24	Total/NA	Solid	DPS-7	
160-52024-25	Blind Sample 25	Total/NA	Solid	DPS-7	
160-52024-26	Blind Sample 26	Total/NA	Solid	DPS-7	
160-52024-27	Blind Sample 27	Total/NA	Solid	DPS-7	
160-52024-28	Blind Sample 28	Total/NA	Solid	DPS-7	
160-52024-29	Blind Sample 29	Total/NA	Solid	DPS-7	
160-52024-30	Blind Sample 30	Total/NA	Solid	DPS-7	
160-52024-31	Blind Sample 31	Total/NA	Solid	DPS-7	
160-52024-32	Blind Sample 32	Total/NA	Solid	DPS-7	
160-52024-33	Blind Sample 33	Total/NA	Solid	DPS-7	
160-52024-34	Blind Sample 34	Total/NA	Solid	DPS-7	
160-52024-35	Blind Sample 35	Total/NA	Solid	DPS-7	
160-52024-36	Blind Sample 36	Total/NA	Solid	DPS-7	
160-52024-37	Blind Sample 37	Total/NA	Solid	DPS-7	
160-52024-38	Blind Sample 38	Total/NA	Solid	DPS-7	
160-52024-39	Blind Sample 39	Total/NA	Solid	DPS-7	
160-52024-40	Blind Sample 40	Total/NA	Solid	DPS-7	

Prep Batch: 634776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-52024-1	Method Blank 1	Total/NA	Solid	DPS-0	
160-52024-2	Method Blank 2	Total/NA	Solid	DPS-0	
160-52024-3	Method Blank 3	Total/NA	Solid	DPS-0	
160-52024-4	Method Blank 4	Total/NA	Solid	DPS-0	
160-52024-5	Method Blank 5	Total/NA	Solid	DPS-0	
160-52024-6	Method Blank 6	Total/NA	Solid	DPS-0	
160-52024-7	Method Blank 7	Total/NA	Solid	DPS-0	
160-52024-8	Method Blank 8	Total/NA	Solid	DPS-0	

QC Association Summary

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Rad (Continued)

Prep Batch: 634776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-52024-9	Method Blank 9	Total/NA	Solid	DPS-0	
160-52024-10	Method Blank 10	Total/NA	Solid	DPS-0	
160-52024-11	Blind Sample 11	Total/NA	Solid	DPS-0	
160-52024-12	Blind Sample 12	Total/NA	Solid	DPS-0	
160-52024-13	Blind Sample 13	Total/NA	Solid	DPS-0	
160-52024-14	Blind Sample 14	Total/NA	Solid	DPS-0	
160-52024-15	Blind Sample 15	Total/NA	Solid	DPS-0	
160-52024-16	Blind Sample 16	Total/NA	Solid	DPS-0	
160-52024-17	Blind Sample 17	Total/NA	Solid	DPS-0	
160-52024-18	Blind Sample 18	Total/NA	Solid	DPS-0	
160-52024-19	Blind Sample 19	Total/NA	Solid	DPS-0	
160-52024-20	Blind Sample 20	Total/NA	Solid	DPS-0	
160-52024-21	Blind Sample 21	Total/NA	Solid	DPS-0	
160-52024-22	Blind Sample 22	Total/NA	Solid	DPS-0	
160-52024-23	Blind Sample 23	Total/NA	Solid	DPS-0	
160-52024-24	Blind Sample 24	Total/NA	Solid	DPS-0	
160-52024-25	Blind Sample 25	Total/NA	Solid	DPS-0	
160-52024-26	Blind Sample 26	Total/NA	Solid	DPS-0	
160-52024-27	Blind Sample 27	Total/NA	Solid	DPS-0	
160-52024-28	Blind Sample 28	Total/NA	Solid	DPS-0	
160-52024-29	Blind Sample 29	Total/NA	Solid	DPS-0	
160-52024-30	Blind Sample 30	Total/NA	Solid	DPS-0	
160-52024-31	Blind Sample 31	Total/NA	Solid	DPS-0	
160-52024-32	Blind Sample 32	Total/NA	Solid	DPS-0	
160-52024-33	Blind Sample 33	Total/NA	Solid	DPS-0	
160-52024-34	Blind Sample 34	Total/NA	Solid	DPS-0	
160-52024-35	Blind Sample 35	Total/NA	Solid	DPS-0	
160-52024-36	Blind Sample 36	Total/NA	Solid	DPS-0	
160-52024-37	Blind Sample 37	Total/NA	Solid	DPS-0	
160-52024-38	Blind Sample 38	Total/NA	Solid	DPS-0	
160-52024-39	Blind Sample 39	Total/NA	Solid	DPS-0	
160-52024-40	Blind Sample 40	Total/NA	Solid	DPS-0	

Tracer/Carrier Summary

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Method: 905 - Strontium-90 (GFPC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Sr (30-110)	Y (30-110)
160-52024-1	Method Blank 1	68.2	94.6
160-52024-2	Method Blank 2	65.0	98.7
160-52024-3	Method Blank 3	71.5	90.1
160-52024-4	Method Blank 4	65.2	92.7
160-52024-5	Method Blank 5	68.4	99.8
160-52024-6	Method Blank 6	65.5	92.7
160-52024-7	Method Blank 7	70.6	89.7
160-52024-8	Method Blank 8	61.8	91.2
160-52024-9	Method Blank 9	66.5	88.6
160-52024-10	Method Blank 10	65.9	95.7
160-52024-11	Blind Sample 11	70.9	88.6
160-52024-12	Blind Sample 12	77.1	90.8
160-52024-13	Blind Sample 13	67.2	97.2
160-52024-14	Blind Sample 14	70.8	95.7
160-52024-15	Blind Sample 15	72.9	91.2
160-52024-16	Blind Sample 16	73.7	99.4
160-52024-17	Blind Sample 17	72.6	89.0
160-52024-18	Blind Sample 18	77.7	92.7
160-52024-19	Blind Sample 19	79.0	93.8
160-52024-20	Blind Sample 20	70.7	87.9
160-52024-21	Blind Sample 21	74.9	95.0
160-52024-22	Blind Sample 22	77.0	92.0
160-52024-23	Blind Sample 23	69.5	90.8
160-52024-24	Blind Sample 24	71.6	92.7
160-52024-25	Blind Sample 25	73.4	90.8
160-52024-26	Blind Sample 26	75.8	91.6
160-52024-27	Blind Sample 27	73.0	93.1
160-52024-28	Blind Sample 28	73.8	98.7
160-52024-29	Blind Sample 29	66.2	94.6
160-52024-30	Blind Sample 30	79.9	90.5
160-52024-31	Blind Sample 31	76.9	91.2
160-52024-32	Blind Sample 32	75.4	89.0
160-52024-33	Blind Sample 33	75.2	87.1
160-52024-34	Blind Sample 34	74.6	88.2
160-52024-35	Blind Sample 35	77.0	88.6
160-52024-36	Blind Sample 36	76.1	90.5
160-52024-37	Blind Sample 37	79.2	90.5
160-52024-38	Blind Sample 38	77.9	91.6
160-52024-39	Blind Sample 39	73.1	91.2
160-52024-40	Blind Sample 40	77.7	91.2

Tracer/Carrier Legend

Sr = Sr Carrier
Y = Y Carrier

Tracer/Carrier Summary

Client: Aptim Federal Services LLC
Job ID: 160-52024-1
Project/Site: 905.0 Method Validation Study_Sr90/Total Beta S

Method: 905.0 - Total Beta Strontium (GFPC)

Matrix: Solid
Prep Type: Total/NA

		Percent Yield (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**Sr (30-110)**							
160-52024-1	Method Blank 1	68.2							
160-52024-2	Method Blank 2	65.0							
160-52024-3	Method Blank 3	71.5							
160-52024-4	Method Blank 4	65.2							
160-52024-5	Method Blank 5	68.4							
160-52024-6	Method Blank 6	65.5							
160-52024-7	Method Blank 7	70.6							
160-52024-8	Method Blank 8	61.8							
160-52024-9	Method Blank 9	66.5							
160-52024-10	Method Blank 10	65.9							
160-52024-11	Blind Sample 11	70.9							
160-52024-12	Blind Sample 12	77.1							
160-52024-13	Blind Sample 13	67.2							
160-52024-14	Blind Sample 14	70.8							
160-52024-15	Blind Sample 15	72.9							
160-52024-16	Blind Sample 16	73.7							
160-52024-17	Blind Sample 17	72.6							
160-52024-18	Blind Sample 18	77.7							
160-52024-19	Blind Sample 19	79.0							
160-52024-20	Blind Sample 20	70.7							
160-52024-21	Blind Sample 21	74.9							
160-52024-22	Blind Sample 22	77.0							
160-52024-23	Blind Sample 23	69.5							
160-52024-24	Blind Sample 24	71.6							
160-52024-25	Blind Sample 25	73.4							
160-52024-26	Blind Sample 26	75.8							
160-52024-27	Blind Sample 27	73.0							
160-52024-28	Blind Sample 28	73.8							
160-52024-29	Blind Sample 29	66.2							
160-52024-30	Blind Sample 30	79.9							
160-52024-31	Blind Sample 31	76.9							
160-52024-32	Blind Sample 32	75.4							
160-52024-33	Blind Sample 33	75.2							
160-52024-34	Blind Sample 34	74.6							
160-52024-35	Blind Sample 35	77.0							
160-52024-36	Blind Sample 36	76.1							
160-52024-37	Blind Sample 37	79.2							
160-52024-38	Blind Sample 38	77.9							
160-52024-39	Blind Sample 39	73.1							
160-52024-40	Blind Sample 40	77.7							

Tracer/Carrier Legend

Sr = Sr Carrier

Attachment 2
Mixed Analyte Performance Evaluation Program (MAPEP)-38 Soil Study Reference Values

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MAPEP Mixed Analyte Performance Evaluation Program

Study Reference Values

MAPEP-18-MaS38

Radiological Reference Date: 02/01/2018

Analyte	Ref Value	Ref Unc	Tot Mtl Ref Val	Tot Mtl Ref Unc
Inorganic				Units: (mg/kg)
Antimony	17.0	1.2	19.7	0.4
Arsenic	63.6	1.1	66.0	1.1
Barium	429	6	900	14
Beryllium	51.5	1.0	52.1	1.1
Cadmium	8.68	0.17	8.77	0.17
Chromium	21.8	1.4	71	5
Cobalt	241	5	243	5
Copper	352	7	357	7
Lead	15.2	0.3	19.3	1.2
Mercury	0.164	0.003	0.164	0.003
Nickel	254	5	257	5
Selenium	4.97	0.10	5.12	0.13
Silver	40.3	0.4	40.5	0.4
Technetium-99	1.55E-3	3E-5	1.55E-3	3E-5
Thallium	53.8	1.1	54.2	1.1
Uranium-235	0.0373	0.0014	0.0373	0.0014
Uranium-238	11.3	0.3	11.3	0.3
Uranium-Total	11.4	0.3	11.4	0.3
Vanadium	142	3	199	4
Zinc	205	4	220	10

Analyte	Ref Value	Ref Unc
Radiological		Units: (Bq/kg)
Cesium-137	4.6	0.5
Cobalt-57	826	17
Cobalt-60	560	11
Manganese-54	1010	20
Plutonium-238	45.2	0.9
Plutonium-239/240	50.8	1.1
Potassium-40	577	15
Technetium-99	980	20
Uranium-234	52.9	1.6
Uranium-238	141	4
Zinc-65	960	20

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APPENDIX F
LABORATORY REPORTS
(AVAILABLE UPON REQUEST)