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**TECHNICAL MEMORANDUM**  
**SUBAREA 7, ROUND 2, SOIL SAMPLE RESULTS**  
**SANTA SUSANA FIELD LABORATORY SITE**  
**AREA IV RADIOLOGICAL STUDY**

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**DATE:** November 26, 2012  
**SUBJECT:** Subarea 7, Round 2 Soil Sample Results

**CONTRACT NO:** EP-S7-05-05  
**TASK ORDER NO:** 0038

## **1.0 INTRODUCTION**

HydroGeoLogic, Inc. (HGL) is conducting a comprehensive radiological characterization study of Area IV and the Northern Buffer Zone (NBZ) at the Santa Susana Field Laboratory (SSFL) site in Ventura County, California. This work is being executed under U.S. Environmental Protection Agency (USEPA) Region 7 Architect and Engineering Services Contract EP-S7-05-05, Task Order 0038. The technical lead on the project is USEPA Region 9.

As part of the radiological study, surface and subsurface soil samples were collected from locations identified from geophysical surveys, gamma scanning, historical aerial photographs and findings of the Historical Site Assessment. Sampling efforts in the study area were divided into subareas. Analytical results from the Round 1 sampling activities were reviewed in conjunction with the aforementioned lines of evidence, and sample locations were targeted for further investigation in the Round 2 soil sampling effort. This technical memorandum documents the soil sampling activities, analytical results, and conclusions of the Subarea 7 Round 2 soil sampling. The primary objective of the soil sampling effort was to further investigate potential radionuclide contamination by laterally and vertically delineating radionuclide concentrations that exceeded project established Radiological Trigger Levels (RTL) detected during Round 1 sampling activities. This objective was achieved through the collection and analysis of step-out surface, subsurface and drainage soil sample locations, as described in Section 4.2 of the Final Field Sampling Plan (FSP) for Soil Sampling (HGL, 2012a).

The approach for Round 2 soil sampling was to identify potential sample locations from the lines of evidence listed above, prepare a Round 2 FSP Addendum for the subarea, present the

FSP to USEPA's SSFL Technical Stakeholder Workgroup, and review and finalize proposed locations with the Workgroup.

## **2.0 SOIL SAMPLING ACTIVITIES**

### **2.1 Soil Sample Location Placement and Utility Clearance**

A total of 170 surface, subsurface, and drainage samples were proposed in the Subarea 7 Round 2 sampling event. The rationale for soil step-out sample locations is detailed in the Subarea 7 Round 2 Addendum to the Final FSP for Soil Sampling (HGL, 2012b). Table 1 summarizes the proposed samples and lists the samples collected. Figure 1 illustrates all the soil sample locations and radiological exceedances reported during the Round 2 sampling event. Deviations from the FSP are discussed in Section 2.3.

The proposed sampling locations were discussed during the technical review meeting held on April 18, 2012, with members of USEPA's SSFL Technical Stakeholder Workgroup consisting of representatives of the Department of Energy (DOE), the State of California Department of Toxic Substances Control (DTSC), The Boeing Company (Boeing), USEPA, and the community.

After the locations were finalized with the Stakeholder Workgroup, proposed sampling locations were marked in the field using a SPS 852 handheld Trimble global positioning system (GPS) and magnetic survey spikes. Before sampling activities commenced, utility clearances were performed at each location by Underground Service Alert (Dig Alert) and a private utility locator.

### **2.2 Sample Collection**

Surface soil samples were collected using a stainless steel trowel or shovel. Subsurface samples were collected using a Geoprobe 6600 Series direct-push technology unit or a hand auger. Soil samples were collected in accordance with the procedures detailed in the Final FSP for Soil Sampling (HGL, 2012a), and the Round 2 FSP Addendum for Subarea 7 (HGL, 2012b). Soil cores were logged and the boring logs are provided in Attachment 2. A total of 167 surface, subsurface, and drainage soil samples were collected within Subarea 7 from May 11 to June 28, 2012.

During the April 18, 2012, technical review meeting, recommendations and action items were including those on the topics of Likely Chemical Remediation Zones (LCRZ) and Likely Decontamination and Decommissioning Zone (LD&DZ) were discussed. The Radiological Materials Handling Facility (RMHF) and the Hazardous Waste Management Facility were identified as LD&DZ. A small area along the fence line of the RMHF, the RMHF Holding Pond and a small area west of Building 4133 were identified by DOE and DTSC as a LCRZ (HGL, 2012b). USEPA understands that most, if not all, surface soil and infrastructure (building structures, concrete slabs, above-ground pipelines and underground pipelines etc.) may be excavated and removed from areas identified as LD&DZ and LCRZ. In accordance with USEPA's role under the Administrative Order on Consent (AOC) for Remedial Action

(DTSC, 2010) between DTSC and DOE for the SSFL site, USEPA will conduct confirmation soil sampling to verify that site remediation goals have been achieved at all such remediation zones. These follow-on efforts are not included in the current scope of work and will be accomplished using additional external funding.

### **2.3 Deviations from the Field Sampling Plan Addendum**

Subsurface soil samples were not collected from six locations due to insufficient soil volume as a result of shallow refusal on bedrock. When shallow refusal was encountered, two additional attempts were made, within a five foot radius, to reach the proposed depth. If after the third attempt the proposed depth could not be reached a sample was collected, if possible. Table 2 shows the sample deviations.

Three additional surface soil samples were collected from Round 2 step-out Locations 7-00229, 7-00230, and 7-00231. The samples were tested for the gamma spectrometry default suite of analytes to further characterize the niobium (Nb)-94, neptunium (Np)-239, and protactinium (Pa)-231 data quality gap that were identified in the results of the surface soil sample collected from Round 1 Location 7-00067. The gamma spectrometry analyses were added after the Round 2 FSP addendum was completed because the Round 1 data quality gap analysis was not available at the time the Round 2 FSP addendum was finalized. The Round 1 data quality gap analysis is presented in the Final Technical Memorandum, Subarea 7 Round 1 Soil Sample Results (HGL, 2012c).

### **2.4 Soil Boring Summary**

A total of 81 subsurface borings were attempted, of which 11 borings were advanced to the proposed depth of 10 feet below ground surface (bgs) (HGL, 2012b). Of the 70 borings that were not completed to the proposed depth, 56 borings could only be advanced to a depth less than 5.0 feet bgs, and 14 could only be advanced to a depth greater than or equal to 5.0 but less than 10.0 feet bgs. Refusal was encountered in one boring due to the presence of rubble in the fill material and in 69 borings because bedrock was encountered before the proposed depth was reached.

Soil samples were classified and described in accordance with the Final FSP for Soil Sampling (HGL, 2012a). The most common soil types observed were sand, silty sand, silt, and silty clay. A total of 59 locations encountered fill material in all or a portion of the boring. The fill material consisted of soils that exhibited a mottled texture and frequently contained material such as concrete, asphalt, or glass. Native soil was encountered below fill material in 52 of the 81 borings. A total of 22 borings consisted of only native soil. A summary of the boring log information is presented in Table A.1 and the boring logs are provided in Attachment 2.

## **3.0 SOIL ANALYTICAL RESULTS**

Analyses of soil samples were conducted in accordance with the Final Quality Assurance Project Plan (QAPP) for Soil Sampling (HGL, 2012d). All samples were collected in accordance with the rationale presented in Table 2.3 of the Final FSP for Soil Sampling (HGL, 2012a). Round 2 sample locations and analytical suites are presented in the Subarea 7 Round 2

Addendum to the Final FSP for Soil Sampling (HGL, 2012b). Deviations from the Round 2 FSP addendum are presented in section 2.3 of this document.

### 3.1 Round 1 Data Quality Gap Reanalysis

A data quality gap is a sample result for which the minimum detectable concentration (MDC) is greater than the RTL, but the reported activity is below the RTL, indicating an indeterminate result that may or may not exceed the RTL. The elevated MDC could be the result of sample matrix or spectral interference or, in some cases, laboratory issues that prevent accurate quantification of sample activity to a level low enough to support the RTLs.

The use of RTLs is predicated on the assumption that analytical results will be of known and predictable quality, with the uncertainty constrained to a level that supports direct comparison of results to RTLs. The reported analytical uncertainty is sufficiently reliable to be considered, however the magnitude of that uncertainty may not always allow direct comparison of the activity to the RTL, as discussed above. In many cases, the reported activity is sufficiently below the RTL (more than the associated, elevated  $2\sigma$  total propagated uncertainty) to decide that the result does not represent an exceedance. For these cases, results are removed from further data quality gap assessment.

During the Round 1 sampling event, there were two samples (two results) identified as data quality gaps, in which the laboratory was directed to reanalyze the sample with a lower MDC value. Sample 70066 was identified as a data quality gap for plutonium (Pu)-238, resulting from a low chemical yield of 58.5 percent. Sample 70286 was also identified as a data quality gap for Pu-238. Based on the reanalysis, new MDCs were met, and no activities exceeded RTLs. The samples are no longer considered data quality gaps and there are no additional Round 1 RTL exceedances. The Round 1 data quality gap analysis is presented in the Final Technical Memorandum, Subarea 7 Round 1 Soil Sample Results (HGL, 2012c). Table 3 summarizes the Round 1 reanalyzed activity, reanalyzed MDC values, and RTLs.

**Table 3**  
**Summary of Reanalyzed Round 1 Data Quality Gap Samples**

Sample Location	Sample ID	Radionuclide Detected	Reanalyzed Activity	Reanalyzed MDC	RTL
7-00033	70066	Pu-238	0.00155	0.0218	0.0415
7-00176	70286	Pu-238	0.00858	0.0202	0.0415

**Notes:**

Reporting units in picocuries per gram.

ID - identification

### 3.2 Round 2 Analytical Results

Round 2 soil sampling locations were determined based on RTL exceedances detected in Round 1 soil samples. The Round 2 samples were tested for those analytes that were detected above the RTL in Round 1 samples.

Radiological trigger levels are reference soil concentrations for the radionuclides of concern for the SSFL Area IV Radiological Study. They were designed for screening analytical results of site soil and sediment collected during Round 1 sampling to inform decisions for Round 2 sampling (also called step-out sampling). Individual Round 1 analytical results were compared to RTLs and if results exceed an RTL step-out sampling was conducted. The primary purpose of the RTLs were to guide the placement of Round 2 sampling locations and will not be used to screen Round 2 sample results.

The Round 2 analytical results are documented in this technical memorandum; however, the analytical results have not been screened using the RTLs. The Subarea 7 Round 2 analytical results will be evaluated, along with Round 1 results, using Field Action Level (FAL) established specifically for the SSFL Area IV Radiological Study. The results of the evaluation will be presented in the Radiological Characterization of Soils in Area IV and NBZ report.

Figure 1 presents the locations of the soil samples collected during the Round 1 and Round 2 sampling events. A summary of the Round 2 analytical results is provided in Table A.2.

### 4.0 QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

In addition to the environmental samples collected, quality control samples were collected as described in the QAPP (HGL, 2012d). The results of the quality control samples collected and their affect on data usability are described in the following subsections.

#### 4.1 Field Duplicates

Field duplicate soil samples were collected at a frequency of 1 per 20 samples (5 percent). A total of nine field duplicate samples were collected during the Round 2 sampling event. The field duplicate evaluation criterion includes an additional  $1\sigma$  uncertainty factor of 10 percent to allow for heterogeneity of co-located, but non-homogenized, field samples.

The comparability of a field duplicate result to that of the original sample is assessed by evaluating the Z-score ( $Z_{DUP}$ ). The Z-score is a statistical test that indicates how many standard deviations an observation is from the expected value. The Z-score is defined in the QAPP (HGL, 2012b), and the  $Z_{DUP}$  is calculated as follows:

$$Z_{DUP} = \frac{|X_s - X_d|}{\sqrt{u_s^2 + u_d^2}}$$

where:

$X_s$	=	activity of the sample
$X_d$	=	activity of the duplicate
$u_s$	=	combined standard ( $1\sigma$ ) uncertainty of the sample
$u_d$	=	combined standard ( $1\sigma$ ) uncertainty of the duplicate

Higher  $Z_{DUP}$  scores indicate greater disparity between the sample and the duplicate results. A  $Z_{DUP}$  score of 2.0, for example, indicates that the duplicate result differs from the sample result by twice the overall uncertainty of the two results. By extension, a  $Z_{DUP}$  score of 1.96 (the warning level) indicates that the two results are statistically equivalent, at the 95 percent confidence interval. A  $Z_{DUP}$  score of 2.58 (the exceedance level) indicates that the two results are statistically equivalent, at the 99 percent confidence interval.

A  $Z_{DUP}$  evaluation is performed on each paired set of analytes for which parent and duplicate data are reported. This quality assurance/quality control assessment is performed on the validated laboratory results approved and accepted by the project, and recorded in the project database as of September 14, 2012. Subsequent modifications to the approved data or the project database may not be reflected in this assessment.

Round 2 field duplicate sample data includes 426 results from 213 sample/duplicate paired results. Those results included several analytes which were subsequently removed from consideration, and thus were not evaluated. In addition, any results that were rejected by data validation were removed from consideration. Finally, analytes that are simply inferred from previously reported results, such as yttrium-90, which is inferred from the reported strontium (Sr)-90 results, are considered redundant and have also been removed from consideration.

The  $Z_{DUP}$  evaluation of the remaining 178 qualified data pairs follows:

- 168  $Z_{DUP}$  evaluation results (94.4 percent) were within the expected 95 percent confidence interval for this evaluation, with  $Z_{DUP}$  less than 1.96;
- Seven  $Z_{DUP}$  evaluation results (3.9 percent) was between the 95 percent and 99 percent confidence interval with a  $Z_{DUP}$  at or above 1.96, but below 2.58;
- Three  $Z_{DUP}$  evaluation results (1.7 percent) exceeded the 99 percent confidence interval, with a  $Z_{DUP}$  value at or above 2.58.

The  $Z_{DUP}$  statistical test predicts that, in a homogeneous sample/duplicate pairing, 4 percent of reported  $Z_{DUP}$  scores (approximately seven  $Z_{DUP}$  evaluation results in this  $Z_{DUP}$  set) will be in the “warning” range between 1.96 and 2.58. In addition, 1 percent (approximately two  $Z_{DUP}$  evaluation results in this  $Z_{DUP}$  set) are expected to exceed a  $Z_{DUP}$  score of 2.58. In an exceptionally small dataset such as this, the single exceedance is not considered to be statistically unexpected.

A review of the  $Z_{DUP}$  “warnings” and “exceedances”, and the associated laboratory data, has been conducted and the following observations are made regarding the collection and analysis of field duplicate samples:

- The single “exceedance”, i.e.  $Z_{DUP}$  score at or above 2.58, is related to the sample/duplicate pair 70387/70504, in which the Cs-137  $Z_{DUP}$  score is 10.14. A review of the gamma spectrometry raw data and associated laboratory documentation does not indicate laboratory error or other data quality issues and the excursion is likely due to additional heterogeneity in the co-located but non-homogenized field samples, beyond the 10 percent heterogeneity assumption described above. The magnitude of the exceedance may also be attributable, in part, to a small underestimate in the laboratory’s reported analytical uncertainty, which has been previously observed in the project analytical data, particularly gamma spectrometry results.
- An additional Cs-137 exceedance, with a  $Z_{DUP}$  score of 3.78, is observed in the sample/duplicate pair 70398/70502, as well as a cadmium (Cd)-113m exceedance of 2.87 in the 70409/70500 pair. Given the previously discussed small underestimate of the reported analytical uncertainty, the potential heterogeneity in the co-located field samples, and the expected frequency and magnitude of  $Z_{DUP}$  excursions in general, neither  $Z_{DUP}$  score is believed to be significant and the results are considered to be acceptable for their intended use.
- The seven  $Z_{DUP}$  scores in the “warning” range, between 1.96 and 2.58, are within the expected frequency and do not appear to represent a data quality excursion.

A summary of the parent and associated duplicate sample results is provided Table A.3.

#### **4.2 Equipment Rinsate and Source Water Blanks**

Equipment rinsate blanks were collected at a frequency of one per day for each type of sampling equipment used per field team. Equipment rinsate blanks were collected in accordance with the FSP for Soil Sampling (HGL, 2012a) and the QAPP (HGL, 2012d). A total of 52 rinsate samples and two source water samples were collected during the Round 2 sampling event. Each sample was tested for isotopic uranium, as a surrogate indicator of cross-contamination. Any results that were rejected for laboratory quality reasons would have been removed from consideration, as in the evaluation of field duplicate samples. In this dataset, however, no sample results were rejected.

This equipment rinsate assessment was performed on the validated laboratory results, approved and accepted by the project data manager, and recorded in the project database as of September 19, 2012. Subsequent modifications to the approved data or the project database may not be reflected in this assessment.

In all cases, the samples were analyzed by the laboratory as received and the Total activity is reported.

Round 2 rinsate and source water samples include 156 Total activity results, from which 52 data pairs were evaluated by Z-score duplicate comparison. The Z<sub>DUP</sub> scores are summarized below.

- 152 Z<sub>DUP</sub> evaluation results (97.4 percent) were within the expected 95 percent confidence interval for this evaluation, with Z<sub>DUP</sub> less than 1.96;
- Four Z<sub>DUP</sub> evaluation result (2.6 percent) was between the 95 percent and 99 percent confidence interval with Z<sub>DUP</sub> at or above 1.96, but below 2.58;
- Zero Z<sub>DUP</sub> evaluation results (0.0 percent) exceeded the 99 percent confidence interval, with Z<sub>DUP</sub> values at or above 2.58.

As with the field duplicates, the Z<sub>DUP</sub> statistical test predicts that approximately 4 percent of reported Z<sub>DUP</sub> scores (approximately 6 Z<sub>DUP</sub> evaluation results in this Z<sub>DUP</sub> set) will be in the range between 1.96 and 2.58. The four results in the “warning” range were within the expected frequency.

The evaluation of equipment blank results indicates that the decontamination of the field sampling equipment is acceptable and that there is no evidence of sample cross-contamination from the sampling equipment that would adversely affect the quality or usability of the reported field sample data. A summary of the rinsate and source water blank analytical results are provided in Table A.4.

## **5.0 CONCLUSIONS**

The Round 2 analytical results are documented in this technical memorandum; however, the analytical results have not been screened using the RTLs. Radiological trigger levels were reference soil concentrations designed to be used as a decision making tool to guide the placement of Round 2 step-out sampling locations. No additional step-out sampling will be conducted as part of the EPA’s SSFL Area IV Study; therefore, there is no technical reason to compare the data to RTLs.

The Subarea 7 Round 1 and Round 2 analytical results will be evaluated using Field Action Levels (FAL) established specifically for the SSFL Area IV Radiological Study. The results of the evaluation will be presented in the Radiological Characterization of Soils in Area IV and NBZ report.

## **6.0 REFERENCES**

Department of Toxic Substances Control (DTSC), 2010. Administrative Order On Consent For Remedial Action, Santa Susana Field Laboratory, Simi Hills, Ventura County, California. December.

HGL, 2012a. Final Field Sampling Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California. March.



HGL, 2012b. Final Subarea 7 Round 2 Addendum to the Final Field Sampling Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California. July.

HGL, 2012c. Final Technical Memorandum, Subarea 7 Round 1 Soil Sample Results, Santa Susana Field Laboratory, Area IV Radiological Study. July.

HGL, 2012d. Final Quality Assurance Project Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California. March.

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**TABLES**

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**Table 1**  
**Summary of Planned and Collected Step-out Samples by Area**  
**Subarea 7, Round 2**

Area	Drainage		Surface		Subsurface		Total	
	Planned	Collected	Planned	Collected	Planned	Collected	Planned	Collected
Panhandle	0	0	7	7	7	6	14	13
Former Building 4133 and 4654	2	2	29	29	19	16	50	47
RMHF	0	0	6	6	4	4	10	10
Outfall 3 Drainage	1	1	27	30	21	20	49	51
RMHF Holding Pond	1	1	16	16	27	26	44	43
Southern Point	0	0	0	0	3	3	3	3
<b>Total</b>	<b>4</b>	<b>4</b>	<b>85</b>	<b>88</b>	<b>81</b>	<b>75</b>	<b>170</b>	<b>167</b>

**Notes:**

RMHF – Radioactive Materials Handling Facility

**Table 2**  
**Summary of Sample Deviations**  
**Subarea 7, Round 2**

Sample Location	Sample ID	Sample Type	Deviation	Justification
7-00189	70424	Subsurface	Not Sampled	Refusal on sandstone at 8 inches bgs.
7-00196	70331	Subsurface	Not Sampled	Refusal on sandstone at 14 inches bgs.
7-00206	70347	Subsurface	Not Sampled	Refusal on sandstone at 9 inches bgs.
7-00226	70397	Subsurface	Not Sampled	Refusal on sandstone at 12 inches bgs.
7-00229	70507	Surface	Added sample	Further characterize the Nb-94, Np-239, and Pa-231 data quality gap identified in the surface soil sample collected from round 1 Location 7-00067.
7-00230	70508	Surface	Added sample	Further characterize the Nb-94, Np-239, and Pa-231 data quality gap identified in the surface soil sample collected from round 1 Location 7-00067.
7-00231	70509	Surface	Added sample	Further characterize the Nb-94, Np-239, and Pa-231 data quality gap identified in the surface soil sample collected from round 1 Location 7-00067.
7-00249	70453	Subsurface	Not Sampled	Refusal on sandstone at 15 inches bgs.
7-00272	70383	Subsurface	Not Sampled	Refusal on sandstone at 8 inches bgs.

**Notes:**

Refer to Table 2.1 of the Final Field Sampling Plan for Soil Sampling (HGL, 2012a) for a definition of radionuclide symbols.

bgs - below ground surface

ID - identification

**FIGURE**

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**Figure 1**  
**Subarea 7 Sample Locations**  
**Round 1 and Round 2**  
**Santa Susana Field Laboratory**

U.S. EPA Region 9



Legend

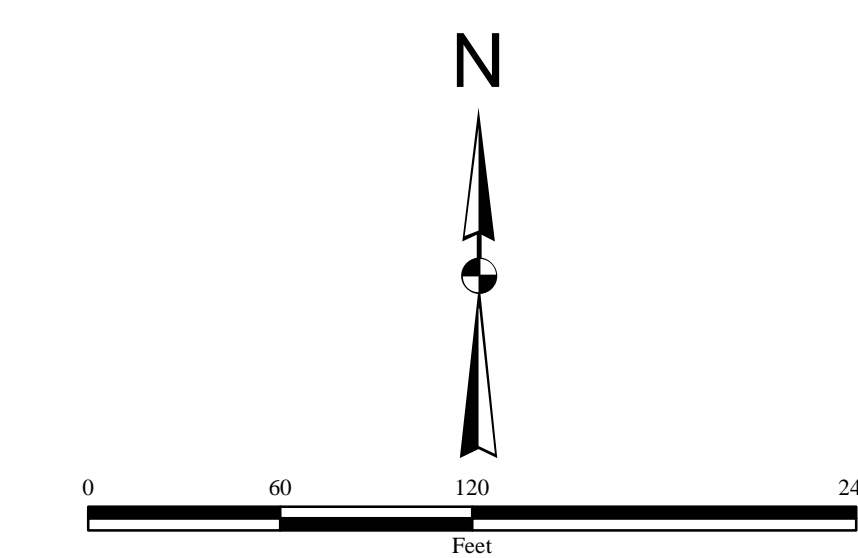
- Soil Sample Locations**
- Round 1 - Drainage Subsurface
  - Round 1 - Drainage
  - ▲ Round 1 - Surface Subsurface
  - ▲ Round 1 - Subsurface
  - ⊕ Round 2 - Surface
  - ▲ Round 2 - Subsurface
  - Round 2 - Drainage Subsurface
  - ▲ Round 2 - Surface Subsurface

- Likely Remediation Zones**
- Chemical (as of 5/2012)
  - Subareas

- Structures**
- Existing
  - Removed

- Roads
- Approximate Drainage Pathways
- 20-foot elevation contours

Notes:  
RMHF - Radioactive Materials Handling Facility



**ATTACHMENT 1**

Tables

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**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00189	0.0-0.5	NA	SM/SP	0.66	0.66	Refusal on sandstone 0.66 ft bgs.	1,908,976.30	6,347,260.82
7-00190	0.0-0.5	1-2	SM/SP	2.00	2.00	Refusal on sandstone 2.0 ft bgs.	1,908,982.14	6,347,286.00
7-00191	0.0-0.5	1-4	SM/SP/SM/SP	4.00	4.00	Refusal on sandstone 4.0 ft bgs.	1,909,003.10	6,347,313.50
7-00192	0.0-0.5	1-5	SM	10.00	NA	Target depth reached.	1,908,999.72	6,347,354.13
7-00193	0.0-0.5	1-5	ML/SM/SP	9.50	9.50	Fill to 4.2 ft bgs, refusal on sandstone 9.5 ft bgs.	1,908,981.06	6,347,343.42
7-00194	0.0-0.5	1-5	SM/SP/SP	6.50	6.50	Fill to 1.0 ft bgs, refusal on sandstone 6.5 ft bgs.	1,908,958.49	6,347,309.45
7-00195	0.0-0.5	1-5	SM/SP/SM	7.00	7.00	Fill to 1.0 ft bgs, refusal on sandstone 7.0 ft bgs.	1,908,939.71	6,347,289.57
7-00196	0.0-0.5	NA	SM	1.20	1.20	Refusal on sandstone 1.2 ft bgs.	1,908,749.56	6,347,263.75
7-00197	0.0-0.5	1-5	SM	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,908,729.26	6,347,260.03
7-00198	0.0-0.5	1-1.75	SM	1.75	1.75	Fill to 1.75 ft bgs, refusal on sandstone 1.75 ft bgs	1,908,719.18	6,347,295.48
7-00199	0.0-0.5	1-3	SM	3.00	3.00	Refusal on sandstone 3.0 ft bgs.	1,908,722.50	6,347,315.75
7-00200	0.0-0.5	1-5	SM	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,908,688.94	6,347,317.93
7-00201	0.0-0.5	1-5	SM	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,908,688.26	6,347,295.10
7-00202	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,646.71	6,347,208.97
7-00203	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,659.65	6,347,223.42
7-00204	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,651.64	6,347,240.29
7-00205	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,634.35	6,347,239.34
7-00206	0.0-0.5	NA	SM	0.75	0.75	Drainage sample, refusal on sandstone 0.75 ft bgs.	1,908,641.65	6,347,228.98
7-00207	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,625.05	6,347,259.04
7-00208	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,617.64	6,347,271.53

**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00209	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,582.80	6,347,258.04
7-00210	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,599.88	6,347,234.63
7-00211	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,618.44	6,347,235.02
7-00212	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,609.05	6,347,181.60
7-00213	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,610.56	6,347,157.08
7-00214	0.0-0.5	NA	SM	0.50	NA	Fill material, surface sample only.	1,908,590.07	6,347,163.89
7-00215	0.0-0.5	1-3	SM/SP	3.00	3.00	Fill to 1.0 ft bgs, refusal on sandstone 3.0 ft bgs.	1,908,487.12	6,347,354.12
7-00216	0.0-0.5	1-5	ML/SM/SP	9.00	9.00	Fill to 1.75 ft bgs, refusal on sandstone 9.0 ft bgs.	1,908,451.61	6,347,290.51
7-00217	0.0-0.5	1-3.5	ML/SP	3.50	3.50	Fill to 2.9 ft bgs, refusal on sandstone 3.5 ft bgs.	1,908,441.25	6,347,272.66
7-00218	0.0-0.5	1-1.9	SM/SP	1.90	1.90	Fill to 1.7 ft bgs, refusal on sandstone 1.9 ft bgs.	1,908,422.29	6,347,243.34
7-00219	0.0-0.5	1-3.5	SM/SP	3.50	3.50	Fill to 0.5 ft bgs, refusal on sandstone 3.5 ft bgs.	1,908,429.78	6,347,214.30
7-00220	0.0-0.5	1-2.5	SM/SP	2.50	2.50	Fill to 0.8 ft bgs, refusal on sandstone 2.5 ft bgs.	1,908,447.59	6,347,202.86
7-00221	0.0-0.5	1-5	SM/ML/SP	10.00	NA	Fill to 3.0 ft bgs, target depth reached.	1,908,483.70	6,347,204.95
7-00222	0.0-0.5	1-5	ML/SM	7.50	7.50	Fill to 1.25 ft bgs, refusal on sandstone 7.5 ft bgs.	1,908,503.75	6,347,216.58
7-00223	0.0-0.5	1-5	SM	5.25	5.25	Fill to 3.25 ft bgs, refusal on sandstone 5.25 ft bgs.	1,908,506.68	6,347,188.34
7-00224	0.0-0.5	1-3.25	SM	3.25	3.25	Fill to 3.25 ft bgs, refusal on sandstone 3.25 ft bgs.	1,908,494.87	6,347,178.08
7-00225	0.0-0.5	1-2.75	SM	2.75	2.75	Fill to 2.75 ft bgs, refusal on sandstone 2.75 ft bgs.	1,908,485.85	6,347,149.25
7-00226	0.0-0.5	NA	SM	1.00	1.00	Fill to 1.0 ft bgs, refusal on sandstone 1.0 ft bgs.	1,908,446.89	6,347,169.12
7-00227	0.0-0.5	1-3	SM/SP	3.00	3.00	Refusal on sandstone 3.0 ft bgs.	1,908,680.80	6,347,036.62
7-00228	0.0-0.5	1-2.2	SM	2.20	2.20	Refusal on sandstone 2.2 ft bgs.	1,908,670.49	6,347,002.90

**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00229	0.0-0.5	1-1.75	SM/SP	1.75	1.75	Refusal on sandstone 1.75 ft bgs.	1,908,659.99	6,346,985.12
7-00230	0.25-0.75	1-3.5	SP	3.50	3.50	Refusal on sandstone 3.5 ft bgs.	1,908,634.78	6,346,982.44
7-00231	0.0-0.5	1-2	SM	2.00	2.00	Fill to 2.0 ft bgs, refusal on sandstone 2.0 ft bgs.	1,908,638.91	6,347,007.81
7-00232	0.0-0.5	1-3.5	SM	3.50	3.50	Fill to 3.5 ft bgs, refusal on sandstone 3.5 ft bgs.	1,908,660.30	6,347,040.54
7-00233	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,505.36	6,347,109.89
7-00234	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,476.81	6,347,114.78
7-00235	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,479.97	6,347,081.47
7-00236	0.0-0.5	NA	ML	0.50	NA	Surface sample only.	1,908,503.59	6,347,085.70
7-00237	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,511.46	6,347,061.17
7-00238	0.0-0.5	1-4	SM/ML/SM/SP	4.00	4.00	Drainage sample, refusal on sandstone 4.0 ft bgs.	1,908,532.49	6,347,029.02
7-00239	NA	1-5	SM/SP/SM/SP	5.00	5.00	Fill to 0.8 ft bgs, refusal on sandstone 5.0 ft bgs.	1,908,494.04	6,347,011.68
7-00240	NA	1-5	SM/SP	5.30	5.30	Fill to 0.5 ft bgs, refusal on sandstone 5.3 ft bgs.	1,908,487.69	6,346,992.24
7-00241	NA	1-3.5	SM/SP/SM/SP	3.50	3.50	Fill to 0.5 ft bgs, refusal on sandstone 3.5 ft bgs.	1,908,481.46	6,346,963.02
7-00242	NA	1-5	SM/SP	5.25	5.25	Fill to 0.3 ft bgs, refusal on sandstone 5.25 ft bgs	1,908,500.81	6,346,946.59
7-00243	NA	1-1.8	SM/SP	1.80	1.80	Fill to 0.3 ft bgs, refusal on sandstone 1.8 ft bgs.	1,908,500.01	6,346,931.22
7-00244	NA	1-2.5	SM/SP	2.50	2.50	Fill to 0.5 ft bgs, refusal on sandstone 2.5 ft bgs.	1,908,484.67	6,346,921.49
7-00245	NA	1-2.25	SM/SP	2.25	2.25	Fill to 1.5 ft bgs, refusal on sandstone 2.25 ft bgs.	1,908,479.69	6,346,939.99
7-00246	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,448.79	6,346,951.26
7-00247	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,452.65	6,346,911.74
7-00248	0.0-0.5	1-5	SM/ML/SP	5.50	5.50	Refusal on sandstone 5.5 ft bgs.	1,908,460.17	6,346,886.15



**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00249	0.0-0.5	NA	SM/SP	1.30	1.30	Refusal on sandstone 1.3 ft bgs.	1,908,468.82	6,346,876.16
7-00250	0.0-0.5	1-2.5	SP	2.50	2.50	Fill to 2.5 ft bgs, refusal on sandstone 2.5 ft bgs.	1,908,479.96	6,346,849.97
7-00251	0.0-0.5	1-4	SM/SP	4.00	4.00	Fill to 3.0 ft bgs, refusal on sandstone 4.0 ft bgs.	1,908,457.07	6,346,835.70
7-00252	0.0-0.5	1-2.25	SM	2.25	2.25	Fill to 2.25 ft bgs, refusal on sandstone 2.25 ft bgs.	1,908,449.17	6,346,846.38
7-00253	0.0-0.5	1-5	SM/CL/SM/SP	6.50	6.50	Refusal on sandstone 6.5 ft bgs.	1,908,447.82	6,346,865.36
7-00254	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,428.55	6,346,812.48
7-00255	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,443.93	6,346,796.04
7-00256	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,417.20	6,346,778.90
7-00257	0.0-0.5	1-5	SP/SM	5.50	5.50	Fill to 5.5 ft bgs, refusal on sandstone 5.5 ft bgs.	1,908,387.09	6,346,756.97
7-00258	0.0-0.5	1-3.67	SM/SP	3.67	3.67	Fill to 3.67 ft bgs, refusal on sandstone 3.67 ft bgs.	1,908,460.51	6,346,769.49
7-00259	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,485.79	6,346,729.21
7-00260	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,496.67	6,346,718.34
7-00261	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,484.56	6,346,706.02
7-00262	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,475.43	6,346,718.96
7-00263	0.0-0.5	1-1.65	SM	1.65	1.65	Fill to 1.65 ft bgs, refusal on sandstone 1.65 ft bgs.	1,908,389.76	6,346,678.75
7-00264	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,372.54	6,347,099.28
7-00265	0.0-0.5	NA	SM	0.50	NA	Surface sample only.	1,908,352.70	6,347,116.17
7-00266	0.0-0.5	1-3	SM/SP	3.00	3.00	Fill to 0.5 ft bgs, refusal on sandstone 3.0 ft bgs.	1,908,162.74	6,346,901.46
7-00267	0.0-0.5	1-1.75	SM	1.75	1.75	Fill to 1.75 ft bgs, refusal fill 1.75 ft bgs.	1,908,180.11	6,346,666.24
7-00268	0.0-0.5	1-3.25	SM	3.25	3.25	Fill to 3.25 ft bgs, refusal on sandstone 3.25 ft bgs.	1,908,246.41	6,346,590.57

**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00269	0.0-0.5	1-1.5	SM	1.50	1.50	Fill to 1.5 ft bgs, refusal on sandstone 1.5 ft bgs.	1,908,339.83	6,346,561.33
7-00270	0.0-0.5	1-5	SM	5.10	5.10	Fill to 2.0 ft bgs, refusal on sandstone 5.1 ft bgs.	1,908,300.64	6,346,570.07
7-00271	0.0-0.5	1-2.5	SP/SM	2.50	2.50	Fill to 2.0 ft bgs, refusal on sandstone 2.5 ft bgs.	1,908,294.00	6,346,547.76
7-00272	0.0-0.5	NA	SP	0.65	0.65	Refusal on sandstone 0.65 ft bgs.	1,908,308.68	6,346,531.03
7-00273	0.0-0.5	1-1.75	SP	1.75	1.75	Fill to 1.75 ft bgs, refusal on sandstone 1.75 ft bgs.	1,908,304.43	6,346,505.61
7-00274	0.0-0.5	1-3.8	SM/SP	3.80	3.80	Refusal on sandstone 3.8 ft bgs.	1,908,323.97	6,346,470.89
7-00275	0.0-0.5	0.5-1.55	SM	1.55	1.55	Refusal on sandstone 1.55 ft bgs.	1,908,326.21	6,346,446.12
7-00276	0.0-0.5	1-4	SM/SP	4.00	4.00	Fill to 1.0 ft bgs, refusal on sandstone 4.0 ft bgs.	1,908,309.65	6,346,428.17
7-00277	0.0-0.5	1-5	SM/SP/SM	10.00	NA	Target depth reached.	1,908,259.95	6,346,371.80
7-00278	0.0-0.5	1-5	SM/SP/SM	10.00	NA	Fill to 9.4 ft bgs, target depth reached.	1,908,213.01	6,346,483.20
7-00279	0.0-0.5	1-1.75	SM	1.75	1.75	Fill to 1.75 ft bgs, refusal on sandstone 1.75 ft bgs.	1,908,233.51	6,346,508.43
7-00280	0.0-0.5	1-2.25	SM	2.25	2.25	Fill to 2.0 ft bgs, refusal on sandstone 2.25 ft bgs.	1,908,242.42	6,346,535.25
7-00281	0.0-0.5	1-3.25	SM	3.25	3.25	Fill to 3.25 ft bgs, refusal on sandstone 3.25 ft bgs.	1,908,248.67	6,346,559.62
7-00282	NA	1-5	SM	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,908,170.99	6,346,556.01
7-00283	NA	1-5	SM	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,908,150.60	6,346,555.55
7-00284	0.0-0.5	1-5	SM/SP/SM/SP	9.00	9.00	Fill to 8.5 ft bgs, refusal on sandstone 9.0 ft bgs.	1,908,173.52	6,346,488.35
7-00285	NA	1-2.5	SM/SP	2.50	2.50	Fill to 2.2 ft bgs, refusal on sandstone 2.5 ft bgs.	1,908,152.43	6,346,497.60
7-00286	0.3-0.8	1-2	SM/SP	2.00	2.00	Fill to 1.8 ft bgs, refusal on sandstone 2.0 ft bgs.	1,908,137.39	6,346,489.11
7-00287	NA	1-1.5	SM/SP	1.50	1.50	Refusal on sandstone 1.5 ft bgs.	1,908,206.57	6,346,355.70
7-00288	NA	0-1	SM/SP	1.00	1.00	Refusal on sandstone 1.0 ft bgs.	1,908,194.36	6,346,351.21

**Table A.1**  
**Boring Log Summary**  
**Subarea 7, Round 2**

Sample Location	Surface Collection Interval (ft bgs)	Subsurface Collection Interval (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing <sup>1</sup>	Easting <sup>1</sup>
7-00289	NA	1-2	SM/SP	2.00	2.00	Refusal on sandstone 2.0 ft bgs.	1,908,183.56	6,346,375.99
7-00290	NA	1-4.5	SM/SP	4.50	4.50	Fill to 2.3 ft bgs, refusal on sandstone 4.5 ft bgs.	1,908,118.67	6,346,374.62
7-00291	NA	1-4	SM/SP	4.00	4.00	Fill to 4.0 ft bgs, refusal on sandstone 4.0 ft bgs.	1,908,105.63	6,346,356.95
7-00292	NA	1-3	SM/SP	3.00	3.00	Fill to 3.0 ft bgs, refusal on sandstone 3.0 ft bgs.	1,908,101.33	6,346,364.37
7-00293	NA	1-4	SM/SP	4.00	4.00	Fill to 2.5 ft bgs, refusal on sandstone 4.0 ft bgs.	1,908,110.98	6,346,380.82
7-00294	NA	1-5	SM/ML/SM/CL	10.00	NA	Fill to 7.0 ft bgs, target depth reached.	1,907,932.45	6,346,076.23
7-00295	NA	1.5-2.5	ML/SP	2.50	2.50	Fill to 2.0 ft bgs, refusal on sandstone 2.5 ft bgs.	1,907,932.81	6,346,059.91
7-00296	NA	1-5	ML/SM/CL	10.00	NA	Fill to 10.0 ft bgs, target depth reached.	1,907,919.98	6,346,055.18
7-00297	0.2-0.8	1-2	SM	2.00	2.00	Fill to 2.0 ft bgs, refusal on sandstone 2.0 ft bgs.	1,908,075.76	6,346,489.88

**Notes:**

<sup>1</sup>Northing and easting measured using NAD83 SPZ5 US Feet

bgs - below ground surface

CL - clay

ft - feet

ML - silt

NA - not applicable

SM - silty sand

SP - poorly graded sand

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00189	70423	Cs-137	0.486 J	0.0167	0.0281	0.00 - 0.50
7-00189	70423	Bi-212	0.573 J	0.188	0.152	0.00 - 0.50
7-00189	70423	Th-234	1.04 J	0.399	0.285	0.00 - 0.50
7-00189	70423	Nb-94	0.0077 JSK	0.0156	0.0048	0.00 - 0.50
7-00189	70423	Sb-125	0.0397 JSK	0.0499	0.0171	0.00 - 0.50
7-00189	70423	Ac-227	0.0705 U	0.21	0.066	0.00 - 0.50
7-00189	70423	Cd-113m	-41.3 U	137	42.6	0.00 - 0.50
7-00189	70423	Co-60	-0.0023 U	0.0186	0.0055	0.00 - 0.50
7-00189	70423	Cs-134	-0.0014 U	0.0151	0.0051	0.00 - 0.50
7-00189	70423	Eu-152	0.0136 U	0.0508	0.0183	0.00 - 0.50
7-00189	70423	Eu-154	-0.0602 U	0.0998	0.0342	0.00 - 0.50
7-00189	70423	Eu-155	0.0338 U	0.076	0.0237	0.00 - 0.50
7-00189	70423	Ho-166m	-0.0052 U	0.0263	0.0079	0.00 - 0.50
7-00189	70423	Na-22	-0.0079 U	0.0212	0.0066	0.00 - 0.50
7-00189	70423	Np-236	0.0118 U	0.0403	0.0122	0.00 - 0.50
7-00189	70423	Np-239	-0.0225 U	0.135	0.042	0.00 - 0.50
7-00189	70423	Pa-231	0.198 U	0.874	0.272	0.00 - 0.50
7-00189	70423	Sn-126	0.0007 U	0.0172	0.005	0.00 - 0.50
7-00189	70423	Tm-171	-2.24 U	19.2	5.64	0.00 - 0.50
7-00189	70423	Bi-214	0.79	0.0323	0.0395	0.00 - 0.50
7-00189	70423	K-40	20.4	0.127	1.27	0.00 - 0.50
7-00189	70423	Pb-212	0.948	0.0355	0.0639	0.00 - 0.50
7-00189	70423	Pb-214	0.908	0.036	0.047	0.00 - 0.50
7-00189	70423	Sr-90	0.27	0.236	0.0868	0.00 - 0.50
7-00189	70423	Tl-208	0.318	0.0168	0.0201	0.00 - 0.50
7-00190	70425	Cs-137	0.199 J	0.0178	0.0137	0.00 - 0.50
7-00190	70426	Cs-137	0.0107 J	0.0152	0.0055	1.00 - 2.00
7-00190	70425	Nb-94	0.0118 JSK	0.0152	0.0051	0.00 - 0.50
7-00190	70425	Eu-155	0.0714 SK	0.0597	0.0214	0.00 - 0.50
7-00190	70426	Eu-155	0.0514 SK	0.0578	0.02	1.00 - 2.00
7-00190	70425	Ac-227	-0.0014 U	0.181	0.054	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00190	70425	Cd-113m	6.24 U	121	37.5	0.00 - 0.50
7-00190	70425	Co-60	-0.001 U	0.0172	0.0051	0.00 - 0.50
7-00190	70425	Cs-134	0.0014 U	0.0146	0.0049	0.00 - 0.50
7-00190	70425	Eu-152	-0.0289 U	0.0439	0.0158	0.00 - 0.50
7-00190	70425	Eu-154	-0.0272 U	0.0941	0.0286	0.00 - 0.50
7-00190	70425	Ho-166m	-0.0009 U	0.0242	0.0072	0.00 - 0.50
7-00190	70425	Na-22	-0.0077 U	0.0189	0.006	0.00 - 0.50
7-00190	70425	Np-236	-0.0201 U	0.0328	0.0114	0.00 - 0.50
7-00190	70425	Np-239	-0.0488 U	0.117	0.037	0.00 - 0.50
7-00190	70425	Pa-231	-0.159 U	0.75	0.238	0.00 - 0.50
7-00190	70425	Sb-125	-0.0081 U	0.0427	0.0126	0.00 - 0.50
7-00190	70425	Sn-126	0.0042 U	0.0166	0.0049	0.00 - 0.50
7-00190	70425	Tm-171	-3.43 U	10.4	3.67	0.00 - 0.50
7-00190	70426	Ac-227	-0.0611 U	0.169	0.0535	1.00 - 2.00
7-00190	70426	Cd-113m	29.4 U	113	36.9	1.00 - 2.00
7-00190	70426	Co-60	0.0026 U	0.0144	0.0041	1.00 - 2.00
7-00190	70426	Cs-134	-0.0047 U	0.0124	0.0044	1.00 - 2.00
7-00190	70426	Eu-152	-0.0144 U	0.0404	0.0158	1.00 - 2.00
7-00190	70426	Eu-154	-0.0483 U	0.0826	0.0283	1.00 - 2.00
7-00190	70426	Ho-166m	-0.0101 U	0.0218	0.007	1.00 - 2.00
7-00190	70426	Na-22	-0.0044 U	0.0176	0.0053	1.00 - 2.00
7-00190	70426	Nb-94	-0.0041 U	0.0127	0.0039	1.00 - 2.00
7-00190	70426	Np-236	-0.0116 U	0.0315	0.01	1.00 - 2.00
7-00190	70426	Np-239	0.0312 U	0.116	0.0353	1.00 - 2.00
7-00190	70426	Pa-231	-0.0737 U	0.7	0.212	1.00 - 2.00
7-00190	70426	Sb-125	0.0114 U	0.0378	0.0117	1.00 - 2.00
7-00190	70426	Sn-126	-0.0032 U	0.0143	0.0043	1.00 - 2.00
7-00190	70426	Sr-90	-0.0061 U	0.297	0.0804	1.00 - 2.00
7-00190	70426	Tm-171	-2.5 U	10.2	3.65	1.00 - 2.00
7-00190	70425	Bi-212	0.68	0.122	0.0721	0.00 - 0.50
7-00190	70425	Bi-214	0.885	0.0278	0.0441	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00190	70425	K-40	18.4	0.133	1.01	0.00 - 0.50
7-00190	70425	Pb-212	1.1	0.0299	0.0678	0.00 - 0.50
7-00190	70425	Pb-214	0.972	0.032	0.0479	0.00 - 0.50
7-00190	70425	Sr-90	0.309	0.226	0.0854	0.00 - 0.50
7-00190	70425	Th-234	1.26	0.26	0.131	0.00 - 0.50
7-00190	70425	Tl-208	0.331	0.0156	0.0207	0.00 - 0.50
7-00190	70426	Bi-212	0.673	0.108	0.0677	1.00 - 2.00
7-00190	70426	Bi-214	0.844	0.0244	0.0417	1.00 - 2.00
7-00190	70426	K-40	19.6	0.101	1.06	1.00 - 2.00
7-00190	70426	Pb-212	1.16	0.0286	0.074	1.00 - 2.00
7-00190	70426	Pb-214	0.975	0.0282	0.049	1.00 - 2.00
7-00190	70426	Th-234	1.35	0.247	0.136	1.00 - 2.00
7-00190	70426	Tl-208	0.364	0.0137	0.0211	1.00 - 2.00
7-00191	70427	Cs-137	0.309 J	0.0154	0.019	0.00 - 0.50
7-00191	70428	Tm-171	3.44 J	6.11	2.23	1.00 - 4.00
7-00191	70427	Cs-134	0.0164 JSK	0.0139	0.0065	0.00 - 0.50
7-00191	70427	Eu-155	0.0369 JSK	0.0592	0.0198	0.00 - 0.50
7-00191	70428	Eu-155	0.047 JSK	0.0507	0.0183	1.00 - 4.00
7-00191	70427	Ac-227	0.0483 U	0.166	0.0494	0.00 - 0.50
7-00191	70427	Cd-113m	8.17 U	110	32	0.00 - 0.50
7-00191	70427	Co-60	-0.0001 U	0.0147	0.0044	0.00 - 0.50
7-00191	70427	Eu-152	0.0092 U	0.0406	0.0125	0.00 - 0.50
7-00191	70427	Eu-154	0.0109 U	0.0812	0.0273	0.00 - 0.50
7-00191	70427	Ho-166m	0.0007 U	0.0219	0.0063	0.00 - 0.50
7-00191	70427	Na-22	-0.0006 U	0.0168	0.005	0.00 - 0.50
7-00191	70427	Nb-94	0.0004 U	0.0125	0.0036	0.00 - 0.50
7-00191	70427	Np-236	-0.0114 U	0.0308	0.0099	0.00 - 0.50
7-00191	70427	Np-239	-0.027 U	0.108	0.0324	0.00 - 0.50
7-00191	70427	Pa-231	-0.043 U	0.672	0.225	0.00 - 0.50
7-00191	70427	Sb-125	0.0005 U	0.039	0.0116	0.00 - 0.50
7-00191	70427	Sn-126	0.0028 U	0.0143	0.0041	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00191	70427	Sr-90	0.0876 U	0.262	0.0774	0.00 - 0.50
7-00191	70427	Tm-171	-6.24 U	10.5	3.86	0.00 - 0.50
7-00191	70428	Ac-227	-0.0686 U	0.16	0.0526	1.00 - 4.00
7-00191	70428	Cd-113m	35.5 U	109	33.9	1.00 - 4.00
7-00191	70428	Co-60	0.0065 U	0.0193	0.0055	1.00 - 4.00
7-00191	70428	Cs-134	0.0012 U	0.0149	0.0051	1.00 - 4.00
7-00191	70428	Eu-152	-0.0127 U	0.041	0.0128	1.00 - 4.00
7-00191	70428	Eu-154	-0.0287 U	0.104	0.032	1.00 - 4.00
7-00191	70428	Ho-166m	0.0013 U	0.0285	0.0081	1.00 - 4.00
7-00191	70428	Na-22	-0.0013 U	0.0204	0.0061	1.00 - 4.00
7-00191	70428	Nb-94	-0.0019 U	0.0152	0.0047	1.00 - 4.00
7-00191	70428	Np-236	-0.001 U	0.0277	0.0081	1.00 - 4.00
7-00191	70428	Np-239	0.0148 U	0.107	0.0325	1.00 - 4.00
7-00191	70428	Pa-231	-0.0537 U	0.674	0.219	1.00 - 4.00
7-00191	70428	Sb-125	0.0022 U	0.0408	0.0119	1.00 - 4.00
7-00191	70428	Sn-126	-0.0016 U	0.0173	0.0053	1.00 - 4.00
7-00191	70428	Sr-90	0.0278 U	0.293	0.0802	1.00 - 4.00
7-00191	70428	Cs-137	-0.0128 U J	0.0167	0.0061	1.00 - 4.00
7-00191	70427	Bi-212	0.569	0.113	0.0566	0.00 - 0.50
7-00191	70427	Bi-214	0.882	0.0251	0.0415	0.00 - 0.50
7-00191	70427	K-40	20	0.101	1.08	0.00 - 0.50
7-00191	70427	Pb-212	1.06	0.0283	0.0603	0.00 - 0.50
7-00191	70427	Pb-214	0.968	0.0291	0.0455	0.00 - 0.50
7-00191	70427	Th-234	1.2	0.248	0.126	0.00 - 0.50
7-00191	70427	Tl-208	0.327	0.0135	0.0193	0.00 - 0.50
7-00191	70428	Bi-212	0.733	0.137	0.0744	1.00 - 4.00
7-00191	70428	Bi-214	0.883	0.0307	0.0435	1.00 - 4.00
7-00191	70428	K-40	17.6	0.148	0.963	1.00 - 4.00
7-00191	70428	Pb-212	1.04	0.0264	0.0583	1.00 - 4.00
7-00191	70428	Pb-214	0.918	0.0296	0.0437	1.00 - 4.00
7-00191	70428	Th-234	1.36	0.195	0.114	1.00 - 4.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00191	70428	Tl-208	0.319	0.0163	0.0199	1.00 - 4.00
7-00192	70429	Bi-212	0.749 J	0.208	0.191	0.00 - 0.50
7-00192	70429	Cs-137	0.102 J	0.0192	0.0106	0.00 - 0.50
7-00192	70430	Cs-137	0.0104 J	0.0138	0.005	1.00 - 5.00
7-00192	70429	Sb-125	0.0279 JSK	0.0485	0.0156	0.00 - 0.50
7-00192	70430	Eu-155	0.0699 JSK	0.0545	0.0231	1.00 - 5.00
7-00192	70430	Nb-94	0.0121 JSK	0.0128	0.0045	1.00 - 5.00
7-00192	70429	Eu-155	0.116 SK	0.0743	0.0307	0.00 - 0.50
7-00192	70429	Cd-113m	-60.9 U	136	44.9	0.00 - 0.50
7-00192	70429	Co-60	-0.007 U	0.0181	0.0056	0.00 - 0.50
7-00192	70429	Cs-134	0.003 U	0.0158	0.0052	0.00 - 0.50
7-00192	70429	Eu-152	-0.0039 U	0.053	0.0165	0.00 - 0.50
7-00192	70429	Eu-154	-0.0547 U	0.105	0.0351	0.00 - 0.50
7-00192	70429	Ho-166m	0.002 U	0.0275	0.008	0.00 - 0.50
7-00192	70429	Na-22	0.0036 U	0.0226	0.0065	0.00 - 0.50
7-00192	70429	Nb-94	-0.0021 U	0.0157	0.0047	0.00 - 0.50
7-00192	70429	Np-236	-0.0139 U	0.0411	0.0133	0.00 - 0.50
7-00192	70429	Np-239	-0.0373 U	0.142	0.0432	0.00 - 0.50
7-00192	70429	Pa-231	-0.0574 U	0.888	0.274	0.00 - 0.50
7-00192	70429	Sn-126	-0.0051 U	0.0171	0.0052	0.00 - 0.50
7-00192	70429	Tm-171	-3.82 U	18.8	6.54	0.00 - 0.50
7-00192	70430	Ac-227	-0.0774 U	0.152	0.0488	1.00 - 5.00
7-00192	70430	Cd-113m	-16.7 U	99.8	30.7	1.00 - 5.00
7-00192	70430	Co-60	-0.0025 U	0.0131	0.0039	1.00 - 5.00
7-00192	70430	Cs-134	0.002 U	0.0119	0.0039	1.00 - 5.00
7-00192	70430	Eu-152	-0.0127 U	0.0364	0.0114	1.00 - 5.00
7-00192	70430	Eu-154	-0.0479 U	0.0779	0.0267	1.00 - 5.00
7-00192	70430	Ho-166m	0.0015 U	0.0209	0.0061	1.00 - 5.00
7-00192	70430	Na-22	-0.0074 U	0.0164	0.0052	1.00 - 5.00
7-00192	70430	Np-236	0.0045 U	0.0286	0.0088	1.00 - 5.00
7-00192	70430	Np-239	-0.0321 U	0.1	0.0305	1.00 - 5.00



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00192	70430	Pa-231	0.0176 U	0.624	0.184	1.00 - 5.00
7-00192	70430	Sb-125	-0.0117 U	0.0346	0.0109	1.00 - 5.00
7-00192	70430	Sn-126	-0.002 U	0.0131	0.0039	1.00 - 5.00
7-00192	70430	Sr-90	0.0111 U	0.179	0.0474	1.00 - 5.00
7-00192	70430	Tm-171	-4.62 U	8.5	3.1	1.00 - 5.00
7-00192	70429	Ac-227	-0.183 U J	0.207	0.0771	0.00 - 0.50
7-00192	70429	Bi-214	0.938	0.0316	0.0455	0.00 - 0.50
7-00192	70429	K-40	21.6	0.147	1.25	0.00 - 0.50
7-00192	70429	Pb-212	1.18	0.0342	0.0829	0.00 - 0.50
7-00192	70429	Pb-214	1.01	0.0367	0.0521	0.00 - 0.50
7-00192	70429	Sr-90	0.117	0.191	0.0608	0.00 - 0.50
7-00192	70429	Th-234	1.17	0.343	0.167	0.00 - 0.50
7-00192	70429	Tl-208	0.328	0.017	0.0205	0.00 - 0.50
7-00192	70430	Bi-212	0.615	0.106	0.0584	1.00 - 5.00
7-00192	70430	Bi-214	0.913	0.0234	0.0432	1.00 - 5.00
7-00192	70430	K-40	19.4	0.108	1.06	1.00 - 5.00
7-00192	70430	Pb-212	1.04	0.0255	0.0563	1.00 - 5.00
7-00192	70430	Pb-214	0.964	0.0259	0.0439	1.00 - 5.00
7-00192	70430	Th-234	1.39	0.215	0.125	1.00 - 5.00
7-00192	70430	Tl-208	0.311	0.0132	0.0182	1.00 - 5.00
7-00193	70431	Cs-137	0.0688 J	0.0209	0.0087	0.00 - 0.50
7-00193	70431	Th-234	1.51 J	0.403	0.4	0.00 - 0.50
7-00193	70432	Cs-137	0.0298 J	0.0187	0.0067	1.00 - 5.00
7-00193	70432	Cs-134	0.0144 JSK	0.0152	0.0059	1.00 - 5.00
7-00193	70432	Sb-125	0.0272 JSK	0.0465	0.0148	1.00 - 5.00
7-00193	70431	Eu-155	0.0944 SK	0.0736	0.0273	0.00 - 0.50
7-00193	70431	Cd-113m	-78.3 U	143	53.3	0.00 - 0.50
7-00193	70431	Co-60	-0.0075 U	0.0198	0.0063	0.00 - 0.50
7-00193	70431	Cs-134	0.0036 U	0.0172	0.0058	0.00 - 0.50
7-00193	70431	Eu-154	0.0064 U	0.115	0.0331	0.00 - 0.50
7-00193	70431	Ho-166m	0.0099 U	0.0307	0.0092	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00193	70431	Na-22	-0.0169 U	0.025	0.0087	0.00 - 0.50
7-00193	70431	Nb-94	0.0055 U	0.0176	0.0053	0.00 - 0.50
7-00193	70431	Np-236	0.0093 U	0.0406	0.0127	0.00 - 0.50
7-00193	70431	Np-239	-0.0483 U	0.144	0.0447	0.00 - 0.50
7-00193	70431	Pa-231	-0.147 U	0.904	0.275	0.00 - 0.50
7-00193	70431	Sb-125	0.0012 U	0.0504	0.0154	0.00 - 0.50
7-00193	70431	Sn-126	-0.0057 U	0.0192	0.006	0.00 - 0.50
7-00193	70431	Sr-90	-0.02 U	0.306	0.0808	0.00 - 0.50
7-00193	70431	Tm-171	-4.42 U	16.3	5.11	0.00 - 0.50
7-00193	70432	Ac-227	-0.0786 U	0.195	0.0634	1.00 - 5.00
7-00193	70432	Cd-113m	-66.5 U	131	43.8	1.00 - 5.00
7-00193	70432	Co-60	-0.0033 U	0.0177	0.0054	1.00 - 5.00
7-00193	70432	Eu-152	-0.0112 U	0.0469	0.0162	1.00 - 5.00
7-00193	70432	Eu-154	-0.0581 U	0.0981	0.0329	1.00 - 5.00
7-00193	70432	Eu-155	0.0287 U	0.0705	0.0219	1.00 - 5.00
7-00193	70432	Ho-166m	0.0071 U	0.0274	0.0083	1.00 - 5.00
7-00193	70432	Na-22	0.0005 U	0.0222	0.0066	1.00 - 5.00
7-00193	70432	Nb-94	-0.0012 U	0.0155	0.0047	1.00 - 5.00
7-00193	70432	Np-236	0.0049 U	0.038	0.0114	1.00 - 5.00
7-00193	70432	Np-239	0.0012 U	0.13	0.0399	1.00 - 5.00
7-00193	70432	Pa-231	0.154 U	0.816	0.261	1.00 - 5.00
7-00193	70432	Sn-126	-0.0061 U	0.0175	0.0056	1.00 - 5.00
7-00193	70432	Tm-171	-6.36 U	15.3	5.41	1.00 - 5.00
7-00193	70431	Ac-227	-0.181 U J	0.215	0.0789	0.00 - 0.50
7-00193	70431	Eu-152	-0.0548 U J	0.0538	0.0226	0.00 - 0.50
7-00193	70431	Bi-212	0.785	0.148	0.0866	0.00 - 0.50
7-00193	70431	Bi-214	1.01	0.0354	0.0513	0.00 - 0.50
7-00193	70431	K-40	21.6	0.16	1.18	0.00 - 0.50
7-00193	70431	Pb-212	1.32	0.0361	0.0796	0.00 - 0.50
7-00193	70431	Pb-214	1.16	0.0402	0.0554	0.00 - 0.50
7-00193	70431	Tl-208	0.374	0.0184	0.0247	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00193	70432	Bi-212	0.765	0.134	0.0891	1.00 - 5.00
7-00193	70432	Bi-214	0.899	0.0293	0.0448	1.00 - 5.00
7-00193	70432	K-40	19.6	0.135	1.06	1.00 - 5.00
7-00193	70432	Pb-212	1.09	0.0321	0.0615	1.00 - 5.00
7-00193	70432	Pb-214	0.921	0.0344	0.0443	1.00 - 5.00
7-00193	70432	Sr-90	0.367	0.216	0.0929	1.00 - 5.00
7-00193	70432	Th-234	1.37	0.317	0.149	1.00 - 5.00
7-00193	70432	Tl-208	0.35	0.0164	0.0215	1.00 - 5.00
7-00194	70434	Cd-113m	59.7 J	103	33.6	1.00 - 5.00
7-00194	70434	Cs-137	0.0113 J	0.0146	0.0053	1.00 - 5.00
7-00194	70434	Cs-134	0.0069 JSK	0.0124	0.0044	1.00 - 5.00
7-00194	70433	Eu-155	0.0612 SK	0.0498	0.0202	0.00 - 0.50
7-00194	70434	Eu-155	0.072 SK	0.0535	0.0246	1.00 - 5.00
7-00194	70433	Cd-113m	8.77 U	113	34.7	0.00 - 0.50
7-00194	70433	Co-60	-0.0063 U	0.0188	0.0057	0.00 - 0.50
7-00194	70433	Cs-134	0.0069 U	0.0162	0.0056	0.00 - 0.50
7-00194	70433	Eu-152	-0.0157 U	0.0448	0.0147	0.00 - 0.50
7-00194	70433	Eu-154	-0.0151 U	0.111	0.0332	0.00 - 0.50
7-00194	70433	Ho-166m	-0.0042 U	0.0282	0.0082	0.00 - 0.50
7-00194	70433	Na-22	-0.0077 U	0.0227	0.0084	0.00 - 0.50
7-00194	70433	Nb-94	0.0064 U	0.0166	0.0051	0.00 - 0.50
7-00194	70433	Np-236	-0.003 U	0.0286	0.0084	0.00 - 0.50
7-00194	70433	Np-239	0.0187 U	0.11	0.0335	0.00 - 0.50
7-00194	70433	Pa-231	0.11 U	0.744	0.229	0.00 - 0.50
7-00194	70433	Sb-125	0.0047 U	0.0467	0.0137	0.00 - 0.50
7-00194	70433	Sn-126	0.0075 U	0.018	0.0055	0.00 - 0.50
7-00194	70433	Tm-171	1.68 U	6.32	2.2	0.00 - 0.50
7-00194	70434	Ac-227	0.0504 U	0.153	0.0457	1.00 - 5.00
7-00194	70434	Co-60	0.0002 U	0.0138	0.0041	1.00 - 5.00
7-00194	70434	Eu-152	-0.0175 U	0.0372	0.0123	1.00 - 5.00
7-00194	70434	Eu-154	0.0229 U	0.0765	0.0257	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00194	70434	Ho-166m	-0.0058 U	0.0207	0.0062	1.00 - 5.00
7-00194	70434	Na-22	-0.0069 U	0.0157	0.0054	1.00 - 5.00
7-00194	70434	Nb-94	-0.0013 U	0.0115	0.0034	1.00 - 5.00
7-00194	70434	Np-236	-0.0114 U	0.0292	0.0094	1.00 - 5.00
7-00194	70434	Np-239	0.0076 U	0.103	0.0299	1.00 - 5.00
7-00194	70434	Pa-231	-0.376 U	0.621	0.207	1.00 - 5.00
7-00194	70434	Sb-125	-0.0088 U	0.0349	0.0107	1.00 - 5.00
7-00194	70434	Sn-126	0.0052 U	0.0135	0.004	1.00 - 5.00
7-00194	70434	Sr-90	0.132 U	0.319	0.0968	1.00 - 5.00
7-00194	70434	Tm-171	-1.21 U	10	3.39	1.00 - 5.00
7-00194	70433	Ac-227	-0.186 U J	0.169	0.0697	0.00 - 0.50
7-00194	70433	Cs-137	0.456	0.0195	0.0277	0.00 - 0.50
7-00194	70433	Bi-212	0.798	0.134	0.0774	0.00 - 0.50
7-00194	70433	Bi-214	0.844	0.0322	0.0437	0.00 - 0.50
7-00194	70433	K-40	17.7	0.145	0.971	0.00 - 0.50
7-00194	70433	Pb-212	1.01	0.0283	0.0568	0.00 - 0.50
7-00194	70433	Pb-214	0.871	0.0338	0.042	0.00 - 0.50
7-00194	70433	Sr-90	0.23	0.306	0.0999	0.00 - 0.50
7-00194	70433	Th-234	1.23	0.201	0.107	0.00 - 0.50
7-00194	70433	Tl-208	0.309	0.0175	0.0204	0.00 - 0.50
7-00194	70434	Bi-212	0.681	0.1	0.0557	1.00 - 5.00
7-00194	70434	Bi-214	0.754	0.0248	0.0366	1.00 - 5.00
7-00194	70434	K-40	18.2	0.0948	0.988	1.00 - 5.00
7-00194	70434	Pb-212	0.935	0.0257	0.0536	1.00 - 5.00
7-00194	70434	Pb-214	0.856	0.0267	0.041	1.00 - 5.00
7-00194	70434	Th-234	1.21	0.236	0.124	1.00 - 5.00
7-00194	70434	Tl-208	0.268	0.0131	0.0165	1.00 - 5.00
7-00195	70436	Eu-155	0.0336 JSK	0.0565	0.0182	1.00 - 5.00
7-00195	70435	Ac-227	0.0672 U	0.217	0.0665	0.00 - 0.50
7-00195	70435	Cd-113m	-69.8 U	142	48.9	0.00 - 0.50
7-00195	70435	Co-60	-0.0072 U	0.0169	0.0053	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00195	70435	Cs-134	-0.0062 U	0.0159	0.0058	0.00 - 0.50
7-00195	70435	Eu-152	-0.0147 U	0.0514	0.0237	0.00 - 0.50
7-00195	70435	Eu-154	0.0139 U	0.102	0.0304	0.00 - 0.50
7-00195	70435	Eu-155	0.0354 U	0.08	0.0248	0.00 - 0.50
7-00195	70435	Ho-166m	0.0042 U	0.0282	0.0083	0.00 - 0.50
7-00195	70435	Na-22	-0.0124 U	0.0217	0.0072	0.00 - 0.50
7-00195	70435	Nb-94	0.0007 U	0.0154	0.0045	0.00 - 0.50
7-00195	70435	Np-236	-0.002 U	0.0424	0.0125	0.00 - 0.50
7-00195	70435	Np-239	0.0152 U	0.142	0.0427	0.00 - 0.50
7-00195	70435	Pa-231	-0.408 U	0.883	0.314	0.00 - 0.50
7-00195	70435	Sb-125	0.0133 U	0.0483	0.0148	0.00 - 0.50
7-00195	70435	Sn-126	-0.0042 U	0.017	0.0052	0.00 - 0.50
7-00195	70435	Sr-90	0.157 U	0.296	0.092	0.00 - 0.50
7-00195	70435	Tm-171	-8.19 U	17.5	6.55	0.00 - 0.50
7-00195	70436	Ac-227	-0.0216 U	0.162	0.0505	1.00 - 5.00
7-00195	70436	Cd-113m	34.8 U	111	34.7	1.00 - 5.00
7-00195	70436	Co-60	-0.001 U	0.0154	0.0044	1.00 - 5.00
7-00195	70436	Cs-134	-0.0038 U	0.012	0.0043	1.00 - 5.00
7-00195	70436	Cs-137	-0.0066 U	0.0143	0.0047	1.00 - 5.00
7-00195	70436	Eu-152	-0.023 U	0.0389	0.0132	1.00 - 5.00
7-00195	70436	Eu-154	-0.0154 U	0.0897	0.0271	1.00 - 5.00
7-00195	70436	Ho-166m	-0.0026 U	0.0225	0.0065	1.00 - 5.00
7-00195	70436	Na-22	-0.0004 U	0.0187	0.0054	1.00 - 5.00
7-00195	70436	Nb-94	-0.0017 U	0.0128	0.0038	1.00 - 5.00
7-00195	70436	Np-239	-0.0167 U	0.106	0.0331	1.00 - 5.00
7-00195	70436	Pa-231	-0.323 U	0.653	0.207	1.00 - 5.00
7-00195	70436	Sb-125	0.0112 U	0.0387	0.0115	1.00 - 5.00
7-00195	70436	Sn-126	-0.0003 U	0.0146	0.0042	1.00 - 5.00
7-00195	70436	Sr-90	0.0607 U	0.374	0.108	1.00 - 5.00
7-00195	70436	Tm-171	-2.97 U	11	3.63	1.00 - 5.00
7-00195	70436	Np-236	-0.0305 U J	0.029	0.0114	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00195	70435	Bi-212	0.673	0.13	0.0702	0.00 - 0.50
7-00195	70435	Bi-214	0.82	0.0305	0.0419	0.00 - 0.50
7-00195	70435	Cs-137	0.277	0.0176	0.0181	0.00 - 0.50
7-00195	70435	K-40	19.4	0.131	1.06	0.00 - 0.50
7-00195	70435	Pb-212	0.951	0.0354	0.0565	0.00 - 0.50
7-00195	70435	Pb-214	0.916	0.0381	0.0461	0.00 - 0.50
7-00195	70435	Th-234	0.938	0.35	0.135	0.00 - 0.50
7-00195	70435	Tl-208	0.318	0.017	0.0209	0.00 - 0.50
7-00195	70436	Bi-212	0.709	0.107	0.07	1.00 - 5.00
7-00195	70436	Bi-214	0.75	0.0255	0.0372	1.00 - 5.00
7-00195	70436	K-40	21.2	0.109	1.14	1.00 - 5.00
7-00195	70436	Pb-212	1.01	0.0273	0.0582	1.00 - 5.00
7-00195	70436	Pb-214	0.82	0.0279	0.0392	1.00 - 5.00
7-00195	70436	Th-234	0.921	0.246	0.11	1.00 - 5.00
7-00195	70436	Tl-208	0.301	0.014	0.0182	1.00 - 5.00
7-00196	70330	Eu-155	0.0752 JSK	0.0578	0.0247	0.00 - 0.50
7-00196	70330	Cd-113m	52.3 U	110	34.1	0.00 - 0.50
7-00196	70330	Co-60	-0.0004 U	0.0144	0.0042	0.00 - 0.50
7-00196	70330	Cs-134	0.0049 U	0.0126	0.0042	0.00 - 0.50
7-00196	70330	Eu-152	-0.0186 U	0.0408	0.0141	0.00 - 0.50
7-00196	70330	Ho-166m	-0.002 U	0.0223	0.0065	0.00 - 0.50
7-00196	70330	Na-22	0.0004 U	0.0171	0.0055	0.00 - 0.50
7-00196	70330	Nb-94	0.0033 U	0.0132	0.0039	0.00 - 0.50
7-00196	70330	Np-236	0.0121 U	0.0308	0.0098	0.00 - 0.50
7-00196	70330	Np-239	-0.007 U	0.11	0.0324	0.00 - 0.50
7-00196	70330	Pa-231	-0.314 U	0.673	0.215	0.00 - 0.50
7-00196	70330	Sb-125	-0.003 U	0.0388	0.0117	0.00 - 0.50
7-00196	70330	Sn-126	0.0057 U	0.0149	0.0044	0.00 - 0.50
7-00196	70330	Tm-171	-2.47 U	9.16	3.16	0.00 - 0.50
7-00196	70330	Ac-227	-0.13 U J	0.159	0.057	0.00 - 0.50
7-00196	70330	Eu-154	-0.0799 U J	0.0791	0.0317	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00196	70330	Cs-137	0.38	0.0153	0.0226	0.00 - 0.50
7-00196	70330	Bi-212	0.727	0.108	0.0639	0.00 - 0.50
7-00196	70330	Bi-214	0.893	0.0262	0.0425	0.00 - 0.50
7-00196	70330	K-40	20.5	0.116	1.12	0.00 - 0.50
7-00196	70330	Pb-212	1.22	0.0273	0.0657	0.00 - 0.50
7-00196	70330	Pb-214	1.03	0.0285	0.0473	0.00 - 0.50
7-00196	70330	Th-234	1.23	0.229	0.113	0.00 - 0.50
7-00196	70330	Tl-208	0.387	0.0138	0.0221	0.00 - 0.50
7-00197	70332	Eu-155	0.045 JSK	0.0583	0.02	0.00 - 0.50
7-00197	70333	Eu-155	0.0308 JSK	0.0608	0.0196	1.00 - 5.00
7-00197	70333	Nb-94	0.0089 JSK	0.0135	0.0044	1.00 - 5.00
7-00197	70333	Sb-125	0.0236 JSK	0.0385	0.0127	1.00 - 5.00
7-00197	70332	Ac-227	0.0762 U	0.171	0.0551	0.00 - 0.50
7-00197	70332	Cd-113m	-52.3 U	108	36.4	0.00 - 0.50
7-00197	70332	Co-60	0.0046 U	0.0162	0.0047	0.00 - 0.50
7-00197	70332	Cs-134	-0.0003 U	0.0125	0.0043	0.00 - 0.50
7-00197	70332	Eu-152	-0.0111 U	0.0405	0.0123	0.00 - 0.50
7-00197	70332	Eu-154	-0.0517 U	0.0852	0.0291	0.00 - 0.50
7-00197	70332	Ho-166m	0.0008 U	0.0226	0.0065	0.00 - 0.50
7-00197	70332	Na-22	0.0056 U	0.0195	0.0057	0.00 - 0.50
7-00197	70332	Nb-94	0.0008 U	0.0134	0.0039	0.00 - 0.50
7-00197	70332	Np-239	0.0172 U	0.113	0.0349	0.00 - 0.50
7-00197	70332	Pa-231	0.0007 U	0.688	0.199	0.00 - 0.50
7-00197	70332	Sb-125	0.0191 U	0.0394	0.0122	0.00 - 0.50
7-00197	70332	Sn-126	-0.0061 U	0.0143	0.0045	0.00 - 0.50
7-00197	70332	Tm-171	-0.231 U	11.1	3.56	0.00 - 0.50
7-00197	70333	Ac-227	-0.0452 U	0.174	0.0539	1.00 - 5.00
7-00197	70333	Cd-113m	15.3 U	116	36.2	1.00 - 5.00
7-00197	70333	Co-60	-0.0042 U	0.0145	0.0044	1.00 - 5.00
7-00197	70333	Cs-134	-0.0083 U	0.0121	0.0047	1.00 - 5.00
7-00197	70333	Cs-137	-0.0003 U	0.0146	0.005	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00197	70333	Eu-152	-0.013 U	0.0408	0.0158	1.00 - 5.00
7-00197	70333	Eu-154	-0.0335 U	0.0809	0.0262	1.00 - 5.00
7-00197	70333	Ho-166m	0.0031 U	0.0229	0.0067	1.00 - 5.00
7-00197	70333	Na-22	-0.0047 U	0.0172	0.0052	1.00 - 5.00
7-00197	70333	Np-236	-0.006 U	0.0327	0.0097	1.00 - 5.00
7-00197	70333	Np-239	-0.0242 U	0.117	0.0356	1.00 - 5.00
7-00197	70333	Pa-231	-0.0799 U	0.734	0.223	1.00 - 5.00
7-00197	70333	Sn-126	0.0004 U	0.0143	0.0042	1.00 - 5.00
7-00197	70333	Tm-171	-2.21 U	10.1	3.59	1.00 - 5.00
7-00197	70332	Np-236	-0.0272 U J	0.0302	0.0112	0.00 - 0.50
7-00197	70332	Cs-137	0.244	0.0151	0.0158	0.00 - 0.50
7-00197	70332	Bi-212	0.613	0.111	0.0611	0.00 - 0.50
7-00197	70332	Bi-214	0.681	0.0262	0.0345	0.00 - 0.50
7-00197	70332	K-40	23	0.118	1.24	0.00 - 0.50
7-00197	70332	Pb-212	1.03	0.0283	0.0592	0.00 - 0.50
7-00197	70332	Pb-214	0.792	0.0303	0.0384	0.00 - 0.50
7-00197	70332	Th-234	1.02	0.244	0.114	0.00 - 0.50
7-00197	70332	Tl-208	0.334	0.0138	0.0197	0.00 - 0.50
7-00197	70333	Bi-212	0.743	0.111	0.0719	1.00 - 5.00
7-00197	70333	Bi-214	0.925	0.0258	0.0442	1.00 - 5.00
7-00197	70333	K-40	20.8	0.113	1.12	1.00 - 5.00
7-00197	70333	Pb-212	1.29	0.0286	0.0819	1.00 - 5.00
7-00197	70333	Pb-214	1.06	0.0294	0.0525	1.00 - 5.00
7-00197	70333	Th-234	1.48	0.244	0.145	1.00 - 5.00
7-00197	70333	Tl-208	0.389	0.0145	0.0224	1.00 - 5.00
7-00198	70334	Eu-154	0.0761 J	0.107	0.0355	0.00 - 0.50
7-00198	70334	Th-234	1.6 J	0.405	0.422	0.00 - 0.50
7-00198	70335	Eu-155	0.0634 JSK	0.069	0.0256	1.00 - 1.75
7-00198	70335	Nb-94	0.009 JSK	0.0153	0.0048	1.00 - 1.75
7-00198	70334	Eu-155	0.0806 SK	0.0748	0.0255	0.00 - 0.50
7-00198	70334	Ac-227	-0.018 U	0.205	0.0634	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00198	70334	Cd-113m	-56.7 U	135	44.4	0.00 - 0.50
7-00198	70334	Co-60	-0.0036 U	0.0178	0.0054	0.00 - 0.50
7-00198	70334	Cs-134	-0.0003 U	0.0145	0.0049	0.00 - 0.50
7-00198	70334	Eu-152	0.0196 U	0.0505	0.0175	0.00 - 0.50
7-00198	70334	Ho-166m	0.0047 U	0.0272	0.008	0.00 - 0.50
7-00198	70334	Na-22	0.0082 U	0.0224	0.0067	0.00 - 0.50
7-00198	70334	Nb-94	0.0052 U	0.0156	0.0047	0.00 - 0.50
7-00198	70334	Np-236	-0.0011 U	0.0404	0.0124	0.00 - 0.50
7-00198	70334	Np-239	0.0087 U	0.137	0.042	0.00 - 0.50
7-00198	70334	Pa-231	-0.344 U	0.846	0.279	0.00 - 0.50
7-00198	70334	Sb-125	-0.0097 U	0.0464	0.0142	0.00 - 0.50
7-00198	70334	Sn-126	0.0025 U	0.0175	0.0051	0.00 - 0.50
7-00198	70334	Tm-171	-9.68 U	18.9	6.06	0.00 - 0.50
7-00198	70335	Ac-227	-0.0387 U	0.19	0.0572	1.00 - 1.75
7-00198	70335	Cd-113m	17.1 U	127	38.8	1.00 - 1.75
7-00198	70335	Co-60	-0.0011 U	0.0163	0.0048	1.00 - 1.75
7-00198	70335	Cs-134	0.0024 U	0.0137	0.0046	1.00 - 1.75
7-00198	70335	Eu-152	-0.0179 U	0.0467	0.016	1.00 - 1.75
7-00198	70335	Eu-154	0.0376 U	0.0907	0.0316	1.00 - 1.75
7-00198	70335	Ho-166m	0.0022 U	0.0253	0.0074	1.00 - 1.75
7-00198	70335	Na-22	-0.0024 U	0.0203	0.006	1.00 - 1.75
7-00198	70335	Np-236	-0.0034 U	0.0365	0.0112	1.00 - 1.75
7-00198	70335	Np-239	-0.0023 U	0.126	0.0371	1.00 - 1.75
7-00198	70335	Pa-231	-0.31 U	0.771	0.244	1.00 - 1.75
7-00198	70335	Sb-125	0.0016 U	0.0426	0.0129	1.00 - 1.75
7-00198	70335	Sn-126	-0.0048 U	0.0161	0.005	1.00 - 1.75
7-00198	70335	Tm-171	-11.6 U	14.8	5.82	1.00 - 1.75
7-00198	70334	Cs-137	0.324	0.0166	0.0194	0.00 - 0.50
7-00198	70334	Bi-212	0.692	0.132	0.0666	0.00 - 0.50
7-00198	70334	Bi-214	0.906	0.0302	0.0436	0.00 - 0.50
7-00198	70334	K-40	21.3	0.125	1.33	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00198	70334	Pb-212	1.21	0.0341	0.0806	0.00 - 0.50
7-00198	70334	Pb-214	1.02	0.0351	0.0524	0.00 - 0.50
7-00198	70334	Tl-208	0.4	0.0158	0.0234	0.00 - 0.50
7-00198	70335	Bi-212	0.832	0.119	0.0699	1.00 - 1.75
7-00198	70335	Bi-214	0.924	0.0274	0.0439	1.00 - 1.75
7-00198	70335	Cs-137	0.111	0.0173	0.0093	1.00 - 1.75
7-00198	70335	K-40	21.2	0.113	1.24	1.00 - 1.75
7-00198	70335	Pb-212	1.24	0.0328	0.0831	1.00 - 1.75
7-00198	70335	Pb-214	1.03	0.0342	0.0519	1.00 - 1.75
7-00198	70335	Th-234	1.24	0.288	0.163	1.00 - 1.75
7-00198	70335	Tl-208	0.385	0.0151	0.0232	1.00 - 1.75
7-00199	70336	Cs-134	0.0066 JSK	0.0128	0.0046	0.00 - 0.50
7-00199	70337	Nb-94	0.0085 JSK	0.0174	0.0055	1.00 - 3.00
7-00199	70336	Eu-155	0.0485 SK	0.0563	0.0185	0.00 - 0.50
7-00199	70337	Eu-155	0.0543 SK	0.053	0.0193	1.00 - 3.00
7-00199	70336	Cd-113m	-1.78 U	109	31.8	0.00 - 0.50
7-00199	70336	Co-60	0.0029 U	0.0137	0.004	0.00 - 0.50
7-00199	70336	Eu-152	-0.0061 U	0.0378	0.0122	0.00 - 0.50
7-00199	70336	Ho-166m	-0.0109 U	0.0209	0.0067	0.00 - 0.50
7-00199	70336	Na-22	-0.007 U	0.0156	0.0054	0.00 - 0.50
7-00199	70336	Nb-94	0.0005 U	0.0124	0.0036	0.00 - 0.50
7-00199	70336	Np-236	-0.0124 U	0.0307	0.0099	0.00 - 0.50
7-00199	70336	Np-239	0.0339 U	0.109	0.0325	0.00 - 0.50
7-00199	70336	Pa-231	-0.08 U	0.655	0.194	0.00 - 0.50
7-00199	70336	Sb-125	0.002 U	0.0351	0.0104	0.00 - 0.50
7-00199	70336	Sn-126	0.0052 U	0.0143	0.0042	0.00 - 0.50
7-00199	70336	Tm-171	0.937 U	10.5	3.52	0.00 - 0.50
7-00199	70337	Ac-227	0.0082 U	0.177	0.0543	1.00 - 3.00
7-00199	70337	Cd-113m	24.4 U	120	36.8	1.00 - 3.00
7-00199	70337	Co-60	-0.0098 U	0.0195	0.0063	1.00 - 3.00
7-00199	70337	Cs-134	-0.0064 U	0.0156	0.0058	1.00 - 3.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00199	70337	Eu-152	-0.0186 U	0.0447	0.0143	1.00 - 3.00
7-00199	70337	Eu-154	-0.0705 U	0.11	0.038	1.00 - 3.00
7-00199	70337	Ho-166m	0.0005 U	0.03	0.0086	1.00 - 3.00
7-00199	70337	Na-22	-0.0021 U	0.0238	0.0072	1.00 - 3.00
7-00199	70337	Np-236	-0.0069 U	0.0294	0.0088	1.00 - 3.00
7-00199	70337	Np-239	0.0242 U	0.116	0.0356	1.00 - 3.00
7-00199	70337	Pa-231	0.0295 U	0.715	0.22	1.00 - 3.00
7-00199	70337	Sb-125	0.0017 U	0.0435	0.0127	1.00 - 3.00
7-00199	70337	Sn-126	0.0026 U	0.0189	0.0057	1.00 - 3.00
7-00199	70337	Tm-171	0.987 U	6.52	2.26	1.00 - 3.00
7-00199	70336	Ac-227	-0.126 U J	0.154	0.055	0.00 - 0.50
7-00199	70336	Eu-154	-0.0625 U J	0.0758	0.028	0.00 - 0.50
7-00199	70336	Bi-212	0.731	0.0995	0.0656	0.00 - 0.50
7-00199	70336	Bi-214	0.903	0.0252	0.0425	0.00 - 0.50
7-00199	70336	Cs-137	0.12	0.0131	0.0103	0.00 - 0.50
7-00199	70336	K-40	19.4	0.103	1.05	0.00 - 0.50
7-00199	70336	Pb-212	1.15	0.0267	0.0647	0.00 - 0.50
7-00199	70336	Pb-214	0.975	0.028	0.0455	0.00 - 0.50
7-00199	70336	Th-234	1.22	0.247	0.143	0.00 - 0.50
7-00199	70336	Tl-208	0.354	0.0133	0.0209	0.00 - 0.50
7-00199	70337	Bi-212	0.763	0.15	0.0812	1.00 - 3.00
7-00199	70337	Bi-214	0.883	0.0334	0.0449	1.00 - 3.00
7-00199	70337	Cs-137	0.082	0.0213	0.0108	1.00 - 3.00
7-00199	70337	K-40	19.5	0.156	1.07	1.00 - 3.00
7-00199	70337	Pb-212	1.19	0.0291	0.0664	1.00 - 3.00
7-00199	70337	Pb-214	0.937	0.0314	0.0453	1.00 - 3.00
7-00199	70337	Th-234	1.38	0.217	0.118	1.00 - 3.00
7-00199	70337	Tl-208	0.398	0.0174	0.0245	1.00 - 3.00
7-00200	70338	Th-234	1.07 J	0.416	0.293	0.00 - 0.50
7-00200	70339	Co-60	0.0114 J	0.0206	0.0063	1.00 - 5.00
7-00200	70339	Pa-231	0.618 J	0.896	0.317	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00200	70339	Th-234	1.74 J	0.392	0.455	1.00 - 5.00
7-00200	70339	Nb-94	0.0151 JSK	0.0176	0.0061	1.00 - 5.00
7-00200	70338	Eu-155	0.117 SK	0.0786	0.0302	0.00 - 0.50
7-00200	70339	Eu-155	0.0939 SK	0.0711	0.0322	1.00 - 5.00
7-00200	70338	Ac-227	0.0832 U	0.213	0.0663	0.00 - 0.50
7-00200	70338	Cd-113m	-47.1 U	143	47.6	0.00 - 0.50
7-00200	70338	Co-60	-0.0035 U	0.0176	0.0053	0.00 - 0.50
7-00200	70338	Cs-134	0.0015 U	0.0159	0.0054	0.00 - 0.50
7-00200	70338	Eu-152	-0.0332 U	0.0525	0.0216	0.00 - 0.50
7-00200	70338	Eu-154	0.03 U	0.106	0.032	0.00 - 0.50
7-00200	70338	Ho-166m	-0.0019 U	0.0274	0.0081	0.00 - 0.50
7-00200	70338	Na-22	-0.0049 U	0.0211	0.0063	0.00 - 0.50
7-00200	70338	Nb-94	0.0044 U	0.0158	0.0047	0.00 - 0.50
7-00200	70338	Np-236	-0.0042 U	0.0432	0.014	0.00 - 0.50
7-00200	70338	Np-239	0.0014 U	0.144	0.0432	0.00 - 0.50
7-00200	70338	Pa-231	0.186 U	0.903	0.301	0.00 - 0.50
7-00200	70338	Sb-125	0.0135 U	0.0483	0.0148	0.00 - 0.50
7-00200	70338	Sn-126	-0.0019 U	0.0181	0.0054	0.00 - 0.50
7-00200	70338	Tm-171	-12 U	17.8	6.28	0.00 - 0.50
7-00200	70339	Ac-227	-0.0571 U	0.209	0.0643	1.00 - 5.00
7-00200	70339	Cd-113m	54.7 U	145	47.7	1.00 - 5.00
7-00200	70339	Cs-134	0.0074 U	0.0173	0.006	1.00 - 5.00
7-00200	70339	Eu-152	0.0109 U	0.0518	0.0192	1.00 - 5.00
7-00200	70339	Eu-154	-0.0321 U	0.107	0.0324	1.00 - 5.00
7-00200	70339	Ho-166m	0.0087 U	0.0303	0.0091	1.00 - 5.00
7-00200	70339	Na-22	-0.0086 U	0.0239	0.0075	1.00 - 5.00
7-00200	70339	Np-236	0.0071 U	0.0398	0.0124	1.00 - 5.00
7-00200	70339	Np-239	0.0067 U	0.141	0.042	1.00 - 5.00
7-00200	70339	Sb-125	-0.0169 U	0.047	0.0152	1.00 - 5.00
7-00200	70339	Sn-126	0.0005 U	0.0185	0.0055	1.00 - 5.00
7-00200	70339	Tm-171	-1.68 U	15.9	4.87	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00200	70339	Cs-137	-0.015 U J	0.0183	0.0067	1.00 - 5.00
7-00200	70338	Bi-212	0.689	0.138	0.0799	0.00 - 0.50
7-00200	70338	Bi-214	0.858	0.032	0.0421	0.00 - 0.50
7-00200	70338	Cs-137	0.079	0.0193	0.009	0.00 - 0.50
7-00200	70338	K-40	20.6	0.134	1.12	0.00 - 0.50
7-00200	70338	Pb-212	1.18	0.036	0.069	0.00 - 0.50
7-00200	70338	Pb-214	0.919	0.0386	0.0452	0.00 - 0.50
7-00200	70338	Tl-208	0.371	0.017	0.0222	0.00 - 0.50
7-00200	70339	Bi-212	0.862	0.143	0.0917	1.00 - 5.00
7-00200	70339	Bi-214	1.01	0.0344	0.0507	1.00 - 5.00
7-00200	70339	K-40	19.6	0.149	1.07	1.00 - 5.00
7-00200	70339	Pb-212	1.35	0.0361	0.0811	1.00 - 5.00
7-00200	70339	Pb-214	1.1	0.0376	0.0528	1.00 - 5.00
7-00200	70339	Tl-208	0.385	0.0187	0.0237	1.00 - 5.00
7-00201	70340	Ac-227	0.091 J	0.157	0.0499	0.00 - 0.50
7-00201	70340	Cs-137	0.0702 J	0.0137	0.0067	0.00 - 0.50
7-00201	70340	Eu-154	0.044 J	0.0796	0.0277	0.00 - 0.50
7-00201	70340	Pa-231	0.327 J	0.659	0.211	0.00 - 0.50
7-00201	70341	Eu-152	0.0319 J	0.044	0.0153	1.00 - 5.00
7-00201	70341	Np-239	0.0674 J	0.122	0.0402	1.00 - 5.00
7-00201	70340	Eu-155	0.056 JSK	0.0608	0.0224	0.00 - 0.50
7-00201	70341	Cs-134	0.0105 JSK	0.0139	0.0052	1.00 - 5.00
7-00201	70341	Eu-155	0.0824 SK	0.06	0.0241	1.00 - 5.00
7-00201	70340	Cd-113m	-11.9 U	104	30.6	0.00 - 0.50
7-00201	70340	Co-60	0.007 U	0.0148	0.0045	0.00 - 0.50
7-00201	70340	Cs-134	0.0049 U	0.0117	0.0041	0.00 - 0.50
7-00201	70340	Eu-152	-0.023 U	0.0374	0.0129	0.00 - 0.50
7-00201	70340	Ho-166m	0.0005 U	0.0201	0.0061	0.00 - 0.50
7-00201	70340	Nb-94	0.0045 U	0.0122	0.0038	0.00 - 0.50
7-00201	70340	Np-236	-0.0023 U	0.0313	0.0096	0.00 - 0.50
7-00201	70340	Np-239	-0.0109 U	0.106	0.031	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00201	70340	Sb-125	0.0004 U	0.0348	0.0103	0.00 - 0.50
7-00201	70340	Sn-126	0.0026 U	0.0134	0.0041	0.00 - 0.50
7-00201	70340	Tm-171	-0.89 U	12.1	4.08	0.00 - 0.50
7-00201	70341	Ac-227	-0.0663 U	0.178	0.0579	1.00 - 5.00
7-00201	70341	Cd-113m	-69.5 U	117	40.6	1.00 - 5.00
7-00201	70341	Co-60	0.0002 U	0.0167	0.0048	1.00 - 5.00
7-00201	70341	Ho-166m	0.0036 U	0.025	0.0072	1.00 - 5.00
7-00201	70341	Na-22	-0.0041 U	0.019	0.0056	1.00 - 5.00
7-00201	70341	Nb-94	0.0067 U	0.0146	0.0044	1.00 - 5.00
7-00201	70341	Np-236	-0.0066 U	0.033	0.01	1.00 - 5.00
7-00201	70341	Pa-231	0.0362 U	0.742	0.214	1.00 - 5.00
7-00201	70341	Sb-125	-0.0048 U	0.0404	0.0121	1.00 - 5.00
7-00201	70341	Sn-126	0.0049 U	0.0158	0.0046	1.00 - 5.00
7-00201	70341	Tm-171	1.19 U	12.2	3.94	1.00 - 5.00
7-00201	70340	Na-22	-0.0124 U J	0.0155	0.0058	0.00 - 0.50
7-00201	70341	Cs-137	-0.0059 U J	0.0158	0.0058	1.00 - 5.00
7-00201	70341	Eu-154	-0.0778 U J	0.0891	0.0336	1.00 - 5.00
7-00201	70340	Bi-212	0.65	0.102	0.063	0.00 - 0.50
7-00201	70340	Bi-214	0.832	0.0234	0.0397	0.00 - 0.50
7-00201	70340	K-40	19.8	0.101	1.07	0.00 - 0.50
7-00201	70340	Pb-212	1.17	0.0265	0.0651	0.00 - 0.50
7-00201	70340	Pb-214	0.894	0.0274	0.0418	0.00 - 0.50
7-00201	70340	Th-234	1.1	0.257	0.124	0.00 - 0.50
7-00201	70340	Tl-208	0.356	0.0136	0.0208	0.00 - 0.50
7-00201	70341	Bi-212	0.879	0.119	0.0787	1.00 - 5.00
7-00201	70341	Bi-214	0.99	0.0277	0.0473	1.00 - 5.00
7-00201	70341	K-40	20.6	0.121	1.11	1.00 - 5.00
7-00201	70341	Pb-212	1.3	0.0314	0.0745	1.00 - 5.00
7-00201	70341	Pb-214	1.14	0.0308	0.0528	1.00 - 5.00
7-00201	70341	Th-234	1.59	0.272	0.153	1.00 - 5.00
7-00201	70341	Tl-208	0.408	0.0157	0.0233	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00202	70342	Cs-134	0.0114 JSK	0.015	0.0054	0.00 - 0.50
7-00202	70342	Ac-227	-0.0127 U	0.189	0.0557	0.00 - 0.50
7-00202	70342	Cd-113m	-28.6 U	126	37.9	0.00 - 0.50
7-00202	70342	Co-60	0.002 U	0.0155	0.0044	0.00 - 0.50
7-00202	70342	Eu-152	-0.006 U	0.0486	0.0158	0.00 - 0.50
7-00202	70342	Eu-154	-0.0376 U	0.082	0.0267	0.00 - 0.50
7-00202	70342	Eu-155	0.0246 U	0.0614	0.0194	0.00 - 0.50
7-00202	70342	Ho-166m	0.0034 U	0.0239	0.0069	0.00 - 0.50
7-00202	70342	Na-22	0.0012 U	0.0189	0.0054	0.00 - 0.50
7-00202	70342	Nb-94	0.0032 U	0.0137	0.004	0.00 - 0.50
7-00202	70342	Np-236	0.0109 U	0.0335	0.0105	0.00 - 0.50
7-00202	70342	Np-239	0.0471 U	0.127	0.0383	0.00 - 0.50
7-00202	70342	Pa-231	-0.134 U	0.803	0.24	0.00 - 0.50
7-00202	70342	Sb-125	-0.0188 U	0.0477	0.0152	0.00 - 0.50
7-00202	70342	Sn-126	-0.0033 U	0.0148	0.0044	0.00 - 0.50
7-00202	70342	Tm-171	-1.57 U	9.97	3.39	0.00 - 0.50
7-00202	70342	Cs-137	1.91	0.0166	0.104	0.00 - 0.50
7-00202	70342	Bi-212	0.7	0.11	0.0738	0.00 - 0.50
7-00202	70342	Bi-214	0.905	0.0308	0.0437	0.00 - 0.50
7-00202	70342	K-40	21.2	0.115	1.16	0.00 - 0.50
7-00202	70342	Pb-212	1.17	0.0312	0.0638	0.00 - 0.50
7-00202	70342	Pb-214	1.06	0.0347	0.0496	0.00 - 0.50
7-00202	70342	Th-234	1.31	0.259	0.125	0.00 - 0.50
7-00202	70342	Tl-208	0.379	0.0157	0.0226	0.00 - 0.50
7-00203	70343	Co-60	0.0102 J	0.0167	0.0052	0.00 - 0.50
7-00203	70343	Nb-94	0.0122 JSK	0.0152	0.0052	0.00 - 0.50
7-00203	70343	Ac-227	-0.0614 U	0.18	0.0569	0.00 - 0.50
7-00203	70343	Cd-113m	-71.3 U	115	42	0.00 - 0.50
7-00203	70343	Cs-134	0.0005 U	0.0138	0.0047	0.00 - 0.50
7-00203	70343	Eu-152	-0.0265 U	0.0438	0.0162	0.00 - 0.50
7-00203	70343	Eu-154	-0.0201 U	0.0901	0.0269	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00203	70343	Eu-155	0.0278 U	0.0632	0.0195	0.00 - 0.50
7-00203	70343	Ho-166m	0.0042 U	0.0249	0.0074	0.00 - 0.50
7-00203	70343	Na-22	-0.0027 U	0.019	0.0057	0.00 - 0.50
7-00203	70343	Np-236	-0.0059 U	0.0336	0.01	0.00 - 0.50
7-00203	70343	Np-239	-0.013 U	0.12	0.0365	0.00 - 0.50
7-00203	70343	Pa-231	0.0651 U	0.738	0.255	0.00 - 0.50
7-00203	70343	Sb-125	0.0011 U	0.0407	0.0118	0.00 - 0.50
7-00203	70343	Sn-126	-0.0045 U	0.0155	0.0048	0.00 - 0.50
7-00203	70343	Tm-171	-1.07 U	11.4	4.03	0.00 - 0.50
7-00203	70343	Bi-212	0.685	0.117	0.0721	0.00 - 0.50
7-00203	70343	Bi-214	0.883	0.0281	0.043	0.00 - 0.50
7-00203	70343	Cs-137	0.0357	0.0165	0.0078	0.00 - 0.50
7-00203	70343	K-40	21.4	0.123	1.15	0.00 - 0.50
7-00203	70343	Pb-212	1.26	0.0295	0.0716	0.00 - 0.50
7-00203	70343	Pb-214	0.998	0.0319	0.048	0.00 - 0.50
7-00203	70343	Th-234	0.922	0.269	0.116	0.00 - 0.50
7-00203	70343	Tl-208	0.412	0.0151	0.0237	0.00 - 0.50
7-00204	70344	Eu-152	0.0282 J	0.0438	0.0145	0.00 - 0.50
7-00204	70344	Eu-155	0.0433 JSK	0.0607	0.0204	0.00 - 0.50
7-00204	70344	Ho-166m	0.0148 JSK	0.0237	0.0074	0.00 - 0.50
7-00204	70344	Ac-227	0.0481 U	0.175	0.0549	0.00 - 0.50
7-00204	70344	Cd-113m	8.28 U	117	36.3	0.00 - 0.50
7-00204	70344	Co-60	-0.0074 U	0.0153	0.0049	0.00 - 0.50
7-00204	70344	Cs-134	-0.0046 U	0.0129	0.0047	0.00 - 0.50
7-00204	70344	Eu-154	-0.0545 U	0.0841	0.0291	0.00 - 0.50
7-00204	70344	Na-22	-0.0098 U	0.0184	0.006	0.00 - 0.50
7-00204	70344	Nb-94	-0.0042 U	0.0131	0.004	0.00 - 0.50
7-00204	70344	Np-236	-0.0096 U	0.0315	0.0097	0.00 - 0.50
7-00204	70344	Np-239	-0.0142 U	0.116	0.036	0.00 - 0.50
7-00204	70344	Pa-231	0.0438 U	0.735	0.212	0.00 - 0.50
7-00204	70344	Sb-125	-0.0113 U	0.0406	0.0124	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00204	70344	Sn-126	-0.0043 U	0.0148	0.0044	0.00 - 0.50
7-00204	70344	Tm-171	-3.61 U	11.2	3.73	0.00 - 0.50
7-00204	70344	Cs-137	0.626	0.0161	0.0359	0.00 - 0.50
7-00204	70344	Bi-212	0.681	0.11	0.066	0.00 - 0.50
7-00204	70344	Bi-214	0.791	0.0262	0.0391	0.00 - 0.50
7-00204	70344	K-40	21.8	0.103	1.17	0.00 - 0.50
7-00204	70344	Pb-212	1.1	0.0282	0.0633	0.00 - 0.50
7-00204	70344	Pb-214	0.92	0.03	0.0443	0.00 - 0.50
7-00204	70344	Th-234	1.11	0.254	0.125	0.00 - 0.50
7-00204	70344	Tl-208	0.328	0.0148	0.0198	0.00 - 0.50
7-00205	70345	Eu-152	0.0222 J	0.0418	0.0147	0.00 - 0.50
7-00205	70345	Nb-94	0.008 JSK	0.0136	0.0043	0.00 - 0.50
7-00205	70345	Np-236	0.0183 JSK	0.032	0.0106	0.00 - 0.50
7-00205	70345	Cs-134	0.0159 SK	0.0125	0.0046	0.00 - 0.50
7-00205	70345	Eu-155	0.0978 SK	0.0559	0.0236	0.00 - 0.50
7-00205	70345	Ac-227	-0.0101 U	0.167	0.0493	0.00 - 0.50
7-00205	70345	Cd-113m	13.6 U	114	33.5	0.00 - 0.50
7-00205	70345	Co-60	0.0048 U	0.0163	0.0047	0.00 - 0.50
7-00205	70345	Eu-154	-0.0448 U	0.0838	0.028	0.00 - 0.50
7-00205	70345	Ho-166m	0.0004 U	0.0233	0.0068	0.00 - 0.50
7-00205	70345	Na-22	0.004 U	0.0182	0.006	0.00 - 0.50
7-00205	70345	Np-239	-0.0205 U	0.113	0.0337	0.00 - 0.50
7-00205	70345	Pa-231	0.249 U	0.725	0.219	0.00 - 0.50
7-00205	70345	Sb-125	0.0175 U	0.0408	0.0127	0.00 - 0.50
7-00205	70345	Sn-126	0.0031 U	0.0154	0.0045	0.00 - 0.50
7-00205	70345	Tm-171	-3.7 U	9.37	3.3	0.00 - 0.50
7-00205	70345	Cs-137	0.324	0.0146	0.0195	0.00 - 0.50
7-00205	70345	Bi-212	0.835	0.107	0.0739	0.00 - 0.50
7-00205	70345	Bi-214	0.851	0.0257	0.0408	0.00 - 0.50
7-00205	70345	K-40	22.2	0.11	1.21	0.00 - 0.50
7-00205	70345	Pb-212	1.16	0.0287	0.063	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00205	70345	Pb-214	0.986	0.029	0.0457	0.00 - 0.50
7-00205	70345	Th-234	1.36	0.241	0.128	0.00 - 0.50
7-00205	70345	Tl-208	0.367	0.0152	0.0215	0.00 - 0.50
7-00206	70346	Pa-231	0.539 J	0.782	0.279	0.00 - 0.50
7-00206	70346	Eu-155	0.0525 JSK	0.0633	0.0221	0.00 - 0.50
7-00206	70346	Ac-227	-0.0227 U	0.189	0.0572	0.00 - 0.50
7-00206	70346	Cd-113m	-41.4 U	123	40.1	0.00 - 0.50
7-00206	70346	Co-60	-0.0015 U	0.0164	0.0048	0.00 - 0.50
7-00206	70346	Cs-134	0.0013 U	0.0138	0.0046	0.00 - 0.50
7-00206	70346	Eu-152	-0.0038 U	0.0456	0.0171	0.00 - 0.50
7-00206	70346	Eu-154	-0.0542 U	0.0898	0.0309	0.00 - 0.50
7-00206	70346	Ho-166m	-0.0136 U	0.0235	0.0079	0.00 - 0.50
7-00206	70346	Na-22	-0.0087 U	0.0189	0.006	0.00 - 0.50
7-00206	70346	Nb-94	0.0039 U	0.0141	0.0042	0.00 - 0.50
7-00206	70346	Np-236	0.0136 U	0.0347	0.0106	0.00 - 0.50
7-00206	70346	Np-239	0.0498 U	0.127	0.0395	0.00 - 0.50
7-00206	70346	Sb-125	0.0139 U	0.0426	0.0132	0.00 - 0.50
7-00206	70346	Sn-126	0.0026 U	0.0151	0.0044	0.00 - 0.50
7-00206	70346	Tm-171	-6.63 U	10.9	4.2	0.00 - 0.50
7-00206	70346	Cs-137	0.236	0.0169	0.0161	0.00 - 0.50
7-00206	70346	Bi-212	0.768	0.117	0.0677	0.00 - 0.50
7-00206	70346	Bi-214	0.909	0.0278	0.0446	0.00 - 0.50
7-00206	70346	K-40	22.4	0.127	1.21	0.00 - 0.50
7-00206	70346	Pb-212	1.24	0.0318	0.0797	0.00 - 0.50
7-00206	70346	Pb-214	1.03	0.0314	0.0512	0.00 - 0.50
7-00206	70346	Th-234	1.39	0.264	0.149	0.00 - 0.50
7-00206	70346	Tl-208	0.376	0.0151	0.0221	0.00 - 0.50
7-00207	70348	Eu-155	0.0927 SK	0.0715	0.0327	0.00 - 0.50
7-00207	70348	Ac-227	-0.0586 U	0.199	0.0632	0.00 - 0.50
7-00207	70348	Cd-113m	-83.2 U	130	45.4	0.00 - 0.50
7-00207	70348	Co-60	-0.0021 U	0.018	0.0054	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00207	70348	Cs-134	0.0052 U	0.0162	0.0056	0.00 - 0.50
7-00207	70348	Eu-152	-0.015 U	0.049	0.0171	0.00 - 0.50
7-00207	70348	Eu-154	0.0417 U	0.104	0.0356	0.00 - 0.50
7-00207	70348	Ho-166m	-0.0026 U	0.0267	0.0081	0.00 - 0.50
7-00207	70348	Na-22	0.0016 U	0.0219	0.0065	0.00 - 0.50
7-00207	70348	Nb-94	0.006 U	0.0162	0.005	0.00 - 0.50
7-00207	70348	Np-236	0.0004 U	0.0389	0.0133	0.00 - 0.50
7-00207	70348	Np-239	0.015 U	0.133	0.0409	0.00 - 0.50
7-00207	70348	Pa-231	-0.434 U	0.807	0.274	0.00 - 0.50
7-00207	70348	Sb-125	0.0184 U	0.0466	0.0142	0.00 - 0.50
7-00207	70348	Sn-126	-0.0025 U	0.0177	0.0054	0.00 - 0.50
7-00207	70348	Tm-171	-3.69 U	15.9	5.45	0.00 - 0.50
7-00207	70348	Bi-212	0.796	0.136	0.0826	0.00 - 0.50
7-00207	70348	Bi-214	0.77	0.0344	0.0393	0.00 - 0.50
7-00207	70348	Cs-137	0.059	0.0164	0.0077	0.00 - 0.50
7-00207	70348	K-40	22.2	0.141	1.2	0.00 - 0.50
7-00207	70348	Pb-212	1.25	0.0327	0.0698	0.00 - 0.50
7-00207	70348	Pb-214	0.884	0.0353	0.0422	0.00 - 0.50
7-00207	70348	Th-234	1.2	0.316	0.139	0.00 - 0.50
7-00207	70348	Tl-208	0.391	0.017	0.0232	0.00 - 0.50
7-00208	70349	Cs-134	0.0155 JSK	0.0168	0.0065	0.00 - 0.50
7-00208	70349	Ac-227	0.0245 U	0.22	0.066	0.00 - 0.50
7-00208	70349	Cd-113m	-12.3 U	148	49.3	0.00 - 0.50
7-00208	70349	Co-60	-0.0099 U	0.0175	0.0058	0.00 - 0.50
7-00208	70349	Eu-152	-0.0157 U	0.0521	0.0241	0.00 - 0.50
7-00208	70349	Eu-155	-0.0019 U	0.0815	0.024	0.00 - 0.50
7-00208	70349	Na-22	-0.01 U	0.0219	0.007	0.00 - 0.50
7-00208	70349	Nb-94	0.0051 U	0.0164	0.0049	0.00 - 0.50
7-00208	70349	Np-236	-0.0082 U	0.0439	0.0131	0.00 - 0.50
7-00208	70349	Np-239	-0.0075 U	0.149	0.0446	0.00 - 0.50
7-00208	70349	Pa-231	-0.349 U	0.913	0.307	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00208	70349	Sb-125	0.0015 U	0.0503	0.0153	0.00 - 0.50
7-00208	70349	Sn-126	0.0043 U	0.018	0.0053	0.00 - 0.50
7-00208	70349	Tm-171	-8.72 U	18.4	7.38	0.00 - 0.50
7-00208	70349	Eu-154	-0.0749 U J	0.102	0.0366	0.00 - 0.50
7-00208	70349	Ho-166m	-0.0222 U J	0.0274	0.01	0.00 - 0.50
7-00208	70349	Bi-212	0.701	0.143	0.0727	0.00 - 0.50
7-00208	70349	Bi-214	0.866	0.0333	0.0434	0.00 - 0.50
7-00208	70349	Cs-137	0.124	0.0201	0.0121	0.00 - 0.50
7-00208	70349	K-40	22.2	0.141	1.21	0.00 - 0.50
7-00208	70349	Pb-212	1.23	0.0377	0.0719	0.00 - 0.50
7-00208	70349	Pb-214	0.993	0.038	0.0481	0.00 - 0.50
7-00208	70349	Th-234	1.02	0.37	0.146	0.00 - 0.50
7-00208	70349	Tl-208	0.377	0.0185	0.0228	0.00 - 0.50
7-00209	70350	Eu-152	0.038 J	0.064	0.0243	0.00 - 0.50
7-00209	70350	Eu-155	0.0761 SK	0.0789	0.0333	0.00 - 0.50
7-00209	70350	Ac-227	-0.152 U	0.243	0.082	0.00 - 0.50
7-00209	70350	Cd-113m	-33.5 U	169	52.7	0.00 - 0.50
7-00209	70350	Co-60	0.0023 U	0.0274	0.0079	0.00 - 0.50
7-00209	70350	Cs-134	-0.0063 U	0.0213	0.0075	0.00 - 0.50
7-00209	70350	Eu-154	-0.0449 U	0.146	0.0443	0.00 - 0.50
7-00209	70350	Ho-166m	0.0034 U	0.0407	0.012	0.00 - 0.50
7-00209	70350	Na-22	0.0073 U	0.0323	0.0094	0.00 - 0.50
7-00209	70350	Nb-94	0.0106 U	0.0235	0.0072	0.00 - 0.50
7-00209	70350	Np-236	-0.0093 U	0.0436	0.0136	0.00 - 0.50
7-00209	70350	Np-239	0.0227 U	0.163	0.0479	0.00 - 0.50
7-00209	70350	Pa-231	-0.36 U	1.03	0.333	0.00 - 0.50
7-00209	70350	Sb-125	0.0228 U	0.0648	0.02	0.00 - 0.50
7-00209	70350	Sn-126	-0.0052 U	0.024	0.0073	0.00 - 0.50
7-00209	70350	Tm-171	-9.43 U	14.5	5.41	0.00 - 0.50
7-00209	70350	Bi-212	0.959	0.197	0.111	0.00 - 0.50
7-00209	70350	Bi-214	0.974	0.045	0.0511	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00209	70350	Cs-137	0.0824	0.0264	0.0145	0.00 - 0.50
7-00209	70350	K-40	21	0.195	1.21	0.00 - 0.50
7-00209	70350	Pb-212	1.43	0.042	0.0847	0.00 - 0.50
7-00209	70350	Pb-214	1.11	0.0448	0.0562	0.00 - 0.50
7-00209	70350	Th-234	1.33	0.348	0.165	0.00 - 0.50
7-00209	70350	Tl-208	0.456	0.0246	0.0298	0.00 - 0.50
7-00210	70351	Eu-155	0.0633 SK	0.0632	0.0252	0.00 - 0.50
7-00210	70351	Ac-227	-0.08 U	0.193	0.0618	0.00 - 0.50
7-00210	70351	Cd-113m	58.3 U	134	45	0.00 - 0.50
7-00210	70351	Co-60	0.0032 U	0.0164	0.0047	0.00 - 0.50
7-00210	70351	Cs-134	0.0037 U	0.0144	0.0049	0.00 - 0.50
7-00210	70351	Eu-152	-0.0095 U	0.0479	0.0182	0.00 - 0.50
7-00210	70351	Eu-154	-0.0005 U	0.0902	0.027	0.00 - 0.50
7-00210	70351	Ho-166m	0.0018 U	0.0247	0.0073	0.00 - 0.50
7-00210	70351	Na-22	-0.0005 U	0.0198	0.0058	0.00 - 0.50
7-00210	70351	Nb-94	0.003 U	0.014	0.0041	0.00 - 0.50
7-00210	70351	Np-236	0.0003 U	0.036	0.0113	0.00 - 0.50
7-00210	70351	Np-239	0.0327 U	0.133	0.0402	0.00 - 0.50
7-00210	70351	Pa-231	-0.14 U	0.82	0.26	0.00 - 0.50
7-00210	70351	Sb-125	0.0085 U	0.0476	0.0146	0.00 - 0.50
7-00210	70351	Sn-126	0.0029 U	0.0159	0.0047	0.00 - 0.50
7-00210	70351	Tm-171	-2.88 U	11.2	3.99	0.00 - 0.50
7-00210	70351	Cs-137	0.955	0.0173	0.0538	0.00 - 0.50
7-00210	70351	Bi-212	0.802	0.12	0.074	0.00 - 0.50
7-00210	70351	Bi-214	0.801	0.0302	0.0398	0.00 - 0.50
7-00210	70351	K-40	22.4	0.117	1.21	0.00 - 0.50
7-00210	70351	Pb-212	1.32	0.0329	0.0842	0.00 - 0.50
7-00210	70351	Pb-214	0.91	0.0358	0.0471	0.00 - 0.50
7-00210	70351	Th-234	1.24	0.274	0.146	0.00 - 0.50
7-00210	70351	Tl-208	0.404	0.0158	0.0238	0.00 - 0.50
7-00211	70352	Co-60	0.0102 J	0.0169	0.0052	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00211	70352	Cs-134	0.011 JSK	0.0142	0.0052	0.00 - 0.50
7-00211	70352	Nb-94	0.012 JSK	0.0149	0.005	0.00 - 0.50
7-00211	70352	Eu-155	0.0686 SK	0.0631	0.024	0.00 - 0.50
7-00211	70352	Ac-227	0.0017 U	0.178	0.0518	0.00 - 0.50
7-00211	70352	Cd-113m	-14.1 U	119	34.9	0.00 - 0.50
7-00211	70352	Eu-152	-0.0225 U	0.0441	0.0148	0.00 - 0.50
7-00211	70352	Eu-154	-0.0345 U	0.0907	0.029	0.00 - 0.50
7-00211	70352	Ho-166m	-0.0064 U	0.0246	0.0074	0.00 - 0.50
7-00211	70352	Na-22	-0.0027 U	0.0185	0.0055	0.00 - 0.50
7-00211	70352	Np-236	-0.0089 U	0.0336	0.0104	0.00 - 0.50
7-00211	70352	Np-239	-0.0396 U	0.117	0.0356	0.00 - 0.50
7-00211	70352	Pa-231	0.212 U	0.745	0.222	0.00 - 0.50
7-00211	70352	Sb-125	0.004 U	0.0423	0.0126	0.00 - 0.50
7-00211	70352	Sn-126	-0.0012 U	0.0155	0.0045	0.00 - 0.50
7-00211	70352	Tm-171	1.47 U	12.5	4.09	0.00 - 0.50
7-00211	70352	Bi-212	0.817	0.124	0.0707	0.00 - 0.50
7-00211	70352	Bi-214	0.94	0.0288	0.0447	0.00 - 0.50
7-00211	70352	Cs-137	0.141	0.0173	0.0109	0.00 - 0.50
7-00211	70352	K-40	20.8	0.12	1.15	0.00 - 0.50
7-00211	70352	Pb-212	1.26	0.0307	0.0695	0.00 - 0.50
7-00211	70352	Pb-214	1.05	0.0311	0.0489	0.00 - 0.50
7-00211	70352	Th-234	1.39	0.273	0.14	0.00 - 0.50
7-00211	70352	Tl-208	0.383	0.0157	0.0221	0.00 - 0.50
7-00212	70353	Nb-94	0.008 JSK	0.0158	0.005	0.00 - 0.50
7-00212	70353	Ac-227	-0.0041 U	0.202	0.062	0.00 - 0.50
7-00212	70353	Cd-113m	51.3 U	137	44.6	0.00 - 0.50
7-00212	70353	Co-60	-0.0035 U	0.017	0.005	0.00 - 0.50
7-00212	70353	Cs-134	0.0006 U	0.0154	0.0053	0.00 - 0.50
7-00212	70353	Eu-152	-0.0308 U	0.0491	0.0229	0.00 - 0.50
7-00212	70353	Eu-154	-0.051 U	0.0989	0.0325	0.00 - 0.50
7-00212	70353	Eu-155	0.0118 U	0.0696	0.0214	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00212	70353	Ho-166m	-0.0094 U	0.0266	0.0085	0.00 - 0.50
7-00212	70353	Np-236	-0.004 U	0.0376	0.0112	0.00 - 0.50
7-00212	70353	Np-239	0.0498 U	0.137	0.043	0.00 - 0.50
7-00212	70353	Pa-231	-0.105 U	0.851	0.264	0.00 - 0.50
7-00212	70353	Sb-125	0.0155 U	0.0481	0.0145	0.00 - 0.50
7-00212	70353	Sn-126	-0.0041 U	0.0168	0.0053	0.00 - 0.50
7-00212	70353	Tm-171	-2.29 U	11.8	3.95	0.00 - 0.50
7-00212	70353	Na-22	-0.0174 U J	0.0204	0.0077	0.00 - 0.50
7-00212	70353	Cs-137	0.406	0.0179	0.0235	0.00 - 0.50
7-00212	70353	Bi-212	0.974	0.133	0.0872	0.00 - 0.50
7-00212	70353	Bi-214	1.16	0.0312	0.0539	0.00 - 0.50
7-00212	70353	K-40	22	0.138	1.19	0.00 - 0.50
7-00212	70353	Pb-212	1.53	0.0345	0.0872	0.00 - 0.50
7-00212	70353	Pb-214	1.28	0.0362	0.0596	0.00 - 0.50
7-00212	70353	Th-234	1.66	0.282	0.151	0.00 - 0.50
7-00212	70353	Tl-208	0.45	0.0169	0.0259	0.00 - 0.50
7-00213	70354	Th-234	1.52 J	0.418	0.404	0.00 - 0.50
7-00213	70354	Eu-155	0.0673 JSK	0.0772	0.0281	0.00 - 0.50
7-00213	70354	Ac-227	0.0606 U	0.22	0.0658	0.00 - 0.50
7-00213	70354	Cd-113m	12.4 U	145	44.3	0.00 - 0.50
7-00213	70354	Co-60	-0.0031 U	0.0175	0.0052	0.00 - 0.50
7-00213	70354	Cs-134	0.0074 U	0.0156	0.0053	0.00 - 0.50
7-00213	70354	Eu-152	-0.0311 U	0.0522	0.0189	0.00 - 0.50
7-00213	70354	Eu-154	0.008 U	0.0985	0.034	0.00 - 0.50
7-00213	70354	Ho-166m	-0.0005 U	0.0282	0.0083	0.00 - 0.50
7-00213	70354	Na-22	-0.0067 U	0.0218	0.0077	0.00 - 0.50
7-00213	70354	Nb-94	-0.0018 U	0.0156	0.0046	0.00 - 0.50
7-00213	70354	Np-236	0.0004 U	0.0402	0.0123	0.00 - 0.50
7-00213	70354	Np-239	-0.0422 U	0.143	0.0435	0.00 - 0.50
7-00213	70354	Pa-231	0.141 U	0.902	0.277	0.00 - 0.50
7-00213	70354	Sb-125	0.0056 U	0.0503	0.0152	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00213	70354	Sn-126	-0.0024 U	0.0178	0.0053	0.00 - 0.50
7-00213	70354	Tm-171	2.31 U	17.3	5.2	0.00 - 0.50
7-00213	70354	Cs-137	0.325	0.0192	0.02	0.00 - 0.50
7-00213	70354	Bi-212	0.975	0.142	0.0945	0.00 - 0.50
7-00213	70354	Bi-214	1.03	0.0321	0.0499	0.00 - 0.50
7-00213	70354	K-40	22.4	0.138	1.31	0.00 - 0.50
7-00213	70354	Pb-212	1.45	0.0353	0.0966	0.00 - 0.50
7-00213	70354	Pb-214	1.25	0.0373	0.062	0.00 - 0.50
7-00213	70354	Tl-208	0.407	0.0175	0.0244	0.00 - 0.50
7-00214	70355	Eu-155	0.0892 SK	0.0673	0.0246	0.00 - 0.50
7-00214	70355	Ac-227	0.0527 U	0.206	0.0624	0.00 - 0.50
7-00214	70355	Cd-113m	16.1 U	134	43.5	0.00 - 0.50
7-00214	70355	Co-60	-0.0076 U	0.0175	0.0056	0.00 - 0.50
7-00214	70355	Cs-134	0.0061 U	0.0159	0.0055	0.00 - 0.50
7-00214	70355	Eu-154	-0.0503 U	0.102	0.0328	0.00 - 0.50
7-00214	70355	Ho-166m	-0.0029 U	0.0277	0.0083	0.00 - 0.50
7-00214	70355	Na-22	-0.0128 U	0.0202	0.007	0.00 - 0.50
7-00214	70355	Nb-94	0.0072 U	0.0161	0.005	0.00 - 0.50
7-00214	70355	Np-236	-0.0014 U	0.037	0.0115	0.00 - 0.50
7-00214	70355	Np-239	0.0427 U	0.139	0.0423	0.00 - 0.50
7-00214	70355	Pa-231	-0.135 U	0.845	0.258	0.00 - 0.50
7-00214	70355	Sb-125	0.0109 U	0.0514	0.015	0.00 - 0.50
7-00214	70355	Sn-126	-0.0014 U	0.0172	0.0051	0.00 - 0.50
7-00214	70355	Tm-171	-4.27 U	11.4	4.07	0.00 - 0.50
7-00214	70355	Eu-152	-0.0471 U J	0.0509	0.0201	0.00 - 0.50
7-00214	70355	Cs-137	0.878	0.0173	0.0482	0.00 - 0.50
7-00214	70355	Bi-212	0.784	0.13	0.0743	0.00 - 0.50
7-00214	70355	Bi-214	1.07	0.0322	0.0509	0.00 - 0.50
7-00214	70355	K-40	20.1	0.144	1.1	0.00 - 0.50
7-00214	70355	Pb-212	1.32	0.0342	0.0812	0.00 - 0.50
7-00214	70355	Pb-214	1.17	0.0387	0.0579	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00214	70355	Th-234	1.32	0.297	0.136	0.00 - 0.50
7-00214	70355	Tl-208	0.409	0.0179	0.0245	0.00 - 0.50
7-00215	70356	Cs-134	0.0121 JSK	0.0169	0.0063	0.00 - 0.50
7-00215	70357	Cs-134	0.009 JSK	0.0169	0.006	1.00 - 3.00
7-00215	70356	Eu-155	0.0493 SK	0.0821	0.0296	0.00 - 0.50
7-00215	70357	Eu-155	0.093 SK	0.0824	0.0318	1.00 - 3.00
7-00215	70356	Ac-227	0.0238 U	0.224	0.0657	0.00 - 0.50
7-00215	70356	Cd-113m	-33.3 U	149	51.4	0.00 - 0.50
7-00215	70356	Co-60	0.0029 U	0.0176	0.0052	0.00 - 0.50
7-00215	70356	Eu-154	-0.0275 U	0.0959	0.0343	0.00 - 0.50
7-00215	70356	Ho-166m	-0.0042 U	0.0282	0.0083	0.00 - 0.50
7-00215	70356	Nb-94	0.0073 U	0.0166	0.005	0.00 - 0.50
7-00215	70356	Np-236	-0.0001 U	0.0441	0.0138	0.00 - 0.50
7-00215	70356	Np-239	-0.0366 U	0.148	0.0445	0.00 - 0.50
7-00215	70356	Pa-231	-0.165 U	0.918	0.301	0.00 - 0.50
7-00215	70356	Sb-125	0.0019 U	0.0515	0.0153	0.00 - 0.50
7-00215	70356	Sn-126	-0.0027 U	0.0178	0.0052	0.00 - 0.50
7-00215	70357	Ac-227	0.0199 U	0.226	0.0689	1.00 - 3.00
7-00215	70357	Cd-113m	-43.2 U	150	48.8	1.00 - 3.00
7-00215	70357	Co-60	0.0073 U	0.0186	0.0056	1.00 - 3.00
7-00215	70357	Eu-152	-0.027 U	0.0544	0.0182	1.00 - 3.00
7-00215	70357	Eu-154	0.0059 U	0.103	0.035	1.00 - 3.00
7-00215	70357	Ho-166m	-0.0083 U	0.028	0.0088	1.00 - 3.00
7-00215	70357	Na-22	-0.0081 U	0.0214	0.0068	1.00 - 3.00
7-00215	70357	Nb-94	0.0026 U	0.0164	0.0049	1.00 - 3.00
7-00215	70357	Np-236	-0.0123 U	0.0449	0.0141	1.00 - 3.00
7-00215	70357	Np-239	-0.0122 U	0.15	0.0458	1.00 - 3.00
7-00215	70357	Pa-231	-0.526 U	0.921	0.313	1.00 - 3.00
7-00215	70357	Sb-125	0.0133 U	0.0489	0.0145	1.00 - 3.00
7-00215	70357	Sn-126	-0.0053 U	0.0183	0.0057	1.00 - 3.00
7-00215	70356	Eu-152	-0.0663 U J	0.0532	0.0271	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00215	70356	Na-22	-0.0162 U J	0.022	0.0079	0.00 - 0.50
7-00215	70356	Tm-171	-20.5 U J	17.8	7.93	0.00 - 0.50
7-00215	70357	Tm-171	-17.9 U J	17.4	7.33	1.00 - 3.00
7-00215	70356	Cs-137	0.66	0.0199	0.0392	0.00 - 0.50
7-00215	70356	Bi-212	0.86	0.135	0.0867	0.00 - 0.50
7-00215	70356	Bi-214	0.896	0.0317	0.0447	0.00 - 0.50
7-00215	70356	K-40	21.2	0.117	1.16	0.00 - 0.50
7-00215	70356	Pb-212	1.36	0.0379	0.0789	0.00 - 0.50
7-00215	70356	Pb-214	0.966	0.0388	0.0482	0.00 - 0.50
7-00215	70356	Th-234	1.42	0.358	0.178	0.00 - 0.50
7-00215	70356	Tl-208	0.437	0.0174	0.0264	0.00 - 0.50
7-00215	70357	Bi-212	1.04	0.144	0.0873	1.00 - 3.00
7-00215	70357	Bi-214	1.06	0.0348	0.0506	1.00 - 3.00
7-00215	70357	Cs-137	0.0535	0.0168	0.0093	1.00 - 3.00
7-00215	70357	K-40	23	0.158	1.28	1.00 - 3.00
7-00215	70357	Pb-212	1.69	0.0395	0.101	1.00 - 3.00
7-00215	70357	Pb-214	1.25	0.0391	0.0595	1.00 - 3.00
7-00215	70357	Th-234	1.95	0.366	0.206	1.00 - 3.00
7-00215	70357	Tl-208	0.524	0.0177	0.0299	1.00 - 3.00
7-00216	70410	Na-22	0.0109 J	0.021	0.0065	1.00 - 5.00
7-00216	70410	Tm-171	5.47 J	10.6	3.72	1.00 - 5.00
7-00216	70409	Eu-155	0.0913 SK	0.0611	0.0242	0.00 - 0.50
7-00216	70410	Eu-155	0.0575 SK	0.0593	0.0283	1.00 - 5.00
7-00216	70409	Ac-227	0.0136 U	0.187	0.0562	0.00 - 0.50
7-00216	70409	Cd-113m	58 U	127	41.2	0.00 - 0.50
7-00216	70409	Co-60	-0.0065 U	0.0151	0.0048	0.00 - 0.50
7-00216	70409	Cs-134	0.0061 U	0.0143	0.0049	0.00 - 0.50
7-00216	70409	Eu-152	-0.0214 U	0.0438	0.0164	0.00 - 0.50
7-00216	70409	Eu-154	-0.0031 U	0.0883	0.0265	0.00 - 0.50
7-00216	70409	Ho-166m	0.0083 U	0.0242	0.0073	0.00 - 0.50
7-00216	70409	Na-22	-0.0032 U	0.0187	0.0055	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00216	70409	Nb-94	-0.0021 U	0.0134	0.004	0.00 - 0.50
7-00216	70409	Np-236	-0.0087 U	0.0337	0.0109	0.00 - 0.50
7-00216	70409	Sb-125	-0.0061 U	0.0408	0.0126	0.00 - 0.50
7-00216	70409	Sn-126	-0.0018 U	0.0145	0.0043	0.00 - 0.50
7-00216	70409	Tm-171	-2.11 U	10.9	3.86	0.00 - 0.50
7-00216	70410	Ac-227	-0.0032 U	0.175	0.0516	1.00 - 5.00
7-00216	70410	Cd-113m	34.6 U	117	36.1	1.00 - 5.00
7-00216	70410	Co-60	-0.0032 U	0.0169	0.0051	1.00 - 5.00
7-00216	70410	Cs-134	0.0003 U	0.0146	0.0049	1.00 - 5.00
7-00216	70410	Cs-137	-0.0038 U	0.0175	0.0053	1.00 - 5.00
7-00216	70410	Eu-154	-0.0285 U	0.094	0.0284	1.00 - 5.00
7-00216	70410	Ho-166m	-0.0012 U	0.0261	0.0077	1.00 - 5.00
7-00216	70410	Nb-94	0.0048 U	0.015	0.0045	1.00 - 5.00
7-00216	70410	Np-236	-0.0119 U	0.0323	0.0108	1.00 - 5.00
7-00216	70410	Np-239	-0.0226 U	0.114	0.0341	1.00 - 5.00
7-00216	70410	Pa-231	0.0426 U	0.73	0.223	1.00 - 5.00
7-00216	70410	Sb-125	0.0022 U	0.0408	0.0123	1.00 - 5.00
7-00216	70410	Sn-126	0.0083 U	0.0177	0.0054	1.00 - 5.00
7-00216	70410	Sr-90	0.0221 U	0.213	0.0607	1.00 - 5.00
7-00216	70409	Np-239	-0.102 U J	0.123	0.0448	0.00 - 0.50
7-00216	70409	Pa-231	-0.85 U J	0.747	0.31	0.00 - 0.50
7-00216	70410	Eu-152	-0.0416 U J	0.0432	0.0167	1.00 - 5.00
7-00216	70409	Cs-137	0.297	0.0171	0.0186	0.00 - 0.50
7-00216	70409	Bi-212	0.841	0.116	0.0688	0.00 - 0.50
7-00216	70409	Bi-214	0.869	0.0291	0.0422	0.00 - 0.50
7-00216	70409	K-40	21.3	0.114	1.15	0.00 - 0.50
7-00216	70409	Pb-212	1.37	0.0314	0.0876	0.00 - 0.50
7-00216	70409	Pb-214	0.987	0.0321	0.0499	0.00 - 0.50
7-00216	70409	Sr-90	0.122	0.192	0.0612	0.00 - 0.50
7-00216	70409	Th-234	1.49	0.257	0.153	0.00 - 0.50
7-00216	70409	Tl-208	0.424	0.0146	0.0243	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00216	70410	Bi-212	0.869	0.129	0.0784	1.00 - 5.00
7-00216	70410	Bi-214	0.946	0.0293	0.046	1.00 - 5.00
7-00216	70410	K-40	20.2	0.133	1.09	1.00 - 5.00
7-00216	70410	Pb-212	1.25	0.0298	0.0725	1.00 - 5.00
7-00216	70410	Pb-214	0.985	0.032	0.0478	1.00 - 5.00
7-00216	70410	Th-234	1.47	0.264	0.138	1.00 - 5.00
7-00216	70410	Tl-208	0.416	0.0153	0.0239	1.00 - 5.00
7-00217	70412	Cs-137	0.0184 J	0.0192	0.0077	1.00 - 3.50
7-00217	70411	Nb-94	0.0065 JSK	0.013	0.004	0.00 - 0.50
7-00217	70412	Eu-155	0.0521 JSK	0.0811	0.0272	1.00 - 3.50
7-00217	70411	Eu-155	0.0833 SK	0.0532	0.0198	0.00 - 0.50
7-00217	70411	Ac-227	-0.0659 U	0.155	0.0486	0.00 - 0.50
7-00217	70411	Cd-113m	-17.6 U	103	30.9	0.00 - 0.50
7-00217	70411	Co-60	0 U	0.0136	0.0039	0.00 - 0.50
7-00217	70411	Cs-134	0.0008 U	0.012	0.004	0.00 - 0.50
7-00217	70411	Eu-152	0.0068 U	0.037	0.0125	0.00 - 0.50
7-00217	70411	Eu-154	0.029 U	0.0825	0.0249	0.00 - 0.50
7-00217	70411	Ho-166m	-0.0081 U	0.0209	0.0065	0.00 - 0.50
7-00217	70411	Na-22	0.0029 U	0.0169	0.0049	0.00 - 0.50
7-00217	70411	Np-236	-0.0122 U	0.0291	0.0094	0.00 - 0.50
7-00217	70411	Np-239	-0.0181 U	0.104	0.0309	0.00 - 0.50
7-00217	70411	Pa-231	0.0464 U	0.649	0.191	0.00 - 0.50
7-00217	70411	Sb-125	-0.0047 U	0.0359	0.0109	0.00 - 0.50
7-00217	70411	Sn-126	0.0006 U	0.0136	0.004	0.00 - 0.50
7-00217	70411	Sr-90	0.103 U	0.213	0.0656	0.00 - 0.50
7-00217	70411	Tm-171	-3.35 U	8.93	3.13	0.00 - 0.50
7-00217	70412	Ac-227	0.0254 U	0.211	0.0621	1.00 - 3.50
7-00217	70412	Cd-113m	-102 U	137	53.2	1.00 - 3.50
7-00217	70412	Co-60	-0.005 U	0.0173	0.0054	1.00 - 3.50
7-00217	70412	Cs-134	0.0066 U	0.016	0.0057	1.00 - 3.50
7-00217	70412	Eu-152	-0.0292 U	0.0504	0.0275	1.00 - 3.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00217	70412	Eu-154	-0.0337 U	0.101	0.0314	1.00 - 3.50
7-00217	70412	Ho-166m	-0.0018 U	0.0284	0.0083	1.00 - 3.50
7-00217	70412	Na-22	-0.0092 U	0.0212	0.0069	1.00 - 3.50
7-00217	70412	Nb-94	-0.001 U	0.0163	0.0048	1.00 - 3.50
7-00217	70412	Np-236	-0.0072 U	0.043	0.0132	1.00 - 3.50
7-00217	70412	Np-239	0.0231 U	0.144	0.0422	1.00 - 3.50
7-00217	70412	Pa-231	-0.366 U	0.875	0.29	1.00 - 3.50
7-00217	70412	Sb-125	0.0018 U	0.0469	0.0139	1.00 - 3.50
7-00217	70412	Sn-126	0.005 U	0.0189	0.0055	1.00 - 3.50
7-00217	70412	Sr-90	-0.119 U	0.322	0.0823	1.00 - 3.50
7-00217	70412	Tm-171	-7.16 U	17.6	6.3	1.00 - 3.50
7-00217	70411	Bi-212	0.804	0.101	0.0656	0.00 - 0.50
7-00217	70411	Bi-214	0.838	0.0247	0.0401	0.00 - 0.50
7-00217	70411	Cs-137	0.155	0.0133	0.0104	0.00 - 0.50
7-00217	70411	K-40	20.5	0.106	1.12	0.00 - 0.50
7-00217	70411	Pb-212	1.23	0.0268	0.0665	0.00 - 0.50
7-00217	70411	Pb-214	0.93	0.0279	0.0422	0.00 - 0.50
7-00217	70411	Th-234	1.14	0.226	0.113	0.00 - 0.50
7-00217	70411	Tl-208	0.38	0.0137	0.0216	0.00 - 0.50
7-00217	70412	Bi-212	0.81	0.141	0.0729	1.00 - 3.50
7-00217	70412	Bi-214	0.966	0.0319	0.0476	1.00 - 3.50
7-00217	70412	K-40	20.8	0.133	1.13	1.00 - 3.50
7-00217	70412	Pb-212	1.37	0.0355	0.0794	1.00 - 3.50
7-00217	70412	Pb-214	1.11	0.0361	0.0534	1.00 - 3.50
7-00217	70412	Th-234	1.46	0.349	0.163	1.00 - 3.50
7-00217	70412	Tl-208	0.439	0.0171	0.0259	1.00 - 3.50
7-00218	70358	Co-60	0.0102 J	0.0203	0.0062	0.00 - 0.50
7-00218	70358	Th-234	1.5 J	0.406	0.406	0.00 - 0.50
7-00218	70359	Sn-126	0.0083 J	0.0167	0.0053	1.00 - 1.90
7-00218	70358	Eu-155	0.062 JSK	0.0779	0.0277	0.00 - 0.50
7-00218	70358	Nb-94	0.0148 JSK	0.0155	0.0057	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00218	70358	Ac-227	-0.0933 U	0.213	0.0681	0.00 - 0.50
7-00218	70358	Cd-113m	-60 U	141	45	0.00 - 0.50
7-00218	70358	Cs-134	0.0001 U	0.0164	0.0056	0.00 - 0.50
7-00218	70358	Eu-152	-0.0298 U	0.0522	0.0182	0.00 - 0.50
7-00218	70358	Eu-154	-0.0346 U	0.105	0.0323	0.00 - 0.50
7-00218	70358	Ho-166m	-0.0123 U	0.0276	0.0089	0.00 - 0.50
7-00218	70358	Na-22	0.0001 U	0.0229	0.0068	0.00 - 0.50
7-00218	70358	Np-236	-0.0092 U	0.0409	0.0128	0.00 - 0.50
7-00218	70358	Np-239	-0.0295 U	0.142	0.043	0.00 - 0.50
7-00218	70358	Pa-231	-0.0206 U	0.89	0.287	0.00 - 0.50
7-00218	70358	Sb-125	0.019 U	0.0519	0.0162	0.00 - 0.50
7-00218	70358	Sn-126	0.0016 U	0.0187	0.0055	0.00 - 0.50
7-00218	70358	Tm-171	-0.517 U	17.3	5.19	0.00 - 0.50
7-00218	70359	Ac-227	-0.124 U	0.189	0.0662	1.00 - 1.90
7-00218	70359	Cd-113m	-32.4 U	126	41.2	1.00 - 1.90
7-00218	70359	Co-60	-0.0028 U	0.016	0.0048	1.00 - 1.90
7-00218	70359	Cs-134	-0.0057 U	0.0143	0.0053	1.00 - 1.90
7-00218	70359	Eu-152	-0.0122 U	0.046	0.0169	1.00 - 1.90
7-00218	70359	Eu-154	-0.0166 U	0.0929	0.0278	1.00 - 1.90
7-00218	70359	Eu-155	0.0312 U	0.0706	0.0222	1.00 - 1.90
7-00218	70359	Ho-166m	-0.003 U	0.0253	0.0077	1.00 - 1.90
7-00218	70359	Na-22	0.0084 U	0.02	0.0067	1.00 - 1.90
7-00218	70359	Nb-94	0.006 U	0.0147	0.0046	1.00 - 1.90
7-00218	70359	Np-236	0.0039 U	0.0377	0.0113	1.00 - 1.90
7-00218	70359	Np-239	-0.0223 U	0.125	0.0389	1.00 - 1.90
7-00218	70359	Pa-231	-0.325 U	0.782	0.257	1.00 - 1.90
7-00218	70359	Sb-125	0.0124 U	0.0439	0.0131	1.00 - 1.90
7-00218	70359	Tm-171	-7.97 U	15.1	5.47	1.00 - 1.90
7-00218	70358	Cs-137	0.605	0.019	0.0378	0.00 - 0.50
7-00218	70358	Bi-212	0.723	0.141	0.0783	0.00 - 0.50
7-00218	70358	Bi-214	0.747	0.0348	0.0395	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00218	70358	K-40	20.9	0.145	1.15	0.00 - 0.50
7-00218	70358	Pb-212	1.22	0.0361	0.0749	0.00 - 0.50
7-00218	70358	Pb-214	0.843	0.0386	0.0435	0.00 - 0.50
7-00218	70358	Tl-208	0.364	0.018	0.0236	0.00 - 0.50
7-00218	70359	Bi-212	0.839	0.117	0.082	1.00 - 1.90
7-00218	70359	Bi-214	0.963	0.0293	0.047	1.00 - 1.90
7-00218	70359	Cs-137	0.0328	0.0179	0.0071	1.00 - 1.90
7-00218	70359	K-40	19.1	0.128	1.05	1.00 - 1.90
7-00218	70359	Pb-212	1.26	0.0314	0.0715	1.00 - 1.90
7-00218	70359	Pb-214	1.02	0.0333	0.0497	1.00 - 1.90
7-00218	70359	Th-234	1.5	0.309	0.152	1.00 - 1.90
7-00218	70359	Tl-208	0.4	0.0156	0.0237	1.00 - 1.90
7-00219	70413	Cs-134	0.0151 JSK	0.0146	0.0059	0.00 - 0.50
7-00219	70414	Nb-94	0.0092 JSK	0.0158	0.005	1.00 - 3.50
7-00219	70413	Eu-155	0.107 SK	0.0611	0.0242	0.00 - 0.50
7-00219	70414	Eu-155	0.0938 SK	0.0719	0.0264	1.00 - 3.50
7-00219	70413	Ac-227	-0.0291 U	0.181	0.0561	0.00 - 0.50
7-00219	70413	Cd-113m	24.9 U	124	39.6	0.00 - 0.50
7-00219	70413	Co-60	-0.0083 U	0.0162	0.0052	0.00 - 0.50
7-00219	70413	Eu-152	-0.0262 U	0.0446	0.0175	0.00 - 0.50
7-00219	70413	Eu-154	-0.0329 U	0.0903	0.0284	0.00 - 0.50
7-00219	70413	Ho-166m	-0.0072 U	0.0245	0.0077	0.00 - 0.50
7-00219	70413	Na-22	0.0012 U	0.0202	0.0061	0.00 - 0.50
7-00219	70413	Nb-94	0.0041 U	0.0145	0.0044	0.00 - 0.50
7-00219	70413	Np-236	-0.0133 U	0.0339	0.011	0.00 - 0.50
7-00219	70413	Np-239	-0.0662 U	0.121	0.0406	0.00 - 0.50
7-00219	70413	Pa-231	-0.0926 U	0.758	0.244	0.00 - 0.50
7-00219	70413	Sb-125	0.001 U	0.0417	0.0123	0.00 - 0.50
7-00219	70413	Sn-126	-0.001 U	0.0159	0.0048	0.00 - 0.50
7-00219	70413	Sr-90	0.0695 U	0.268	0.0786	0.00 - 0.50
7-00219	70414	Ac-227	-0.0452 U	0.204	0.0616	1.00 - 3.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00219	70414	Cd-113m	-83.2 U	133	44.7	1.00 - 3.50
7-00219	70414	Co-60	-0.0028 U	0.0187	0.0055	1.00 - 3.50
7-00219	70414	Cs-134	-0.0059 U	0.0147	0.0053	1.00 - 3.50
7-00219	70414	Cs-137	0.0054 U	0.0179	0.006	1.00 - 3.50
7-00219	70414	Ho-166m	-0.0013 U	0.0272	0.008	1.00 - 3.50
7-00219	70414	Na-22	-0.0035 U	0.021	0.0063	1.00 - 3.50
7-00219	70414	Np-236	0.0088 U	0.0392	0.0121	1.00 - 3.50
7-00219	70414	Np-239	0.0598 U	0.139	0.0429	1.00 - 3.50
7-00219	70414	Pa-231	-0.119 U	0.84	0.261	1.00 - 3.50
7-00219	70414	Sb-125	-0.0099 U	0.0436	0.0135	1.00 - 3.50
7-00219	70414	Sn-126	-0.0031 U	0.0172	0.0051	1.00 - 3.50
7-00219	70414	Sr-90	0.0127 U	0.252	0.0705	1.00 - 3.50
7-00219	70414	Tm-171	5.18 U	16.5	5.64	1.00 - 3.50
7-00219	70413	Tm-171	-10.2 U J	10.6	4.33	0.00 - 0.50
7-00219	70414	Eu-152	-0.0546 U J	0.0462	0.0199	1.00 - 3.50
7-00219	70414	Eu-154	-0.0821 U J	0.0968	0.0365	1.00 - 3.50
7-00219	70413	Cs-137	0.348	0.0189	0.0211	0.00 - 0.50
7-00219	70413	Bi-212	0.858	0.122	0.0707	0.00 - 0.50
7-00219	70413	Bi-214	0.997	0.0292	0.0464	0.00 - 0.50
7-00219	70413	K-40	21.8	0.117	1.3	0.00 - 0.50
7-00219	70413	Pb-212	1.33	0.0319	0.0816	0.00 - 0.50
7-00219	70413	Pb-214	1.09	0.0316	0.0537	0.00 - 0.50
7-00219	70413	Th-234	1.02	0.269	0.11	0.00 - 0.50
7-00219	70413	Tl-208	0.436	0.0154	0.0245	0.00 - 0.50
7-00219	70414	Bi-212	0.918	0.133	0.0769	1.00 - 3.50
7-00219	70414	Bi-214	0.928	0.0314	0.0446	1.00 - 3.50
7-00219	70414	K-40	22.3	0.137	1.3	1.00 - 3.50
7-00219	70414	Pb-212	1.42	0.0341	0.0947	1.00 - 3.50
7-00219	70414	Pb-214	1.08	0.0359	0.0545	1.00 - 3.50
7-00219	70414	Th-234	1.5	0.322	0.187	1.00 - 3.50
7-00219	70414	Tl-208	0.401	0.0165	0.0236	1.00 - 3.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00220	70393	Th-234	1.44 J	0.422	0.384	1.00 - 2.50
7-00220	70392	Eu-155	0.0568 SK	0.057	0.0213	0.00 - 0.50
7-00220	70393	Eu-155	0.0633 SK	0.0778	0.0282	1.00 - 2.50
7-00220	70392	Ac-227	-0.07 U	0.161	0.0506	0.00 - 0.50
7-00220	70392	Cd-113m	-9.09 U	107	31.5	0.00 - 0.50
7-00220	70392	Co-60	-0.0009 U	0.0142	0.0043	0.00 - 0.50
7-00220	70392	Cs-134	0.0017 U	0.0123	0.0043	0.00 - 0.50
7-00220	70392	Eu-152	0.0065 U	0.0395	0.0133	0.00 - 0.50
7-00220	70392	Eu-154	-0.0185 U	0.0805	0.0245	0.00 - 0.50
7-00220	70392	Ho-166m	0.0074 U	0.0224	0.0066	0.00 - 0.50
7-00220	70392	Na-22	-0.0008 U	0.0167	0.005	0.00 - 0.50
7-00220	70392	Nb-94	0.0057 U	0.0127	0.0038	0.00 - 0.50
7-00220	70392	Np-236	-0.0163 U	0.0307	0.0103	0.00 - 0.50
7-00220	70392	Np-239	-0.004 U	0.108	0.0316	0.00 - 0.50
7-00220	70392	Pa-231	-0.438 U	0.661	0.224	0.00 - 0.50
7-00220	70392	Sb-125	0.0068 U	0.0381	0.0114	0.00 - 0.50
7-00220	70392	Sn-126	0.0026 U	0.0138	0.004	0.00 - 0.50
7-00220	70392	Tm-171	-6.38 U	10.5	3.88	0.00 - 0.50
7-00220	70393	Ac-227	0.0339 U	0.214	0.0636	1.00 - 2.50
7-00220	70393	Cd-113m	-54.9 U	138	46.8	1.00 - 2.50
7-00220	70393	Co-60	-0.0009 U	0.0179	0.0052	1.00 - 2.50
7-00220	70393	Cs-134	-0.0093 U	0.0152	0.0057	1.00 - 2.50
7-00220	70393	Eu-152	-0.0274 U	0.0506	0.0174	1.00 - 2.50
7-00220	70393	Ho-166m	0.0021 U	0.0273	0.008	1.00 - 2.50
7-00220	70393	Nb-94	0.0028 U	0.0161	0.0047	1.00 - 2.50
7-00220	70393	Np-236	-0.0063 U	0.0416	0.013	1.00 - 2.50
7-00220	70393	Np-239	-0.0466 U	0.14	0.0434	1.00 - 2.50
7-00220	70393	Pa-231	-0.47 U	0.849	0.281	1.00 - 2.50
7-00220	70393	Sb-125	0.0051 U	0.0458	0.0138	1.00 - 2.50
7-00220	70393	Sn-126	-0.004 U	0.0175	0.0053	1.00 - 2.50
7-00220	70393	Sr-90	0.0963 U	0.209	0.0639	1.00 - 2.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00220	70393	Tm-171	-10.6 U	19.3	6.49	1.00 - 2.50
7-00220	70393	Eu-154	-0.0748 U J	0.0958	0.035	1.00 - 2.50
7-00220	70393	Na-22	-0.0181 U J	0.0217	0.0079	1.00 - 2.50
7-00220	70392	Bi-212	0.818	0.101	0.068	0.00 - 0.50
7-00220	70392	Bi-214	0.836	0.0257	0.0397	0.00 - 0.50
7-00220	70392	Cs-137	0.145	0.0129	0.0101	0.00 - 0.50
7-00220	70392	K-40	20.2	0.0958	1.09	0.00 - 0.50
7-00220	70392	Pb-212	1.19	0.0278	0.0673	0.00 - 0.50
7-00220	70392	Pb-214	0.915	0.029	0.0432	0.00 - 0.50
7-00220	70392	Sr-90	0.134	0.221	0.07	0.00 - 0.50
7-00220	70392	Th-234	1.18	0.247	0.12	0.00 - 0.50
7-00220	70392	Tl-208	0.365	0.0138	0.0211	0.00 - 0.50
7-00220	70393	Bi-212	0.803	0.137	0.0739	1.00 - 2.50
7-00220	70393	Bi-214	0.974	0.0315	0.0503	1.00 - 2.50
7-00220	70393	Cs-137	0.0435	0.0167	0.0075	1.00 - 2.50
7-00220	70393	K-40	21.3	0.112	1.24	1.00 - 2.50
7-00220	70393	Pb-212	1.4	0.036	0.0972	1.00 - 2.50
7-00220	70393	Pb-214	1.18	0.0361	0.0596	1.00 - 2.50
7-00220	70393	Tl-208	0.408	0.0176	0.0243	1.00 - 2.50
7-00221	70360	Ac-227	0.118 J	0.203	0.0655	0.00 - 0.50
7-00221	70360	Bi-212	0.698 J	0.187	0.179	0.00 - 0.50
7-00221	70361	Cd-113m	74.1 J	120	40	1.00 - 5.00
7-00221	70360	Eu-155	0.0667 JSK	0.0722	0.0269	0.00 - 0.50
7-00221	70360	Np-236	0.0198 JSK	0.0386	0.0126	0.00 - 0.50
7-00221	70361	Eu-155	0.0346 SK	0.0508	0.021	1.00 - 5.00
7-00221	70360	Cd-113m	-33.8 U	130	40	0.00 - 0.50
7-00221	70360	Co-60	-0.0027 U	0.0169	0.0051	0.00 - 0.50
7-00221	70360	Cs-134	0.0044 U	0.015	0.0051	0.00 - 0.50
7-00221	70360	Eu-152	-0.0251 U	0.0464	0.0175	0.00 - 0.50
7-00221	70360	Eu-154	-0.0451 U	0.0986	0.0315	0.00 - 0.50
7-00221	70360	Ho-166m	0.0107 U	0.0268	0.0082	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00221	70360	Na-22	-0.0082 U	0.0207	0.0066	0.00 - 0.50
7-00221	70360	Nb-94	-0.0023 U	0.0151	0.0046	0.00 - 0.50
7-00221	70360	Np-239	0.0124 U	0.133	0.0393	0.00 - 0.50
7-00221	70360	Pa-231	0.192 U	0.829	0.258	0.00 - 0.50
7-00221	70360	Sb-125	0.008 U	0.046	0.0141	0.00 - 0.50
7-00221	70360	Sn-126	0.0006 U	0.017	0.005	0.00 - 0.50
7-00221	70360	Tm-171	3.94 U	16.4	5.57	0.00 - 0.50
7-00221	70361	Co-60	0.0061 U	0.0206	0.0059	1.00 - 5.00
7-00221	70361	Cs-134	0.0079 U	0.0164	0.0057	1.00 - 5.00
7-00221	70361	Cs-137	-0.0018 U	0.0205	0.0063	1.00 - 5.00
7-00221	70361	Eu-152	-0.021 U	0.0452	0.0143	1.00 - 5.00
7-00221	70361	Eu-154	-0.025 U	0.112	0.0341	1.00 - 5.00
7-00221	70361	Ho-166m	-0.0118 U	0.0285	0.0089	1.00 - 5.00
7-00221	70361	Na-22	-0.013 U	0.0238	0.0078	1.00 - 5.00
7-00221	70361	Nb-94	0.0016 U	0.0179	0.0051	1.00 - 5.00
7-00221	70361	Np-236	-0.0046 U	0.0284	0.0084	1.00 - 5.00
7-00221	70361	Np-239	-0.0287 U	0.115	0.0359	1.00 - 5.00
7-00221	70361	Pa-231	-0.274 U	0.745	0.242	1.00 - 5.00
7-00221	70361	Sb-125	0.0071 U	0.0436	0.0128	1.00 - 5.00
7-00221	70361	Sn-126	-0.0081 U	0.0188	0.0059	1.00 - 5.00
7-00221	70361	Tm-171	0.419 U	6.44	2.22	1.00 - 5.00
7-00221	70361	Ac-227	-0.139 U J	0.175	0.0645	1.00 - 5.00
7-00221	70360	Bi-214	0.91	0.0311	0.0453	0.00 - 0.50
7-00221	70360	Cs-137	0.0891	0.0163	0.0086	0.00 - 0.50
7-00221	70360	K-40	19.6	0.137	1.07	0.00 - 0.50
7-00221	70360	Pb-212	1.21	0.0333	0.0735	0.00 - 0.50
7-00221	70360	Pb-214	0.989	0.0345	0.0484	0.00 - 0.50
7-00221	70360	Th-234	1.46	0.314	0.172	0.00 - 0.50
7-00221	70360	Tl-208	0.382	0.0169	0.0237	0.00 - 0.50
7-00221	70361	Bi-212	0.854	0.147	0.0934	1.00 - 5.00
7-00221	70361	Bi-214	1.02	0.0335	0.05	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00221	70361	K-40	19.7	0.137	1.08	1.00 - 5.00
7-00221	70361	Pb-212	1.26	0.0294	0.0709	1.00 - 5.00
7-00221	70361	Pb-214	1.08	0.0336	0.0507	1.00 - 5.00
7-00221	70361	Th-234	1.45	0.209	0.117	1.00 - 5.00
7-00221	70361	Tl-208	0.411	0.0174	0.025	1.00 - 5.00
7-00222	70362	Th-234	1.08 J	0.388	0.294	0.00 - 0.50
7-00222	70363	Eu-155	0.0467 JSK	0.0629	0.0218	1.00 - 5.00
7-00222	70362	Ac-227	0.0438 U	0.205	0.0605	0.00 - 0.50
7-00222	70362	Cd-113m	-60.8 U	133	45.9	0.00 - 0.50
7-00222	70362	Co-60	-0.0074 U	0.0173	0.0056	0.00 - 0.50
7-00222	70362	Cs-134	0.0029 U	0.0156	0.0054	0.00 - 0.50
7-00222	70362	Eu-152	0.0225 U	0.0502	0.0197	0.00 - 0.50
7-00222	70362	Eu-155	0.0179 U	0.0744	0.0227	0.00 - 0.50
7-00222	70362	Ho-166m	-0.0125 U	0.0268	0.0085	0.00 - 0.50
7-00222	70362	Na-22	0.0021 U	0.0223	0.0066	0.00 - 0.50
7-00222	70362	Nb-94	-0.0018 U	0.0155	0.0045	0.00 - 0.50
7-00222	70362	Np-236	-0.0115 U	0.0395	0.0124	0.00 - 0.50
7-00222	70362	Np-239	-0.0485 U	0.135	0.0414	0.00 - 0.50
7-00222	70362	Pa-231	-0.216 U	0.845	0.28	0.00 - 0.50
7-00222	70362	Sb-125	0.0114 U	0.0465	0.0139	0.00 - 0.50
7-00222	70362	Sn-126	-0.0082 U	0.0166	0.0053	0.00 - 0.50
7-00222	70363	Ac-227	0.0205 U	0.173	0.0508	1.00 - 5.00
7-00222	70363	Cd-113m	-13.8 U	116	35.7	1.00 - 5.00
7-00222	70363	Co-60	0.0081 U	0.0174	0.0052	1.00 - 5.00
7-00222	70363	Cs-134	0.0038 U	0.0141	0.0047	1.00 - 5.00
7-00222	70363	Cs-137	-0.0116 U	0.0168	0.0058	1.00 - 5.00
7-00222	70363	Eu-152	-0.0258 U	0.0427	0.0149	1.00 - 5.00
7-00222	70363	Eu-154	-0.0433 U	0.0946	0.0344	1.00 - 5.00
7-00222	70363	Ho-166m	-0.0077 U	0.025	0.0077	1.00 - 5.00
7-00222	70363	Na-22	-0.0099 U	0.02	0.0065	1.00 - 5.00
7-00222	70363	Nb-94	0.0055 U	0.0151	0.0045	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00222	70363	Np-239	0.0012 U	0.116	0.034	1.00 - 5.00
7-00222	70363	Pa-231	-0.484 U	0.719	0.246	1.00 - 5.00
7-00222	70363	Sb-125	0.0062 U	0.0408	0.0123	1.00 - 5.00
7-00222	70363	Sn-126	-0.0018 U	0.0166	0.0049	1.00 - 5.00
7-00222	70363	Tm-171	-3.7 U	10.4	3.6	1.00 - 5.00
7-00222	70362	Eu-154	-0.111 U J	0.0976	0.0409	0.00 - 0.50
7-00222	70362	Tm-171	-12.9 U J	16.5	5.89	0.00 - 0.50
7-00222	70363	Np-236	-0.0293 U J	0.0329	0.0123	1.00 - 5.00
7-00222	70362	Bi-212	0.721	0.137	0.0733	0.00 - 0.50
7-00222	70362	Bi-214	0.672	0.0313	0.0356	0.00 - 0.50
7-00222	70362	Cs-137	0.187	0.0173	0.0143	0.00 - 0.50
7-00222	70362	K-40	22.3	0.13	1.22	0.00 - 0.50
7-00222	70362	Pb-212	1.11	0.035	0.0654	0.00 - 0.50
7-00222	70362	Pb-214	0.732	0.0347	0.0375	0.00 - 0.50
7-00222	70362	Tl-208	0.323	0.0171	0.02	0.00 - 0.50
7-00222	70363	Bi-212	0.854	0.129	0.0767	1.00 - 5.00
7-00222	70363	Bi-214	1.02	0.0276	0.0483	1.00 - 5.00
7-00222	70363	K-40	20	0.146	1.09	1.00 - 5.00
7-00222	70363	Pb-212	1.29	0.0291	0.0743	1.00 - 5.00
7-00222	70363	Pb-214	1.07	0.0319	0.0514	1.00 - 5.00
7-00222	70363	Th-234	1.46	0.256	0.133	1.00 - 5.00
7-00222	70363	Tl-208	0.41	0.0164	0.0239	1.00 - 5.00
7-00223	70364	Eu-155	0.0599 JSK	0.0591	0.0225	0.00 - 0.50
7-00223	70365	Nb-94	0.0074 JSK	0.0136	0.0043	1.00 - 5.00
7-00223	70365	Sb-125	0.0372 JSK	0.0389	0.0143	1.00 - 5.00
7-00223	70365	Eu-155	0.0651 SK	0.0596	0.0214	1.00 - 5.00
7-00223	70364	Ac-227	-0.054 U	0.166	0.0509	0.00 - 0.50
7-00223	70364	Cd-113m	-50.3 U	110	39.5	0.00 - 0.50
7-00223	70364	Co-60	0.004 U	0.0164	0.0048	0.00 - 0.50
7-00223	70364	Cs-134	0.0006 U	0.0132	0.0044	0.00 - 0.50
7-00223	70364	Eu-152	-0.0221 U	0.0407	0.0139	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00223	70364	Eu-154	-0.0355 U	0.0901	0.0279	0.00 - 0.50
7-00223	70364	Ho-166m	-0.0085 U	0.0237	0.0074	0.00 - 0.50
7-00223	70364	Na-22	0.0008 U	0.02	0.0059	0.00 - 0.50
7-00223	70364	Nb-94	0.0053 U	0.0142	0.0043	0.00 - 0.50
7-00223	70364	Np-236	0.006 U	0.0313	0.0096	0.00 - 0.50
7-00223	70364	Np-239	-0.0403 U	0.111	0.0343	0.00 - 0.50
7-00223	70364	Pa-231	-0.0531 U	0.702	0.209	0.00 - 0.50
7-00223	70364	Sb-125	0.0205 U	0.0423	0.0134	0.00 - 0.50
7-00223	70364	Sn-126	-0.0001 U	0.0154	0.0045	0.00 - 0.50
7-00223	70364	Tm-171	-3.55 U	9.47	3.28	0.00 - 0.50
7-00223	70365	Ac-227	0.0001 U	0.177	0.0533	1.00 - 5.00
7-00223	70365	Cd-113m	-42.7 U	115	37.6	1.00 - 5.00
7-00223	70365	Co-60	-0.0019 U	0.0148	0.0043	1.00 - 5.00
7-00223	70365	Cs-134	-0.0009 U	0.0125	0.0042	1.00 - 5.00
7-00223	70365	Eu-152	-0.0288 U	0.0414	0.015	1.00 - 5.00
7-00223	70365	Eu-154	-0.0288 U	0.0812	0.0259	1.00 - 5.00
7-00223	70365	Ho-166m	-0.0087 U	0.022	0.0069	1.00 - 5.00
7-00223	70365	Na-22	-0.002 U	0.0172	0.0051	1.00 - 5.00
7-00223	70365	Np-236	-0.0122 U	0.0325	0.0103	1.00 - 5.00
7-00223	70365	Np-239	-0.0552 U	0.117	0.0378	1.00 - 5.00
7-00223	70365	Pa-231	-0.0242 U	0.74	0.232	1.00 - 5.00
7-00223	70365	Sn-126	0.0026 U	0.0149	0.0044	1.00 - 5.00
7-00223	70365	Tm-171	-3.75 U	10.5	3.82	1.00 - 5.00
7-00223	70364	Cs-137	0.556	0.016	0.0321	0.00 - 0.50
7-00223	70364	Bi-212	0.726	0.116	0.0746	0.00 - 0.50
7-00223	70364	Bi-214	0.804	0.0261	0.0389	0.00 - 0.50
7-00223	70364	K-40	20.3	0.114	1.1	0.00 - 0.50
7-00223	70364	Pb-212	1.01	0.0287	0.0586	0.00 - 0.50
7-00223	70364	Pb-214	0.888	0.0302	0.0434	0.00 - 0.50
7-00223	70364	Th-234	1.29	0.249	0.136	0.00 - 0.50
7-00223	70364	Tl-208	0.335	0.0152	0.0203	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00223	70365	Bi-212	0.699	0.113	0.0664	1.00 - 5.00
7-00223	70365	Bi-214	0.961	0.0252	0.0455	1.00 - 5.00
7-00223	70365	Cs-137	0.0176	0.0156	0.0059	1.00 - 5.00
7-00223	70365	K-40	19.6	0.102	1.06	1.00 - 5.00
7-00223	70365	Pb-212	1.34	0.0294	0.0855	1.00 - 5.00
7-00223	70365	Pb-214	1.09	0.0295	0.0539	1.00 - 5.00
7-00223	70365	Th-234	1.14	0.256	0.13	1.00 - 5.00
7-00223	70365	Tl-208	0.388	0.014	0.0225	1.00 - 5.00
7-00224	70366	Eu-155	0.0505 JSK	0.054	0.02	0.00 - 0.50
7-00224	70367	Cs-134	0.0075 JSK	0.0137	0.005	1.00 - 3.25
7-00224	70367	Eu-155	0.0687 SK	0.0613	0.0212	1.00 - 3.25
7-00224	70366	Ac-227	-0.0614 U	0.152	0.0474	0.00 - 0.50
7-00224	70366	Cd-113m	16.7 U	104	30.5	0.00 - 0.50
7-00224	70366	Co-60	-0.0068 U	0.014	0.0045	0.00 - 0.50
7-00224	70366	Cs-134	0.0056 U	0.0123	0.0042	0.00 - 0.50
7-00224	70366	Eu-152	-0.0159 U	0.0384	0.0131	0.00 - 0.50
7-00224	70366	Eu-154	-0.0303 U	0.0811	0.0257	0.00 - 0.50
7-00224	70366	Ho-166m	0.0024 U	0.0215	0.0062	0.00 - 0.50
7-00224	70366	Na-22	-0.0013 U	0.0161	0.0047	0.00 - 0.50
7-00224	70366	Nb-94	0.0032 U	0.0123	0.0036	0.00 - 0.50
7-00224	70366	Np-236	-0.0031 U	0.0283	0.0087	0.00 - 0.50
7-00224	70366	Np-239	-0.0252 U	0.104	0.0311	0.00 - 0.50
7-00224	70366	Pa-231	-0.002 U	0.638	0.188	0.00 - 0.50
7-00224	70366	Sb-125	0.0152 U	0.0358	0.0111	0.00 - 0.50
7-00224	70366	Sn-126	-0.0048 U	0.0134	0.0041	0.00 - 0.50
7-00224	70366	Tm-171	-1.48 U	8.77	2.98	0.00 - 0.50
7-00224	70367	Ac-227	-0.0739 U	0.181	0.0588	1.00 - 3.25
7-00224	70367	Cd-113m	-19.1 U	120	38.6	1.00 - 3.25
7-00224	70367	Co-60	0.001 U	0.0157	0.0045	1.00 - 3.25
7-00224	70367	Eu-152	0.006 U	0.044	0.0169	1.00 - 3.25
7-00224	70367	Eu-154	0.0415 U	0.0916	0.032	1.00 - 3.25

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00224	70367	Ho-166m	-0.0037 U	0.0248	0.0077	1.00 - 3.25
7-00224	70367	Na-22	-0.0112 U	0.0185	0.0064	1.00 - 3.25
7-00224	70367	Nb-94	0.0058 U	0.0144	0.0045	1.00 - 3.25
7-00224	70367	Np-236	-0.0078 U	0.0339	0.0106	1.00 - 3.25
7-00224	70367	Np-239	0.0242 U	0.122	0.0376	1.00 - 3.25
7-00224	70367	Pa-231	-0.195 U	0.755	0.259	1.00 - 3.25
7-00224	70367	Sb-125	-0.0095 U	0.0401	0.0122	1.00 - 3.25
7-00224	70367	Sn-126	0.0045 U	0.0158	0.0048	1.00 - 3.25
7-00224	70367	Tm-171	-2.18 U	10.6	3.56	1.00 - 3.25
7-00224	70366	Cs-137	0.229	0.0137	0.0147	0.00 - 0.50
7-00224	70366	Bi-212	0.664	0.105	0.0604	0.00 - 0.50
7-00224	70366	Bi-214	0.84	0.0243	0.0406	0.00 - 0.50
7-00224	70366	K-40	20.6	0.0957	1.12	0.00 - 0.50
7-00224	70366	Pb-212	1.06	0.0264	0.0576	0.00 - 0.50
7-00224	70366	Pb-214	0.908	0.0275	0.0414	0.00 - 0.50
7-00224	70366	Th-234	1.24	0.227	0.126	0.00 - 0.50
7-00224	70366	Tl-208	0.321	0.0134	0.019	0.00 - 0.50
7-00224	70367	Bi-212	0.718	0.124	0.0652	1.00 - 3.25
7-00224	70367	Bi-214	1.04	0.0266	0.0472	1.00 - 3.25
7-00224	70367	Cs-137	0.0285	0.0159	0.0063	1.00 - 3.25
7-00224	70367	K-40	21.4	0.12	1.28	1.00 - 3.25
7-00224	70367	Pb-212	1.35	0.031	0.0826	1.00 - 3.25
7-00224	70367	Pb-214	1.13	0.0309	0.0552	1.00 - 3.25
7-00224	70367	Th-234	1.4	0.261	0.129	1.00 - 3.25
7-00224	70367	Tl-208	0.416	0.015	0.0234	1.00 - 3.25
7-00225	70394	Th-234	1.54 J	0.361	0.399	0.00 - 0.50
7-00225	70394	Nb-94	0.0085 JSK	0.0164	0.0051	0.00 - 0.50
7-00225	70395	Eu-155	0.0463 JSK	0.08	0.0268	1.00 - 2.75
7-00225	70395	Nb-94	0.0121 JSK	0.0163	0.0054	1.00 - 2.75
7-00225	70394	Ac-227	0.0681 U	0.208	0.0641	0.00 - 0.50
7-00225	70394	Cd-113m	-51.5 U	136	46.7	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00225	70394	Co-60	-0.0062 U	0.0169	0.0053	0.00 - 0.50
7-00225	70394	Cs-134	0.0045 U	0.0162	0.0055	0.00 - 0.50
7-00225	70394	Eu-152	-0.0262 U	0.0494	0.0221	0.00 - 0.50
7-00225	70394	Eu-154	-0.0605 U	0.0952	0.0322	0.00 - 0.50
7-00225	70394	Eu-155	0.0244 U	0.0694	0.021	0.00 - 0.50
7-00225	70394	Na-22	-0.0071 U	0.0205	0.0064	0.00 - 0.50
7-00225	70394	Np-236	0.0014 U	0.0377	0.0111	0.00 - 0.50
7-00225	70394	Np-239	0.0401 U	0.136	0.0416	0.00 - 0.50
7-00225	70394	Pa-231	0.0774 U	0.863	0.27	0.00 - 0.50
7-00225	70394	Sb-125	-0.0136 U	0.049	0.0148	0.00 - 0.50
7-00225	70394	Sn-126	0.001 U	0.0172	0.0051	0.00 - 0.50
7-00225	70394	Sr-90	0.0597 U	0.162	0.0486	0.00 - 0.50
7-00225	70395	Ac-227	-0.0009 U	0.214	0.0635	1.00 - 2.75
7-00225	70395	Cd-113m	35.3 U	147	47.5	1.00 - 2.75
7-00225	70395	Co-60	0.0024 U	0.0188	0.0054	1.00 - 2.75
7-00225	70395	Cs-134	0.0055 U	0.016	0.0054	1.00 - 2.75
7-00225	70395	Eu-152	0.0007 U	0.0525	0.018	1.00 - 2.75
7-00225	70395	Eu-154	-0.0322 U	0.102	0.0319	1.00 - 2.75
7-00225	70395	Na-22	-0.0061 U	0.0215	0.0065	1.00 - 2.75
7-00225	70395	Np-236	-0.0056 U	0.0425	0.0133	1.00 - 2.75
7-00225	70395	Np-239	0.0023 U	0.144	0.0427	1.00 - 2.75
7-00225	70395	Pa-231	-0.0534 U	0.9	0.269	1.00 - 2.75
7-00225	70395	Sb-125	0.0004 U	0.0489	0.0148	1.00 - 2.75
7-00225	70395	Sn-126	-0.0005 U	0.017	0.005	1.00 - 2.75
7-00225	70395	Sr-90	0.0159 U	0.241	0.0673	1.00 - 2.75
7-00225	70394	Ho-166m	0.006 U J	0.0274	0.0081	0.00 - 0.50
7-00225	70394	Tm-171	-18.7 U J	12.5	6	0.00 - 0.50
7-00225	70395	Ho-166m	0.002 U J	0.0276	0.0081	1.00 - 2.75
7-00225	70395	Tm-171	-19.8 U J	19.2	8.29	1.00 - 2.75
7-00225	70394	Cs-137	0.704	0.0197	0.0398	0.00 - 0.50
7-00225	70395	Cs-137	0.209	0.0191	0.0144	1.00 - 2.75

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00225	70394	Bi-212	0.672	0.133	0.0773	0.00 - 0.50
7-00225	70394	Bi-214	1.02	0.034	0.0488	0.00 - 0.50
7-00225	70394	K-40	19.8	0.131	1.08	0.00 - 0.50
7-00225	70394	Pb-212	1.21	0.0337	0.0689	0.00 - 0.50
7-00225	70394	Pb-214	1.11	0.0361	0.0535	0.00 - 0.50
7-00225	70394	Tl-208	0.36	0.0178	0.0222	0.00 - 0.50
7-00225	70395	Bi-212	0.906	0.133	0.0837	1.00 - 2.75
7-00225	70395	Bi-214	0.952	0.0328	0.0468	1.00 - 2.75
7-00225	70395	K-40	20.8	0.15	1.2	1.00 - 2.75
7-00225	70395	Pb-212	1.36	0.0356	0.0949	1.00 - 2.75
7-00225	70395	Pb-214	1.1	0.0376	0.0556	1.00 - 2.75
7-00225	70395	Th-234	1.36	0.355	0.184	1.00 - 2.75
7-00225	70395	Tl-208	0.413	0.0175	0.0246	1.00 - 2.75
7-00226	70396	Th-234	1.46 J	0.394	0.388	0.00 - 0.50
7-00226	70396	Eu-155	0.0668 JSK	0.0766	0.0282	0.00 - 0.50
7-00226	70396	Sb-125	0.0282 JSK	0.0514	0.0167	0.00 - 0.50
7-00226	70396	Ac-227	-0.119 U	0.217	0.0718	0.00 - 0.50
7-00226	70396	Cd-113m	-73.9 U	146	51.1	0.00 - 0.50
7-00226	70396	Co-60	-0.001 U	0.0199	0.0059	0.00 - 0.50
7-00226	70396	Cs-134	-0.0037 U	0.0166	0.0058	0.00 - 0.50
7-00226	70396	Eu-154	-0.0103 U	0.111	0.0326	0.00 - 0.50
7-00226	70396	Ho-166m	-0.0019 U	0.0301	0.009	0.00 - 0.50
7-00226	70396	Na-22	-0.0101 U	0.0234	0.0075	0.00 - 0.50
7-00226	70396	Np-236	-0.016 U	0.0403	0.0132	0.00 - 0.50
7-00226	70396	Np-239	0.0126 U	0.146	0.0435	0.00 - 0.50
7-00226	70396	Sn-126	-0.0024 U	0.0187	0.0056	0.00 - 0.50
7-00226	70396	Tm-171	-4.98 U	16.1	5.08	0.00 - 0.50
7-00226	70396	Eu-152	-0.0445 U J	0.0525	0.0217	0.00 - 0.50
7-00226	70396	Nb-94	0.0045 U J	0.0171	0.0051	0.00 - 0.50
7-00226	70396	Pa-231	-0.183 U J	0.91	0.278	0.00 - 0.50
7-00226	70396	Bi-212	0.871	0.144	0.0803	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00226	70396	Bi-214	1.02	0.034	0.0508	0.00 - 0.50
7-00226	70396	Cs-137	0.106	0.0182	0.0114	0.00 - 0.50
7-00226	70396	K-40	21.6	0.149	1.17	0.00 - 0.50
7-00226	70396	Pb-212	1.31	0.0363	0.0793	0.00 - 0.50
7-00226	70396	Pb-214	1.16	0.0384	0.0552	0.00 - 0.50
7-00226	70396	Sr-90	0.267	0.265	0.092	0.00 - 0.50
7-00226	70396	Tl-208	0.405	0.0184	0.0253	0.00 - 0.50
7-00227	70368	Eu-155	0.0399 JSK	0.0565	0.0194	0.00 - 0.50
7-00227	70369	Eu-155	0.0653 SK	0.061	0.0211	1.00 - 3.00
7-00227	70368	Ac-227	-0.0316 U	0.16	0.0478	0.00 - 0.50
7-00227	70368	Cd-113m	7.39 U	106	32.2	0.00 - 0.50
7-00227	70368	Co-60	0.0069 U	0.0152	0.0045	0.00 - 0.50
7-00227	70368	Cs-134	0.0027 U	0.0124	0.0041	0.00 - 0.50
7-00227	70368	Eu-152	-0.0045 U	0.0383	0.0141	0.00 - 0.50
7-00227	70368	Eu-154	-0.017 U	0.0807	0.0246	0.00 - 0.50
7-00227	70368	Ho-166m	-0.0082 U	0.0211	0.0066	0.00 - 0.50
7-00227	70368	Na-22	-0.0014 U	0.0167	0.0049	0.00 - 0.50
7-00227	70368	Nb-94	0.0055 U	0.0129	0.0039	0.00 - 0.50
7-00227	70368	Np-239	0.0317 U	0.108	0.0322	0.00 - 0.50
7-00227	70368	Pa-231	-0.325 U	0.663	0.213	0.00 - 0.50
7-00227	70368	Sb-125	0.0016 U	0.037	0.0111	0.00 - 0.50
7-00227	70368	Sn-126	0.004 U	0.0145	0.0043	0.00 - 0.50
7-00227	70368	Tm-171	-5.09 U	9.27	3.38	0.00 - 0.50
7-00227	70369	Ac-227	-0.0172 U	0.177	0.0544	1.00 - 3.00
7-00227	70369	Cd-113m	-12 U	115	36.9	1.00 - 3.00
7-00227	70369	Co-60	-0.0029 U	0.0154	0.0045	1.00 - 3.00
7-00227	70369	Cs-134	-0.0029 U	0.0129	0.0046	1.00 - 3.00
7-00227	70369	Cs-137	-0.0013 U	0.0159	0.0048	1.00 - 3.00
7-00227	70369	Eu-154	-0.0137 U	0.0903	0.0271	1.00 - 3.00
7-00227	70369	Ho-166m	-0.0104 U	0.0238	0.0078	1.00 - 3.00
7-00227	70369	Nb-94	-0.0009 U	0.014	0.0043	1.00 - 3.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00227	70369	Np-236	0.0006 U	0.0335	0.0103	1.00 - 3.00
7-00227	70369	Np-239	-0.0386 U	0.117	0.0371	1.00 - 3.00
7-00227	70369	Pa-231	0.134 U	0.73	0.234	1.00 - 3.00
7-00227	70369	Sb-125	-0.0069 U	0.0385	0.0116	1.00 - 3.00
7-00227	70369	Sn-126	0.0004 U	0.0155	0.0047	1.00 - 3.00
7-00227	70369	Tm-171	-5.97 U	10.3	3.73	1.00 - 3.00
7-00227	70368	Np-236	-0.0226 U J	0.0298	0.0107	0.00 - 0.50
7-00227	70369	Eu-152	-0.0368 U J	0.0412	0.0177	1.00 - 3.00
7-00227	70369	Na-22	-0.0152 U J	0.0173	0.0066	1.00 - 3.00
7-00227	70368	Bi-212	0.796	0.111	0.0658	0.00 - 0.50
7-00227	70368	Bi-214	1.02	0.0255	0.0472	0.00 - 0.50
7-00227	70368	Cs-137	0.0916	0.0138	0.0076	0.00 - 0.50
7-00227	70368	K-40	20.1	0.112	1.1	0.00 - 0.50
7-00227	70368	Pb-212	1.3	0.0267	0.07	0.00 - 0.50
7-00227	70368	Pb-214	1.12	0.0275	0.0504	0.00 - 0.50
7-00227	70368	Th-234	1.26	0.232	0.118	0.00 - 0.50
7-00227	70368	Tl-208	0.37	0.0141	0.0213	0.00 - 0.50
7-00227	70369	Bi-212	0.869	0.114	0.0693	1.00 - 3.00
7-00227	70369	Bi-214	0.836	0.0261	0.0404	1.00 - 3.00
7-00227	70369	K-40	21	0.111	1.25	1.00 - 3.00
7-00227	70369	Pb-212	1.39	0.0296	0.0853	1.00 - 3.00
7-00227	70369	Pb-214	0.913	0.0307	0.0454	1.00 - 3.00
7-00227	70369	Th-234	1.39	0.272	0.142	1.00 - 3.00
7-00227	70369	Tl-208	0.415	0.0146	0.0234	1.00 - 3.00
7-00228	70370	Nb-94	0.0125 JSK	0.0173	0.0058	0.00 - 0.50
7-00228	70370	Eu-155	0.0757 SK	0.0521	0.0239	0.00 - 0.50
7-00228	70371	Eu-155	0.0449 SK	0.0595	0.0208	1.00 - 2.20
7-00228	70370	Ac-227	-0.0316 U	0.176	0.0547	0.00 - 0.50
7-00228	70370	Cd-113m	-48.2 U	117	38.3	0.00 - 0.50
7-00228	70370	Co-60	0.0035 U	0.0215	0.0061	0.00 - 0.50
7-00228	70370	Cs-134	-0.0013 U	0.0159	0.0055	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00228	70370	Eu-152	0.012 U	0.045	0.0141	0.00 - 0.50
7-00228	70370	Eu-154	-0.0666 U	0.106	0.0364	0.00 - 0.50
7-00228	70370	Ho-166m	-0.0071 U	0.0274	0.0081	0.00 - 0.50
7-00228	70370	Na-22	-0.0005 U	0.0237	0.0071	0.00 - 0.50
7-00228	70370	Np-236	-0.0179 U	0.0289	0.0096	0.00 - 0.50
7-00228	70370	Np-239	-0.0369 U	0.111	0.0354	0.00 - 0.50
7-00228	70370	Pa-231	-0.0448 U	0.738	0.228	0.00 - 0.50
7-00228	70370	Sb-125	0.0098 U	0.0435	0.0128	0.00 - 0.50
7-00228	70370	Sn-126	0.0003 U	0.019	0.0057	0.00 - 0.50
7-00228	70370	Tm-171	2.05 U	6.49	2.28	0.00 - 0.50
7-00228	70371	Ac-227	-0.0201 U	0.176	0.0532	1.00 - 2.20
7-00228	70371	Cd-113m	-31.5 U	116	37.1	1.00 - 2.20
7-00228	70371	Co-60	0.0029 U	0.0151	0.0043	1.00 - 2.20
7-00228	70371	Cs-134	-0.0042 U	0.0121	0.0043	1.00 - 2.20
7-00228	70371	Cs-137	-0.0037 U	0.0145	0.0051	1.00 - 2.20
7-00228	70371	Eu-152	-0.015 U	0.0409	0.0177	1.00 - 2.20
7-00228	70371	Eu-154	-0.0075 U	0.0787	0.0276	1.00 - 2.20
7-00228	70371	Ho-166m	-0.0023 U	0.0226	0.0067	1.00 - 2.20
7-00228	70371	Na-22	-0.0026 U	0.0165	0.0049	1.00 - 2.20
7-00228	70371	Nb-94	0.0042 U	0.0136	0.0041	1.00 - 2.20
7-00228	70371	Np-236	-0.0054 U	0.0328	0.0101	1.00 - 2.20
7-00228	70371	Np-239	0.0156 U	0.117	0.0351	1.00 - 2.20
7-00228	70371	Pa-231	0.0341 U	0.719	0.224	1.00 - 2.20
7-00228	70371	Sb-125	-0.0078 U	0.0388	0.0121	1.00 - 2.20
7-00228	70371	Sn-126	0.0029 U	0.0147	0.0043	1.00 - 2.20
7-00228	70371	Tm-171	-7.07 U	10.3	4.06	1.00 - 2.20
7-00228	70370	Bi-212	0.731	0.145	0.0813	0.00 - 0.50
7-00228	70370	Bi-214	0.947	0.0311	0.0467	0.00 - 0.50
7-00228	70370	Cs-137	0.0868	0.0191	0.0094	0.00 - 0.50
7-00228	70370	K-40	20.6	0.158	1.12	0.00 - 0.50
7-00228	70370	Pb-212	1.15	0.0296	0.0645	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00228	70370	Pb-214	1	0.0316	0.0477	0.00 - 0.50
7-00228	70370	Th-234	1.52	0.218	0.125	0.00 - 0.50
7-00228	70370	Tl-208	0.376	0.0179	0.0232	0.00 - 0.50
7-00228	70371	Bi-212	0.784	0.111	0.0679	1.00 - 2.20
7-00228	70371	Bi-214	0.831	0.0253	0.0403	1.00 - 2.20
7-00228	70371	K-40	18.4	0.11	0.997	1.00 - 2.20
7-00228	70371	Pb-212	1.39	0.0288	0.0886	1.00 - 2.20
7-00228	70371	Pb-214	0.942	0.0301	0.0474	1.00 - 2.20
7-00228	70371	Th-234	1.47	0.256	0.145	1.00 - 2.20
7-00228	70371	Tl-208	0.439	0.0136	0.0252	1.00 - 2.20
7-00229	70507	Sb-125	0.0272 JSK	0.0492	0.0154	0.00 - 0.50
7-00229	70507	Eu-155	0.103 SK	0.0558	0.0283	0.00 - 0.50
7-00229	70469	Sr-90	0.052 U	0.317	0.0908	0.00 - 0.50
7-00229	70470	Sr-90	-0.0128 U	0.389	0.104	1.00 - 1.75
7-00229	70507	Ac-227	-0.057 U	0.188	0.06	0.00 - 0.50
7-00229	70507	Cd-113m	-55.3 U	125	41.2	0.00 - 0.50
7-00229	70507	Co-60	-0.0013 U	0.0211	0.0061	0.00 - 0.50
7-00229	70507	Eu-152	-0.0204 U	0.048	0.0161	0.00 - 0.50
7-00229	70507	Ho-166m	-0.0012 U	0.0312	0.009	0.00 - 0.50
7-00229	70507	Na-22	-0.0089 U	0.0237	0.0076	0.00 - 0.50
7-00229	70507	Nb-94	0.0061 U	0.019	0.0058	0.00 - 0.50
7-00229	70507	Np-236	-0.0016 U	0.0313	0.0092	0.00 - 0.50
7-00229	70507	Np-239	-0.0154 U	0.125	0.0383	0.00 - 0.50
7-00229	70507	Pa-231	-0.0047 U	0.792	0.244	0.00 - 0.50
7-00229	70507	Sn-126	0.0013 U	0.0206	0.0062	0.00 - 0.50
7-00229	70507	Tm-171	3.28 U	7.13	2.56	0.00 - 0.50
7-00229	70507	Cs-134	-0.015 U J	0.016	0.0069	0.00 - 0.50
7-00229	70507	Eu-154	-0.0934 U J	0.109	0.0407	0.00 - 0.50
7-00229	70507	Bi-212	0.855	0.159	0.0932	0.00 - 0.50
7-00229	70507	Bi-214	1.07	0.0342	0.0531	0.00 - 0.50
7-00229	70507	Cs-137	0.124	0.0211	0.0117	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00229	70507	K-40	20.4	0.171	1.12	0.00 - 0.50
7-00229	70507	Pb-212	1.35	0.0312	0.0754	0.00 - 0.50
7-00229	70507	Pb-214	1.16	0.0359	0.054	0.00 - 0.50
7-00229	70507	Th-234	1.62	0.225	0.135	0.00 - 0.50
7-00229	70507	Tl-208	0.447	0.0191	0.0267	0.00 - 0.50
7-00230	70508	Th-234	1.48 J	0.359	0.384	0.25 - 0.75
7-00230	70471	Sr-90	0.0267 U	0.215	0.0601	0.25 - 0.75
7-00230	70472	Sr-90	0.0159 U	0.271	0.074	1.00 - 3.50
7-00230	70508	Ac-227	-0.0262 U	0.196	0.0581	0.25 - 0.75
7-00230	70508	Co-60	-0.0049 U	0.017	0.0053	0.25 - 0.75
7-00230	70508	Cs-134	0.0024 U	0.0153	0.0053	0.25 - 0.75
7-00230	70508	Cs-137	0.0044 U	0.0186	0.0057	0.25 - 0.75
7-00230	70508	Eu-152	0.0004 U	0.0488	0.0176	0.25 - 0.75
7-00230	70508	Eu-154	0.0236 U	0.0997	0.0294	0.25 - 0.75
7-00230	70508	Eu-155	0.0347 U	0.0709	0.0228	0.25 - 0.75
7-00230	70508	Ho-166m	-0.0026 U	0.0279	0.0082	0.25 - 0.75
7-00230	70508	Na-22	0.0008 U	0.0199	0.0066	0.25 - 0.75
7-00230	70508	Nb-94	-0.0032 U	0.015	0.0045	0.25 - 0.75
7-00230	70508	Np-236	0.0085 U	0.0383	0.0117	0.25 - 0.75
7-00230	70508	Np-239	-0.036 U	0.13	0.0393	0.25 - 0.75
7-00230	70508	Pa-231	-0.498 U	0.809	0.292	0.25 - 0.75
7-00230	70508	Sb-125	-0.0149 U	0.0453	0.0141	0.25 - 0.75
7-00230	70508	Sn-126	0.0012 U	0.0173	0.005	0.25 - 0.75
7-00230	70508	Cd-113m	-145 U J	127	56.2	0.25 - 0.75
7-00230	70508	Tm-171	-11.9 U J	13	4.88	0.25 - 0.75
7-00230	70508	Bi-212	0.755	0.138	0.0744	0.25 - 0.75
7-00230	70508	Bi-214	1.01	0.031	0.0483	0.25 - 0.75
7-00230	70508	K-40	19.8	0.129	1.07	0.25 - 0.75
7-00230	70508	Pb-212	1.31	0.0334	0.0745	0.25 - 0.75
7-00230	70508	Pb-214	1.12	0.0333	0.0525	0.25 - 0.75
7-00230	70508	Tl-208	0.435	0.0165	0.0252	0.25 - 0.75

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00231	70509	Na-22	0.0121 J	0.0188	0.0063	0.00 - 0.50
7-00231	70509	Eu-155	0.0898 SK	0.0682	0.029	0.00 - 0.50
7-00231	70473	Sr-90	0.0855 U	0.225	0.0673	0.00 - 0.50
7-00231	70509	Ac-227	-0.0045 U	0.187	0.0547	0.00 - 0.50
7-00231	70509	Cd-113m	2.36 U	124	37.4	0.00 - 0.50
7-00231	70509	Co-60	-0.0057 U	0.0156	0.0049	0.00 - 0.50
7-00231	70509	Cs-134	0.0008 U	0.0141	0.0049	0.00 - 0.50
7-00231	70509	Eu-152	-0.0189 U	0.0458	0.0149	0.00 - 0.50
7-00231	70509	Eu-154	0.0051 U	0.087	0.0291	0.00 - 0.50
7-00231	70509	Ho-166m	0.0081 U	0.026	0.008	0.00 - 0.50
7-00231	70509	Nb-94	-0.001 U	0.0147	0.0045	0.00 - 0.50
7-00231	70509	Np-236	-0.0126 U	0.0375	0.0119	0.00 - 0.50
7-00231	70509	Np-239	-0.0567 U	0.127	0.0397	0.00 - 0.50
7-00231	70509	Pa-231	-0.0774 U	0.777	0.229	0.00 - 0.50
7-00231	70509	Sb-125	0.0003 U	0.0423	0.0125	0.00 - 0.50
7-00231	70509	Sn-126	-0.0078 U	0.0155	0.0052	0.00 - 0.50
7-00231	70509	Tm-171	-9.64 U	14.5	5.48	0.00 - 0.50
7-00231	70474	Sr-90	0.209	0.282	0.0923	1.00 - 2.00
7-00231	70509	Bi-212	0.869	0.121	0.0772	0.00 - 0.50
7-00231	70509	Bi-214	1.06	0.0288	0.0502	0.00 - 0.50
7-00231	70509	Cs-137	0.163	0.0183	0.0119	0.00 - 0.50
7-00231	70509	K-40	21	0.128	1.14	0.00 - 0.50
7-00231	70509	Pb-212	1.5	0.0309	0.0833	0.00 - 0.50
7-00231	70509	Pb-214	1.24	0.0329	0.0572	0.00 - 0.50
7-00231	70509	Th-234	2.08	0.311	0.188	0.00 - 0.50
7-00231	70509	Tl-208	0.468	0.0146	0.0268	0.00 - 0.50
7-00232	70373	Np-239	0.0567 J	0.113	0.0364	1.00 - 3.50
7-00232	70372	Cs-134	0.0094 JSK	0.0126	0.0047	0.00 - 0.50
7-00232	70373	Eu-155	0.0449 JSK	0.0533	0.0186	1.00 - 3.50
7-00232	70372	Ac-227	0.0408 U	0.166	0.0492	0.00 - 0.50
7-00232	70372	Cd-113m	32.9 U	109	34.7	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00232	70372	Co-60	-0.0027 U	0.0144	0.0044	0.00 - 0.50
7-00232	70372	Eu-152	0.0057 U	0.0404	0.0119	0.00 - 0.50
7-00232	70372	Eu-154	-0.0419 U	0.0746	0.025	0.00 - 0.50
7-00232	70372	Eu-155	0.0211 U	0.0587	0.0184	0.00 - 0.50
7-00232	70372	Ho-166m	-0.0083 U	0.0212	0.0066	0.00 - 0.50
7-00232	70372	Na-22	-0.0045 U	0.0161	0.005	0.00 - 0.50
7-00232	70372	Nb-94	-0.0028 U	0.0126	0.0037	0.00 - 0.50
7-00232	70372	Np-236	-0.0009 U	0.0309	0.0094	0.00 - 0.50
7-00232	70372	Np-239	-0.0315 U	0.108	0.0326	0.00 - 0.50
7-00232	70372	Pa-231	0.089 U	0.678	0.199	0.00 - 0.50
7-00232	70372	Sb-125	-0.0106 U	0.0378	0.0117	0.00 - 0.50
7-00232	70372	Sn-126	-0.0072 U	0.0134	0.0043	0.00 - 0.50
7-00232	70373	Ac-227	0.0047 U	0.169	0.0518	1.00 - 3.50
7-00232	70373	Cd-113m	-34.5 U	110	35.2	1.00 - 3.50
7-00232	70373	Co-60	0.0022 U	0.0191	0.0054	1.00 - 3.50
7-00232	70373	Cs-134	-0.0096 U	0.0145	0.0057	1.00 - 3.50
7-00232	70373	Cs-137	-0.0013 U	0.0191	0.0058	1.00 - 3.50
7-00232	70373	Eu-152	-0.0222 U	0.0415	0.0138	1.00 - 3.50
7-00232	70373	Eu-154	-0.027 U	0.106	0.0323	1.00 - 3.50
7-00232	70373	Ho-166m	-0.008 U	0.0285	0.0085	1.00 - 3.50
7-00232	70373	Na-22	0.002 U	0.0226	0.0067	1.00 - 3.50
7-00232	70373	Nb-94	-0.0006 U	0.0163	0.005	1.00 - 3.50
7-00232	70373	Np-236	0.005 U	0.0292	0.0086	1.00 - 3.50
7-00232	70373	Pa-231	-0.18 U	0.704	0.224	1.00 - 3.50
7-00232	70373	Sb-125	-0.0031 U	0.0428	0.0126	1.00 - 3.50
7-00232	70373	Sn-126	-0.0001 U	0.0179	0.0054	1.00 - 3.50
7-00232	70373	Tm-171	-1.64 U	6.33	2.24	1.00 - 3.50
7-00232	70372	Tm-171	-8.88 U J	10.4	4.13	0.00 - 0.50
7-00232	70372	Bi-212	0.773	0.105	0.0624	0.00 - 0.50
7-00232	70372	Bi-214	0.887	0.0242	0.0417	0.00 - 0.50
7-00232	70372	Cs-137	0.199	0.0136	0.0128	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00232	70372	K-40	19.8	0.105	1.07	0.00 - 0.50
7-00232	70372	Pb-212	1.14	0.0272	0.0648	0.00 - 0.50
7-00232	70372	Pb-214	0.95	0.0277	0.0447	0.00 - 0.50
7-00232	70372	Th-234	1.41	0.248	0.129	0.00 - 0.50
7-00232	70372	Tl-208	0.349	0.0139	0.0206	0.00 - 0.50
7-00232	70373	Bi-212	0.705	0.137	0.0835	1.00 - 3.50
7-00232	70373	Bi-214	0.885	0.0313	0.0446	1.00 - 3.50
7-00232	70373	K-40	18	0.145	0.986	1.00 - 3.50
7-00232	70373	Pb-212	1.25	0.028	0.0694	1.00 - 3.50
7-00232	70373	Pb-214	0.952	0.0302	0.0454	1.00 - 3.50
7-00232	70373	Th-234	1.5	0.216	0.118	1.00 - 3.50
7-00232	70373	Tl-208	0.407	0.0176	0.0245	1.00 - 3.50
7-00233	70437	Th-234	1.58 J	0.395	0.416	0.00 - 0.50
7-00233	70437	Eu-155	0.0453 JSK	0.0743	0.0248	0.00 - 0.50
7-00233	70437	Ac-227	-0.0607 U	0.209	0.0638	0.00 - 0.50
7-00233	70437	Cd-113m	-16.6 U	141	43.3	0.00 - 0.50
7-00233	70437	Co-60	0.0052 U	0.0189	0.0055	0.00 - 0.50
7-00233	70437	Cs-134	0.0041 U	0.0153	0.0051	0.00 - 0.50
7-00233	70437	Eu-152	-0.0093 U	0.0506	0.0176	0.00 - 0.50
7-00233	70437	Eu-154	-0.0032 U	0.1	0.0301	0.00 - 0.50
7-00233	70437	Na-22	-0.0035 U	0.0215	0.0064	0.00 - 0.50
7-00233	70437	Nb-94	0.0037 U	0.0155	0.0046	0.00 - 0.50
7-00233	70437	Np-236	-0.0135 U	0.0395	0.0126	0.00 - 0.50
7-00233	70437	Np-239	0.029 U	0.141	0.0416	0.00 - 0.50
7-00233	70437	Sb-125	-0.0108 U	0.0467	0.0145	0.00 - 0.50
7-00233	70437	Sn-126	-0.0004 U	0.0168	0.0049	0.00 - 0.50
7-00233	70437	Sr-90	0.105 U	0.212	0.0653	0.00 - 0.50
7-00233	70437	Tm-171	-4.32 U	16.5	5.11	0.00 - 0.50
7-00233	70437	Ho-166m	0.0108 U J	0.0279	0.0084	0.00 - 0.50
7-00233	70437	Pa-231	-0.625 U J	0.835	0.295	0.00 - 0.50
7-00233	70437	Cs-137	0.296	0.017	0.0182	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00233	70437	Bi-212	0.837	0.133	0.0756	0.00 - 0.50
7-00233	70437	Bi-214	0.938	0.0325	0.0467	0.00 - 0.50
7-00233	70437	K-40	21.2	0.145	1.24	0.00 - 0.50
7-00233	70437	Pb-212	1.29	0.0349	0.0866	0.00 - 0.50
7-00233	70437	Pb-214	1.09	0.0358	0.0548	0.00 - 0.50
7-00233	70437	Tl-208	0.392	0.017	0.0232	0.00 - 0.50
7-00234	70438	Eu-152	0.0236 J	0.0481	0.0156	0.00 - 0.50
7-00234	70438	Na-22	0.0131 J	0.0253	0.0079	0.00 - 0.50
7-00234	70438	Sn-126	0.0141 J	0.0211	0.0069	0.00 - 0.50
7-00234	70438	Cs-134	0.0129 JSK	0.0167	0.0062	0.00 - 0.50
7-00234	70438	Nb-94	0.0121 JSK	0.0185	0.0061	0.00 - 0.50
7-00234	70438	Eu-155	0.0783 SK	0.0549	0.0223	0.00 - 0.50
7-00234	70438	Cd-113m	10.4 U	124	38.1	0.00 - 0.50
7-00234	70438	Co-60	-0.0079 U	0.0205	0.0063	0.00 - 0.50
7-00234	70438	Eu-154	-0.0764 U	0.11	0.0386	0.00 - 0.50
7-00234	70438	Np-239	0.0042 U	0.121	0.0369	0.00 - 0.50
7-00234	70438	Pa-231	-0.303 U	0.755	0.248	0.00 - 0.50
7-00234	70438	Sb-125	0.0059 U	0.0485	0.0142	0.00 - 0.50
7-00234	70438	Sr-90	0.088 U	0.158	0.0501	0.00 - 0.50
7-00234	70438	Tm-171	3.22 U	6.96	2.5	0.00 - 0.50
7-00234	70438	Ac-227	-0.141 U J	0.178	0.0655	0.00 - 0.50
7-00234	70438	Ho-166m	-0.0121 U J	0.0289	0.009	0.00 - 0.50
7-00234	70438	Np-236	-0.0247 U J	0.0305	0.0108	0.00 - 0.50
7-00234	70438	Bi-212	0.834	0.149	0.0876	0.00 - 0.50
7-00234	70438	Bi-214	0.958	0.0334	0.0475	0.00 - 0.50
7-00234	70438	Cs-137	0.192	0.0209	0.0155	0.00 - 0.50
7-00234	70438	K-40	20.1	0.149	1.1	0.00 - 0.50
7-00234	70438	Pb-212	1.3	0.0311	0.0725	0.00 - 0.50
7-00234	70438	Pb-214	1.02	0.0327	0.0489	0.00 - 0.50
7-00234	70438	Th-234	1.29	0.226	0.116	0.00 - 0.50
7-00234	70438	Tl-208	0.406	0.0181	0.0247	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00235	70439	Cs-134	0.007 JSK	0.0132	0.0047	0.00 - 0.50
7-00235	70439	Eu-155	0.0409 JSK	0.0635	0.0214	0.00 - 0.50
7-00235	70439	Ac-227	-0.0355 U	0.171	0.0512	0.00 - 0.50
7-00235	70439	Cd-113m	8.18 U	117	35.5	0.00 - 0.50
7-00235	70439	Co-60	-0.002 U	0.0146	0.0044	0.00 - 0.50
7-00235	70439	Eu-152	-0.0109 U	0.0439	0.0134	0.00 - 0.50
7-00235	70439	Eu-154	-0.046 U	0.0839	0.0279	0.00 - 0.50
7-00235	70439	Na-22	0 U	0.017	0	0.00 - 0.50
7-00235	70439	Nb-94	0.0066 U	0.014	0.0042	0.00 - 0.50
7-00235	70439	Np-236	-0.018 U	0.0335	0.0112	0.00 - 0.50
7-00235	70439	Np-239	0.0263 U	0.117	0.0346	0.00 - 0.50
7-00235	70439	Pa-231	0.0116 U	0.727	0.213	0.00 - 0.50
7-00235	70439	Sb-125	0.0101 U	0.0413	0.0124	0.00 - 0.50
7-00235	70439	Sn-126	-0.0009 U	0.015	0.0043	0.00 - 0.50
7-00235	70439	Sr-90	-0.0066 U	0.19	0.0507	0.00 - 0.50
7-00235	70439	Tm-171	-0.91 U	11.5	3.87	0.00 - 0.50
7-00235	70439	Ho-166m	-0.0047 U J	0.0224	0.0066	0.00 - 0.50
7-00235	70439	Cs-137	0.307	0.0148	0.0185	0.00 - 0.50
7-00235	70439	Bi-212	0.857	0.11	0.0646	0.00 - 0.50
7-00235	70439	Bi-214	1.02	0.0259	0.0478	0.00 - 0.50
7-00235	70439	K-40	18.5	0.111	1.01	0.00 - 0.50
7-00235	70439	Pb-212	1.27	0.0288	0.0715	0.00 - 0.50
7-00235	70439	Pb-214	1.12	0.0302	0.0522	0.00 - 0.50
7-00235	70439	Th-234	1.57	0.264	0.141	0.00 - 0.50
7-00235	70439	Tl-208	0.4	0.0143	0.0229	0.00 - 0.50
7-00236	70440	Eu-155	0.0752 JSK	0.0827	0.0308	0.00 - 0.50
7-00236	70440	Np-236	0.0372 JSK	0.0453	0.0164	0.00 - 0.50
7-00236	70440	Ac-227	0.026 U	0.232	0.069	0.00 - 0.50
7-00236	70440	Cd-113m	-95 U	148	50.2	0.00 - 0.50
7-00236	70440	Co-60	0.0055 U	0.0188	0.0054	0.00 - 0.50
7-00236	70440	Cs-134	0.005 U	0.0166	0.0055	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00236	70440	Eu-152	-0.03 U	0.055	0.0196	0.00 - 0.50
7-00236	70440	Eu-154	-0.0557 U	0.0998	0.0337	0.00 - 0.50
7-00236	70440	Na-22	-0.0105 U	0.021	0.0068	0.00 - 0.50
7-00236	70440	Nb-94	0.0021 U	0.0163	0.0048	0.00 - 0.50
7-00236	70440	Np-239	-0.0146 U	0.151	0.0449	0.00 - 0.50
7-00236	70440	Pa-231	-0.0786 U	0.949	0.284	0.00 - 0.50
7-00236	70440	Sb-125	0.0189 U	0.0544	0.0168	0.00 - 0.50
7-00236	70440	Sn-126	0.009 U	0.0186	0.0057	0.00 - 0.50
7-00236	70440	Tm-171	-13.1 U	19.3	7.43	0.00 - 0.50
7-00236	70440	Ho-166m	-0.0065 U J	0.0273	0.0082	0.00 - 0.50
7-00236	70440	Cs-137	1.03	0.0185	0.0566	0.00 - 0.50
7-00236	70440	Bi-212	0.851	0.136	0.0787	0.00 - 0.50
7-00236	70440	Bi-214	1.02	0.032	0.0492	0.00 - 0.50
7-00236	70440	K-40	20.3	0.133	1.18	0.00 - 0.50
7-00236	70440	Pb-212	1.35	0.038	0.0943	0.00 - 0.50
7-00236	70440	Pb-214	1.15	0.0399	0.059	0.00 - 0.50
7-00236	70440	Sr-90	0.171	0.162	0.058	0.00 - 0.50
7-00236	70440	Th-234	1.68	0.356	0.209	0.00 - 0.50
7-00236	70440	Tl-208	0.407	0.0184	0.0242	0.00 - 0.50
7-00237	70441	Cs-134	0.0093 JSK	0.0144	0.0052	0.00 - 0.50
7-00237	70441	Eu-155	0.0876 SK	0.0604	0.0239	0.00 - 0.50
7-00237	70441	Ac-227	0.0047 U	0.176	0.0532	0.00 - 0.50
7-00237	70441	Cd-113m	14 U	117	36.6	0.00 - 0.50
7-00237	70441	Co-60	-0.007 U	0.0146	0.0047	0.00 - 0.50
7-00237	70441	Eu-152	0.0024 U	0.044	0.0153	0.00 - 0.50
7-00237	70441	Eu-154	-0.0024 U	0.0894	0.0259	0.00 - 0.50
7-00237	70441	Na-22	-0.0073 U	0.0183	0.0058	0.00 - 0.50
7-00237	70441	Nb-94	0.0065 U	0.0147	0.0046	0.00 - 0.50
7-00237	70441	Np-236	0.0002 U	0.0329	0.0097	0.00 - 0.50
7-00237	70441	Np-239	-0.0404 U	0.115	0.0362	0.00 - 0.50
7-00237	70441	Pa-231	-0.174 U	0.733	0.236	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00237	70441	Sb-125	0.0058 U	0.0404	0.0117	0.00 - 0.50
7-00237	70441	Sn-126	-0.0018 U	0.0153	0.0046	0.00 - 0.50
7-00237	70441	Sr-90	0.106 U	0.216	0.0666	0.00 - 0.50
7-00237	70441	Tm-171	-7.36 U	11.3	4.39	0.00 - 0.50
7-00237	70441	Ho-166m	-0.0002 U J	0.0242	0.0072	0.00 - 0.50
7-00237	70441	Bi-212	0.732	0.118	0.071	0.00 - 0.50
7-00237	70441	Bi-214	0.865	0.0283	0.0417	0.00 - 0.50
7-00237	70441	Cs-137	0.065	0.0159	0.0087	0.00 - 0.50
7-00237	70441	K-40	18.4	0.116	0.995	0.00 - 0.50
7-00237	70441	Pb-212	1.26	0.029	0.0711	0.00 - 0.50
7-00237	70441	Pb-214	0.947	0.0313	0.0445	0.00 - 0.50
7-00237	70441	Th-234	1.04	0.285	0.128	0.00 - 0.50
7-00237	70441	Tl-208	0.391	0.0156	0.0227	0.00 - 0.50
7-00238	70443	Th-234	1.42 J	0.423	0.374	1.00 - 4.00
7-00238	70443	Eu-155	0.0685 JSK	0.0788	0.0281	1.00 - 4.00
7-00238	70443	Nb-94	0.0123 JSK	0.0169	0.0056	1.00 - 4.00
7-00238	70442	Cs-134	0.0268 SK	0.0128	0.0051	0.00 - 0.50
7-00238	70442	Eu-155	0.0659 SK	0.0597	0.0235	0.00 - 0.50
7-00238	70442	Ac-227	-0.0231 U	0.176	0.0535	0.00 - 0.50
7-00238	70442	Cd-113m	6.61 U	118	36.7	0.00 - 0.50
7-00238	70442	Co-60	0.0003 U	0.015	0.0043	0.00 - 0.50
7-00238	70442	Eu-152	-0.016 U	0.0436	0.015	0.00 - 0.50
7-00238	70442	Eu-154	-0.0451 U	0.0852	0.0286	0.00 - 0.50
7-00238	70442	Na-22	-0.0042 U	0.0182	0.0055	0.00 - 0.50
7-00238	70442	Nb-94	0.0024 U	0.0138	0.0041	0.00 - 0.50
7-00238	70442	Np-236	-0.0057 U	0.0332	0.0106	0.00 - 0.50
7-00238	70442	Np-239	0.0083 U	0.12	0.036	0.00 - 0.50
7-00238	70442	Pa-231	-0.0377 U	0.727	0.227	0.00 - 0.50
7-00238	70442	Sb-125	-0.0023 U	0.0406	0.0124	0.00 - 0.50
7-00238	70442	Sn-126	-0.0029 U	0.015	0.0045	0.00 - 0.50
7-00238	70442	Tm-171	-2.47 U	10.6	3.77	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00238	70443	Ac-227	0.0494 U	0.206	0.0641	1.00 - 4.00
7-00238	70443	Cd-113m	-68.8 U	136	44.5	1.00 - 4.00
7-00238	70443	Co-60	-0.0006 U	0.0194	0.0057	1.00 - 4.00
7-00238	70443	Cs-134	-0.0019 U	0.015	0.0051	1.00 - 4.00
7-00238	70443	Eu-152	-0.0015 U	0.049	0.0177	1.00 - 4.00
7-00238	70443	Eu-154	0.0184 U	0.11	0.033	1.00 - 4.00
7-00238	70443	Na-22	-0.0021 U	0.0233	0.0069	1.00 - 4.00
7-00238	70443	Np-236	0.0091 U	0.0418	0.0125	1.00 - 4.00
7-00238	70443	Np-239	-0.0877 U	0.139	0.0482	1.00 - 4.00
7-00238	70443	Pa-231	-0.0501 U	0.85	0.264	1.00 - 4.00
7-00238	70443	Sb-125	0.0041 U	0.0477	0.0142	1.00 - 4.00
7-00238	70443	Sn-126	0.0006 U	0.0177	0.0052	1.00 - 4.00
7-00238	70443	Tm-171	-9.96 U	19.7	6.3	1.00 - 4.00
7-00238	70442	Ho-166m	0.0013 U J	0.0239	0.007	0.00 - 0.50
7-00238	70443	Ho-166m	-0.0016 U J	0.0271	0.008	1.00 - 4.00
7-00238	70442	Bi-212	0.824	0.116	0.0678	0.00 - 0.50
7-00238	70442	Bi-214	0.848	0.0269	0.0412	0.00 - 0.50
7-00238	70442	Cs-137	0.0914	0.0139	0.008	0.00 - 0.50
7-00238	70442	K-40	19.8	0.117	1.07	0.00 - 0.50
7-00238	70442	Pb-212	1.25	0.0297	0.08	0.00 - 0.50
7-00238	70442	Pb-214	1.01	0.031	0.0504	0.00 - 0.50
7-00238	70442	Sr-90	0.445	0.16	0.0869	0.00 - 0.50
7-00238	70442	Th-234	1.27	0.258	0.138	0.00 - 0.50
7-00238	70442	Tl-208	0.365	0.0145	0.0214	0.00 - 0.50
7-00238	70443	Bi-212	0.845	0.134	0.0807	1.00 - 4.00
7-00238	70443	Bi-214	0.751	0.0307	0.038	1.00 - 4.00
7-00238	70443	Cs-137	0.0294	0.0186	0.0072	1.00 - 4.00
7-00238	70443	K-40	21.1	0.131	1.31	1.00 - 4.00
7-00238	70443	Pb-212	1.3	0.0344	0.0861	1.00 - 4.00
7-00238	70443	Pb-214	0.855	0.0363	0.0453	1.00 - 4.00
7-00238	70443	Sr-90	0.22	0.198	0.0698	1.00 - 4.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00238	70443	Tl-208	0.405	0.0168	0.0242	1.00 - 4.00
7-00239	70444	Th-234	1.35 J	0.431	0.365	1.00 - 5.00
7-00239	70444	Ac-227	-0.129 U	0.212	0.0716	1.00 - 5.00
7-00239	70444	Cd-113m	-72 U	144	51.6	1.00 - 5.00
7-00239	70444	Co-60	0.002 U	0.0179	0.0052	1.00 - 5.00
7-00239	70444	Cs-134	0.005 U	0.016	0.0055	1.00 - 5.00
7-00239	70444	Eu-152	-0.0164 U	0.0525	0.0202	1.00 - 5.00
7-00239	70444	Eu-155	0.0078 U	0.082	0.0242	1.00 - 5.00
7-00239	70444	Ho-166m	0.0095 U	0.0297	0.0089	1.00 - 5.00
7-00239	70444	Na-22	-0.0068 U	0.0205	0.0063	1.00 - 5.00
7-00239	70444	Nb-94	0.0062 U	0.0165	0.005	1.00 - 5.00
7-00239	70444	Np-236	0.0037 U	0.044	0.013	1.00 - 5.00
7-00239	70444	Np-239	-0.0091 U	0.146	0.0439	1.00 - 5.00
7-00239	70444	Pa-231	-0.627 U	0.911	0.358	1.00 - 5.00
7-00239	70444	Sb-125	0.0046 U	0.049	0.0149	1.00 - 5.00
7-00239	70444	Sn-126	-0.0041 U	0.018	0.0055	1.00 - 5.00
7-00239	70444	Sr-90	0.0247 U	0.397	0.112	1.00 - 5.00
7-00239	70444	Tm-171	-5.67 U	18.4	5.88	1.00 - 5.00
7-00239	70444	Eu-154	-0.0295 U J	0.0989	0.031	1.00 - 5.00
7-00239	70444	Bi-212	0.861	0.134	0.0806	1.00 - 5.00
7-00239	70444	Bi-214	0.867	0.0317	0.0449	1.00 - 5.00
7-00239	70444	Cs-137	0.0925	0.0194	0.0108	1.00 - 5.00
7-00239	70444	K-40	18.8	0.14	1.03	1.00 - 5.00
7-00239	70444	Pb-212	1.35	0.0357	0.0784	1.00 - 5.00
7-00239	70444	Pb-214	0.974	0.0379	0.0471	1.00 - 5.00
7-00239	70444	Tl-208	0.406	0.0173	0.0239	1.00 - 5.00
7-00240	70445	Eu-155	0.0782 SK	0.0561	0.0237	1.00 - 5.00
7-00240	70445	Cd-113m	-5.84 U	110	32.4	1.00 - 5.00
7-00240	70445	Co-60	-0.0087 U	0.0145	0.0048	1.00 - 5.00
7-00240	70445	Cs-134	0.0004 U	0.0127	0.0042	1.00 - 5.00
7-00240	70445	Eu-152	-0.0055 U	0.0408	0.0122	1.00 - 5.00



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00240	70445	Eu-154	-0.0299 U	0.0832	0.0263	1.00 - 5.00
7-00240	70445	Ho-166m	-0.0016 U	0.0222	0.0065	1.00 - 5.00
7-00240	70445	Na-22	-0.0035 U	0.0167	0.005	1.00 - 5.00
7-00240	70445	Nb-94	0.0063 U	0.0137	0.0042	1.00 - 5.00
7-00240	70445	Np-236	-0.0035 U	0.0308	0.0095	1.00 - 5.00
7-00240	70445	Np-239	0.015 U	0.112	0.0327	1.00 - 5.00
7-00240	70445	Pa-231	-0.292 U	0.672	0.213	1.00 - 5.00
7-00240	70445	Sb-125	-0.0069 U	0.0375	0.0115	1.00 - 5.00
7-00240	70445	Sn-126	-0.0008 U	0.0146	0.0043	1.00 - 5.00
7-00240	70445	Tm-171	1.27 U	9.47	3.19	1.00 - 5.00
7-00240	70445	Ac-227	-0.116 U J	0.162	0.0559	1.00 - 5.00
7-00240	70445	Bi-212	0.774	0.115	0.0649	1.00 - 5.00
7-00240	70445	Bi-214	0.907	0.0258	0.0431	1.00 - 5.00
7-00240	70445	Cs-137	0.127	0.014	0.0094	1.00 - 5.00
7-00240	70445	K-40	20	0.105	1.09	1.00 - 5.00
7-00240	70445	Pb-212	1.31	0.0278	0.0704	1.00 - 5.00
7-00240	70445	Pb-214	1.03	0.0285	0.0475	1.00 - 5.00
7-00240	70445	Sr-90	0.161	0.213	0.07	1.00 - 5.00
7-00240	70445	Th-234	1.41	0.241	0.127	1.00 - 5.00
7-00240	70445	Tl-208	0.398	0.0137	0.0231	1.00 - 5.00
7-00241	70446	Eu-155	0.066 SK	0.0709	0.0263	1.00 - 3.50
7-00241	70446	Ac-227	-0.062 U	0.196	0.0625	1.00 - 3.50
7-00241	70446	Cd-113m	-54.4 U	131	42.9	1.00 - 3.50
7-00241	70446	Co-60	-0.0008 U	0.0176	0.0052	1.00 - 3.50
7-00241	70446	Cs-134	-0.005 U	0.014	0.0051	1.00 - 3.50
7-00241	70446	Eu-152	-0.0045 U	0.0473	0.0153	1.00 - 3.50
7-00241	70446	Ho-166m	0.0006 U	0.0275	0.0083	1.00 - 3.50
7-00241	70446	Na-22	0.0009 U	0.0202	0.006	1.00 - 3.50
7-00241	70446	Nb-94	0.0004 U	0.0151	0.0045	1.00 - 3.50
7-00241	70446	Np-236	0.0022 U	0.0384	0.0124	1.00 - 3.50
7-00241	70446	Np-239	-0.0553 U	0.131	0.0427	1.00 - 3.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00241	70446	Pa-231	0.377 U	0.832	0.268	1.00 - 3.50
7-00241	70446	Sb-125	0.0076 U	0.0458	0.0135	1.00 - 3.50
7-00241	70446	Sn-126	-0.0043 U	0.0168	0.0052	1.00 - 3.50
7-00241	70446	Tm-171	-9.62 U	15.8	5.85	1.00 - 3.50
7-00241	70446	Eu-154	-0.0124 U J	0.0918	0.0316	1.00 - 3.50
7-00241	70446	Bi-212	0.837	0.126	0.0842	1.00 - 3.50
7-00241	70446	Bi-214	0.909	0.0296	0.0439	1.00 - 3.50
7-00241	70446	Cs-137	0.0884	0.016	0.0101	1.00 - 3.50
7-00241	70446	K-40	18.7	0.138	1.01	1.00 - 3.50
7-00241	70446	Pb-212	1.26	0.0328	0.0704	1.00 - 3.50
7-00241	70446	Pb-214	1.04	0.0346	0.0484	1.00 - 3.50
7-00241	70446	Sr-90	0.719	0.338	0.147	1.00 - 3.50
7-00241	70446	Th-234	1.23	0.317	0.15	1.00 - 3.50
7-00241	70446	Tl-208	0.384	0.0169	0.0228	1.00 - 3.50
7-00242	70447	Eu-155	0.0507 SK	0.0612	0.0212	1.00 - 5.00
7-00242	70447	Ac-227	-0.0084 U	0.18	0.0552	1.00 - 5.00
7-00242	70447	Cd-113m	-38.8 U	116	38.5	1.00 - 5.00
7-00242	70447	Co-60	0.0031 U	0.016	0.0046	1.00 - 5.00
7-00242	70447	Cs-134	-0.0002 U	0.0132	0.0046	1.00 - 5.00
7-00242	70447	Eu-152	-0.0043 U	0.0444	0.0172	1.00 - 5.00
7-00242	70447	Ho-166m	0.0074 U	0.0252	0.0077	1.00 - 5.00
7-00242	70447	Na-22	-0.0083 U	0.0183	0.006	1.00 - 5.00
7-00242	70447	Nb-94	0.0056 U	0.014	0.0044	1.00 - 5.00
7-00242	70447	Np-236	-0.0106 U	0.0338	0.0107	1.00 - 5.00
7-00242	70447	Np-239	-0.0205 U	0.124	0.0382	1.00 - 5.00
7-00242	70447	Pa-231	-0.487 U	0.734	0.258	1.00 - 5.00
7-00242	70447	Sb-125	-0.0005 U	0.0401	0.0119	1.00 - 5.00
7-00242	70447	Sn-126	-0.0012 U	0.0153	0.0047	1.00 - 5.00
7-00242	70447	Tm-171	-3.36 U	10.7	3.65	1.00 - 5.00
7-00242	70447	Eu-154	-0.0315 U J	0.088	0.0276	1.00 - 5.00
7-00242	70447	Bi-212	0.824	0.119	0.0653	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00242	70447	Bi-214	0.956	0.028	0.0451	1.00 - 5.00
7-00242	70447	Cs-137	0.077	0.015	0.0072	1.00 - 5.00
7-00242	70447	K-40	20.4	0.115	1.11	1.00 - 5.00
7-00242	70447	Pb-212	1.35	0.0305	0.077	1.00 - 5.00
7-00242	70447	Pb-214	1.06	0.0319	0.0502	1.00 - 5.00
7-00242	70447	Sr-90	0.525	0.399	0.145	1.00 - 5.00
7-00242	70447	Th-234	1.45	0.266	0.135	1.00 - 5.00
7-00242	70447	Tl-208	0.405	0.0149	0.0237	1.00 - 5.00
7-00243	70408	Cd-113m	-39 U	121	39.1	1.00 - 1.80
7-00243	70408	Co-60	0.0003 U	0.0151	0.0044	1.00 - 1.80
7-00243	70408	Cs-134	0.0048 U	0.0134	0.0046	1.00 - 1.80
7-00243	70408	Cs-137	-0.0019 U	0.016	0.0048	1.00 - 1.80
7-00243	70408	Eu-155	0.0246 U	0.063	0.0192	1.00 - 1.80
7-00243	70408	Ho-166m	-0.0107 U	0.0222	0.0072	1.00 - 1.80
7-00243	70408	Na-22	-0.0078 U	0.0169	0.0054	1.00 - 1.80
7-00243	70408	Nb-94	0.0025 U	0.0135	0.004	1.00 - 1.80
7-00243	70408	Np-236	-0.0072 U	0.0337	0.0101	1.00 - 1.80
7-00243	70408	Np-239	-0.0424 U	0.121	0.0379	1.00 - 1.80
7-00243	70408	Pa-231	-0.0258 U	0.749	0.226	1.00 - 1.80
7-00243	70408	Sb-125	-0.0005 U	0.0394	0.0121	1.00 - 1.80
7-00243	70408	Sn-126	0.0006 U	0.0152	0.0045	1.00 - 1.80
7-00243	70408	Sr-90	-0.0623 U	0.339	0.0878	1.00 - 1.80
7-00243	70408	Tm-171	1.24 U	10.9	3.82	1.00 - 1.80
7-00243	70408	Ac-227	-0.149 U J	0.179	0.0657	1.00 - 1.80
7-00243	70408	Eu-152	-0.0358 U J	0.0427	0.0169	1.00 - 1.80
7-00243	70408	Eu-154	-0.0228 U J	0.087	0.0271	1.00 - 1.80
7-00243	70408	Bi-212	0.887	0.117	0.0762	1.00 - 1.80
7-00243	70408	Bi-214	0.902	0.0261	0.0437	1.00 - 1.80
7-00243	70408	K-40	19.4	0.11	1.05	1.00 - 1.80
7-00243	70408	Pb-212	1.53	0.0308	0.0972	1.00 - 1.80
7-00243	70408	Pb-214	1.04	0.031	0.0522	1.00 - 1.80

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00243	70408	Th-234	1.72	0.263	0.166	1.00 - 1.80
7-00243	70408	Tl-208	0.453	0.0144	0.0258	1.00 - 1.80
7-00244	70448	Co-60	0.0104 J	0.0166	0.0052	1.00 - 2.50
7-00244	70448	Eu-155	0.0573 SK	0.0619	0.019	1.00 - 2.50
7-00244	70448	Ac-227	-0.0625 U	0.181	0.0571	1.00 - 2.50
7-00244	70448	Cd-113m	34.1 U	120	39.4	1.00 - 2.50
7-00244	70448	Cs-134	0.0012 U	0.0132	0.0044	1.00 - 2.50
7-00244	70448	Eu-152	-0.0209 U	0.0427	0.016	1.00 - 2.50
7-00244	70448	Ho-166m	-0.0027 U	0.0236	0.007	1.00 - 2.50
7-00244	70448	Na-22	-0.0014 U	0.0176	0.0051	1.00 - 2.50
7-00244	70448	Nb-94	0.0012 U	0.0138	0.0041	1.00 - 2.50
7-00244	70448	Np-236	-0.0162 U	0.0337	0.011	1.00 - 2.50
7-00244	70448	Np-239	-0.0151 U	0.123	0.0371	1.00 - 2.50
7-00244	70448	Pa-231	0.0786 U	0.746	0.233	1.00 - 2.50
7-00244	70448	Sb-125	0.0193 U	0.0402	0.0128	1.00 - 2.50
7-00244	70448	Sn-126	-0.0082 U	0.0142	0.0048	1.00 - 2.50
7-00244	70448	Tm-171	-1.18 U	10.9	3.85	1.00 - 2.50
7-00244	70448	Eu-154	-0.0111 U J	0.0901	0.0274	1.00 - 2.50
7-00244	70448	Bi-212	0.758	0.117	0.0713	1.00 - 2.50
7-00244	70448	Bi-214	0.974	0.026	0.0461	1.00 - 2.50
7-00244	70448	Cs-137	0.0235	0.0149	0.0061	1.00 - 2.50
7-00244	70448	K-40	19.2	0.111	1.04	1.00 - 2.50
7-00244	70448	Pb-212	1.38	0.0303	0.0879	1.00 - 2.50
7-00244	70448	Pb-214	1.1	0.0312	0.0544	1.00 - 2.50
7-00244	70448	Sr-90	0.167	0.29	0.0922	1.00 - 2.50
7-00244	70448	Th-234	1.43	0.268	0.152	1.00 - 2.50
7-00244	70448	Tl-208	0.404	0.0147	0.0237	1.00 - 2.50
7-00245	70449	Sn-126	0.0113 J	0.0197	0.0063	1.00 - 2.25
7-00245	70449	Eu-155	0.0808 SK	0.0518	0.0239	1.00 - 2.25
7-00245	70449	Ac-227	-0.0175 U	0.17	0.0523	1.00 - 2.25
7-00245	70449	Cd-113m	20.7 U	116	35.6	1.00 - 2.25

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00245	70449	Co-60	-0.0023 U	0.0197	0.0057	1.00 - 2.25
7-00245	70449	Cs-134	-0.0072 U	0.015	0.0056	1.00 - 2.25
7-00245	70449	Eu-152	-0.0257 U	0.0436	0.0147	1.00 - 2.25
7-00245	70449	Ho-166m	0.0023 U	0.0297	0.0085	1.00 - 2.25
7-00245	70449	Na-22	-0.0118 U	0.0218	0.0074	1.00 - 2.25
7-00245	70449	Nb-94	0.0008 U	0.0166	0.005	1.00 - 2.25
7-00245	70449	Np-236	-0.0097 U	0.0286	0.0088	1.00 - 2.25
7-00245	70449	Np-239	-0.0769 U	0.111	0.0392	1.00 - 2.25
7-00245	70449	Pa-231	-0.185 U	0.724	0.23	1.00 - 2.25
7-00245	70449	Sb-125	0.0196 U	0.0454	0.0138	1.00 - 2.25
7-00245	70449	Tm-171	0.189 U	6.41	2.22	1.00 - 2.25
7-00245	70449	Eu-154	-0.065 U J	0.107	0.0363	1.00 - 2.25
7-00245	70449	Bi-212	0.732	0.147	0.081	1.00 - 2.25
7-00245	70449	Bi-214	0.909	0.0306	0.0453	1.00 - 2.25
7-00245	70449	Cs-137	0.0879	0.0181	0.0105	1.00 - 2.25
7-00245	70449	K-40	18.2	0.154	0.999	1.00 - 2.25
7-00245	70449	Pb-212	1.17	0.0284	0.0654	1.00 - 2.25
7-00245	70449	Pb-214	0.95	0.0327	0.0455	1.00 - 2.25
7-00245	70449	Sr-90	1.09	0.33	0.185	1.00 - 2.25
7-00245	70449	Th-234	1.21	0.21	0.113	1.00 - 2.25
7-00245	70449	Tl-208	0.38	0.0174	0.0234	1.00 - 2.25
7-00246	70328	Cs-134	0.0231 JSK	0.016	0.0072	0.00 - 0.50
7-00246	70328	Eu-155	0.05 JSK	0.066	0.0224	0.00 - 0.50
7-00246	70328	Ho-166m	0.0181 JSK	0.0277	0.009	0.00 - 0.50
7-00246	70328	Ac-227	-0.0289 U	0.187	0.057	0.00 - 0.50
7-00246	70328	Cd-113m	-51.1 U	124	45	0.00 - 0.50
7-00246	70328	Co-60	0.0051 U	0.0169	0.0049	0.00 - 0.50
7-00246	70328	Eu-152	-0.0158 U	0.0458	0.0152	0.00 - 0.50
7-00246	70328	Eu-154	-0.0253 U	0.091	0.0275	0.00 - 0.50
7-00246	70328	Na-22	0.0007 U	0.0205	0.006	0.00 - 0.50
7-00246	70328	Nb-94	-0.0018 U	0.0142	0.0043	0.00 - 0.50

**Table A.2  
Analytical Results Summary  
Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00246	70328	Np-236	-0.013 U	0.0348	0.0108	0.00 - 0.50
7-00246	70328	Np-239	-0.0105 U	0.123	0.0371	0.00 - 0.50
7-00246	70328	Pa-231	0.0184 U	0.77	0.252	0.00 - 0.50
7-00246	70328	Sb-125	0.0026 U	0.0451	0.0131	0.00 - 0.50
7-00246	70328	Sn-126	-0.0023 U	0.0165	0.005	0.00 - 0.50
7-00246	70328	Tm-171	-5.69 U	11.7	4.38	0.00 - 0.50
7-00246	70328	Cs-137	0.211	0.0187	0.0158	0.00 - 0.50
7-00246	70328	Bi-212	0.718	0.123	0.0694	0.00 - 0.50
7-00246	70328	Bi-214	0.79	0.028	0.0385	0.00 - 0.50
7-00246	70328	K-40	22.5	0.133	1.21	0.00 - 0.50
7-00246	70328	Pb-212	1.16	0.0306	0.0661	0.00 - 0.50
7-00246	70328	Pb-214	0.892	0.0332	0.0427	0.00 - 0.50
7-00246	70328	Th-234	1.03	0.279	0.137	0.00 - 0.50
7-00246	70328	Tl-208	0.355	0.0163	0.0216	0.00 - 0.50
7-00247	70329	Cs-134	0.0179 JSK	0.0162	0.0076	0.00 - 0.50
7-00247	70329	Eu-155	0.0493 JSK	0.0729	0.0248	0.00 - 0.50
7-00247	70329	Nb-94	0.0088 JSK	0.0159	0.005	0.00 - 0.50
7-00247	70329	Ac-227	-0.0368 U	0.207	0.0621	0.00 - 0.50
7-00247	70329	Cd-113m	-52.7 U	136	44.1	0.00 - 0.50
7-00247	70329	Co-60	-0.0001 U	0.0186	0.0054	0.00 - 0.50
7-00247	70329	Eu-154	-0.0188 U	0.1	0.0308	0.00 - 0.50
7-00247	70329	Ho-166m	0.013 U	0.0273	0.0083	0.00 - 0.50
7-00247	70329	Na-22	-0.0092 U	0.0216	0.0068	0.00 - 0.50
7-00247	70329	Np-236	0.0129 U	0.0388	0.0122	0.00 - 0.50
7-00247	70329	Np-239	-0.0059 U	0.141	0.0416	0.00 - 0.50
7-00247	70329	Pa-231	-0.193 U	0.863	0.262	0.00 - 0.50
7-00247	70329	Sb-125	-0.0154 U	0.0481	0.0152	0.00 - 0.50
7-00247	70329	Sn-126	-0.0033 U	0.0161	0.0048	0.00 - 0.50
7-00247	70329	Tm-171	-4.36 U	16.2	5.57	0.00 - 0.50
7-00247	70329	Eu-152	-0.0396 U J	0.0504	0.0194	0.00 - 0.50
7-00247	70329	Cs-137	0.718	0.0188	0.0403	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00247	70329	Bi-212	0.8	0.132	0.0695	0.00 - 0.50
7-00247	70329	Bi-214	0.838	0.0304	0.0404	0.00 - 0.50
7-00247	70329	K-40	20.8	0.131	1.21	0.00 - 0.50
7-00247	70329	Pb-212	1.28	0.035	0.0856	0.00 - 0.50
7-00247	70329	Pb-214	0.975	0.0366	0.0503	0.00 - 0.50
7-00247	70329	Th-234	1.66	0.319	0.193	0.00 - 0.50
7-00247	70329	Tl-208	0.389	0.0164	0.0234	0.00 - 0.50
7-00248	70451	Bi-212	0.883 J	0.22	0.224	1.00 - 5.00
7-00248	70451	Th-234	1.52 J	0.393	0.396	1.00 - 5.00
7-00248	70450	Cs-134	0.0161 JSK	0.0191	0.0073	0.00 - 0.50
7-00248	70450	Eu-155	0.0492 JSK	0.0908	0.0289	0.00 - 0.50
7-00248	70451	Eu-155	0.0511 JSK	0.076	0.0262	1.00 - 5.00
7-00248	70451	Nb-94	0.0088 JSK	0.0168	0.0053	1.00 - 5.00
7-00248	70450	Ac-227	0.0532 U	0.246	0.0746	0.00 - 0.50
7-00248	70450	Cd-113m	-46.3 U	162	55.3	0.00 - 0.50
7-00248	70450	Co-60	-0.0013 U	0.0198	0.0058	0.00 - 0.50
7-00248	70450	Eu-152	-0.0373 U	0.0596	0.0245	0.00 - 0.50
7-00248	70450	Eu-154	0.0367 U	0.114	0.0399	0.00 - 0.50
7-00248	70450	Nb-94	0.0027 U	0.0177	0.0052	0.00 - 0.50
7-00248	70450	Np-236	-0.0022 U	0.0485	0.0143	0.00 - 0.50
7-00248	70450	Np-239	0.0226 U	0.162	0.0486	0.00 - 0.50
7-00248	70450	Pa-231	-0.468 U	1.01	0.347	0.00 - 0.50
7-00248	70450	Sb-125	0.0015 U	0.0558	0.017	0.00 - 0.50
7-00248	70450	Sn-126	0.0031 U	0.0198	0.0058	0.00 - 0.50
7-00248	70450	Tm-171	-8.03 U	19.8	8.67	0.00 - 0.50
7-00248	70451	Ac-227	-0.0931 U	0.209	0.0671	1.00 - 5.00
7-00248	70451	Cd-113m	-8.33 U	142	44	1.00 - 5.00
7-00248	70451	Co-60	-0.0054 U	0.018	0.0056	1.00 - 5.00
7-00248	70451	Cs-134	-0.001 U	0.0164	0.0056	1.00 - 5.00
7-00248	70451	Cs-137	-0.0096 U	0.0187	0.0061	1.00 - 5.00
7-00248	70451	Eu-152	0.017 U	0.0515	0.017	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00248	70451	Eu-154	-0.052 U	0.105	0.0337	1.00 - 5.00
7-00248	70451	Ho-166m	0.0075 U	0.0291	0.0087	1.00 - 5.00
7-00248	70451	Na-22	0.0064 U	0.0233	0.0069	1.00 - 5.00
7-00248	70451	Np-236	-0.0005 U	0.0403	0.0125	1.00 - 5.00
7-00248	70451	Np-239	-0.0242 U	0.142	0.0428	1.00 - 5.00
7-00248	70451	Pa-231	0.0447 U	0.883	0.286	1.00 - 5.00
7-00248	70451	Sb-125	0.0231 U	0.0502	0.0159	1.00 - 5.00
7-00248	70451	Sn-126	-0.0014 U	0.0182	0.0054	1.00 - 5.00
7-00248	70451	Sr-90	-0.0288 U	0.199	0.0504	1.00 - 5.00
7-00248	70451	Tm-171	-8.71 U	15.9	5.33	1.00 - 5.00
7-00248	70450	Ho-166m	0.0118 U J	0.0324	0.0098	0.00 - 0.50
7-00248	70450	Na-22	-0.0183 U J	0.0224	0.0081	0.00 - 0.50
7-00248	70450	Cs-137	0.568	0.0203	0.0342	0.00 - 0.50
7-00248	70450	Bi-212	1.03	0.146	0.0924	0.00 - 0.50
7-00248	70450	Bi-214	1.05	0.0378	0.0504	0.00 - 0.50
7-00248	70450	K-40	21.2	0.141	1.16	0.00 - 0.50
7-00248	70450	Pb-212	1.39	0.0406	0.0808	0.00 - 0.50
7-00248	70450	Pb-214	1.12	0.0435	0.0547	0.00 - 0.50
7-00248	70450	Sr-90	0.291	0.25	0.091	0.00 - 0.50
7-00248	70450	Th-234	1.4	0.395	0.177	0.00 - 0.50
7-00248	70450	Tl-208	0.452	0.0188	0.027	0.00 - 0.50
7-00248	70451	Bi-214	0.928	0.0333	0.0483	1.00 - 5.00
7-00248	70451	K-40	18.9	0.141	1.03	1.00 - 5.00
7-00248	70451	Pb-212	1.48	0.035	0.0884	1.00 - 5.00
7-00248	70451	Pb-214	1.06	0.0361	0.051	1.00 - 5.00
7-00248	70451	Tl-208	0.438	0.018	0.027	1.00 - 5.00
7-00249	70452	Sb-125	0.0263 JSK	0.0448	0.0141	0.00 - 0.50
7-00249	70452	Ac-227	-0.0196 U	0.188	0.057	0.00 - 0.50
7-00249	70452	Cd-113m	-32.8 U	124	41.8	0.00 - 0.50
7-00249	70452	Co-60	-0.0033 U	0.017	0.0051	0.00 - 0.50
7-00249	70452	Cs-134	0.0019 U	0.0147	0.005	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00249	70452	Eu-152	0.0078 U	0.0476	0.0151	0.00 - 0.50
7-00249	70452	Eu-154	-0.051 U	0.0935	0.0306	0.00 - 0.50
7-00249	70452	Eu-155	0.0237 U	0.0675	0.0204	0.00 - 0.50
7-00249	70452	Nb-94	-0.004 U	0.0149	0.0046	0.00 - 0.50
7-00249	70452	Np-236	0.0074 U	0.0362	0.0107	0.00 - 0.50
7-00249	70452	Np-239	0.0446 U	0.127	0.0393	0.00 - 0.50
7-00249	70452	Pa-231	-0.549 U	0.781	0.294	0.00 - 0.50
7-00249	70452	Sn-126	0.0025 U	0.0171	0.0051	0.00 - 0.50
7-00249	70452	Tm-171	-6.25 U	12.4	4.64	0.00 - 0.50
7-00249	70452	Ho-166m	-0.005 U J	0.0264	0.008	0.00 - 0.50
7-00249	70452	Na-22	-0.0159 U J	0.0192	0.007	0.00 - 0.50
7-00249	70452	Bi-212	0.842	0.127	0.072	0.00 - 0.50
7-00249	70452	Bi-214	0.955	0.0291	0.0461	0.00 - 0.50
7-00249	70452	Cs-137	0.112	0.019	0.0098	0.00 - 0.50
7-00249	70452	K-40	20.1	0.124	1.09	0.00 - 0.50
7-00249	70452	Pb-212	1.26	0.0318	0.0717	0.00 - 0.50
7-00249	70452	Pb-214	0.962	0.0341	0.0453	0.00 - 0.50
7-00249	70452	Sr-90	1.27	0.167	0.163	0.00 - 0.50
7-00249	70452	Th-234	1.19	0.289	0.138	0.00 - 0.50
7-00249	70452	Tl-208	0.417	0.0166	0.0244	0.00 - 0.50
7-00250	70454	Cs-134	0.0094 JSK	0.0157	0.0055	0.00 - 0.50
7-00250	70454	Nb-94	0.0102 JSK	0.0176	0.0057	0.00 - 0.50
7-00250	70454	Sb-125	0.0296 JSK	0.0459	0.0147	0.00 - 0.50
7-00250	70455	Eu-155	0.0554 JSK	0.0615	0.0221	1.00 - 2.50
7-00250	70454	Eu-155	0.0814 SK	0.0524	0.0234	0.00 - 0.50
7-00250	70454	Ac-227	0.0124 U	0.176	0.0538	0.00 - 0.50
7-00250	70454	Cd-113m	46.8 U	116	36.7	0.00 - 0.50
7-00250	70454	Co-60	0.0072 U	0.0202	0.0058	0.00 - 0.50
7-00250	70454	Eu-152	-0.0104 U	0.0456	0.0136	0.00 - 0.50
7-00250	70454	Eu-154	-0.0609 U	0.106	0.0356	0.00 - 0.50
7-00250	70454	Ho-166m	-0.0053 U	0.0282	0.0083	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00250	70454	Na-22	-0.0066 U	0.0219	0.0069	0.00 - 0.50
7-00250	70454	Np-236	-0.0065 U	0.0292	0.0088	0.00 - 0.50
7-00250	70454	Np-239	-0.0325 U	0.112	0.0354	0.00 - 0.50
7-00250	70454	Pa-231	0.0181 U	0.73	0.224	0.00 - 0.50
7-00250	70454	Sn-126	0.0063 U	0.0195	0.0059	0.00 - 0.50
7-00250	70454	Sr-90	-0.105 U	0.291	0.0723	0.00 - 0.50
7-00250	70454	Tm-171	-0.392 U	6.45	2.24	0.00 - 0.50
7-00250	70455	Ac-227	-0.0946 U	0.171	0.0571	1.00 - 2.50
7-00250	70455	Cd-113m	40.6 U	116	40.5	1.00 - 2.50
7-00250	70455	Co-60	-0.0071 U	0.0142	0.0046	1.00 - 2.50
7-00250	70455	Cs-134	-0.0018 U	0.0126	0.0043	1.00 - 2.50
7-00250	70455	Cs-137	0.006 U	0.0158	0.0054	1.00 - 2.50
7-00250	70455	Eu-152	-0.0189 U	0.0421	0.0156	1.00 - 2.50
7-00250	70455	Eu-154	-0.053 U	0.0857	0.0297	1.00 - 2.50
7-00250	70455	Ho-166m	-0.0081 U	0.0224	0.007	1.00 - 2.50
7-00250	70455	Na-22	-0.0024 U	0.0179	0.0053	1.00 - 2.50
7-00250	70455	Nb-94	0.0044 U	0.0136	0.0041	1.00 - 2.50
7-00250	70455	Np-236	-0.0012 U	0.0327	0.0096	1.00 - 2.50
7-00250	70455	Np-239	-0.0476 U	0.118	0.0376	1.00 - 2.50
7-00250	70455	Pa-231	-0.09 U	0.725	0.221	1.00 - 2.50
7-00250	70455	Sb-125	-0.0014 U	0.0387	0.0119	1.00 - 2.50
7-00250	70455	Sn-126	-0.007 U	0.0143	0.0046	1.00 - 2.50
7-00250	70455	Sr-90	0.0153 U	0.35	0.0956	1.00 - 2.50
7-00250	70455	Tm-171	-0.669 U	10.5	3.7	1.00 - 2.50
7-00250	70454	Bi-212	0.746	0.144	0.0734	0.00 - 0.50
7-00250	70454	Bi-214	0.838	0.0319	0.0437	0.00 - 0.50
7-00250	70454	Cs-137	0.102	0.0203	0.0113	0.00 - 0.50
7-00250	70454	K-40	18.8	0.14	1.03	0.00 - 0.50
7-00250	70454	Pb-212	1.19	0.0276	0.0666	0.00 - 0.50
7-00250	70454	Pb-214	0.915	0.0329	0.044	0.00 - 0.50
7-00250	70454	Th-234	1.3	0.215	0.118	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00250	70454	Tl-208	0.375	0.0178	0.023	0.00 - 0.50
7-00250	70455	Bi-212	0.825	0.115	0.0676	1.00 - 2.50
7-00250	70455	Bi-214	0.864	0.0257	0.0418	1.00 - 2.50
7-00250	70455	K-40	20.2	0.114	1.09	1.00 - 2.50
7-00250	70455	Pb-212	1.34	0.0297	0.0853	1.00 - 2.50
7-00250	70455	Pb-214	1.02	0.0289	0.0507	1.00 - 2.50
7-00250	70455	Th-234	1.48	0.259	0.15	1.00 - 2.50
7-00250	70455	Tl-208	0.4	0.014	0.0232	1.00 - 2.50
7-00251	70456	Eu-155	0.0387 JSK	0.0663	0.022	0.00 - 0.50
7-00251	70457	Eu-155	0.0718 JSK	0.07	0.0269	1.00 - 4.00
7-00251	70457	Nb-94	0.0078 JSK	0.014	0.0043	1.00 - 4.00
7-00251	70456	Cs-134	0.025 SK	0.0127	0.0052	0.00 - 0.50
7-00251	70456	Cd-113m	4.51 U	117	35.4	0.00 - 0.50
7-00251	70456	Co-60	-0.0013 U	0.0137	0.0041	0.00 - 0.50
7-00251	70456	Eu-152	-0.0014 U	0.0427	0.0144	0.00 - 0.50
7-00251	70456	Eu-154	-0.0415 U	0.0752	0.0249	0.00 - 0.50
7-00251	70456	Ho-166m	0.0086 U	0.0223	0.0069	0.00 - 0.50
7-00251	70456	Na-22	0.0034 U	0.0168	0.005	0.00 - 0.50
7-00251	70456	Nb-94	0.0053 U	0.0132	0.0041	0.00 - 0.50
7-00251	70456	Np-236	-0.0062 U	0.0352	0.0109	0.00 - 0.50
7-00251	70456	Np-239	-0.0228 U	0.117	0.0346	0.00 - 0.50
7-00251	70456	Pa-231	-0.0834 U	0.725	0.214	0.00 - 0.50
7-00251	70456	Sb-125	0.0195 U	0.0425	0.0132	0.00 - 0.50
7-00251	70456	Sn-126	-0.0027 U	0.0137	0.0043	0.00 - 0.50
7-00251	70456	Tm-171	-10 U	13.2	5.1	0.00 - 0.50
7-00251	70457	Ac-227	-0.054 U	0.191	0.0578	1.00 - 4.00
7-00251	70457	Cd-113m	42.7 U	131	39.3	1.00 - 4.00
7-00251	70457	Co-60	0.0034 U	0.0154	0.0046	1.00 - 4.00
7-00251	70457	Cs-134	-0.0003 U	0.0142	0.005	1.00 - 4.00
7-00251	70457	Eu-152	-0.0199 U	0.0475	0.017	1.00 - 4.00
7-00251	70457	Eu-154	0.007 U	0.0827	0.0279	1.00 - 4.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00251	70457	Ho-166m	0.0003 U	0.0237	0.0068	1.00 - 4.00
7-00251	70457	Na-22	-0.0061 U	0.0174	0.0055	1.00 - 4.00
7-00251	70457	Np-236	-0.0002 U	0.0371	0.0113	1.00 - 4.00
7-00251	70457	Np-239	-0.0437 U	0.127	0.0389	1.00 - 4.00
7-00251	70457	Pa-231	-0.0521 U	0.79	0.233	1.00 - 4.00
7-00251	70457	Sb-125	-0.0041 U	0.0473	0.0142	1.00 - 4.00
7-00251	70457	Sn-126	0.002 U	0.015	0.0043	1.00 - 4.00
7-00251	70457	Tm-171	-2.42 U	12.6	4.3	1.00 - 4.00
7-00251	70456	Ac-227	-0.147 U J	0.172	0.0621	0.00 - 0.50
7-00251	70456	Cs-137	0.93	0.0155	0.0517	0.00 - 0.50
7-00251	70457	Cs-137	1.51	0.0165	0.0815	1.00 - 4.00
7-00251	70456	Bi-212	0.784	0.108	0.0713	0.00 - 0.50
7-00251	70456	Bi-214	0.88	0.0263	0.0414	0.00 - 0.50
7-00251	70456	K-40	20	0.102	1.08	0.00 - 0.50
7-00251	70456	Pb-212	1.28	0.0292	0.0715	0.00 - 0.50
7-00251	70456	Pb-214	1.01	0.0313	0.047	0.00 - 0.50
7-00251	70456	Sr-90	5.37	0.265	0.544	0.00 - 0.50
7-00251	70456	Th-234	1.5	0.29	0.151	0.00 - 0.50
7-00251	70456	Tl-208	0.391	0.0145	0.0227	0.00 - 0.50
7-00251	70457	Bi-212	0.9	0.116	0.067	1.00 - 4.00
7-00251	70457	Bi-214	0.807	0.0299	0.0403	1.00 - 4.00
7-00251	70457	K-40	20.3	0.109	1.1	1.00 - 4.00
7-00251	70457	Pb-212	1.37	0.0324	0.0778	1.00 - 4.00
7-00251	70457	Pb-214	1.01	0.0353	0.0481	1.00 - 4.00
7-00251	70457	Sr-90	9.26	0.143	0.89	1.00 - 4.00
7-00251	70457	Th-234	1.56	0.298	0.149	1.00 - 4.00
7-00251	70457	Tl-208	0.409	0.0158	0.0236	1.00 - 4.00
7-00252	70458	Eu-155	0.0612 JSK	0.0844	0.0293	0.00 - 0.50
7-00252	70459	Eu-155	0.0407 JSK	0.0746	0.0237	1.00 - 2.25
7-00252	70458	Ac-227	-0.116 U	0.23	0.0748	0.00 - 0.50
7-00252	70458	Cd-113m	-7.52 U	156	46.5	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00252	70458	Co-60	-0.0007 U	0.0213	0.0063	0.00 - 0.50
7-00252	70458	Cs-134	-0.0025 U	0.0171	0.0059	0.00 - 0.50
7-00252	70458	Eu-152	-0.0032 U	0.0545	0.0203	0.00 - 0.50
7-00252	70458	Eu-154	0.0164 U	0.111	0.0322	0.00 - 0.50
7-00252	70458	Na-22	-0.0084 U	0.0228	0.0072	0.00 - 0.50
7-00252	70458	Nb-94	0.0034 U	0.0175	0.0052	0.00 - 0.50
7-00252	70458	Np-236	-0.0018 U	0.0445	0.0137	0.00 - 0.50
7-00252	70458	Np-239	-0.004 U	0.153	0.0454	0.00 - 0.50
7-00252	70458	Pa-231	-0.218 U	0.956	0.316	0.00 - 0.50
7-00252	70458	Sb-125	0.0091 U	0.055	0.0168	0.00 - 0.50
7-00252	70458	Sn-126	0.0036 U	0.0192	0.0057	0.00 - 0.50
7-00252	70458	Tm-171	-3.76 U	18.4	6.3	0.00 - 0.50
7-00252	70459	Ac-227	0.0306 U	0.211	0.0639	1.00 - 2.25
7-00252	70459	Cd-113m	-33.6 U	138	48.8	1.00 - 2.25
7-00252	70459	Co-60	0.0027 U	0.0178	0.0052	1.00 - 2.25
7-00252	70459	Cs-134	-0.0007 U	0.0155	0.0053	1.00 - 2.25
7-00252	70459	Eu-152	-0.011 U	0.0518	0.0185	1.00 - 2.25
7-00252	70459	Eu-154	-0.0307 U	0.0996	0.0303	1.00 - 2.25
7-00252	70459	Ho-166m	-0.0071 U	0.0277	0.0085	1.00 - 2.25
7-00252	70459	Na-22	0.0014 U	0.0198	0.0067	1.00 - 2.25
7-00252	70459	Np-236	-0.0151 U	0.0396	0.0123	1.00 - 2.25
7-00252	70459	Np-239	-0.0353 U	0.141	0.0434	1.00 - 2.25
7-00252	70459	Sb-125	0.0045 U	0.0518	0.0151	1.00 - 2.25
7-00252	70459	Sn-126	0.0064 U	0.0179	0.0054	1.00 - 2.25
7-00252	70459	Tm-171	-10.1 U	13.4	5.34	1.00 - 2.25
7-00252	70458	Ho-166m	-0.0043 U J	0.0293	0.0088	0.00 - 0.50
7-00252	70459	Nb-94	0.0069 U J	0.016	0.0049	1.00 - 2.25
7-00252	70459	Pa-231	0.348 U J	0.885	0.297	1.00 - 2.25
7-00252	70458	Cs-137	0.662	0.0189	0.0406	0.00 - 0.50
7-00252	70459	Cs-137	0.991	0.0183	0.055	1.00 - 2.25
7-00252	70458	Bi-212	0.869	0.137	0.0891	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00252	70458	Bi-214	0.89	0.0367	0.0453	0.00 - 0.50
7-00252	70458	K-40	20.9	0.155	1.15	0.00 - 0.50
7-00252	70458	Pb-212	1.4	0.0383	0.0855	0.00 - 0.50
7-00252	70458	Pb-214	1.04	0.0393	0.0524	0.00 - 0.50
7-00252	70458	Sr-90	5	0.374	0.534	0.00 - 0.50
7-00252	70458	Th-234	1.51	0.37	0.182	0.00 - 0.50
7-00252	70458	Tl-208	0.401	0.0194	0.0252	0.00 - 0.50
7-00252	70459	Bi-212	0.888	0.136	0.0834	1.00 - 2.25
7-00252	70459	Bi-214	0.99	0.0325	0.0479	1.00 - 2.25
7-00252	70459	K-40	20	0.14	1.09	1.00 - 2.25
7-00252	70459	Pb-212	1.33	0.0351	0.0756	1.00 - 2.25
7-00252	70459	Pb-214	1.06	0.0382	0.0509	1.00 - 2.25
7-00252	70459	Sr-90	5.65	0.202	0.566	1.00 - 2.25
7-00252	70459	Th-234	1.45	0.317	0.167	1.00 - 2.25
7-00252	70459	Tl-208	0.407	0.0182	0.0241	1.00 - 2.25
7-00253	70461	Co-60	0.016 J	0.0188	0.0064	1.00 - 5.00
7-00253	70461	Eu-154	0.0637 J	0.0995	0.0363	1.00 - 5.00
7-00253	70460	Cs-134	0.0346 JSK	0.0197	0.0105	0.00 - 0.50
7-00253	70460	Eu-155	0.0952 SK	0.0755	0.0279	0.00 - 0.50
7-00253	70460	Ac-227	-0.0476 U	0.233	0.0711	0.00 - 0.50
7-00253	70460	Cd-113m	-54.6 U	152	51.5	0.00 - 0.50
7-00253	70460	Co-60	0.0002 U	0.0205	0.006	0.00 - 0.50
7-00253	70460	Eu-152	-0.0016 U	0.0572	0.0198	0.00 - 0.50
7-00253	70460	Eu-154	-0.0062 U	0.112	0.0324	0.00 - 0.50
7-00253	70460	Na-22	-0.005 U	0.0237	0.0072	0.00 - 0.50
7-00253	70460	Nb-94	0.0024 U	0.0173	0.0051	0.00 - 0.50
7-00253	70460	Np-236	-0.008 U	0.0421	0.0132	0.00 - 0.50
7-00253	70460	Np-239	0.0095 U	0.152	0.0452	0.00 - 0.50
7-00253	70460	Pa-231	0.22 U	0.978	0.305	0.00 - 0.50
7-00253	70460	Sb-125	-0.0001 U	0.0567	0.0174	0.00 - 0.50
7-00253	70460	Sn-126	0.0051 U	0.019	0.0057	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00253	70460	Tm-171	-1.34 U	16.6	5.68	0.00 - 0.50
7-00253	70461	Ac-227	0.0182 U	0.223	0.067	1.00 - 5.00
7-00253	70461	Cs-134	0.0024 U	0.0157	0.0053	1.00 - 5.00
7-00253	70461	Eu-152	-0.0109 U	0.0543	0.0206	1.00 - 5.00
7-00253	70461	Eu-155	0.0306 U	0.0846	0.0258	1.00 - 5.00
7-00253	70461	Ho-166m	-0.0018 U	0.0278	0.0083	1.00 - 5.00
7-00253	70461	Na-22	-0.0096 U	0.0198	0.0064	1.00 - 5.00
7-00253	70461	Nb-94	-0.0003 U	0.0157	0.0047	1.00 - 5.00
7-00253	70461	Np-236	-0.0199 U	0.045	0.0142	1.00 - 5.00
7-00253	70461	Np-239	0.0457 U	0.15	0.046	1.00 - 5.00
7-00253	70461	Pa-231	0.173 U	0.933	0.311	1.00 - 5.00
7-00253	70461	Sb-125	-0.0107 U	0.0498	0.0155	1.00 - 5.00
7-00253	70461	Sn-126	0.0012 U	0.018	0.0053	1.00 - 5.00
7-00253	70461	Tm-171	-13.1 U	18.5	7.38	1.00 - 5.00
7-00253	70460	Ho-166m	-0.0095 U J	0.0301	0.0094	0.00 - 0.50
7-00253	70461	Cd-113m	-128 U J	145	58	1.00 - 5.00
7-00253	70460	Cs-137	0.976	0.0198	0.0592	0.00 - 0.50
7-00253	70461	Cs-137	0.432	0.0203	0.0266	1.00 - 5.00
7-00253	70460	Bi-212	0.665	0.142	0.0875	0.00 - 0.50
7-00253	70460	Bi-214	0.886	0.0343	0.046	0.00 - 0.50
7-00253	70460	K-40	19.8	0.145	1.08	0.00 - 0.50
7-00253	70460	Pb-212	1.29	0.0385	0.078	0.00 - 0.50
7-00253	70460	Pb-214	0.989	0.0417	0.0491	0.00 - 0.50
7-00253	70460	Sr-90	2.35	0.279	0.285	0.00 - 0.50
7-00253	70460	Th-234	1.41	0.334	0.183	0.00 - 0.50
7-00253	70460	Tl-208	0.361	0.0188	0.0241	0.00 - 0.50
7-00253	70461	Bi-212	0.797	0.14	0.0771	1.00 - 5.00
7-00253	70461	Bi-214	0.926	0.0313	0.0459	1.00 - 5.00
7-00253	70461	K-40	18	0.13	0.983	1.00 - 5.00
7-00253	70461	Pb-212	1.34	0.0373	0.0781	1.00 - 5.00
7-00253	70461	Pb-214	1.03	0.0381	0.0499	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00253	70461	Sr-90	0.9	0.356	0.17	1.00 - 5.00
7-00253	70461	Th-234	2.07	0.373	0.195	1.00 - 5.00
7-00253	70461	Tl-208	0.436	0.0173	0.0263	1.00 - 5.00
7-00254	70462	Ac-227	-0.0593 U	0.191	0.0587	0.00 - 0.50
7-00254	70462	Cd-113m	17.6 U	129	38.3	0.00 - 0.50
7-00254	70462	Co-60	0.0038 U	0.0174	0.005	0.00 - 0.50
7-00254	70462	Cs-134	-0.008 U	0.0134	0.0051	0.00 - 0.50
7-00254	70462	Eu-152	0.0003 U	0.0474	0.0153	0.00 - 0.50
7-00254	70462	Eu-154	-0.0424 U	0.0923	0.0303	0.00 - 0.50
7-00254	70462	Eu-155	0.0223 U	0.0682	0.0214	0.00 - 0.50
7-00254	70462	Ho-166m	-0.0045 U	0.0242	0.0073	0.00 - 0.50
7-00254	70462	Na-22	-0.0083 U	0.0195	0.0062	0.00 - 0.50
7-00254	70462	Nb-94	-0.0002 U	0.0144	0.0042	0.00 - 0.50
7-00254	70462	Np-236	0.0004 U	0.0367	0.0112	0.00 - 0.50
7-00254	70462	Np-239	-0.0042 U	0.129	0.0381	0.00 - 0.50
7-00254	70462	Pa-231	-0.128 U	0.806	0.243	0.00 - 0.50
7-00254	70462	Sb-125	-0.0222 U	0.0443	0.0147	0.00 - 0.50
7-00254	70462	Sn-126	0.0012 U	0.0162	0.0047	0.00 - 0.50
7-00254	70462	Sr-90	0.0487 U	0.273	0.0785	0.00 - 0.50
7-00254	70462	Tm-171	1.35 U	14.8	4.96	0.00 - 0.50
7-00254	70462	Cs-137	0.732	0.0177	0.0406	0.00 - 0.50
7-00254	70462	Bi-212	0.629	0.119	0.0634	0.00 - 0.50
7-00254	70462	Bi-214	0.72	0.0277	0.0361	0.00 - 0.50
7-00254	70462	K-40	23.3	0.115	1.35	0.00 - 0.50
7-00254	70462	Pb-212	1.16	0.0332	0.0776	0.00 - 0.50
7-00254	70462	Pb-214	0.825	0.0344	0.0428	0.00 - 0.50
7-00254	70462	Th-234	1.28	0.292	0.16	0.00 - 0.50
7-00254	70462	Tl-208	0.351	0.0158	0.0208	0.00 - 0.50
7-00255	70463	Th-234	1.37 J	0.409	0.366	0.00 - 0.50
7-00255	70463	Nb-94	0.0102 JSK	0.016	0.0051	0.00 - 0.50
7-00255	70463	Np-236	0.0241 JSK	0.0418	0.0139	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00255	70463	Cs-134	0.0328 SK	0.0162	0.0064	0.00 - 0.50
7-00255	70463	Eu-155	0.104 SK	0.0762	0.0255	0.00 - 0.50
7-00255	70463	Ac-227	-0.0109 U	0.217	0.0671	0.00 - 0.50
7-00255	70463	Co-60	0.0033 U	0.0192	0.0056	0.00 - 0.50
7-00255	70463	Eu-152	-0.0304 U	0.0518	0.0187	0.00 - 0.50
7-00255	70463	Eu-154	0.0175 U	0.109	0.0325	0.00 - 0.50
7-00255	70463	Ho-166m	-0.0012 U	0.027	0.0079	0.00 - 0.50
7-00255	70463	Na-22	0.003 U	0.0233	0.0068	0.00 - 0.50
7-00255	70463	Np-239	-0.0094 U	0.141	0.0433	0.00 - 0.50
7-00255	70463	Pa-231	0.217 U	0.915	0.286	0.00 - 0.50
7-00255	70463	Sb-125	-0.0162 U	0.0501	0.0156	0.00 - 0.50
7-00255	70463	Sn-126	0 U	0.0173	0.0051	0.00 - 0.50
7-00255	70463	Cd-113m	-103 U J	138	49	0.00 - 0.50
7-00255	70463	Tm-171	-13.9 U J	19.5	6.7	0.00 - 0.50
7-00255	70463	Cs-137	0.725	0.0179	0.0418	0.00 - 0.50
7-00255	70463	Bi-212	0.837	0.14	0.0718	0.00 - 0.50
7-00255	70463	Bi-214	0.745	0.0322	0.0372	0.00 - 0.50
7-00255	70463	K-40	22.7	0.123	1.41	0.00 - 0.50
7-00255	70463	Pb-212	1.06	0.0365	0.0708	0.00 - 0.50
7-00255	70463	Pb-214	0.801	0.0379	0.0433	0.00 - 0.50
7-00255	70463	Sr-90	0.864	0.368	0.172	0.00 - 0.50
7-00255	70463	Tl-208	0.336	0.0171	0.0211	0.00 - 0.50
7-00256	70464	Pa-231	0.422 J	0.761	0.24	0.00 - 0.50
7-00256	70464	Cs-134	0.0136 JSK	0.0157	0.0076	0.00 - 0.50
7-00256	70464	Eu-155	0.0496 JSK	0.0626	0.022	0.00 - 0.50
7-00256	70464	Ac-227	0.0038 U	0.181	0.053	0.00 - 0.50
7-00256	70464	Cd-113m	-18.4 U	115	34.2	0.00 - 0.50
7-00256	70464	Co-60	0.005 U	0.0163	0.0049	0.00 - 0.50
7-00256	70464	Eu-152	-0.01 U	0.0438	0.0137	0.00 - 0.50
7-00256	70464	Eu-154	-0.0181 U	0.0851	0.0257	0.00 - 0.50
7-00256	70464	Ho-166m	-0.0078 U	0.023	0.007	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00256	70464	Na-22	-0.0068 U	0.0181	0.0058	0.00 - 0.50
7-00256	70464	Nb-94	-0.0007 U	0.0135	0.0039	0.00 - 0.50
7-00256	70464	Np-236	-0.0117 U	0.0328	0.0105	0.00 - 0.50
7-00256	70464	Np-239	-0.0278 U	0.115	0.0345	0.00 - 0.50
7-00256	70464	Sb-125	0.0005 U	0.0439	0.0131	0.00 - 0.50
7-00256	70464	Sn-126	-0.0073 U	0.0142	0.0046	0.00 - 0.50
7-00256	70464	Sr-90	0.0071 U	0.163	0.0439	0.00 - 0.50
7-00256	70464	Tm-171	0.555 U	11.4	3.81	0.00 - 0.50
7-00256	70464	Cs-137	0.973	0.0164	0.0534	0.00 - 0.50
7-00256	70464	Bi-212	0.604	0.107	0.0703	0.00 - 0.50
7-00256	70464	Bi-214	0.782	0.0268	0.0388	0.00 - 0.50
7-00256	70464	K-40	20.3	0.098	1.1	0.00 - 0.50
7-00256	70464	Pb-212	1.09	0.03	0.0621	0.00 - 0.50
7-00256	70464	Pb-214	0.871	0.0327	0.0424	0.00 - 0.50
7-00256	70464	Th-234	1.34	0.26	0.139	0.00 - 0.50
7-00256	70464	Tl-208	0.337	0.0148	0.0203	0.00 - 0.50
7-00257	70465	Th-234	0.868 J	0.315	0.24	0.00 - 0.50
7-00257	70466	Th-234	1.32 J	0.387	0.352	1.00 - 5.00
7-00257	70465	Eu-155	0.0437 JSK	0.0635	0.021	0.00 - 0.50
7-00257	70466	Eu-155	0.0648 JSK	0.0728	0.0267	1.00 - 5.00
7-00257	70465	Ac-227	0.0062 U	0.183	0.0552	0.00 - 0.50
7-00257	70465	Cd-113m	24.2 U	120	39.1	0.00 - 0.50
7-00257	70465	Co-60	-0.0052 U	0.0162	0.005	0.00 - 0.50
7-00257	70465	Cs-134	0.0064 U	0.0152	0.0052	0.00 - 0.50
7-00257	70465	Eu-152	0.0199 U	0.046	0.0164	0.00 - 0.50
7-00257	70465	Eu-154	-0.0325 U	0.0963	0.0295	0.00 - 0.50
7-00257	70465	Ho-166m	-0.012 U	0.0254	0.0083	0.00 - 0.50
7-00257	70465	Na-22	-0.0085 U	0.0197	0.0063	0.00 - 0.50
7-00257	70465	Nb-94	0.0003 U	0.015	0.0045	0.00 - 0.50
7-00257	70465	Np-236	-0.0004 U	0.0336	0.0099	0.00 - 0.50
7-00257	70465	Np-239	-0.0028 U	0.121	0.0364	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00257	70465	Pa-231	-0.447 U	0.755	0.256	0.00 - 0.50
7-00257	70465	Sb-125	0.0047 U	0.0438	0.0127	0.00 - 0.50
7-00257	70465	Sn-126	0.0008 U	0.0168	0.005	0.00 - 0.50
7-00257	70465	Sr-90	-0.043 U	0.168	0.0369	0.00 - 0.50
7-00257	70466	Ac-227	-0.103 U	0.195	0.0641	1.00 - 5.00
7-00257	70466	Cd-113m	-67.2 U	129	42.2	1.00 - 5.00
7-00257	70466	Co-60	0.0007 U	0.0177	0.0052	1.00 - 5.00
7-00257	70466	Cs-134	0 U	0.0149	0.0051	1.00 - 5.00
7-00257	70466	Eu-152	-0.0299 U	0.0481	0.017	1.00 - 5.00
7-00257	70466	Eu-154	-0.0296 U	0.102	0.0311	1.00 - 5.00
7-00257	70466	Ho-166m	0.0052 U	0.027	0.008	1.00 - 5.00
7-00257	70466	Na-22	-0.0081 U	0.021	0.0067	1.00 - 5.00
7-00257	70466	Nb-94	0.0012 U	0.0154	0.0046	1.00 - 5.00
7-00257	70466	Np-236	0.0018 U	0.0382	0.0118	1.00 - 5.00
7-00257	70466	Np-239	0.024 U	0.132	0.0394	1.00 - 5.00
7-00257	70466	Pa-231	-0.0066 U	0.822	0.265	1.00 - 5.00
7-00257	70466	Sb-125	-0.0221 U	0.0438	0.0147	1.00 - 5.00
7-00257	70466	Sn-126	0.0027 U	0.0173	0.0051	1.00 - 5.00
7-00257	70466	Sr-90	-0.0224 U	0.217	0.0533	1.00 - 5.00
7-00257	70465	Tm-171	-12.4 U J	11.1	4.63	0.00 - 0.50
7-00257	70466	Tm-171	-17 U J	16.2	6.47	1.00 - 5.00
7-00257	70465	Cs-137	0.447	0.0175	0.0274	0.00 - 0.50
7-00257	70465	Bi-212	0.557	0.125	0.0697	0.00 - 0.50
7-00257	70465	Bi-214	0.662	0.0306	0.0342	0.00 - 0.50
7-00257	70465	K-40	21.7	0.132	1.17	0.00 - 0.50
7-00257	70465	Pb-212	1.05	0.0309	0.0605	0.00 - 0.50
7-00257	70465	Pb-214	0.726	0.0328	0.0371	0.00 - 0.50
7-00257	70465	Tl-208	0.312	0.0165	0.0198	0.00 - 0.50
7-00257	70466	Bi-212	0.685	0.135	0.0678	1.00 - 5.00
7-00257	70466	Bi-214	0.798	0.0307	0.0418	1.00 - 5.00
7-00257	70466	Cs-137	0.0111	0.019	0.0061	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00257	70466	K-40	20.7	0.131	1.13	1.00 - 5.00
7-00257	70466	Pb-212	1.2	0.0331	0.0734	1.00 - 5.00
7-00257	70466	Pb-214	0.927	0.0341	0.0462	1.00 - 5.00
7-00257	70466	Tl-208	0.37	0.0164	0.0235	1.00 - 5.00
7-00258	70467	Cs-134	0.0103 JSK	0.0146	0.0053	0.00 - 0.50
7-00258	70467	Eu-155	0.0572 JSK	0.0649	0.0231	0.00 - 0.50
7-00258	70468	Eu-155	0.0766 SK	0.0769	0.0318	1.00 - 3.67
7-00258	70467	Ac-227	0.0262 U	0.185	0.0559	0.00 - 0.50
7-00258	70467	Cd-113m	-41.5 U	120	40.9	0.00 - 0.50
7-00258	70467	Co-60	0.0021 U	0.017	0.005	0.00 - 0.50
7-00258	70467	Eu-152	-0.0031 U	0.0442	0.0167	0.00 - 0.50
7-00258	70467	Eu-154	-0.0029 U	0.0923	0.0267	0.00 - 0.50
7-00258	70467	Ho-166m	-0.0108 U	0.0244	0.0079	0.00 - 0.50
7-00258	70467	Na-22	0.0009 U	0.0193	0.0066	0.00 - 0.50
7-00258	70467	Nb-94	-0.0026 U	0.0144	0.0044	0.00 - 0.50
7-00258	70467	Np-236	0.003 U	0.0345	0.0102	0.00 - 0.50
7-00258	70467	Np-239	0.0111 U	0.122	0.0368	0.00 - 0.50
7-00258	70467	Pa-231	-0.0433 U	0.757	0.23	0.00 - 0.50
7-00258	70467	Sb-125	0.0108 U	0.0409	0.012	0.00 - 0.50
7-00258	70467	Sn-126	-0.0065 U	0.016	0.0051	0.00 - 0.50
7-00258	70467	Tm-171	-3.34 U	11.7	4.19	0.00 - 0.50
7-00258	70468	Ac-227	-0.0499 U	0.218	0.0664	1.00 - 3.67
7-00258	70468	Cd-113m	21.2 U	144	43.1	1.00 - 3.67
7-00258	70468	Co-60	-0.0048 U	0.0184	0.0057	1.00 - 3.67
7-00258	70468	Cs-134	-0.0046 U	0.0159	0.0056	1.00 - 3.67
7-00258	70468	Eu-152	-0.0009 U	0.0525	0.0181	1.00 - 3.67
7-00258	70468	Eu-154	-0.0391 U	0.102	0.0317	1.00 - 3.67
7-00258	70468	Ho-166m	-0.004 U	0.0287	0.0086	1.00 - 3.67
7-00258	70468	Na-22	-0.0026 U	0.0224	0.0067	1.00 - 3.67
7-00258	70468	Nb-94	0.0044 U	0.0174	0.0052	1.00 - 3.67
7-00258	70468	Np-236	0.0068 U	0.043	0.0133	1.00 - 3.67

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00258	70468	Np-239	0.0192 U	0.148	0.044	1.00 - 3.67
7-00258	70468	Pa-231	0.163 U	0.908	0.294	1.00 - 3.67
7-00258	70468	Sb-125	0.0165 U	0.0501	0.0155	1.00 - 3.67
7-00258	70468	Sn-126	-0.0004 U	0.0183	0.0054	1.00 - 3.67
7-00258	70468	Tm-171	-2.32 U	18.4	6.26	1.00 - 3.67
7-00258	70468	Cs-137	-0.018 U J	0.0182	0.0071	1.00 - 3.67
7-00258	70467	Bi-212	0.851	0.118	0.0698	0.00 - 0.50
7-00258	70467	Bi-214	0.814	0.0291	0.0403	0.00 - 0.50
7-00258	70467	Cs-137	0.108	0.0171	0.0104	0.00 - 0.50
7-00258	70467	K-40	20	0.119	1.08	0.00 - 0.50
7-00258	70467	Pb-212	1.23	0.03	0.0702	0.00 - 0.50
7-00258	70467	Pb-214	0.93	0.0319	0.0444	0.00 - 0.50
7-00258	70467	Sr-90	0.502	0.296	0.118	0.00 - 0.50
7-00258	70467	Th-234	1.4	0.276	0.154	0.00 - 0.50
7-00258	70467	Tl-208	0.382	0.0155	0.0221	0.00 - 0.50
7-00258	70468	Bi-212	0.856	0.147	0.0866	1.00 - 3.67
7-00258	70468	Bi-214	1.13	0.0327	0.0557	1.00 - 3.67
7-00258	70468	K-40	18.8	0.156	1.04	1.00 - 3.67
7-00258	70468	Pb-212	1.43	0.0369	0.0871	1.00 - 3.67
7-00258	70468	Pb-214	1.23	0.0385	0.0601	1.00 - 3.67
7-00258	70468	Sr-90	0.268	0.387	0.124	1.00 - 3.67
7-00258	70468	Th-234	1.85	0.35	0.2	1.00 - 3.67
7-00258	70468	Tl-208	0.436	0.0176	0.0267	1.00 - 3.67
7-00259	70475	Sr-90	0.251	0.153	0.0651	0.00 - 0.50
7-00260	70476	Sr-90	0.0968 U	0.302	0.0896	0.00 - 0.50
7-00261	70477	Sr-90	0.25	0.272	0.0925	0.00 - 0.50
7-00262	70478	Sr-90	0.22	0.222	0.0776	0.00 - 0.50
7-00263	70399	Cs-134	0.0107 JSK	0.0134	0.0051	1.00 - 1.65
7-00263	70398	Eu-155	0.0981 SK	0.0619	0.0249	0.00 - 0.50
7-00263	70399	Eu-155	0.0584 SK	0.0618	0.0228	1.00 - 1.65
7-00263	70398	Ac-227	0.0546 U	0.195	0.0594	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00263	70398	Cd-113m	40.4 U	131	40	0.00 - 0.50
7-00263	70398	Co-60	0.0019 U	0.0166	0.0048	0.00 - 0.50
7-00263	70398	Cs-134	0.0033 U	0.0143	0.0048	0.00 - 0.50
7-00263	70398	Eu-152	-0.0012 U	0.0484	0.0181	0.00 - 0.50
7-00263	70398	Ho-166m	-0.0151 U	0.0228	0.0079	0.00 - 0.50
7-00263	70398	Na-22	-0.0026 U	0.0186	0.0055	0.00 - 0.50
7-00263	70398	Nb-94	0.0056 U	0.0147	0.0045	0.00 - 0.50
7-00263	70398	Np-236	-0.0013 U	0.0348	0.011	0.00 - 0.50
7-00263	70398	Np-239	0.0225 U	0.132	0.0396	0.00 - 0.50
7-00263	70398	Pa-231	-0.522 U	0.788	0.282	0.00 - 0.50
7-00263	70398	Sb-125	0.0013 U	0.0465	0.0142	0.00 - 0.50
7-00263	70398	Sn-126	-0.0047 U	0.0152	0.0047	0.00 - 0.50
7-00263	70398	Sr-90	-0.001 U	0.163	0.0432	0.00 - 0.50
7-00263	70399	Ac-227	0.081 U	0.167	0.0518	1.00 - 1.65
7-00263	70399	Cd-113m	-39.3 U	108	34.3	1.00 - 1.65
7-00263	70399	Co-60	-0.0056 U	0.014	0.0045	1.00 - 1.65
7-00263	70399	Eu-152	0.0083 U	0.0409	0.0125	1.00 - 1.65
7-00263	70399	Eu-154	-0.0402 U	0.0831	0.0269	1.00 - 1.65
7-00263	70399	Ho-166m	0.0045 U	0.0222	0.0067	1.00 - 1.65
7-00263	70399	Na-22	-0.0036 U	0.0163	0.005	1.00 - 1.65
7-00263	70399	Nb-94	-0.004 U	0.0127	0.004	1.00 - 1.65
7-00263	70399	Np-239	0.0348 U	0.114	0.0339	1.00 - 1.65
7-00263	70399	Pa-231	0.219 U	0.696	0.223	1.00 - 1.65
7-00263	70399	Sb-125	-0.0081 U	0.0378	0.0115	1.00 - 1.65
7-00263	70399	Sn-126	-0.0057 U	0.0141	0.0046	1.00 - 1.65
7-00263	70399	Sr-90	0.202 U	0.368	0.115	1.00 - 1.65
7-00263	70399	Tm-171	-3.72 U	12.8	4.45	1.00 - 1.65
7-00263	70398	Eu-154	-0.0954 U J	0.0822	0.0354	0.00 - 0.50
7-00263	70398	Tm-171	-10.4 U J	10.9	4.65	0.00 - 0.50
7-00263	70399	Np-236	-0.0244 U J	0.0334	0.0119	1.00 - 1.65
7-00263	70398	Cs-137	0.984	0.0153	0.0551	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00263	70398	Bi-212	0.792	0.121	0.0651	0.00 - 0.50
7-00263	70398	Bi-214	0.803	0.0296	0.0398	0.00 - 0.50
7-00263	70398	K-40	22.6	0.123	1.22	0.00 - 0.50
7-00263	70398	Pb-212	1.16	0.0365	0.0751	0.00 - 0.50
7-00263	70398	Pb-214	0.899	0.0338	0.0461	0.00 - 0.50
7-00263	70398	Th-234	1.27	0.268	0.141	0.00 - 0.50
7-00263	70398	Tl-208	0.378	0.0151	0.0226	0.00 - 0.50
7-00263	70399	Bi-212	0.88	0.106	0.0723	1.00 - 1.65
7-00263	70399	Bi-214	0.758	0.0266	0.0371	1.00 - 1.65
7-00263	70399	Cs-137	0.111	0.0155	0.0099	1.00 - 1.65
7-00263	70399	K-40	22.5	0.103	1.21	1.00 - 1.65
7-00263	70399	Pb-212	1.25	0.0282	0.0697	1.00 - 1.65
7-00263	70399	Pb-214	0.857	0.0284	0.0414	1.00 - 1.65
7-00263	70399	Th-234	1.34	0.279	0.136	1.00 - 1.65
7-00263	70399	Tl-208	0.388	0.0134	0.0225	1.00 - 1.65
7-00264	70374	Sb-125	0.0281 JSK	0.051	0.0165	0.00 - 0.50
7-00264	70374	Eu-155	0.082 SK	0.0747	0.0276	0.00 - 0.50
7-00264	70374	Ac-227	-0.035 U	0.226	0.0684	0.00 - 0.50
7-00264	70374	Cd-113m	-80.5 U	145	48.1	0.00 - 0.50
7-00264	70374	Co-60	0.0015 U	0.0205	0.006	0.00 - 0.50
7-00264	70374	Cs-134	0.0032 U	0.0165	0.0056	0.00 - 0.50
7-00264	70374	Eu-152	-0.0017 U	0.0542	0.0188	0.00 - 0.50
7-00264	70374	Eu-154	-0.0532 U	0.11	0.0353	0.00 - 0.50
7-00264	70374	Ho-166m	-0.0046 U	0.0302	0.0091	0.00 - 0.50
7-00264	70374	Na-22	-0.0089 U	0.0237	0.0075	0.00 - 0.50
7-00264	70374	Nb-94	0.0018 U	0.0174	0.0052	0.00 - 0.50
7-00264	70374	Np-236	-0.0031 U	0.0411	0.0128	0.00 - 0.50
7-00264	70374	Np-239	0.0123 U	0.149	0.0443	0.00 - 0.50
7-00264	70374	Pa-231	0.189 U	0.926	0.301	0.00 - 0.50
7-00264	70374	Sn-126	0.0059 U	0.0199	0.006	0.00 - 0.50
7-00264	70374	Tm-171	4.69 U	16.7	5.74	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00264	70374	Bi-212	0.833	0.14	0.0917	0.00 - 0.50
7-00264	70374	Bi-214	1.04	0.034	0.0519	0.00 - 0.50
7-00264	70374	Cs-137	0.0557	0.0205	0.0135	0.00 - 0.50
7-00264	70374	K-40	21.3	0.162	1.16	0.00 - 0.50
7-00264	70374	Pb-212	1.41	0.0376	0.0847	0.00 - 0.50
7-00264	70374	Pb-214	1.13	0.0386	0.0543	0.00 - 0.50
7-00264	70374	Th-234	1.49	0.335	0.176	0.00 - 0.50
7-00264	70374	Tl-208	0.407	0.0187	0.0257	0.00 - 0.50
7-00265	70375	Eu-155	0.0923 SK	0.0688	0.0291	0.00 - 0.50
7-00265	70375	Ac-227	-0.0794 U	0.194	0.0632	0.00 - 0.50
7-00265	70375	Cd-113m	-39.6 U	128	44.4	0.00 - 0.50
7-00265	70375	Co-60	-0.0026 U	0.0168	0.0051	0.00 - 0.50
7-00265	70375	Cs-134	0.0021 U	0.0146	0.005	0.00 - 0.50
7-00265	70375	Eu-152	0.002 U	0.0471	0.0168	0.00 - 0.50
7-00265	70375	Eu-154	-0.0077 U	0.101	0.0297	0.00 - 0.50
7-00265	70375	Ho-166m	0.0014 U	0.0266	0.008	0.00 - 0.50
7-00265	70375	Na-22	-0.0079 U	0.0198	0.0063	0.00 - 0.50
7-00265	70375	Nb-94	0.0064 U	0.0158	0.0049	0.00 - 0.50
7-00265	70375	Np-236	-0.0098 U	0.0384	0.0134	0.00 - 0.50
7-00265	70375	Pa-231	-0.26 U	0.8	0.266	0.00 - 0.50
7-00265	70375	Sb-125	0.0151 U	0.0452	0.0136	0.00 - 0.50
7-00265	70375	Sn-126	-0.0033 U	0.0164	0.0051	0.00 - 0.50
7-00265	70375	Np-239	-0.138 U J	0.127	0.0518	0.00 - 0.50
7-00265	70375	Tm-171	-12.3 U J	15.2	5.98	0.00 - 0.50
7-00265	70375	Bi-212	0.673	0.13	0.0701	0.00 - 0.50
7-00265	70375	Bi-214	0.947	0.03	0.0464	0.00 - 0.50
7-00265	70375	Cs-137	0.172	0.018	0.013	0.00 - 0.50
7-00265	70375	K-40	19.4	0.126	1.05	0.00 - 0.50
7-00265	70375	Pb-212	1.21	0.0321	0.0677	0.00 - 0.50
7-00265	70375	Pb-214	1.06	0.0341	0.0492	0.00 - 0.50
7-00265	70375	Th-234	1.52	0.311	0.153	0.00 - 0.50



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00265	70375	Tl-208	0.378	0.0164	0.0223	0.00 - 0.50
7-00266	70376	Co-60	0.0075 J	0.0149	0.0044	0.00 - 0.50
7-00266	70377	Co-60	0.0114 J	0.0198	0.0062	1.00 - 3.00
7-00266	70376	Eu-155	0.0391 JSK	0.0518	0.0176	0.00 - 0.50
7-00266	70376	Nb-94	0.0082 JSK	0.0127	0.004	0.00 - 0.50
7-00266	70377	Eu-155	0.0749 JSK	0.0778	0.0294	1.00 - 3.00
7-00266	70376	Ac-227	-0.0385 U	0.145	0.0461	0.00 - 0.50
7-00266	70376	Cd-113m	-17.6 U	96.9	30.5	0.00 - 0.50
7-00266	70376	Cs-134	0.0044 U	0.0121	0.0042	0.00 - 0.50
7-00266	70376	Eu-152	-0.0125 U	0.0367	0.0113	0.00 - 0.50
7-00266	70376	Eu-154	-0.0213 U	0.0793	0.0244	0.00 - 0.50
7-00266	70376	Ho-166m	-0.0074 U	0.0201	0.0062	0.00 - 0.50
7-00266	70376	Na-22	-0.0028 U	0.0169	0.005	0.00 - 0.50
7-00266	70376	Np-236	-0.0118 U	0.027	0.0086	0.00 - 0.50
7-00266	70376	Np-239	0.0296 U	0.101	0.0313	0.00 - 0.50
7-00266	70376	Pa-231	0.268 U	0.625	0.2	0.00 - 0.50
7-00266	70376	Sb-125	-0.0097 U	0.0334	0.0102	0.00 - 0.50
7-00266	70376	Sn-126	0.0011 U	0.0135	0.0039	0.00 - 0.50
7-00266	70376	Tm-171	-3.57 U	9.77	3.29	0.00 - 0.50
7-00266	70377	Ac-227	0.0433 U	0.212	0.0634	1.00 - 3.00
7-00266	70377	Cd-113m	36.4 U	140	43.6	1.00 - 3.00
7-00266	70377	Cs-134	-0.0025 U	0.0149	0.0052	1.00 - 3.00
7-00266	70377	Cs-137	-0.0045 U	0.0172	0.0061	1.00 - 3.00
7-00266	70377	Eu-154	0.0054 U	0.105	0.0305	1.00 - 3.00
7-00266	70377	Ho-166m	-0.003 U	0.0277	0.0083	1.00 - 3.00
7-00266	70377	Na-22	-0.0022 U	0.0228	0.0068	1.00 - 3.00
7-00266	70377	Nb-94	0.0064 U	0.0162	0.005	1.00 - 3.00
7-00266	70377	Np-236	-0.0052 U	0.041	0.0127	1.00 - 3.00
7-00266	70377	Np-239	-0.0008 U	0.143	0.0423	1.00 - 3.00
7-00266	70377	Pa-231	-0.496 U	0.845	0.293	1.00 - 3.00
7-00266	70377	Sb-125	-0.0162 U	0.045	0.0145	1.00 - 3.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00266	70377	Sn-126	0.0023 U	0.0184	0.0055	1.00 - 3.00
7-00266	70377	Tm-171	-7.07 U	17.1	6.05	1.00 - 3.00
7-00266	70377	Eu-152	-0.0411 U J	0.0502	0.0196	1.00 - 3.00
7-00266	70376	Bi-212	0.551	0.105	0.0558	0.00 - 0.50
7-00266	70376	Bi-214	0.532	0.024	0.0276	0.00 - 0.50
7-00266	70376	Cs-137	0.0219	0.0134	0.0057	0.00 - 0.50
7-00266	70376	K-40	20.8	0.101	1.12	0.00 - 0.50
7-00266	70376	Pb-212	0.884	0.025	0.0511	0.00 - 0.50
7-00266	70376	Pb-214	0.578	0.0266	0.0296	0.00 - 0.50
7-00266	70376	Th-234	0.878	0.219	0.106	0.00 - 0.50
7-00266	70376	Tl-208	0.282	0.0131	0.0172	0.00 - 0.50
7-00266	70377	Bi-212	0.887	0.138	0.083	1.00 - 3.00
7-00266	70377	Bi-214	0.979	0.0315	0.0488	1.00 - 3.00
7-00266	70377	K-40	22.3	0.143	1.22	1.00 - 3.00
7-00266	70377	Pb-212	1.4	0.0348	0.0849	1.00 - 3.00
7-00266	70377	Pb-214	1.08	0.0367	0.0532	1.00 - 3.00
7-00266	70377	Th-234	1.47	0.337	0.178	1.00 - 3.00
7-00266	70377	Tl-208	0.444	0.0167	0.027	1.00 - 3.00
7-00267	70400	Eu-155	0.068 JSK	0.071	0.0268	0.00 - 0.50
7-00267	70400	Nb-94	0.0076 JSK	0.0146	0.0045	0.00 - 0.50
7-00267	70401	Cs-134	0.0071 JSK	0.0127	0.0045	1.00 - 1.75
7-00267	70401	Eu-155	0.0479 JSK	0.0597	0.0207	1.00 - 1.75
7-00267	70400	Ac-227	-0.018 U	0.196	0.0582	0.00 - 0.50
7-00267	70400	Cd-113m	-26 U	132	39.9	0.00 - 0.50
7-00267	70400	Co-60	-0.0011 U	0.0166	0.0048	0.00 - 0.50
7-00267	70400	Cs-134	0 U	0.0145	0.0049	0.00 - 0.50
7-00267	70400	Eu-152	-0.0271 U	0.0477	0.016	0.00 - 0.50
7-00267	70400	Ho-166m	-0.0152 U	0.0239	0.0081	0.00 - 0.50
7-00267	70400	Na-22	-0.0054 U	0.0202	0.0061	0.00 - 0.50
7-00267	70400	Np-236	0.0026 U	0.0377	0.0116	0.00 - 0.50
7-00267	70400	Np-239	0.0476 U	0.133	0.0405	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00267	70400	Sb-125	0.0144 U	0.046	0.0142	0.00 - 0.50
7-00267	70400	Sn-126	0.0071 U	0.0166	0.005	0.00 - 0.50
7-00267	70400	Sr-90	0.0367 U	0.248	0.0711	0.00 - 0.50
7-00267	70401	Ac-227	-0.11 U	0.17	0.0584	1.00 - 1.75
7-00267	70401	Cd-113m	14.4 U	115	35.9	1.00 - 1.75
7-00267	70401	Co-60	-0.0037 U	0.0148	0.0045	1.00 - 1.75
7-00267	70401	Eu-152	-0.0117 U	0.0413	0.0148	1.00 - 1.75
7-00267	70401	Eu-154	-0.033 U	0.0841	0.0271	1.00 - 1.75
7-00267	70401	Ho-166m	-0.0053 U	0.0215	0.0066	1.00 - 1.75
7-00267	70401	Na-22	0.0079 U	0.0179	0.0061	1.00 - 1.75
7-00267	70401	Np-236	-0.0128 U	0.0316	0.0098	1.00 - 1.75
7-00267	70401	Np-239	0.0127 U	0.118	0.0354	1.00 - 1.75
7-00267	70401	Sb-125	0.0062 U	0.0389	0.0119	1.00 - 1.75
7-00267	70401	Sn-126	-0.0004 U	0.0145	0.0043	1.00 - 1.75
7-00267	70401	Sr-90	0.0812 U	0.256	0.0761	1.00 - 1.75
7-00267	70401	Tm-171	-4.04 U	10.1	3.7	1.00 - 1.75
7-00267	70400	Eu-154	-0.0839 U J	0.0901	0.035	0.00 - 0.50
7-00267	70400	Pa-231	0.172 U J	0.833	0.249	0.00 - 0.50
7-00267	70400	Tm-171	-15.8 U J	15.4	6.54	0.00 - 0.50
7-00267	70401	Nb-94	0.0008 U J	0.0126	0.0037	1.00 - 1.75
7-00267	70401	Pa-231	0.0129 U J	0.711	0.214	1.00 - 1.75
7-00267	70400	Cs-137	0.652	0.0171	0.0363	0.00 - 0.50
7-00267	70400	Bi-212	0.913	0.118	0.0794	0.00 - 0.50
7-00267	70400	Bi-214	0.908	0.0294	0.0432	0.00 - 0.50
7-00267	70400	K-40	21.2	0.123	1.24	0.00 - 0.50
7-00267	70400	Pb-212	1.36	0.0333	0.091	0.00 - 0.50
7-00267	70400	Pb-214	1.05	0.0355	0.0521	0.00 - 0.50
7-00267	70400	Th-234	1.48	0.3	0.18	0.00 - 0.50
7-00267	70400	Tl-208	0.379	0.0161	0.0222	0.00 - 0.50
7-00267	70401	Bi-212	0.785	0.11	0.0686	1.00 - 1.75
7-00267	70401	Bi-214	0.868	0.0262	0.0419	1.00 - 1.75

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00267	70401	Cs-137	0.114	0.0169	0.0102	1.00 - 1.75
7-00267	70401	K-40	20.6	0.111	1.11	1.00 - 1.75
7-00267	70401	Pb-212	1.25	0.0294	0.0794	1.00 - 1.75
7-00267	70401	Pb-214	0.994	0.0289	0.0496	1.00 - 1.75
7-00267	70401	Th-234	1.19	0.252	0.13	1.00 - 1.75
7-00267	70401	Tl-208	0.38	0.0141	0.0217	1.00 - 1.75
7-00268	70379	Th-234	1.53 J	0.4	0.401	1.00 - 3.25
7-00268	70378	Eu-155	0.0558 JSK	0.0693	0.0247	0.00 - 0.50
7-00268	70378	Nb-94	0.0072 JSK	0.0144	0.0044	0.00 - 0.50
7-00268	70379	Eu-155	0.0585 JSK	0.0763	0.0271	1.00 - 3.25
7-00268	70378	Ac-227	-0.115 U	0.191	0.0636	0.00 - 0.50
7-00268	70378	Cd-113m	17.2 U	130	38.5	0.00 - 0.50
7-00268	70378	Co-60	-0.0074 U	0.0169	0.0054	0.00 - 0.50
7-00268	70378	Cs-134	0.0001 U	0.0136	0.0046	0.00 - 0.50
7-00268	70378	Eu-152	-0.0156 U	0.047	0.0147	0.00 - 0.50
7-00268	70378	Ho-166m	-0.0136 U	0.0227	0.0076	0.00 - 0.50
7-00268	70378	Na-22	-0.0128 U	0.0197	0.0067	0.00 - 0.50
7-00268	70378	Np-236	0.0002 U	0.0367	0.0113	0.00 - 0.50
7-00268	70378	Np-239	0.0394 U	0.129	0.0387	0.00 - 0.50
7-00268	70378	Pa-231	-0.335 U	0.797	0.261	0.00 - 0.50
7-00268	70378	Sb-125	0.0189 U	0.0454	0.0142	0.00 - 0.50
7-00268	70378	Sn-126	-0.0029 U	0.0155	0.0046	0.00 - 0.50
7-00268	70378	Tm-171	-6.95 U	15.1	5.41	0.00 - 0.50
7-00268	70379	Ac-227	0.0145 U	0.203	0.0602	1.00 - 3.25
7-00268	70379	Cd-113m	-15 U	132	45	1.00 - 3.25
7-00268	70379	Co-60	0.005 U	0.018	0.0052	1.00 - 3.25
7-00268	70379	Cs-134	0.0034 U	0.0146	0.0048	1.00 - 3.25
7-00268	70379	Eu-152	0.0057 U	0.049	0.0158	1.00 - 3.25
7-00268	70379	Eu-154	-0.0547 U	0.0937	0.0319	1.00 - 3.25
7-00268	70379	Ho-166m	-0.0053 U	0.026	0.0078	1.00 - 3.25
7-00268	70379	Nb-94	0.0038 U	0.0157	0.0046	1.00 - 3.25

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00268	70379	Np-236	0.0035 U	0.0397	0.0123	1.00 - 3.25
7-00268	70379	Np-239	0.0009 U	0.136	0.0402	1.00 - 3.25
7-00268	70379	Pa-231	-0.161 U	0.833	0.253	1.00 - 3.25
7-00268	70379	Sb-125	0.0045 U	0.0448	0.0135	1.00 - 3.25
7-00268	70379	Sn-126	0.0014 U	0.0169	0.0049	1.00 - 3.25
7-00268	70379	Tm-171	-3.31 U	18.4	5.68	1.00 - 3.25
7-00268	70378	Eu-154	-0.0679 U J	0.0881	0.0322	0.00 - 0.50
7-00268	70379	Na-22	-0.0177 U J	0.0209	0.0077	1.00 - 3.25
7-00268	70378	Cs-137	0.655	0.0175	0.0364	0.00 - 0.50
7-00268	70378	Bi-212	0.753	0.119	0.0655	0.00 - 0.50
7-00268	70378	Bi-214	0.805	0.0283	0.0391	0.00 - 0.50
7-00268	70378	K-40	22.6	0.117	1.31	0.00 - 0.50
7-00268	70378	Pb-212	1.2	0.0332	0.0803	0.00 - 0.50
7-00268	70378	Pb-214	0.92	0.0345	0.0466	0.00 - 0.50
7-00268	70378	Th-234	1.39	0.295	0.165	0.00 - 0.50
7-00268	70378	Tl-208	0.357	0.015	0.0217	0.00 - 0.50
7-00268	70379	Bi-212	0.693	0.129	0.0786	1.00 - 3.25
7-00268	70379	Bi-214	0.754	0.0295	0.0413	1.00 - 3.25
7-00268	70379	Cs-137	0.0832	0.0182	0.0093	1.00 - 3.25
7-00268	70379	K-40	22.3	0.137	1.29	1.00 - 3.25
7-00268	70379	Pb-212	1.24	0.035	0.0864	1.00 - 3.25
7-00268	70379	Pb-214	0.913	0.0342	0.0474	1.00 - 3.25
7-00268	70379	Tl-208	0.357	0.0169	0.0221	1.00 - 3.25
7-00269	70381	Co-60	0.0094 J	0.018	0.0056	1.00 - 1.50
7-00269	70381	Sn-126	0.0094 J	0.0173	0.0055	1.00 - 1.50
7-00269	70380	Sb-125	0.0302 JSK	0.0488	0.0161	0.00 - 0.50
7-00269	70381	Eu-155	0.0871 JSK	0.0711	0.0292	1.00 - 1.50
7-00269	70381	Nb-94	0.0106 JSK	0.0158	0.0052	1.00 - 1.50
7-00269	70380	Eu-155	0.0568 SK	0.0717	0.0261	0.00 - 0.50
7-00269	70380	Ac-227	-0.0687 U	0.204	0.0635	0.00 - 0.50
7-00269	70380	Cd-113m	-23.7 U	137	41.3	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00269	70380	Co-60	-0.0058 U	0.0183	0.0057	0.00 - 0.50
7-00269	70380	Cs-134	-0.0019 U	0.015	0.0051	0.00 - 0.50
7-00269	70380	Eu-152	-0.032 U	0.0508	0.018	0.00 - 0.50
7-00269	70380	Eu-154	-0.0523 U	0.101	0.0328	0.00 - 0.50
7-00269	70380	Ho-166m	0.0049 U	0.0261	0.0077	0.00 - 0.50
7-00269	70380	Na-22	0.0061 U	0.0221	0.0066	0.00 - 0.50
7-00269	70380	Nb-94	0.0026 U	0.0155	0.0046	0.00 - 0.50
7-00269	70380	Np-236	-0.0078 U	0.0388	0.0122	0.00 - 0.50
7-00269	70380	Np-239	-0.0104 U	0.136	0.0404	0.00 - 0.50
7-00269	70380	Pa-231	-0.241 U	0.825	0.256	0.00 - 0.50
7-00269	70380	Sn-126	-0.0022 U	0.0168	0.0051	0.00 - 0.50
7-00269	70380	Tm-171	-7.16 U	16.2	5.77	0.00 - 0.50
7-00269	70381	Ac-227	-0.0501 U	0.19	0.0601	1.00 - 1.50
7-00269	70381	Cd-113m	-51.4 U	128	43	1.00 - 1.50
7-00269	70381	Cs-134	0.0043 U	0.0148	0.0051	1.00 - 1.50
7-00269	70381	Eu-152	-0.0056 U	0.0478	0.0163	1.00 - 1.50
7-00269	70381	Eu-154	-0.0129 U	0.0958	0.0284	1.00 - 1.50
7-00269	70381	Ho-166m	-0.0149 U	0.0262	0.0089	1.00 - 1.50
7-00269	70381	Na-22	-0.0131 U	0.0202	0.007	1.00 - 1.50
7-00269	70381	Np-236	-0.0007 U	0.0375	0.0112	1.00 - 1.50
7-00269	70381	Np-239	-0.0017 U	0.126	0.0387	1.00 - 1.50
7-00269	70381	Pa-231	-0.206 U	0.802	0.254	1.00 - 1.50
7-00269	70381	Sb-125	0.0183 U	0.0462	0.0141	1.00 - 1.50
7-00269	70381	Tm-171	-5.59 U	15.3	5.36	1.00 - 1.50
7-00269	70380	Cs-137	0.824	0.0168	0.0496	0.00 - 0.50
7-00269	70381	Cs-137	0.219	0.0164	0.0152	1.00 - 1.50
7-00269	70380	Bi-212	0.65	0.126	0.0724	0.00 - 0.50
7-00269	70380	Bi-214	0.771	0.0307	0.0396	0.00 - 0.50
7-00269	70380	K-40	21.1	0.125	1.15	0.00 - 0.50
7-00269	70380	Pb-212	1.13	0.0349	0.0694	0.00 - 0.50
7-00269	70380	Pb-214	0.83	0.0381	0.0427	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00269	70380	Th-234	1.26	0.292	0.154	0.00 - 0.50
7-00269	70380	Tl-208	0.361	0.0167	0.0225	0.00 - 0.50
7-00269	70381	Bi-212	0.684	0.131	0.0728	1.00 - 1.50
7-00269	70381	Bi-214	0.82	0.0302	0.0413	1.00 - 1.50
7-00269	70381	K-40	21.2	0.121	1.14	1.00 - 1.50
7-00269	70381	Pb-212	1.18	0.0319	0.066	1.00 - 1.50
7-00269	70381	Pb-214	0.879	0.0344	0.0424	1.00 - 1.50
7-00269	70381	Th-234	1.35	0.306	0.147	1.00 - 1.50
7-00269	70381	Tl-208	0.346	0.0168	0.0206	1.00 - 1.50
7-00270	70386	Bi-212	0.763 J	0.201	0.194	0.00 - 0.50
7-00270	70387	Np-237	0.0073 J	0.0168	0.0058	1.00 - 5.00
7-00270	70386	Eu-155	0.0619 JSK	0.0722	0.026	0.00 - 0.50
7-00270	70386	Ac-227	-0.0164 U	0.201	0.0593	0.00 - 0.50
7-00270	70386	Cd-113m	-96.3 U	136	48.9	0.00 - 0.50
7-00270	70386	Co-60	-0.0027 U	0.018	0.0054	0.00 - 0.50
7-00270	70386	Cs-134	-0.0068 U	0.0156	0.0058	0.00 - 0.50
7-00270	70386	Eu-154	-0.0112 U	0.0997	0.0297	0.00 - 0.50
7-00270	70386	Ho-166m	-0.0074 U	0.0264	0.008	0.00 - 0.50
7-00270	70386	Na-22	0.0018 U	0.0216	0.0064	0.00 - 0.50
7-00270	70386	Nb-94	0.0026 U	0.0158	0.0046	0.00 - 0.50
7-00270	70386	Np-236	-0.0074 U	0.0377	0.0116	0.00 - 0.50
7-00270	70386	Np-239	0.0617 U	0.137	0.0422	0.00 - 0.50
7-00270	70386	Pa-231	-0.399 U	0.844	0.306	0.00 - 0.50
7-00270	70386	Pu-238	-0.003 U	0.0233	0.0052	0.00 - 0.50
7-00270	70386	Pu-239/240	0.0007 U	0.0164	0.0045	0.00 - 0.50
7-00270	70386	Sb-125	-0.0144 U	0.049	0.0152	0.00 - 0.50
7-00270	70386	Sn-126	0.0075 U	0.0178	0.0053	0.00 - 0.50
7-00270	70387	Cd-113m	30.8 U	125	37.9	1.00 - 5.00
7-00270	70387	Co-60	0.0056 U	0.018	0.0052	1.00 - 5.00
7-00270	70387	Cs-134	0.0048 U	0.0148	0.0049	1.00 - 5.00
7-00270	70387	Eu-154	-0.0501 U	0.0933	0.0313	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00270	70387	Eu-155	0.0259 U	0.0671	0.0209	1.00 - 5.00
7-00270	70387	Ho-166m	-0.0022 U	0.0256	0.0075	1.00 - 5.00
7-00270	70387	Na-22	0.0048 U	0.0211	0.0061	1.00 - 5.00
7-00270	70387	Nb-94	0.0002 U	0.0148	0.0043	1.00 - 5.00
7-00270	70387	Np-236	-0.0108 U	0.0352	0.011	1.00 - 5.00
7-00270	70387	Np-239	0.0099 U	0.125	0.0363	1.00 - 5.00
7-00270	70387	Pa-231	0.135 U	0.764	0.224	1.00 - 5.00
7-00270	70387	Pu-238	-0.0017 U	0.0148	0.0033	1.00 - 5.00
7-00270	70387	Pu-239/240	0.003 U	0.0148	0.0047	1.00 - 5.00
7-00270	70387	Sb-125	-0.0134 U	0.0425	0.0133	1.00 - 5.00
7-00270	70387	Sn-126	-0.0094 U	0.0156	0.0052	1.00 - 5.00
7-00270	70387	Tm-171	-7.59 U	13.1	4.71	1.00 - 5.00
7-00270	70386	Eu-152	0.0016 U J	0.0505	0.0197	0.00 - 0.50
7-00270	70386	Np-237	-0.0156 U J	0.0412	0.009	0.00 - 0.50
7-00270	70386	Tm-171	-11.1 U J	13	5.23	0.00 - 0.50
7-00270	70387	Ac-227	-0.129 U J	0.179	0.0615	1.00 - 5.00
7-00270	70387	Eu-152	0.0165 U J	0.0461	0.015	1.00 - 5.00
7-00270	70386	Cs-137	0.858	0.0171	0.0477	0.00 - 0.50
7-00270	70386	Bi-214	0.851	0.0315	0.0416	0.00 - 0.50
7-00270	70386	K-40	21.6	0.129	1.17	0.00 - 0.50
7-00270	70386	Pb-212	1.24	0.0348	0.0709	0.00 - 0.50
7-00270	70386	Pb-214	0.932	0.0364	0.0452	0.00 - 0.50
7-00270	70386	Th-234	1.52	0.298	0.163	0.00 - 0.50
7-00270	70386	Tl-208	0.402	0.0174	0.0239	0.00 - 0.50
7-00270	70387	Bi-212	0.788	0.13	0.0819	1.00 - 5.00
7-00270	70387	Bi-214	0.883	0.0291	0.0429	1.00 - 5.00
7-00270	70387	Cs-137	0.0495	0.0166	0.007	1.00 - 5.00
7-00270	70387	K-40	23.9	0.118	1.32	1.00 - 5.00
7-00270	70387	Pb-212	1.36	0.0322	0.0751	1.00 - 5.00
7-00270	70387	Pb-214	1.02	0.032	0.0474	1.00 - 5.00
7-00270	70387	Th-234	1.57	0.281	0.155	1.00 - 5.00



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00270	70387	Tl-208	0.432	0.0156	0.025	1.00 - 5.00
7-00271	70416	Np-239	0.0746 J	0.139	0.0457	1.00 - 2.50
7-00271	70416	Th-234	1.69 J	0.402	0.433	1.00 - 2.50
7-00271	70416	Nb-94	0.0089 JSK	0.0155	0.0049	1.00 - 2.50
7-00271	70415	Ac-227	0.0277 U	0.191	0.0585	0.00 - 0.50
7-00271	70415	Cd-113m	-42.2 U	123	39.4	0.00 - 0.50
7-00271	70415	Co-60	0.0066 U	0.0171	0.005	0.00 - 0.50
7-00271	70415	Cs-134	0.0036 U	0.0146	0.0051	0.00 - 0.50
7-00271	70415	Eu-152	-0.0215 U	0.0458	0.0175	0.00 - 0.50
7-00271	70415	Eu-154	-0.0383 U	0.091	0.029	0.00 - 0.50
7-00271	70415	Eu-155	0.0275 U	0.0642	0.02	0.00 - 0.50
7-00271	70415	Ho-166m	-0.0033 U	0.0245	0.0075	0.00 - 0.50
7-00271	70415	Na-22	-0.0047 U	0.0199	0.0062	0.00 - 0.50
7-00271	70415	Nb-94	0 U	0.0144	0.0044	0.00 - 0.50
7-00271	70415	Np-236	-0.0148 U	0.0343	0.0109	0.00 - 0.50
7-00271	70415	Np-239	-0.0179 U	0.124	0.0381	0.00 - 0.50
7-00271	70415	Pa-231	0.226 U	0.775	0.251	0.00 - 0.50
7-00271	70415	Sb-125	0.0086 U	0.044	0.0131	0.00 - 0.50
7-00271	70415	Sn-126	0.0039 U	0.0163	0.005	0.00 - 0.50
7-00271	70415	Sr-90	0.0071 U	0.211	0.0582	0.00 - 0.50
7-00271	70415	Tm-171	-6.09 U	10.6	3.84	0.00 - 0.50
7-00271	70416	Ac-227	-0.0925 U	0.199	0.0661	1.00 - 2.50
7-00271	70416	Cd-113m	2.83 U	138	42.5	1.00 - 2.50
7-00271	70416	Co-60	-0.009 U	0.018	0.0059	1.00 - 2.50
7-00271	70416	Cs-134	-0.0032 U	0.0146	0.005	1.00 - 2.50
7-00271	70416	Eu-152	-0.0204 U	0.0485	0.0185	1.00 - 2.50
7-00271	70416	Eu-154	0.0452 U	0.104	0.0365	1.00 - 2.50
7-00271	70416	Eu-155	0.0166 U	0.0757	0.0227	1.00 - 2.50
7-00271	70416	Ho-166m	-0.0069 U	0.0263	0.008	1.00 - 2.50
7-00271	70416	Na-22	-0.0028 U	0.0219	0.0065	1.00 - 2.50
7-00271	70416	Np-236	0.0072 U	0.0409	0.0122	1.00 - 2.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00271	70416	Pa-231	-0.445 U	0.829	0.283	1.00 - 2.50
7-00271	70416	Sb-125	0.0101 U	0.0458	0.0138	1.00 - 2.50
7-00271	70416	Sn-126	0.0034 U	0.0173	0.0051	1.00 - 2.50
7-00271	70416	Sr-90	-0.0445 U	0.224	0.059	1.00 - 2.50
7-00271	70416	Tm-171	-18.3 U J	18.8	7.14	1.00 - 2.50
7-00271	70415	Cs-137	0.416	0.0172	0.0244	0.00 - 0.50
7-00271	70415	Bi-212	0.682	0.121	0.0644	0.00 - 0.50
7-00271	70415	Bi-214	0.992	0.0298	0.046	0.00 - 0.50
7-00271	70415	K-40	22.8	0.125	1.36	0.00 - 0.50
7-00271	70415	Pb-212	1.34	0.0312	0.0821	0.00 - 0.50
7-00271	70415	Pb-214	1.06	0.0334	0.0522	0.00 - 0.50
7-00271	70415	Th-234	1.48	0.269	0.152	0.00 - 0.50
7-00271	70415	Tl-208	0.407	0.0152	0.0235	0.00 - 0.50
7-00271	70416	Bi-212	0.784	0.138	0.0669	1.00 - 2.50
7-00271	70416	Bi-214	0.826	0.0289	0.0403	1.00 - 2.50
7-00271	70416	Cs-137	0.189	0.0176	0.0137	1.00 - 2.50
7-00271	70416	K-40	21.7	0.125	1.35	1.00 - 2.50
7-00271	70416	Pb-212	1.21	0.0341	0.0804	1.00 - 2.50
7-00271	70416	Pb-214	0.953	0.035	0.0498	1.00 - 2.50
7-00271	70416	Tl-208	0.363	0.0174	0.0215	1.00 - 2.50
7-00272	70382	Eu-155	0.0533 SK	0.0688	0.0243	0.00 - 0.50
7-00272	70382	Ac-227	0.0013 U	0.201	0.0605	0.00 - 0.50
7-00272	70382	Cd-113m	14.3 U	133	43.5	0.00 - 0.50
7-00272	70382	Co-60	0.0006 U	0.0185	0.0054	0.00 - 0.50
7-00272	70382	Cs-134	0.0001 U	0.0165	0.0056	0.00 - 0.50
7-00272	70382	Eu-152	-0.0312 U	0.0497	0.0178	0.00 - 0.50
7-00272	70382	Eu-154	-0.0143 U	0.0993	0.0292	0.00 - 0.50
7-00272	70382	Ho-166m	-0.007 U	0.0269	0.0083	0.00 - 0.50
7-00272	70382	Na-22	-0.0099 U	0.0206	0.0067	0.00 - 0.50
7-00272	70382	Nb-94	-0.0026 U	0.0158	0.0048	0.00 - 0.50
7-00272	70382	Np-236	-0.0181 U	0.0367	0.0117	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00272	70382	Np-239	0.0179 U	0.133	0.0401	0.00 - 0.50
7-00272	70382	Pa-231	-0.0962 U	0.828	0.289	0.00 - 0.50
7-00272	70382	Sb-125	-0.0055 U	0.0476	0.014	0.00 - 0.50
7-00272	70382	Sn-126	-0.0052 U	0.0173	0.0054	0.00 - 0.50
7-00272	70382	Tm-171	-3.6 U	12.7	4.56	0.00 - 0.50
7-00272	70382	Cs-137	0.445	0.0186	0.0267	0.00 - 0.50
7-00272	70382	Bi-212	0.908	0.132	0.0827	0.00 - 0.50
7-00272	70382	Bi-214	0.926	0.0327	0.0462	0.00 - 0.50
7-00272	70382	K-40	21.4	0.137	1.16	0.00 - 0.50
7-00272	70382	Pb-212	1.37	0.0338	0.0778	0.00 - 0.50
7-00272	70382	Pb-214	1.05	0.0351	0.0509	0.00 - 0.50
7-00272	70382	Th-234	1.59	0.297	0.168	0.00 - 0.50
7-00272	70382	Tl-208	0.432	0.0177	0.0259	0.00 - 0.50
7-00273	70384	Sn-126	0.0084 J	0.0162	0.0052	0.00 - 0.50
7-00273	70385	Ac-227	0.0968 J	0.171	0.0566	1.00 - 1.75
7-00273	70384	Nb-94	0.0115 JSK	0.0148	0.0051	0.00 - 0.50
7-00273	70385	Eu-155	0.065 JSK	0.06	0.0232	1.00 - 1.75
7-00273	70384	Eu-155	0.0996 SK	0.0626	0.0245	0.00 - 0.50
7-00273	70384	Ac-227	0.0664 U	0.187	0.0588	0.00 - 0.50
7-00273	70384	Cd-113m	22.7 U	123	39.3	0.00 - 0.50
7-00273	70384	Cs-134	-0.001 U	0.0136	0.0048	0.00 - 0.50
7-00273	70384	Eu-154	-0.003 U	0.0919	0.0272	0.00 - 0.50
7-00273	70384	Ho-166m	-0.0041 U	0.0247	0.0076	0.00 - 0.50
7-00273	70384	Na-22	0.0028 U	0.0194	0.0068	0.00 - 0.50
7-00273	70384	Np-236	-0.0112 U	0.0342	0.0109	0.00 - 0.50
7-00273	70384	Np-239	0.0241 U	0.123	0.0379	0.00 - 0.50
7-00273	70384	Pa-231	0.202 U	0.743	0.264	0.00 - 0.50
7-00273	70384	Sb-125	-0.0057 U	0.0417	0.0125	0.00 - 0.50
7-00273	70384	Tm-171	-6.5 U	10.7	3.9	0.00 - 0.50
7-00273	70385	Cd-113m	36 U	112	35.3	1.00 - 1.75
7-00273	70385	Co-60	-0.0016 U	0.0151	0.0044	1.00 - 1.75

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00273	70385	Cs-134	0.0032 U	0.0128	0.0044	1.00 - 1.75
7-00273	70385	Eu-152	-0.0144 U	0.0411	0.0127	1.00 - 1.75
7-00273	70385	Ho-166m	-0.0085 U	0.0229	0.0071	1.00 - 1.75
7-00273	70385	Na-22	0.0033 U	0.0187	0.006	1.00 - 1.75
7-00273	70385	Nb-94	0.0021 U	0.0136	0.0039	1.00 - 1.75
7-00273	70385	Np-236	0.0024 U	0.0318	0.0094	1.00 - 1.75
7-00273	70385	Np-239	-0.0168 U	0.115	0.0357	1.00 - 1.75
7-00273	70385	Pa-231	-0.0223 U	0.699	0.203	1.00 - 1.75
7-00273	70385	Sb-125	0.0088 U	0.0395	0.0117	1.00 - 1.75
7-00273	70385	Sn-126	-0.0028 U	0.0147	0.0043	1.00 - 1.75
7-00273	70385	Tm-171	0.591 U	11.5	3.72	1.00 - 1.75
7-00273	70384	Co-60	-0.0107 U J	0.0154	0.0053	0.00 - 0.50
7-00273	70384	Eu-152	-0.0518 U J	0.0427	0.0231	0.00 - 0.50
7-00273	70385	Eu-154	-0.0656 U J	0.0846	0.0307	1.00 - 1.75
7-00273	70384	Bi-212	0.836	0.126	0.0708	0.00 - 0.50
7-00273	70384	Bi-214	0.887	0.0277	0.0429	0.00 - 0.50
7-00273	70384	Cs-137	0.0991	0.0175	0.0092	0.00 - 0.50
7-00273	70384	K-40	23.4	0.126	1.39	0.00 - 0.50
7-00273	70384	Pb-212	1.34	0.0303	0.0824	0.00 - 0.50
7-00273	70384	Pb-214	1.04	0.031	0.0515	0.00 - 0.50
7-00273	70384	Th-234	1.58	0.269	0.143	0.00 - 0.50
7-00273	70384	Tl-208	0.414	0.0152	0.0238	0.00 - 0.50
7-00273	70385	Bi-212	0.781	0.115	0.0669	1.00 - 1.75
7-00273	70385	Bi-214	0.858	0.0265	0.0414	1.00 - 1.75
7-00273	70385	Cs-137	0.0319	0.0141	0.0071	1.00 - 1.75
7-00273	70385	K-40	20.9	0.117	1.13	1.00 - 1.75
7-00273	70385	Pb-212	1.27	0.0289	0.0727	1.00 - 1.75
7-00273	70385	Pb-214	0.976	0.0297	0.0456	1.00 - 1.75
7-00273	70385	Th-234	1.13	0.257	0.12	1.00 - 1.75
7-00273	70385	Tl-208	0.397	0.0143	0.0229	1.00 - 1.75
7-00274	70418	Cd-113m	67.4 J	111	36.7	1.00 - 3.80

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00274	70417	Eu-155	0.0385 JSK	0.0608	0.0199	0.00 - 0.50
7-00274	70417	Nb-94	0.0107 JSK	0.0143	0.0047	0.00 - 0.50
7-00274	70418	Eu-155	0.0966 SK	0.0554	0.0257	1.00 - 3.80
7-00274	70417	Ac-227	-0.0329 U	0.175	0.0552	0.00 - 0.50
7-00274	70417	Cd-113m	34.3 U	116	36.3	0.00 - 0.50
7-00274	70417	Co-60	-0.0024 U	0.0159	0.0047	0.00 - 0.50
7-00274	70417	Cs-134	0.0034 U	0.0128	0.0044	0.00 - 0.50
7-00274	70417	Eu-152	-0.0159 U	0.0423	0.0131	0.00 - 0.50
7-00274	70417	Eu-154	-0.0314 U	0.0875	0.0276	0.00 - 0.50
7-00274	70417	Na-22	-0.003 U	0.0186	0.0055	0.00 - 0.50
7-00274	70417	Np-236	-0.0103 U	0.0325	0.01	0.00 - 0.50
7-00274	70417	Np-239	0.0116 U	0.116	0.0357	0.00 - 0.50
7-00274	70417	Pa-231	-0.177 U	0.716	0.213	0.00 - 0.50
7-00274	70417	Sb-125	-0.0139 U	0.0399	0.0124	0.00 - 0.50
7-00274	70417	Sn-126	0.0022 U	0.0156	0.0045	0.00 - 0.50
7-00274	70417	Tm-171	-0.748 U	11.7	3.77	0.00 - 0.50
7-00274	70418	Ac-227	-0.057 U	0.163	0.0503	1.00 - 3.80
7-00274	70418	Co-60	-0.0024 U	0.0147	0.0043	1.00 - 3.80
7-00274	70418	Cs-134	-0.0006 U	0.0117	0.0039	1.00 - 3.80
7-00274	70418	Eu-152	-0.0157 U	0.0396	0.0135	1.00 - 3.80
7-00274	70418	Eu-154	-0.0437 U	0.0814	0.0272	1.00 - 3.80
7-00274	70418	Na-22	-0.0104 U	0.0167	0.0056	1.00 - 3.80
7-00274	70418	Nb-94	0.0058 U	0.0134	0.004	1.00 - 3.80
7-00274	70418	Np-236	-0.0041 U	0.0308	0.01	1.00 - 3.80
7-00274	70418	Np-239	-0.001 U	0.111	0.0326	1.00 - 3.80
7-00274	70418	Pa-231	0.211 U	0.695	0.209	1.00 - 3.80
7-00274	70418	Sb-125	0.0006 U	0.0368	0.011	1.00 - 3.80
7-00274	70418	Sn-126	0.0002 U	0.0148	0.0043	1.00 - 3.80
7-00274	70418	Sr-90	0.0718 U	0.195	0.058	1.00 - 3.80
7-00274	70418	Tm-171	-6.11 U	9.25	3.48	1.00 - 3.80
7-00274	70417	Ho-166m	-0.0044 U J	0.0232	0.0069	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00274	70418	Ho-166m	0.0092 U J	0.0235	0.007	1.00 - 3.80
7-00274	70417	Cs-137	0.233	0.0151	0.0152	0.00 - 0.50
7-00274	70417	Bi-212	0.675	0.109	0.0619	0.00 - 0.50
7-00274	70417	Bi-214	0.839	0.0264	0.0408	0.00 - 0.50
7-00274	70417	K-40	22.5	0.119	1.21	0.00 - 0.50
7-00274	70417	Pb-212	1.2	0.0295	0.0684	0.00 - 0.50
7-00274	70417	Pb-214	0.927	0.0312	0.0441	0.00 - 0.50
7-00274	70417	Sr-90	0.305	0.252	0.0917	0.00 - 0.50
7-00274	70417	Th-234	1.45	0.256	0.131	0.00 - 0.50
7-00274	70417	Tl-208	0.365	0.0147	0.0216	0.00 - 0.50
7-00274	70418	Bi-212	0.876	0.108	0.0681	1.00 - 3.80
7-00274	70418	Bi-214	0.882	0.0241	0.0421	1.00 - 3.80
7-00274	70418	Cs-137	0.0165	0.0142	0.0059	1.00 - 3.80
7-00274	70418	K-40	21.6	0.114	1.18	1.00 - 3.80
7-00274	70418	Pb-212	1.26	0.0278	0.068	1.00 - 3.80
7-00274	70418	Pb-214	0.981	0.0292	0.0452	1.00 - 3.80
7-00274	70418	Th-234	1.71	0.238	0.148	1.00 - 3.80
7-00274	70418	Tl-208	0.386	0.0139	0.0223	1.00 - 3.80
7-00275	70419	Th-234	1.43 J	0.408	0.368	0.00 - 0.50
7-00275	70420	Th-234	1.57 J	0.422	0.414	0.50 - 1.55
7-00275	70419	Cs-134	0.0092 JSK	0.0157	0.0055	0.00 - 0.50
7-00275	70419	Ac-227	-0.0724 U	0.2	0.0649	0.00 - 0.50
7-00275	70419	Cd-113m	-45.5 U	136	43.7	0.00 - 0.50
7-00275	70419	Co-60	0.0089 U	0.0203	0.0061	0.00 - 0.50
7-00275	70419	Eu-152	-0.002 U	0.0484	0.0165	0.00 - 0.50
7-00275	70419	Eu-154	0.0494 U	0.105	0.0326	0.00 - 0.50
7-00275	70419	Eu-155	0.0265 U	0.0767	0.0235	0.00 - 0.50
7-00275	70419	Na-22	-0.006 U	0.0214	0.0066	0.00 - 0.50
7-00275	70419	Nb-94	0.0001 U	0.0151	0.0044	0.00 - 0.50
7-00275	70419	Np-236	0.0001 U	0.0405	0.0121	0.00 - 0.50
7-00275	70419	Np-239	-0.0229 U	0.136	0.0424	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00275	70419	Pa-231	-0.191 U	0.836	0.275	0.00 - 0.50
7-00275	70419	Sb-125	0.0027 U	0.0447	0.0133	0.00 - 0.50
7-00275	70419	Sn-126	0.007 U	0.0176	0.0053	0.00 - 0.50
7-00275	70419	Sr-90	0.0469 U	0.226	0.0647	0.00 - 0.50
7-00275	70419	Tm-171	-2.66 U	19.2	5.67	0.00 - 0.50
7-00275	70420	Ac-227	-0.0404 U	0.212	0.0641	0.50 - 1.55
7-00275	70420	Cd-113m	-8.34 U	142	42.3	0.50 - 1.55
7-00275	70420	Co-60	-0.0081 U	0.0184	0.0058	0.50 - 1.55
7-00275	70420	Cs-134	0.003 U	0.0155	0.0052	0.50 - 1.55
7-00275	70420	Cs-137	0.0028 U	0.0189	0.0055	0.50 - 1.55
7-00275	70420	Eu-152	-0.0314 U	0.0504	0.0177	0.50 - 1.55
7-00275	70420	Eu-154	0.0091 U	0.102	0.035	0.50 - 1.55
7-00275	70420	Eu-155	0.028 U	0.0795	0.0253	0.50 - 1.55
7-00275	70420	Na-22	-0.0007 U	0.0217	0.0073	0.50 - 1.55
7-00275	70420	Nb-94	0.005 U	0.0166	0.0049	0.50 - 1.55
7-00275	70420	Np-236	-0.0153 U	0.0425	0.0138	0.50 - 1.55
7-00275	70420	Np-239	0.0096 U	0.142	0.0419	0.50 - 1.55
7-00275	70420	Pa-231	-0.193 U	0.884	0.29	0.50 - 1.55
7-00275	70420	Sb-125	-0.0027 U	0.0477	0.0145	0.50 - 1.55
7-00275	70420	Sn-126	0.0085 U	0.0188	0.0057	0.50 - 1.55
7-00275	70420	Tm-171	-10.4 U	19.1	6.4	0.50 - 1.55
7-00275	70419	Ho-166m	-0.0245 U J	0.0257	0.0098	0.00 - 0.50
7-00275	70420	Ho-166m	0.0051 U J	0.0285	0.0083	0.50 - 1.55
7-00275	70419	Bi-212	0.784	0.135	0.0708	0.00 - 0.50
7-00275	70419	Bi-214	0.875	0.0315	0.0421	0.00 - 0.50
7-00275	70419	Cs-137	0.127	0.0187	0.0113	0.00 - 0.50
7-00275	70419	K-40	21.8	0.131	1.35	0.00 - 0.50
7-00275	70419	Pb-212	1.27	0.0337	0.0844	0.00 - 0.50
7-00275	70419	Pb-214	0.981	0.0352	0.051	0.00 - 0.50
7-00275	70419	Tl-208	0.376	0.0172	0.0217	0.00 - 0.50
7-00275	70420	Bi-212	0.856	0.135	0.0794	0.50 - 1.55

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00275	70420	Bi-214	0.919	0.0321	0.0445	0.50 - 1.55
7-00275	70420	K-40	23.2	0.126	1.34	0.50 - 1.55
7-00275	70420	Pb-212	1.4	0.0361	0.0976	0.50 - 1.55
7-00275	70420	Pb-214	1.06	0.036	0.0541	0.50 - 1.55
7-00275	70420	Sr-90	0.471	0.209	0.0972	0.50 - 1.55
7-00275	70420	Tl-208	0.44	0.0184	0.0257	0.50 - 1.55
7-00276	70421	Eu-152	0.0284 J	0.047	0.0205	0.00 - 0.50
7-00276	70421	Nb-94	0.0083 JSK	0.0154	0.0049	0.00 - 0.50
7-00276	70422	Eu-155	0.0608 JSK	0.082	0.0279	1.00 - 4.00
7-00276	70421	Eu-155	0.0947 SK	0.0648	0.0226	0.00 - 0.50
7-00276	70421	Ac-227	-0.0218 U	0.19	0.0587	0.00 - 0.50
7-00276	70421	Cd-113m	-101 U	124	50.9	0.00 - 0.50
7-00276	70421	Co-60	0.0003 U	0.0176	0.0051	0.00 - 0.50
7-00276	70421	Cs-134	0.0057 U	0.0149	0.0053	0.00 - 0.50
7-00276	70421	Na-22	-0.001 U	0.0208	0.0073	0.00 - 0.50
7-00276	70421	Np-236	-0.0035 U	0.0354	0.0106	0.00 - 0.50
7-00276	70421	Pa-231	-0.284 U	0.782	0.253	0.00 - 0.50
7-00276	70421	Sb-125	-0.0092 U	0.0424	0.0128	0.00 - 0.50
7-00276	70421	Sn-126	-0.0052 U	0.0161	0.0051	0.00 - 0.50
7-00276	70421	Sr-90	-0.0909 U	0.299	0.0781	0.00 - 0.50
7-00276	70422	Ac-227	0.0337 U	0.212	0.0639	1.00 - 4.00
7-00276	70422	Cd-113m	9.27 U	142	47	1.00 - 4.00
7-00276	70422	Co-60	-0.0041 U	0.0176	0.0053	1.00 - 4.00
7-00276	70422	Cs-134	0.0006 U	0.0156	0.0053	1.00 - 4.00
7-00276	70422	Cs-137	0.0037 U	0.0173	0.0059	1.00 - 4.00
7-00276	70422	Eu-152	-0.0357 U	0.052	0.0217	1.00 - 4.00
7-00276	70422	Eu-154	-0.0654 U	0.0962	0.0339	1.00 - 4.00
7-00276	70422	Na-22	-0.0058 U	0.0206	0.0073	1.00 - 4.00
7-00276	70422	Nb-94	0.0064 U	0.016	0.0049	1.00 - 4.00
7-00276	70422	Np-236	-0.0149 U	0.0437	0.0135	1.00 - 4.00
7-00276	70422	Np-239	-0.0039 U	0.143	0.0429	1.00 - 4.00



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00276	70422	Pa-231	-0.388 U	0.87	0.308	1.00 - 4.00
7-00276	70422	Sb-125	-0.0055 U	0.0469	0.0144	1.00 - 4.00
7-00276	70422	Sn-126	-0.0002 U	0.0183	0.0054	1.00 - 4.00
7-00276	70422	Sr-90	-0.102 U	0.251	0.061	1.00 - 4.00
7-00276	70421	Eu-154	-0.0827 U J	0.095	0.0355	0.00 - 0.50
7-00276	70421	Ho-166m	-0.0107 U J	0.0256	0.0084	0.00 - 0.50
7-00276	70421	Np-239	-0.0919 U J	0.124	0.0445	0.00 - 0.50
7-00276	70421	Tm-171	-8.57 U J	11	4.21	0.00 - 0.50
7-00276	70422	Ho-166m	0.0078 U J	0.0283	0.0085	1.00 - 4.00
7-00276	70422	Tm-171	-21.2 U J	17.9	8.24	1.00 - 4.00
7-00276	70421	Bi-212	0.774	0.128	0.0718	0.00 - 0.50
7-00276	70421	Bi-214	1	0.0299	0.0469	0.00 - 0.50
7-00276	70421	Cs-137	0.0999	0.0162	0.0088	0.00 - 0.50
7-00276	70421	K-40	25.1	0.121	1.49	0.00 - 0.50
7-00276	70421	Pb-212	1.4	0.032	0.0857	0.00 - 0.50
7-00276	70421	Pb-214	1.09	0.0332	0.0537	0.00 - 0.50
7-00276	70421	Th-234	1.34	0.271	0.13	0.00 - 0.50
7-00276	70421	Tl-208	0.409	0.0165	0.0234	0.00 - 0.50
7-00276	70422	Bi-212	0.797	0.135	0.0767	1.00 - 4.00
7-00276	70422	Bi-214	0.855	0.0314	0.043	1.00 - 4.00
7-00276	70422	K-40	20.9	0.128	1.14	1.00 - 4.00
7-00276	70422	Pb-212	1.3	0.0356	0.0757	1.00 - 4.00
7-00276	70422	Pb-214	0.933	0.0372	0.045	1.00 - 4.00
7-00276	70422	Th-234	1.54	0.359	0.184	1.00 - 4.00
7-00276	70422	Tl-208	0.419	0.0172	0.0249	1.00 - 4.00
7-00277	70388	Th-234	1.38 J	0.381	0.361	0.00 - 0.50
7-00277	70389	Np-239	0.0846 J	0.133	0.045	1.00 - 5.00
7-00277	70389	Sn-126	0.0111 J	0.0172	0.0055	1.00 - 5.00
7-00277	70389	Sb-125	0.037 JSK	0.0454	0.0157	1.00 - 5.00
7-00277	70388	Eu-155	0.0887 SK	0.0694	0.0262	0.00 - 0.50
7-00277	70389	Eu-155	0.0715 SK	0.0731	0.0226	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00277	70388	Ac-227	-0.045 U	0.2	0.0603	0.00 - 0.50
7-00277	70388	Cd-113m	-40.2 U	131	41.6	0.00 - 0.50
7-00277	70388	Co-60	-0.0006 U	0.018	0.0052	0.00 - 0.50
7-00277	70388	Cs-134	-0.0029 U	0.0146	0.005	0.00 - 0.50
7-00277	70388	Eu-152	-0.0195 U	0.0467	0.0161	0.00 - 0.50
7-00277	70388	Eu-154	-0.0327 U	0.0973	0.0309	0.00 - 0.50
7-00277	70388	Ho-166m	-0.004 U	0.0265	0.0079	0.00 - 0.50
7-00277	70388	Na-22	-0.0028 U	0.0211	0.0063	0.00 - 0.50
7-00277	70388	Nb-94	0.0038 U	0.0154	0.0046	0.00 - 0.50
7-00277	70388	Np-236	0.0177 U	0.0383	0.0124	0.00 - 0.50
7-00277	70388	Np-239	-0.0124 U	0.132	0.039	0.00 - 0.50
7-00277	70388	Pa-231	-0.325 U	0.828	0.28	0.00 - 0.50
7-00277	70388	Sb-125	0.0102 U	0.0464	0.0141	0.00 - 0.50
7-00277	70388	Sn-126	-0.0062 U	0.0169	0.0053	0.00 - 0.50
7-00277	70388	Tm-171	-1.21 U	16.1	4.84	0.00 - 0.50
7-00277	70389	Ac-227	0.0157 U	0.198	0.061	1.00 - 5.00
7-00277	70389	Cd-113m	-85.4 U	129	45.7	1.00 - 5.00
7-00277	70389	Co-60	0.0051 U	0.0186	0.0055	1.00 - 5.00
7-00277	70389	Cs-134	-0.0078 U	0.0143	0.0053	1.00 - 5.00
7-00277	70389	Cs-137	0.002 U	0.0175	0.0051	1.00 - 5.00
7-00277	70389	Eu-152	-0.0102 U	0.0481	0.0167	1.00 - 5.00
7-00277	70389	Eu-154	0.016 U	0.0999	0.0299	1.00 - 5.00
7-00277	70389	Ho-166m	-0.0048 U	0.0267	0.008	1.00 - 5.00
7-00277	70389	Nb-94	-0.0031 U	0.0149	0.0045	1.00 - 5.00
7-00277	70389	Np-236	-0.0033 U	0.0394	0.0122	1.00 - 5.00
7-00277	70389	Pa-231	0.198 U	0.815	0.264	1.00 - 5.00
7-00277	70389	Na-22	-0.0157 U J	0.0203	0.0073	1.00 - 5.00
7-00277	70389	Tm-171	-16.3 U J	18.4	7.36	1.00 - 5.00
7-00277	70388	Bi-212	0.859	0.128	0.0712	0.00 - 0.50
7-00277	70388	Bi-214	0.909	0.0305	0.0442	0.00 - 0.50
7-00277	70388	Cs-137	0.132	0.018	0.0111	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00277	70388	K-40	22.4	0.138	1.3	0.00 - 0.50
7-00277	70388	Pb-212	1.35	0.0335	0.0903	0.00 - 0.50
7-00277	70388	Pb-214	1.05	0.0353	0.0526	0.00 - 0.50
7-00277	70388	Tl-208	0.394	0.0164	0.0227	0.00 - 0.50
7-00277	70389	Bi-212	0.788	0.123	0.0829	1.00 - 5.00
7-00277	70389	Bi-214	0.845	0.0301	0.0414	1.00 - 5.00
7-00277	70389	K-40	21.6	0.139	1.34	1.00 - 5.00
7-00277	70389	Pb-212	1.23	0.0332	0.0817	1.00 - 5.00
7-00277	70389	Pb-214	0.978	0.0331	0.0508	1.00 - 5.00
7-00277	70389	Th-234	1.09	0.341	0.139	1.00 - 5.00
7-00277	70389	Tl-208	0.37	0.0162	0.0215	1.00 - 5.00
7-00278	70406	Co-60	0.0117 J	0.0202	0.0063	0.00 - 0.50
7-00278	70407	Bi-212	0.66 J	0.247	0.18	1.00 - 5.00
7-00278	70407	Np-237	0.0211 J	0.0243	0.0092	1.00 - 5.00
7-00278	70407	Th-234	1.49 J	0.372	0.387	1.00 - 5.00
7-00278	70406	Eu-155	0.0656 JSK	0.0794	0.0279	0.00 - 0.50
7-00278	70406	Nb-94	0.011 JSK	0.0161	0.0052	0.00 - 0.50
7-00278	70407	Eu-155	0.0642 JSK	0.0744	0.0269	1.00 - 5.00
7-00278	70406	Ac-227	-0.0794 U	0.209	0.0681	0.00 - 0.50
7-00278	70406	Cd-113m	-34.6 U	141	43.5	0.00 - 0.50
7-00278	70406	Cs-134	0.0075 U	0.0166	0.0057	0.00 - 0.50
7-00278	70406	Eu-154	0.0053 U	0.104	0.0311	0.00 - 0.50
7-00278	70406	Ho-166m	0.0086 U	0.0277	0.0082	0.00 - 0.50
7-00278	70406	Na-22	-0.0021 U	0.0227	0.0067	0.00 - 0.50
7-00278	70406	Np-236	0.0199 U	0.0415	0.0131	0.00 - 0.50
7-00278	70406	Np-239	0.0307 U	0.14	0.0434	0.00 - 0.50
7-00278	70406	Pa-231	0.181 U	0.862	0.291	0.00 - 0.50
7-00278	70406	Pu-238	0.0015 U	0.0213	0.0058	0.00 - 0.50
7-00278	70406	Sb-125	0.0204 U	0.0504	0.0156	0.00 - 0.50
7-00278	70406	Sn-126	0.0001 U	0.0174	0.0051	0.00 - 0.50
7-00278	70406	Sr-90	0.0044 U	0.253	0.0707	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00278	70406	Tm-171	-13.7 U	19.7	7.41	0.00 - 0.50
7-00278	70407	Ac-227	-0.125 U	0.221	0.0729	1.00 - 5.00
7-00278	70407	Cd-113m	11.8 U	149	44.1	1.00 - 5.00
7-00278	70407	Co-60	-0.0063 U	0.0229	0.007	1.00 - 5.00
7-00278	70407	Cs-134	0.0014 U	0.0186	0.0062	1.00 - 5.00
7-00278	70407	Cs-137	-0.0011 U	0.024	0.0071	1.00 - 5.00
7-00278	70407	Eu-152	-0.0221 U	0.0563	0.0242	1.00 - 5.00
7-00278	70407	Eu-154	-0.01 U	0.137	0.0397	1.00 - 5.00
7-00278	70407	Ho-166m	0.0041 U	0.0367	0.0108	1.00 - 5.00
7-00278	70407	Na-22	-0.0127 U	0.0271	0.0088	1.00 - 5.00
7-00278	70407	Nb-94	0.0044 U	0.0209	0.0062	1.00 - 5.00
7-00278	70407	Np-236	0.0043 U	0.0401	0.0123	1.00 - 5.00
7-00278	70407	Np-239	0.0239 U	0.152	0.0449	1.00 - 5.00
7-00278	70407	Pa-231	-0.21 U	0.926	0.282	1.00 - 5.00
7-00278	70407	Pu-238	0.001 U	0.0232	0.0045	1.00 - 5.00
7-00278	70407	Sb-125	0.0106 U	0.0559	0.0169	1.00 - 5.00
7-00278	70407	Sn-126	0.0015 U	0.0234	0.0069	1.00 - 5.00
7-00278	70407	Sr-90	-0.103 U	0.384	0.101	1.00 - 5.00
7-00278	70407	Tm-171	4.71 U	13	4.01	1.00 - 5.00
7-00278	70406	Eu-152	0.0162 U J	0.0504	0.0173	0.00 - 0.50
7-00278	70406	Np-237	-0.0018 U J	0.022	0.0055	0.00 - 0.50
7-00278	70406	Cs-137	0.402	0.0168	0.0236	0.00 - 0.50
7-00278	70406	Bi-212	0.719	0.141	0.079	0.00 - 0.50
7-00278	70406	Bi-214	0.92	0.0347	0.0442	0.00 - 0.50
7-00278	70406	K-40	20.7	0.127	1.29	0.00 - 0.50
7-00278	70406	Pb-212	1.25	0.036	0.0832	0.00 - 0.50
7-00278	70406	Pb-214	1.04	0.0352	0.0534	0.00 - 0.50
7-00278	70406	Pu-239/240	0.0027	0.0073	0.0043	0.00 - 0.50
7-00278	70406	Th-234	1.17	0.341	0.167	0.00 - 0.50
7-00278	70406	Tl-208	0.375	0.018	0.0224	0.00 - 0.50
7-00278	70407	Bi-214	0.826	0.0398	0.0463	1.00 - 5.00

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00278	70407	K-40	20.9	0.192	1.2	1.00 - 5.00
7-00278	70407	Pb-212	1.25	0.0384	0.0742	1.00 - 5.00
7-00278	70407	Pb-214	0.908	0.0403	0.046	1.00 - 5.00
7-00278	70407	Pu-239/240	0.0036	0.0099	0.0036	1.00 - 5.00
7-00278	70407	Tl-208	0.398	0.0206	0.0259	1.00 - 5.00
7-00279	70390	Co-60	0.0159 J	0.0261	0.008	0.00 - 0.50
7-00279	70391	Pa-231	0.388 J	0.681	0.214	1.00 - 1.75
7-00279	70390	Cs-134	0.0155 JSK	0.022	0.0079	0.00 - 0.50
7-00279	70391	Eu-155	0.0445 JSK	0.0568	0.0196	1.00 - 1.75
7-00279	70390	Ac-227	-0.07 U	0.237	0.0728	0.00 - 0.50
7-00279	70390	Cd-113m	-70 U	155	51.1	0.00 - 0.50
7-00279	70390	Eu-152	-0.0117 U	0.0605	0.0227	0.00 - 0.50
7-00279	70390	Eu-154	-0.0302 U	0.14	0.0416	0.00 - 0.50
7-00279	70390	Eu-155	0.0164 U	0.0752	0.0231	0.00 - 0.50
7-00279	70390	Ho-166m	-0.0124 U	0.0354	0.0111	0.00 - 0.50
7-00279	70390	Na-22	-0.002 U	0.031	0.0092	0.00 - 0.50
7-00279	70390	Nb-94	0.0038 U	0.0213	0.0063	0.00 - 0.50
7-00279	70390	Np-236	-0.0014 U	0.0408	0.0125	0.00 - 0.50
7-00279	70390	Np-239	-0.0426 U	0.152	0.0463	0.00 - 0.50
7-00279	70390	Pa-231	0.0418 U	0.991	0.334	0.00 - 0.50
7-00279	70390	Sb-125	-0.0167 U	0.059	0.0186	0.00 - 0.50
7-00279	70390	Sn-126	0.0062 U	0.0239	0.007	0.00 - 0.50
7-00279	70391	Ac-227	0.0421 U	0.162	0.0506	1.00 - 1.75
7-00279	70391	Cd-113m	0.968 U	105	32.4	1.00 - 1.75
7-00279	70391	Co-60	0.0056 U	0.0155	0.0045	1.00 - 1.75
7-00279	70391	Cs-134	-0.0001 U	0.0118	0.0041	1.00 - 1.75
7-00279	70391	Eu-152	0.0078 U	0.0385	0.0121	1.00 - 1.75
7-00279	70391	Eu-154	-0.0353 U	0.0831	0.0267	1.00 - 1.75
7-00279	70391	Ho-166m	0.0008 U	0.0215	0.0062	1.00 - 1.75
7-00279	70391	Na-22	-0.0069 U	0.0174	0.0054	1.00 - 1.75
7-00279	70391	Nb-94	-0.0014 U	0.013	0.0038	1.00 - 1.75

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00279	70391	Np-236	-0.0177 U	0.0295	0.0098	1.00 - 1.75
7-00279	70391	Np-239	-0.0145 U	0.107	0.0331	1.00 - 1.75
7-00279	70391	Sb-125	-0.0032 U	0.0353	0.0105	1.00 - 1.75
7-00279	70391	Sn-126	-0.0041 U	0.0143	0.0043	1.00 - 1.75
7-00279	70391	Tm-171	-3.13 U	10.8	3.57	1.00 - 1.75
7-00279	70390	Tm-171	-14.4 U J	12.8	5.6	0.00 - 0.50
7-00279	70390	Cs-137	0.509	0.0251	0.0328	0.00 - 0.50
7-00279	70390	Bi-212	0.72	0.182	0.106	0.00 - 0.50
7-00279	70390	Bi-214	0.748	0.0438	0.0412	0.00 - 0.50
7-00279	70390	K-40	21	0.188	1.21	0.00 - 0.50
7-00279	70390	Pb-212	1.13	0.0394	0.0676	0.00 - 0.50
7-00279	70390	Pb-214	0.92	0.0419	0.0484	0.00 - 0.50
7-00279	70390	Th-234	1.39	0.304	0.174	0.00 - 0.50
7-00279	70390	Tl-208	0.345	0.0227	0.0244	0.00 - 0.50
7-00279	70391	Bi-212	0.651	0.11	0.0561	1.00 - 1.75
7-00279	70391	Bi-214	0.799	0.0241	0.038	1.00 - 1.75
7-00279	70391	Cs-137	0.0218	0.0135	0.0057	1.00 - 1.75
7-00279	70391	K-40	21.1	0.108	1.13	1.00 - 1.75
7-00279	70391	Pb-212	1.13	0.0269	0.0644	1.00 - 1.75
7-00279	70391	Pb-214	0.88	0.0275	0.0417	1.00 - 1.75
7-00279	70391	Th-234	1.35	0.238	0.142	1.00 - 1.75
7-00279	70391	Tl-208	0.347	0.0133	0.0203	1.00 - 1.75
7-00280	70402	Pa-231	0.514 J	0.78	0.263	0.00 - 0.50
7-00280	70402	Cs-134	0.0184 JSK	0.0176	0.0071	0.00 - 0.50
7-00280	70402	Nb-94	0.0091 JSK	0.0174	0.0055	0.00 - 0.50
7-00280	70402	Eu-155	0.0741 SK	0.0525	0.0193	0.00 - 0.50
7-00280	70403	Eu-155	0.0901 SK	0.0763	0.0265	1.00 - 2.25
7-00280	70402	Ac-227	0.0262 U	0.179	0.0548	0.00 - 0.50
7-00280	70402	Cd-113m	-42.2 U	116	37.3	0.00 - 0.50
7-00280	70402	Co-60	-0.0038 U	0.0197	0.0058	0.00 - 0.50
7-00280	70402	Eu-152	-0.0155 U	0.0436	0.0143	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00280	70402	Eu-154	-0.0026 U	0.116	0.034	0.00 - 0.50
7-00280	70402	Ho-166m	0.0089 U	0.03	0.0087	0.00 - 0.50
7-00280	70402	Na-22	-0.007 U	0.0233	0.0073	0.00 - 0.50
7-00280	70402	Np-236	-0.0014 U	0.0297	0.0087	0.00 - 0.50
7-00280	70402	Np-239	0.0208 U	0.117	0.0358	0.00 - 0.50
7-00280	70402	Sb-125	0.0153 U	0.0475	0.0142	0.00 - 0.50
7-00280	70402	Sn-126	0.0028 U	0.0196	0.0059	0.00 - 0.50
7-00280	70402	Tm-171	-0.217 U	6.58	2.28	0.00 - 0.50
7-00280	70403	Ac-227	0.0235 U	0.206	0.0635	1.00 - 2.25
7-00280	70403	Cd-113m	-56.6 U	135	44.4	1.00 - 2.25
7-00280	70403	Co-60	-0.0053 U	0.019	0.0058	1.00 - 2.25
7-00280	70403	Cs-134	-0.0071 U	0.0152	0.0055	1.00 - 2.25
7-00280	70403	Cs-137	0.0082 U	0.0192	0.0058	1.00 - 2.25
7-00280	70403	Eu-152	-0.0123 U	0.0492	0.0182	1.00 - 2.25
7-00280	70403	Eu-154	-0.0048 U	0.105	0.0315	1.00 - 2.25
7-00280	70403	Ho-166m	0.007 U	0.0286	0.0085	1.00 - 2.25
7-00280	70403	Na-22	-0.005 U	0.022	0.0066	1.00 - 2.25
7-00280	70403	Np-236	-0.012 U	0.0411	0.0131	1.00 - 2.25
7-00280	70403	Np-239	-0.009 U	0.137	0.0423	1.00 - 2.25
7-00280	70403	Sb-125	-0.0222 U	0.0446	0.0146	1.00 - 2.25
7-00280	70403	Sn-126	0.0028 U	0.0181	0.0053	1.00 - 2.25
7-00280	70403	Sr-90	0.0213 U	0.24	0.0679	1.00 - 2.25
7-00280	70403	Tm-171	-13.7 U	19.3	7.29	1.00 - 2.25
7-00280	70403	Nb-94	-0.0043 U J	0.0155	0.0047	1.00 - 2.25
7-00280	70403	Pa-231	-0.633 U J	0.815	0.321	1.00 - 2.25
7-00280	70402	Cs-137	0.283	0.0204	0.019	0.00 - 0.50
7-00280	70402	Bi-212	0.707	0.141	0.086	0.00 - 0.50
7-00280	70402	Bi-214	0.851	0.0343	0.0436	0.00 - 0.50
7-00280	70402	K-40	21	0.152	1.15	0.00 - 0.50
7-00280	70402	Pb-212	1.17	0.0296	0.0654	0.00 - 0.50
7-00280	70402	Pb-214	0.938	0.0327	0.0454	0.00 - 0.50

**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00280	70402	Sr-90	0.136	0.194	0.0637	0.00 - 0.50
7-00280	70402	Th-234	1.22	0.216	0.109	0.00 - 0.50
7-00280	70402	Tl-208	0.387	0.0182	0.0236	0.00 - 0.50
7-00280	70403	Bi-212	0.879	0.136	0.073	1.00 - 2.25
7-00280	70403	Bi-214	0.893	0.0318	0.0434	1.00 - 2.25
7-00280	70403	K-40	21.4	0.133	1.33	1.00 - 2.25
7-00280	70403	Pb-212	1.29	0.0346	0.0854	1.00 - 2.25
7-00280	70403	Pb-214	1.02	0.0365	0.0526	1.00 - 2.25
7-00280	70403	Th-234	1.25	0.339	0.156	1.00 - 2.25
7-00280	70403	Tl-208	0.395	0.018	0.023	1.00 - 2.25
7-00281	70405	Th-234	1.14 J	0.326	0.295	1.00 - 3.25
7-00281	70404	Eu-155	0.0435 SK	0.0546	0.0204	0.00 - 0.50
7-00281	70405	Eu-155	0.0972 SK	0.0628	0.0276	1.00 - 3.25
7-00281	70404	Ac-227	-0.0872 U	0.16	0.0521	0.00 - 0.50
7-00281	70404	Cd-113m	50 U	110	33.9	0.00 - 0.50
7-00281	70404	Co-60	0.0012 U	0.0146	0.0042	0.00 - 0.50
7-00281	70404	Cs-134	0.0024 U	0.0128	0.0042	0.00 - 0.50
7-00281	70404	Eu-152	0.0022 U	0.0395	0.0133	0.00 - 0.50
7-00281	70404	Eu-154	-0.0265 U	0.0846	0.0264	0.00 - 0.50
7-00281	70404	Ho-166m	-0.0046 U	0.0219	0.0066	0.00 - 0.50
7-00281	70404	Na-22	-0.0051 U	0.0169	0.0051	0.00 - 0.50
7-00281	70404	Np-236	-0.0166 U	0.0299	0.0101	0.00 - 0.50
7-00281	70404	Np-239	-0.0346 U	0.108	0.0328	0.00 - 0.50
7-00281	70404	Sb-125	0.0117 U	0.0386	0.0118	0.00 - 0.50
7-00281	70404	Sn-126	-0.0013 U	0.0145	0.0042	0.00 - 0.50
7-00281	70404	Sr-90	-0.0527 U	0.175	0.0422	0.00 - 0.50
7-00281	70404	Tm-171	-3.18 U	9.08	3.17	0.00 - 0.50
7-00281	70405	Ac-227	0.0133 U	0.185	0.0558	1.00 - 3.25
7-00281	70405	Cd-113m	14.1 U	123	42.4	1.00 - 3.25
7-00281	70405	Co-60	0.0037 U	0.017	0.005	1.00 - 3.25
7-00281	70405	Cs-134	0.0057 U	0.0147	0.005	1.00 - 3.25



**Table A.2**  
**Analytical Results Summary**  
**Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00281	70405	Eu-152	0.0069 U	0.045	0.0187	1.00 - 3.25
7-00281	70405	Eu-154	-0.0199 U	0.093	0.0277	1.00 - 3.25
7-00281	70405	Ho-166m	-0.0106 U	0.0257	0.0082	1.00 - 3.25
7-00281	70405	Na-22	-0.0115 U	0.0194	0.0065	1.00 - 3.25
7-00281	70405	Np-236	-0.0066 U	0.0347	0.0107	1.00 - 3.25
7-00281	70405	Np-239	-0.0089 U	0.122	0.0367	1.00 - 3.25
7-00281	70405	Sb-125	0.0101 U	0.0424	0.0124	1.00 - 3.25
7-00281	70405	Sn-126	-0.0025 U	0.0161	0.0049	1.00 - 3.25
7-00281	70405	Sr-90	-0.0153 U	0.232	0.0599	1.00 - 3.25
7-00281	70404	Nb-94	0.0025 U J	0.0132	0.0039	0.00 - 0.50
7-00281	70404	Pa-231	0.0513 U J	0.688	0.203	0.00 - 0.50
7-00281	70405	Nb-94	0.0056 U J	0.0154	0.0047	1.00 - 3.25
7-00281	70405	Pa-231	-0.0568 U J	0.759	0.231	1.00 - 3.25
7-00281	70405	Tm-171	-9.22 U J	11.8	4.33	1.00 - 3.25
7-00281	70404	Cs-137	0.237	0.0146	0.0154	0.00 - 0.50
7-00281	70404	Bi-212	0.799	0.107	0.0781	0.00 - 0.50
7-00281	70404	Bi-214	0.835	0.0257	0.0404	0.00 - 0.50
7-00281	70404	K-40	21	0.111	1.15	0.00 - 0.50
7-00281	70404	Pb-212	1.24	0.0278	0.0671	0.00 - 0.50
7-00281	70404	Pb-214	0.924	0.0286	0.0426	0.00 - 0.50
7-00281	70404	Th-234	1.39	0.233	0.128	0.00 - 0.50
7-00281	70404	Tl-208	0.381	0.0134	0.0221	0.00 - 0.50
7-00281	70405	Bi-212	0.78	0.126	0.0826	1.00 - 3.25
7-00281	70405	Bi-214	0.867	0.0294	0.042	1.00 - 3.25
7-00281	70405	Cs-137	0.0136	0.0175	0.0053	1.00 - 3.25
7-00281	70405	K-40	20.4	0.129	1.1	1.00 - 3.25
7-00281	70405	Pb-212	1.25	0.0313	0.071	1.00 - 3.25
7-00281	70405	Pb-214	0.952	0.0315	0.0451	1.00 - 3.25
7-00281	70405	Tl-208	0.4	0.0156	0.0239	1.00 - 3.25
7-00282	70479	Sr-90	0.0727 U	0.27	0.0782	1.00 - 5.00
7-00283	70480	Sr-90	-0.136 U	0.326	0.0795	1.00 - 5.00

**Table A.2  
Analytical Results Summary  
Subarea 7 Round 2**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	Sample Depth (feet bgs)
7-00284	70481	Sr-90	0.0992 U	0.275	0.0821	0.00 - 0.50
7-00284	70482	Sr-90	0.211	0.309	0.0995	1.00 - 5.00
7-00285	70483	Sr-90	0.0926 U	0.241	0.072	1.00 - 2.50
7-00286	70484	Sr-90	0.0905 U	0.265	0.0784	0.30 - 0.80
7-00286	70485	Sr-90	0.328	0.262	0.0977	1.00 - 2.00
7-00287	70486	Sr-90	-0.082 U	0.324	0.0799	0.00 - 1.50
7-00288	70487	Sr-90	-0.0889 U	0.266	0.0597	0.00 - 1.00
7-00289	70488	Sr-90	0.0887 U	0.317	0.0931	1.00 - 2.00
7-00290	70489	Sr-90	0.279	0.299	0.102	1.00 - 4.50
7-00291	70490	Sr-90	0.191 U	0.339	0.106	1.00 - 4.00
7-00292	70491	Sr-90	0.151 U	0.387	0.117	1.00 - 3.00
7-00293	70492	Sr-90	0.0825 U	0.373	0.109	1.00 - 4.00
7-00294	70493	Sr-90	0.0567 U	0.288	0.0832	1.00 - 5.00
7-00295	70494	Sr-90	-0.0604 U	0.171	0.0386	1.50 - 2.50
7-00296	70495	Sr-90	0.618	0.244	0.114	1.00 - 5.00
7-00297	70497	Sr-90	-0.0527 U	0.287	0.0773	1.00 - 2.00
7-00297	70496	Sr-90	0.115	0.185	0.0593	0.20 - 0.80

**Notes:**

Refer to Table 2.1 of the Final Field Sampling Plan for Soil Sampling (HGL, 2012a) for a definition of radionuclide symbols.

Reporting units in picocuries per gram.

bgs - below ground surface

MDC - minimum detectable concentration

RTL - radiological trigger level

TPU - total propagated uncertainty

J - The analyte was detected at the reported concentration; the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

S - Analyte result is subject to spectral interference. Unless otherwise qualified, the data is believed to be consistent with the

U - Not considered detected. The associated number is the reported concentration.

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00297	70497	Sr-90	-0.0527 U	0.287	0.0773	70506	Sr-90	-0.0118 U	0.215	0.0578
7-00229	70469	Sr-90	0.0520 U	0.317	0.0908	70505	Sr-90	-0.0376 U	0.193	0.0465
7-00236	70440	Ac-227	0.0260 U	0.232	0.0690	70499	Ac-227	0.0109 U	0.259	0.0777
7-00236	70440	Ac-228	1.16	0.101	0.0583	70499	Ac-228	1.21	0.115	0.0664
7-00236	70440	Bi-212	0.851	0.136	0.0787	70499	Bi-212	0.987	0.158	0.0927
7-00236	70440	Bi-214	1.02	0.032	0.0492	70499	Bi-214	1.08	0.0374	0.0533
7-00236	70440	Cd-113m	-95 U	148	50.2	70499	Cd-113m	-49.2 U	175	62.7
7-00236	70440	Co-60	0.0055 U	0.0188	0.0054	70499	Co-60	-0.0029 U	0.0202	0.006
7-00236	70440	Cs-134	0.0050 U	0.0166	0.0055	70499	Cs-134	-0.0045 U	0.0183	0.0064
7-00236	70440	Cs-137	1.03	0.0185	0.0566	70499	Cs-137	1.06	0.0225	0.0617
7-00236	70440	Eu-152	-0.0300 U	0.055	0.0196	70499	Eu-152	0.0165 U	0.0641	0.0258
7-00236	70440	Eu-154	-0.0557 U	0.0998	0.0337	70499	Eu-154	0.069 J	0.119	0.0381
7-00236	70440	Eu-155	0.0752 JSK	0.0827	0.0308	70499	Eu-155	0.0622 JSK	0.0943	0.0311
7-00236	70440	Ho-166m	-0.0065 U J	0.0273	0.0082	70499	Ho-166m	0.0046 U J	0.032	0.0094
7-00236	70440	K-40	20.3	0.133	1.18	70499	K-40	22.4	0.145	1.23
7-00236	70440	Na-22	-0.0105 U	0.021	0.0068	70499	Na-22	-0.0101 U	0.0248	0.0078
7-00236	70440	Nb-94	0.0021 U	0.0163	0.0048	70499	Nb-94	0.0054 U	0.0186	0.0056
7-00236	70440	Np-236	0.0372 JSK	0.0453	0.0164	70499	Np-236	0.0215 U	0.0506	0.0157
7-00236	70440	Np-239	-0.0146 U	0.151	0.0449	70499	Np-239	0.0088 U	0.173	0.0518

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00236	70440	Pa-231	-0.0786 U	0.949	0.2840	70499	Pa-231	-0.380 U	1.07	0.371
7-00236	70440	Pb-212	1.35	0.038	0.0943	70499	Pb-212	1.40	0.0435	0.0823
7-00236	70440	Pb-214	1.15	0.0399	0.0590	70499	Pb-214	1.16	0.0467	0.056
7-00236	70440	Sb-125	0.0189 U	0.0544	0.0168	70499	Sb-125	-0.0165 U	0.0607	0.0191
7-00236	70440	Sn-126	0.0090 U	0.0186	0.0057	70499	Sn-126	0 U	0.0204	0.006
7-00236	70440	Sr-90	0.171	0.162	0.0580	70499	Sr-90	0.169	0.165	0.0569
7-00236	70440	Tl-208	0.407	0.0184	0.0242	70499	Tl-208	0.423	0.0196	0.0267
7-00236	70440	Tm-171	-13.1 U	19.3	7.43	70499	Tm-171	-3.11 U	21	7.49
7-00194	70434	Ac-227	0.0504 U	0.153	0.0457	70503	Ac-227	-0.0238 U	0.19	0.0572
7-00194	70434	Ac-228	0.7900	0.0736	0.0421	70503	Ac-228	0.867	0.0958	0.0476
7-00194	70434	Bi-212	0.681	0.1	0.0557	70503	Bi-212	0.601 J	0.192	0.158
7-00194	70434	Bi-214	0.754	0.0248	0.0366	70503	Bi-214	0.757	0.0295	0.0397
7-00194	70434	Cd-113m	59.7 J	103	33.6	70503	Cd-113m	-63.5 U	125	46.0
7-00194	70434	Co-60	0.0002 U	0.0138	0.0041	70503	Co-60	0.005 U	0.0178	0.0052
7-00194	70434	Cs-134	0.0069 JSK	0.0124	0.0044	70503	Cs-134	-0.007 U	0.0145	0.0054
7-00194	70434	Cs-137	0.0113 J	0.0146	0.0053	70503	Cs-137	0.0002 U	0.0185	0.0055
7-00194	70434	Eu-152	-0.0175 U	0.0372	0.0123	70503	Eu-152	-0.021 U	0.0459	0.0162
7-00194	70434	Eu-154	0.0229 U	0.0765	0.0257	70503	Eu-154	-0.024 U	0.102	0.0305
7-00194	70434	Eu-155	0.0720 SK	0.0535	0.0246	70503	Eu-155	0.0749 SK	0.0641	0.0261

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00194	70434	Ho-166m	-0.0058 U	0.0207	0.0062	70503	Ho-166m	0.0023 U	0.0266	0.0078
7-00194	70434	K-40	18.2	0.0948	0.988	70503	K-40	18.6	0.132	1.01
7-00194	70434	Na-22	-0.0069 U	0.0157	0.0054	70503	Na-22	-0.0048 U	0.0216	0.0066
7-00194	70434	Nb-94	-0.0013 U	0.0115	0.0034	70503	Nb-94	0.0064 U	0.0155	0.0047
7-00194	70434	Np-236	-0.0114 U	0.0292	0.0094	70503	Np-236	-0.0119 U	0.0351	0.0113
7-00194	70434	Np-239	0.0076 U	0.103	0.0299	70503	Np-239	-0.0341 U	0.126	0.0386
7-00194	70434	Pa-231	-0.376 U	0.621	0.207	70503	Pa-231	0.488 J	0.816	0.281
7-00194	70434	Pb-212	0.935	0.0257	0.0536	70503	Pb-212	0.972	0.0318	0.0594
7-00194	70434	Pb-214	0.856	0.0267	0.0410	70503	Pb-214	0.808	0.0338	0.0405
7-00194	70434	Sb-125	-0.0088 U	0.0349	0.0107	70503	Sb-125	0.0194 U	0.0445	0.014
7-00194	70434	Sn-126	0.0052 U	0.0135	0.0040	70503	Sn-126	-0.0001 U	0.017	0.005
7-00194	70434	Sr-90	0.132 U	0.319	0.0968	70503	Sr-90	0.0128 U	0.312	0.0872
7-00194	70434	Tl-208	0.268	0.0131	0.0165	70503	Tl-208	0.283	0.0183	0.0191
7-00194	70434	Tm-171	-1.21 U	10	3.39	70503	Tm-171	-0.172 U	14.1	4.78
7-00216	70409	Ac-227	0.0136 U	0.187	0.0562	70500	Ac-227	-0.0582 U	0.238	0.0735
7-00216	70409	Ac-228	1.21	0.0828	0.0642	70500	Ac-228	1.23	0.111	0.0648
7-00216	70409	Bi-212	0.841	0.116	0.0688	70500	Bi-212	1.00	0.15	0.0961
7-00216	70409	Bi-214	0.869	0.0291	0.0422	70500	Bi-214	0.976	0.0367	0.0473
7-00216	70409	Cd-113m	58.0 U	127	41.2	70500	Cd-113m	-210.0 U J	158	74.3

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00216	70409	Co-60	-0.0065 U	0.0151	0.0048	70500	Co-60	0.0042 U	0.0189	0.0055
7-00216	70409	Cs-134	0.0061 U	0.0143	0.0049	70500	Cs-134	0.0028 U	0.0178	0.0061
7-00216	70409	Cs-137	0.297	0.0171	0.0186	70500	Cs-137	0.260	0.0208	0.0189
7-00216	70409	Eu-152	-0.0214 U	0.0438	0.0164	70500	Eu-152	-0.0531 U	0.0575	0.0299
7-00216	70409	Eu-154	-0.0031 U	0.0883	0.0265	70500	Eu-154	0.026 U	0.11	0.0329
7-00216	70409	Eu-155	0.0913 SK	0.0611	0.0242	70500	Eu-155	0.0702 JSK	0.0926	0.0316
7-00216	70409	Ho-166m	0.0083 U	0.0242	0.0073	70500	Ho-166m	-0.0019 U	0.0303	0.009
7-00216	70409	K-40	21.3	0.114	1.15	70500	K-40	22.3	0.141	1.22
7-00216	70409	Na-22	-0.0032 U	0.0187	0.0055	70500	Na-22	-0.0004 U	0.0242	0.0071
7-00216	70409	Nb-94	-0.0021 U	0.0134	0.004	70500	Nb-94	0.0042 U	0.0174	0.0052
7-00216	70409	Np-236	-0.0087 U	0.0337	0.0109	70500	Np-236	-0.0067 U	0.0478	0.0142
7-00216	70409	Np-239	-0.102 U J	0.123	0.0448	70500	Np-239	-0.0073 U	0.158	0.0474
7-00216	70409	Pa-231	-0.850 U J	0.747	0.310	70500	Pa-231	-0.0246 U	1.01	0.354
7-00216	70409	Pb-212	1.37	0.0314	0.0876	70500	Pb-212	1.55	0.0403	0.0901
7-00216	70409	Pb-214	0.987	0.0321	0.0499	70500	Pb-214	1.09	0.0416	0.0538
7-00216	70409	Sb-125	-0.0061 U	0.0408	0.0126	70500	Sb-125	-0.0103 U	0.0539	0.0167
7-00216	70409	Sn-126	-0.0018 U	0.0145	0.0043	70500	Sn-126	0.0091 U	0.0197	0.006
7-00216	70409	Sr-90	0.122	0.192	0.0612	70500	Sr-90	0.012 U	0.191	0.0529
7-00216	70409	Tl-208	0.424	0.0146	0.0243	70500	Tl-208	0.451	0.0196	0.027

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00216	70409	Tm-171	-2.11 U	10.9	3.86	70500	Tm-171	-3.35 U	20.9	8.03
7-00280	70403	Ac-227	0.0235 U	0.206	0.0635	70501	Ac-227	-0.0733 U	0.153	0.0488
7-00280	70403	Ac-228	1.14	0.1	0.057	70501	Ac-228	1.07	0.0764	0.0547
7-00280	70403	Bi-212	0.879	0.136	0.073	70501	Bi-212	0.759	0.101	0.0632
7-00280	70403	Bi-214	0.893	0.0318	0.0434	70501	Bi-214	0.903	0.0238	0.0421
7-00280	70403	Cd-113m	-56.6 U	135	44.4	70501	Cd-113m	-30.9 U	100	33.0
7-00280	70403	Co-60	-0.0053 U	0.019	0.0058	70501	Co-60	0.0049 U	0.0142	0.0041
7-00280	70403	Cs-134	-0.0071 U	0.0152	0.0055	70501	Cs-134	-0.0005 U	0.0117	0.0039
7-00280	70403	Cs-137	0.0082 U	0.0192	0.0058	70501	Cs-137	0.0195	0.0144	0.0054
7-00280	70403	Eu-152	-0.0123 U	0.0492	0.0182	70501	Eu-152	-0.0065 U	0.0369	0.0127
7-00280	70403	Eu-154	-0.0048 U	0.105	0.0315	70501	Eu-154	-0.064 U J	0.0758	0.0283
7-00280	70403	Eu-155	0.0901 SK	0.0763	0.0265	70501	Eu-155	0.0504 SK	0.0526	0.0218
7-00280	70403	Ho-166m	0.0070 U	0.0286	0.0085	70501	Ho-166m	0.0041 U	0.0206	0.006
7-00280	70403	K-40	21.4	0.133	1.33	70501	K-40	20.2	0.104	1.10
7-00280	70403	Na-22	-0.005 U	0.022	0.0066	70501	Na-22	0.0033 U	0.0165	0.0048
7-00280	70403	Nb-94	-0.0043 U J	0.0155	0.0047	70501	Nb-94	0.004 U J	0.0123	0.0037
7-00280	70403	Np-236	-0.012 U	0.0411	0.0131	70501	Np-236	-0.0068 U	0.0289	0.009
7-00280	70403	Np-239	-0.009 U	0.137	0.0423	70501	Np-239	-0.0048 U	0.102	0.0299
7-00280	70403	Pa-231	-0.633 U J	0.815	0.321	70501	Pa-231	0.259 U J	0.636	0.195

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00280	70403	Pb-212	1.29	0.0346	0.0854	70501	Pb-212	1.20	0.026	0.0649
7-00280	70403	Pb-214	1.02	0.0365	0.0526	70501	Pb-214	0.967	0.0272	0.0442
7-00280	70403	Sb-125	-0.0222 U	0.0446	0.0146	70501	Sb-125	-0.0045 U	0.0351	0.0106
7-00280	70403	Sn-126	0.0028 U	0.0181	0.0053	70501	Sn-126	0.0019 U	0.0135	0.0039
7-00280	70403	Sr-90	0.0213 U	0.24	0.0679	70501	Sr-90	0.0274 U	0.218	0.0605
7-00280	70403	Tl-208	0.395	0.018	0.023	70501	Tl-208	0.394	0.0129	0.0221
7-00280	70403	Tm-171	-13.7 U	19.3	7.29	70501	Tm-171	-5.32 U	8.66	3.21
7-00263	70398	Ac-227	0.0546 U	0.195	0.0594	70502	Ac-227	-0.0794 U	0.165	0.0527
7-00263	70398	Ac-228	1.06	0.0878	0.0577	70502	Ac-228	1.03	0.0858	0.0533
7-00263	70398	Bi-212	0.792	0.121	0.0651	70502	Bi-212	0.809	0.111	0.0687
7-00263	70398	Bi-214	0.803	0.0296	0.0398	70502	Bi-214	0.794	0.0269	0.0384
7-00263	70398	Cd-113m	40.4 U	131	40.0	70502	Cd-113m	-2.65 U	114	33.4
7-00263	70398	Co-60	0.0019 U	0.0166	0.0048	70502	Co-60	-0.0095 U	0.0149	0.005
7-00263	70398	Cs-134	0.0033 U	0.0143	0.0048	70502	Cs-134	0.0043 U	0.0131	0.0044
7-00263	70398	Cs-137	0.984	0.0153	0.0551	70502	Cs-137	0.702	0.016	0.0396
7-00263	70398	Eu-152	-0.0012 U	0.0484	0.0181	70502	Eu-152	-0.015 U	0.0414	0.0134
7-00263	70398	Eu-154	-0.0954 U J	0.0822	0.0354	70502	Eu-154	-0.0124 U	0.0859	0.0258
7-00263	70398	Eu-155	0.0981 SK	0.0619	0.0249	70502	Eu-155	0.021 U	0.0577	0.0181
7-00263	70398	Ho-166m	-0.0151 U	0.0228	0.0079	70502	Ho-166m	-0.0049 U	0.0225	0.0067



**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00263	70398	K-40	22.6	0.123	1.22	70502	K-40	21.5	0.109	1.17
7-00263	70398	Na-22	-0.0026 U	0.0186	0.0055	70502	Na-22	-0.0058 U	0.0173	0.0053
7-00263	70398	Nb-94	0.0056 U	0.0147	0.0045	70502	Nb-94	0.0066 U	0.0137	0.0042
7-00263	70398	Np-236	-0.0013 U	0.0348	0.011	70502	Np-236	-0.0149 U	0.0308	0.0102
7-00263	70398	Np-239	0.0225 U	0.132	0.0396	70502	Np-239	0.0145 U	0.115	0.0336
7-00263	70398	Pa-231	-0.5220 U	0.788	0.2820	70502	Pa-231	0.454 J	0.733	0.243
7-00263	70398	Pb-212	1.16	0.0365	0.0751	70502	Pb-212	1.14	0.0285	0.0619
7-00263	70398	Pb-214	0.899	0.0338	0.0461	70502	Pb-214	0.877	0.0294	0.0414
7-00263	70398	Sb-125	0.0013 U	0.0465	0.0142	70502	Sb-125	-0.024 U	0.0395	0.0134
7-00263	70398	Sn-126	-0.0047 U	0.0152	0.0047	70502	Sn-126	-0.0069 U	0.0143	0.0046
7-00263	70398	Sr-90	-0.001 U	0.163	0.0432	70502	Sr-90	-0.0028 U	0.149	0.0386
7-00263	70398	Tl-208	0.378	0.0151	0.0226	70502	Tl-208	0.361	0.0144	0.0213
7-00263	70398	Tm-171	-10.4 U J	10.9	4.65	70502	Tm-171	2.53 U	9.4	3.19
7-00270	70387	Ac-227	-0.129 U J	0.179	0.0615	70504	Ac-227	-0.0033 U	0.171	0.0524
7-00270	70387	Ac-228	1.25	0.0957	0.0633	70504	Ac-228	1.11	0.0849	0.0578
7-00270	70387	Bi-212	0.788	0.13	0.0819	70504	Bi-212	0.825	0.117	0.0675
7-00270	70387	Bi-214	0.883	0.0291	0.0429	70504	Bi-214	0.798	0.0254	0.0384
7-00270	70387	Cd-113m	30.8 U	125	37.9	70504	Cd-113m	7.72 U	116	35.4
7-00270	70387	Co-60	0.0056 U	0.018	0.0052	70504	Co-60	-0.0085 U	0.015	0.0049

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00270	70387	Cs-134	0.0048 U	0.0148	0.0049	70504	Cs-134	0.0007 U	0.0134	0.0047
7-00270	70387	Cs-137	0.0495	0.0166	0.0070	70504	Cs-137	0.220	0.0141	0.0136
7-00270	70387	Eu-152	0.0165 U J	0.0461	0.015	70504	Eu-152	-0.0126 U J	0.0413	0.0144
7-00270	70387	Eu-154	-0.0501 U	0.0933	0.0313	70504	Eu-154	-0.0438 U	0.084	0.0277
7-00270	70387	Eu-155	0.0259 U	0.0671	0.0209	70504	Eu-155	0.0441 JSK	0.0613	0.0207
7-00270	70387	Ho-166m	-0.0022 U	0.0256	0.0075	70504	Ho-166m	-0.0004 U	0.0231	0.007
7-00270	70387	K-40	23.9	0.118	1.32	70504	K-40	22.4	0.117	1.21
7-00270	70387	Na-22	0.0048 U	0.0211	0.0061	70504	Na-22	-0.0038 U	0.018	0.0056
7-00270	70387	Nb-94	0.0002 U	0.0148	0.0043	70504	Nb-94	0.0054 U	0.0136	0.0043
7-00270	70387	Np-236	-0.0108 U	0.0352	0.0110	70504	Np-236	-0.0088 U	0.0323	0.0099
7-00270	70387	Np-237	0.0073 J	0.0168	0.0058	70504	Np-237	-0.0058 U J	0.0253	0.0058
7-00270	70387	Np-239	0.0099 U	0.125	0.0363	70504	Np-239	-0.0149 U	0.115	0.0353
7-00270	70387	Pa-231	0.135 U	0.764	0.2240	70504	Pa-231	0.0607 U	0.718	0.229
7-00270	70387	Pb-212	1.36	0.0322	0.0751	70504	Pb-212	1.25	0.029	0.0715
7-00270	70387	Pb-214	1.02	0.032	0.0474	70504	Pb-214	0.899	0.0295	0.043
7-00270	70387	Pu-238	-0.0017 U	0.0148	0.0033	70504	Pu-238	0.0035	0.00941	0.0055
7-00270	70387	Pu-239/240	0.003 U	0.0148	0.0047	70504	Pu-239/240	0.0069	0.0094	0.0065
7-00270	70387	Sb-125	-0.0134 U	0.0425	0.0133	70504	Sb-125	0.0010 U	0.0402	0.0119
7-00270	70387	Sn-126	-0.0094 U	0.0156	0.0052	70504	Sn-126	-0.006 U	0.0146	0.0048

**Table A.3**  
**Parent and Field Duplicate Results Summary**  
**Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00270	70387	Tl-208	0.432	0.0156	0.025	70504	Tl-208	0.406	0.0146	0.0232
7-00270	70387	Tm-171	-7.59 U	13.1	4.71	70504	Tm-171	-0.659 U	10.4	3.44
7-00204	70344	Ac-227	0.0481 U	0.175	0.0549	70498	Ac-227	-0.0058 U	0.17	0.0511
7-00204	70344	Ac-228	0.961	0.08	0.0516	70498	Ac-228	0.910	0.0803	0.0501
7-00204	70344	Bi-212	0.681	0.11	0.066	70498	Bi-212	0.538	0.107	0.0547
7-00204	70344	Bi-214	0.791	0.0262	0.0391	70498	Bi-214	0.775	0.0248	0.0379
7-00204	70344	Cd-113m	8.28 U	117	36.3	70498	Cd-113m	-13.1 U	114	34.5
7-00204	70344	Co-60	-0.0074 U	0.0153	0.0049	70498	Co-60	0.0035 U	0.0145	0.0042
7-00204	70344	Cs-134	-0.0046 U	0.0129	0.0047	70498	Cs-134	-0.0003 U	0.0123	0.0042
7-00204	70344	Cs-137	0.626	0.0161	0.0359	70498	Cs-137	0.629	0.0147	0.0361
7-00204	70344	Eu-152	0.0282 J	0.0438	0.0145	70498	Eu-152	-0.0049 U	0.0417	0.0157
7-00204	70344	Eu-154	-0.0545 U	0.0841	0.0291	70498	Eu-154	-0.0108 U	0.0802	0.0244
7-00204	70344	Eu-155	0.0433 JSK	0.0607	0.0204	70498	Eu-155	0.0884 SK	0.0554	0.0247
7-00204	70344	Ho-166m	0.0148 JSK	0.0237	0.0074	70498	Ho-166m	-0.0013 U	0.021	0.0062
7-00204	70344	K-40	21.8	0.103	1.17	70498	K-40	21.2	0.0975	1.14
7-00204	70344	Na-22	-0.0098 U	0.0184	0.006	70498	Na-22	-0.0063 U	0.0166	0.0052
7-00204	70344	Nb-94	-0.0042 U	0.0131	0.004	70498	Nb-94	0.0053 U	0.0125	0.0038
7-00204	70344	Np-236	-0.0096 U	0.0315	0.0097	70498	Np-236	-0.0073 U	0.0307	0.0099
7-00204	70344	Np-239	-0.0142 U	0.116	0.036	70498	Np-239	-0.0048 U	0.117	0.035

**Table A.3  
Parent and Field Duplicate Results Summary  
Subarea 7, Round 2**

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
7-00204	70344	Pa-231	0.0438 U	0.735	0.212	70498	Pa-231	-0.0428 U	0.733	0.222
7-00204	70344	Pb-212	1.10	0.0282	0.0633	70498	Pb-212	1.04	0.0284	0.0671
7-00204	70344	Pb-214	0.920	0.03	0.0443	70498	Pb-214	0.841	0.0306	0.0431
7-00204	70344	Sb-125	-0.0113 U	0.0406	0.0124	70498	Sb-125	-0.0143 U	0.039	0.0126
7-00204	70344	Sn-126	-0.0043 U	0.0148	0.0044	70498	Sn-126	0.0021 U	0.014	0.0041
7-00204	70344	Tl-208	0.328	0.0148	0.0198	70498	Tl-208	0.299	0.0141	0.018
7-00204	70344	Tm-171	-3.61 U	11.2	3.73	70498	Tm-171	-6.46 U	9.6	3.76

**Notes:**

Refer to Table 2.1 of the Final Field Sampling Plan for Soil Sampling (HGL, 2012a) for a definition of radionuclide symbols.

Reporting units in picocuries per gram.

ID - identification

MDC - minimum detectable concentration

TPU - total propagated uncertainty

J - The analyte was detected at the reported concentration; the quantitation is an estimate.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

S - Analyte result is subject to spectral interference. Unless otherwise qualified, the data is believed to be consistent with the background study results and may be used for its intended purpose.

U - Not considered detected. The associated number is the reported concentration.

**Table A.4**  
**Rinsate and Source Comparison Summary**  
**Subarea 7, Round 2**

Sample Type	Sample ID	U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0557	0.0513	0.108	0.0334	0.016 U	0.0807	0.0206	0.00563 U	0.0967	0.0236
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0558	-0.00083 U	0.105	0.0261	-0.0158 U	0.0843	0.0147	-0.00109 U	0.0616	0.0128
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0559	-0.0502 U	0.143	0.0335	-0.00575 U	0.0509	0.00986	0.0184 U	0.0585	0.0166
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0560	-0.00178 U	0.0743	0.0154	0.0203	0.0275	0.0144	0.0046 U	0.0647	0.0143
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0561	0.0000945 U	0.099	0.0239	0.0146 U	0.0739	0.0188	-0.00121 U	0.0686	0.0143
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0562	0.00975 U	0.0856	0.0211	0.0105	0.0286	0.0106	0.0109 U	0.0544	0.0136
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0563	0.00267 U	0.0546	0.0107	0.0106	0.0287	0.0106	0.0196	0.0546	0.0161
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0564	-0.00525 U	0.0905	0.0196	0.0234	0.0654	0.0193	0.00233 U	0.0529	0.0102
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0565	-0.00106 U	0.167	0.04	0.0158	0.0427	0.0158	0.0255	0.0346	0.0181
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0566	-0.0106 U	0.088	0.0159	-0.00993 U	0.0879	0.017	0.00312 U	0.0711	0.0138
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0569	-0.0369 U	0.148	0.0293	0.00393 U	0.0894	0.0173	0	0.0308	0.0114
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813

**Table A.4**  
**Rinsate and Source Comparison Summary**  
**Subarea 7, Round 2**

Sample Type	Sample ID	U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0573	0.00566 U	0.0855	0.0202	-0.00175 U	0.083	0.0161	0.0169	0.0229	0.012
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0574	-0.02 U	0.136	0.0318	0.0106	0.0287	0.0106	0.00103 U	0.0861	0.0193
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0576	-0.0259 U	0.0857	0.0235	0.00557 U	0.0393	0.0121	0.0135	0.0318	0.0108
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0577	-0.0238 U	0.063	0.0164	-0.00573 U	0.0309	0.0086	-0.00696 U	0.0437	0.0118
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0578	-0.024 U	0.0614	0.0158	-0.0236 U	0.0555	0.0135	0.00238 U	0.0397	0.0117
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0579	-0.02 U	0.0639	0.0165	0.00384 U	0.0414	0.0133	0.0124	0.0335	0.0121
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0583	-0.0279 U	0.11	0.025	0.0092	0.0249	0.0146	0.0116 U	0.0587	0.0176
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0584	-0.00902 U	0.11	0.0274	0.0202	0.0274	0.019	0.00458 U	0.0645	0.0175
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0585	0.0263 U	0.113	0.0332	0.0288	0.0559	0.0217	0.0233	0.0452	0.0175
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0586	-0.0691 U	0.216	0.0492	0.00443 U	0.101	0.0276	-0.00205 U	0.116	0.0288
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0587	-0.0254 U	0.155	0.0368	-0.00222 U	0.126	0.0313	0.0256	0.0716	0.0253
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201

**Table A.4**  
**Rinsate and Source Comparison Summary**  
**Subarea 7, Round 2**

Sample Type	Sample ID	U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0588	-0.0153 U	0.0942	0.0225	-0.00358 U	0.0641	0.0153	0.0103 U	0.0519	0.0155
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0617	-0.0348 U	0.117	0.0233	0	0.0274	0.0101	-0.00359 U	0.0644	0.0117
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0619	-0.0285 U	0.168	0.04	0.00651 U	0.0918	0.0203	-0.00828 U	0.0944	0.019
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0621	-0.0335 U	0.0842	0.0216	0.00823	0.0112	0.0109	0.00333 U	0.0359	0.0115
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0623	-0.0442 U	0.0983	0.0261	0.00338 U	0.0364	0.0117	0.00547	0.00741	0.00724
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0625	-0.0309 U	0.0754	0.0194	-0.0139 U	0.0578	0.0151	-0.0168 U	0.0528	0.0135
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0627	-0.012 U	0.0715	0.0175	0.0119	0.0162	0.012	0.0145 U	0.0449	0.0145
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0629	-0.031 U	0.067	0.0172	-0.00582 U	0.0485	0.0133	0.00942	0.00638	0.00709
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0630	-0.0264 U	0.0675	0.0176	-0.00587 U	0.0316	0.0088	0 U	0.0256	0.00787
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0632	-0.0261 U	0.077	0.0178	0.00548 U	0.0509	0.0145	-0.00886 U	0.0581	0.014
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0634	-0.0154 U	0.0814	0.017	0.00431 U	0.0607	0.0134	0.00174 U	0.0397	0.00769
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201

**Table A.4**  
**Rinsate and Source Comparison Summary**  
**Subarea 7, Round 2**

Sample Type	Sample ID	U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0636	0.0548	0.074	0.0297	-0.0133 U	0.0731	0.0148	0.0096 U	0.0478	0.0151
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0648	-0.00726 U	0.132	0.0319	0.0361	0.0702	0.0235	0.00748 U	0.0806	0.019
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0650	0.0627	0.0807	0.0303	0.0482	0.0997	0.0319	0.0508	0.0275	0.023
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0652	0.00539 U	0.159	0.0402	0.0302	0.0843	0.0249	0.0257 U	0.117	0.0314
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0654	0.0097 U	0.126	0.03	0.0198 U	0.0987	0.0246	0.016 U	0.0799	0.0199
Source	S0280	-0.0214 U	0.0718	0.0125	0 J	0.0221	0.00816	-0.00475 U	0.042	0.00813
Rinsate	R0656	-0.0191 U	0.06	0.0159	0.0163	0.00737	0.00908	-0.0066 U	0.0367	0.00985
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0658	-0.026 U	0.0588	0.0149	0.00282 U	0.0303	0.00975	0.00228	0.00617	0.00558
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0660	-0.0245 U	0.0689	0.018	0.00315 U	0.0339	0.0109	0.0153	0.00691	0.00851
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0662	-0.0111 U	0.0693	0.019	0.0107 U	0.0385	0.0134	-0.0116 U	0.0544	0.0144
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0664	0.0116 U	0.0456	0.0148	0.00882 U	0.0415	0.0132	0.0143	0.0256	0.00984
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0666	0.0176	0.0463	0.0169	0 U	0.0393	0.0107	0.0173	0.0318	0.0123
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201



**Table A.4**  
**Rinsate and Source Comparison Summary**  
**Subarea 7, Round 2**

Sample Type	Sample ID	U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0668	-0.0169 U	0.0627	0.0164	0.00753 U	0.0531	0.0164	0.0152	0.0328	0.0122
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0670	-0.0108 U	0.114	0.0278	-0.00176 U	0.0998	0.0248	0.0268	0.0242	0.019
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0726	-0.0286 U	0.116	0.0278	0.00803	0.0218	0.0128	0.0343	0.0414	0.0186
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0727	-0.0222 U	0.0996	0.0229	0.0135 U	0.0681	0.0204	0.014	0.0189	0.0131
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0804	-0.0397 U	0.11	0.0235	-0.0053 U	0.0962	0.0236	-0.00114 U	0.0647	0.0161
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0805	-0.0254 U	0.109	0.0238	0.0273	0.0764	0.027	0.00815 U	0.0878	0.0239
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0806	-0.0552 U	0.126	0.0277	-0.0124 U	0.0676	0.0137	0 U	0.0188	0.00856
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201
Rinsate	R0828	0.0168 U	0.108	0.0307	0.0111 U	0.0552	0.0174	0.03	0.0447	0.0187
Source	S0281	-0.0573 U	0.181	0.0354	0.00875 U	0.123	0.0273	0.0162 U	0.0805	0.0201

**Notes:**

Refer to Table 2.1 of the Final Field Sampling Plan for Soil Sampling (HGL, 2012a) for a definition of radionuclide symbols.

Reporting units in picocuries per liter.

MDC - minimum detectable concentration

TPU - total propagated uncertainty

J - The analyte was detected at the reported concentration; the quantitation is an estimate.

U - Not considered detected. The associated number is the reported concentration.

**ATTACHMENT 2**

**Boring Logs**

*The boring logs are provided in a separate pdf due to size restrictions.*

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