
FINAL
TECHNICAL MEMORANDUM
SUBAREA 7, ROUND 1, SOIL SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY SITE
AREA IV RADIOLOGICAL STUDY

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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. This Technical Memorandum documents the soil sampling activities, analytical results, and conclusions of the Subarea 7 round 1 soil sampling. The primary objective of the Subarea 7 soil sampling effort is to evaluate the nature of potential radionuclide contamination in soil that may have resulted from past nuclear operations. This objective was achieved through the collection and analysis of surface, subsurface, and drainage soil samples.

The approach for round 1 soil sampling was to identify potential sample locations from the lines of evidence listed above, prepare a Field Sampling Plan (FSP) Addendum for the subarea, present the FSP, and review and finalize proposed locations with USEPA's SSFL Technical Stakeholder Workgroup.

2.0 SOIL SAMPLING ACTIVITIES

2.1 Soil Sample Location Placement and Utility Clearance

A total of 300 surface, subsurface, and drainage samples were proposed in the Subarea 7 FSP Addendum (HGL, 2011a). Table 1 below summarizes the proposed samples and lists the samples actually collected. Figure 1 illustrates soil sample locations (proposed and collected). Deviations from the FSP for Soil Sampling are discussed below.

Table 1
Summary of Planned and Collected Samples by Group

Drainage		Surface		Subsurface		Total	
Planned	Collected	Planned	Collected	Planned	Collected	Planned	Collected
9	9	115	115	176	133	300	257

Note:

There were five additional unplanned subsurface soil samples collected which are included in the total collected number.

The proposed sampling locations were discussed during a technical review meeting held on August 17, 2011 with members of USEPA’s SSFL Technical Stakeholder Workgroup consisting of representatives of Department of Energy (DOE), the State of California Department of Toxic Substances Control (DTSC), The Boeing Company, 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 and drainage samples were collected using a stainless steel trowel or shovel. Subsurface samples were collected using a Geoprobe™ 6600 Series direct-push technology (DPT) 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 Subarea 7 FSP Addendum (HGL, 2011a). Soil cores were logged and the boring logs are provided in Attachment 2. A total of 257 surface, subsurface, and drainage soil samples were collected within Subarea 7 from September 3, 2011 through November 4, 2011.

During the August 17, 2011 technical review meeting recommendations and action items including those on the topic of Likely Decontamination and Decommissioning Zones (LD&DZ) and Likely Chemical Remediation Zones (LCRZ) were discussed. The Radiological Materials Handling Facility (RMHF) and the Hazardous Waste Management Facility were identified as LD&DZ. A small area along the southern fence line of the RMHF was identified by DOE and DTSC as a LCRZ (HGL, 2011a). 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. Therefore, USEPA placed a reduced number of surface and subsurface samples around the perimeter of these zones to better define the potential extent of contamination. In accordance with the USEPA's role under the Administrative Order on Consent (AOC) for Remedial Action (DTSC, 2010) agreement 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. If the LD&DZs and LCRZs are not excavated or removed, a data gap may exist. Additional investigations in the future may be necessary to address the potential data gaps. 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

Table 2 summarizes the deviations from the FSP and details why the planned sample was not collected. Subsurface soil samples were not collected from a total of 48 locations. At 46 of these locations samples were not collected due to insufficient sample volume as a result of shallow refusal. 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. A subsurface sample was not collected from Location 40, as it was located within an archeological zone where no soil disturbance is permitted. However, a total of 13 soil samples were collected around the perimeter of the archeological zone as part of the NBZ round 1 sampling event. A subsurface sample was not collected from Location 133, as it was located under a concrete drainage and considered inaccessible. There were five additional unplanned subsurface soil samples collected from Locations 103, 104, 106, 107 and 121. These five samples are included in the total collected number presented in Table 1.

2.4 Soil Boring Summary

A total of 175 subsurface borings were attempted, of which 28 borings were advanced to the proposed depth of 10 feet below ground surface (bgs), or deeper in select locations (HGL, 2011a). The total depth of these 28 borings ranged from 10 to 20 feet bgs. Of the borings that were not completed to the proposed depth, 115 borings could only be advanced to a depth less than 5.0 feet bgs and 32 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 nine of the borings due to rubble present in fill material and in 139 borings due to bedrock 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, sandy clay, silty clay, and clay. A total of 87 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 anthropogenic material such as concrete, asphalt, or glass. Native soil was encountered below fill material in 56 of the 87 borings. A total of 92 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 ROUND 1 SOIL ANALYTICAL RESULTS

Analyses of soil samples were conducted in accordance with the draft revised Final Quality Assurance Project Plan (QAPP) for Soil Sampling which was finalized in March 2012 (HGL, 2012b). All soil samples were analyzed for the default suite of analytes presented in Table 2.3 of the FSP for Soil Sampling (HGL, 2012a). In addition to the default analytes, soil samples collected in the vicinity of Former Building 4028 (Shield Test Irradiation Reactor) were also analyzed for the site-specific analytes carbon (C)-14, iodine (I)-129, nickel (Ni)-63, Ni-59, technetium (Tc)-99, and tritium (H-3) in accordance with the rationale presented in Table 2.3 of the Final FSP for Soil Sampling (HGL, 2012a).

3.1 Radiological Trigger Levels

Analytical results were compared to the radiological trigger levels (RTL) established specifically for the Area IV Santa Susana Field Laboratory Radiological Study. RTLs are reference soil concentrations for the radionuclides of concern for the Radiological Study. Analytical results below each RTL are considered uncontaminated or non-actionable, and results that exceed RTL are actionable and may represent contamination. The process used to derive the RTLs is presented in the Technical Memorandum, Radiological Trigger Levels (HGL, 2011b), and is briefly summarized below.

During the SSFL Radiological Background Study (HGL, 2011d), soil samples were collected from off-site locations representing the two geological formations present at the SSFL Site: the Chatsworth Formation and the Santa Susana Formation. Based on the results of the background samples Background Threshold Values (BTV) were developed, which are the upper concentration limits of radionuclides of concern from off-site locations. BTVs were calculated from 149 samples. For a single sample, in many instances the laboratory minimum detectable concentrations (MDC) are greater than the respective BTV. Hence, the RTL for a particular radionuclide was established at the greater of BTV or MDC values plus an additional method uncertainty (for comparison of individual sample results to the RTL). Using this approach, it is assured that an RTL exceedance is greater than locally determined background concentrations.

3.2 Analytical Results

A total of 257 samples were collected during the Subarea 7, round 1 soil sampling event. All of the soil samples collected were analyzed for the SSFL default suite as listed in Table 2.3 of the Final FSP for Soil Sampling (HGL, 2012a). In addition, select soil samples were also analyzed for C-14, H-3, I-129, Ni-63, Ni-59, and Tc-99.

Analytical results presented in the following subsections are described in three different ways:

1. The number of physical locations where a sample(s) was collected that contained at least one radionuclide that exceeded RTLs,
2. The number of samples containing radionuclides that exceeded the RTLs, and
3. The number of radionuclides that exceeded RTLs.

One location can have multiple samples containing multiple radionuclides that exceed RTLs. For example, a single physical location could have a surface sample that has three exceedances and a subsurface sample that has four exceedances. Therefore, the results would be presented as: one location (two samples) containing seven radionuclides that exceeded RTLs.

Analytical results of soil samples collected during the round 1 sampling event reported a total of 137 site-related man-made radionuclide RTL exceedances in 94 samples.

Soil samples reported to contain radionuclide activities at or above the respective RTL were in the following areas:

- Panhandle Area,
- Building 4133 and Interim Storage Facility,
- RMHF,
- Outfall 3 Drainage,
- RMHF Holding Pond, and
- Southern Portion.

Table 3 summarizes the number of RTL exceedances detected during round 1 sampling by location, samples and radionuclides exceeding the RTLs.

**Table 3
Round 1 Locations, Samples and Radionuclides with Exceedances**

Area of RTL Exceedance	Locations	Samples	Radionuclides Exceeding RTLs
Panhandle Area	5	6	11
Building 4133 and Interim Storage Facility	19	21	24
RMHF	28	39	44
Outfall 3 Drainage	21	24	32
RMHF Holding Pond	20	24	25
Southern Portion	1	1	1
Totals	94	115	137

Notes:

Reporting units in picocuries per gram.

Table 4 presents the sample location, sample type, radionuclide concentration, and technical justification for collecting additional soil samples. Figure 1 presents the locations of all the soil samples collected during round 1. Figures 2 through 12 present the location, radionuclide, and concentration detected above the RTLs in samples collected from the areas discussed above. A summary of the analytical results is provided in Table A.2.

At 82 locations (98 samples) cesium (Cs)-137 exceeded the RTL of 0.207 picocuries per gram (pCi/g) with concentrations of 0.207 pCi/g to 20.2 pCi/g. Strontium (Sr)-90 exceeded the

RTL of 0.485 pCi/g at 35 locations (37 samples) with concentrations of 0.489 pCi/g to 14.3 pCi/g. Plutonium (Pu)-239/240 exceeded the RTL of 0.0404 pCi/g at two locations (two samples) with concentrations of 0.0475 pCi/g and 0.0702 pCi/g. Soil samples reported to contain radionuclide concentrations at or above the respective RTL were clustered in six primary areas within Subarea 7 as summarized below:

- **Panhandle Area (Figure 2)**
 - Cesium-137 was reported exceeding RTLs at five locations (five samples) with concentrations from 0.214 pCi/g to 20.2 pCi/g.
 - Strontium-90 was reported exceeding RTLs at five locations (six samples) with concentrations from 0.647 pCi/g to 4.20 pCi/g.
- **Building 4133 and Interim Storage Facility (Figures 3 & 4)**
 - Cesium-137 was reported exceeding RTLs at 18 locations (20 samples) with concentrations from 0.211 pCi/g to 2.53 pCi/g.
 - Strontium-90 was reported exceeding RTLs at four locations (four samples) with concentrations from 0.696 pCi/g to 1.36 pCi/g.
- **Radioactive Material Handling Facility (Figures 5, 6, & 7)**
 - Cesium-137 was reported exceeding RTLs at 28 locations (38 samples) with concentrations from 0.207 pCi/g to 19.8 pCi/g.
 - Strontium-90 was reported exceeding RTLs at four locations (four samples) with concentrations from 0.491 pCi/g to 1.19 pCi/g.
 - Plutonium-239/240 was reported exceeding the RTL at one location (one sample) at a concentration from 0.475 pCi/g.
- **Outfall 3 Drainage (Figures 8 & 9)**
 - Cesium-137 was reported exceeding RTLs at 16 locations (19 samples) with concentrations from 0.210 pCi/g to 4.70 pCi/g.
 - Strontium-90 was reported exceeding RTLs at 12 locations (13 samples) with concentrations from 0.489 pCi/g to 14.3 pCi/g.
- **Radioactive Material Handling Facility Holding Pond (Figures 10 & 11)**
 - Cesium-137 was reported exceeding RTLs at 15 locations (16 samples) with concentrations from 0.213 pCi/g to 2.68 pCi/g.
 - Strontium-90 was reported exceeding RTLs at eight locations (eight samples) with concentrations from 0.517 pCi/g to 3.57 pCi/g.
 - Plutonium-239/240 was reported exceeding the RTL at one location (one sample) with concentration of 0.0702 pCi/g.
- **Southern Portion (Figure 12)**
 - Strontium-90 was reported exceeding the RTL at one location (one sample) with a concentration of 0.517 pCi/g.

There were 10 locations (10 samples) where 18 naturally occurring radionuclides, also known as Naturally Occurring Radioactive Material (NORM), were detected above the RTLs. All 10 locations are associated with other man-made radionuclide exceedances which will drive

remedial actions. The location, sample identification, radionuclide, activity, MDC, RTL, and sample depth are presented in Table 5.

3.3 Radiological Trigger Levels Data Quality Gap Result Evaluations

A data quality gap is a sample result for which the 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. It is understood that 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 2σ total propagated uncertainty [TPU]) to decide that the result does not represent an exceedance. For these cases, results are removed from further data quality gap assessment.

Remaining data quality gap results are evaluated on a case by case basis to determine whether further action is warranted or beneficial. Out of 270 samples with 12,759 total results, there are 43 such data quality gaps in Subarea 7.

- There are 34 data quality gap samples which have RTL exceedances for other analytes. Further clarification of these data quality gaps is not believed to be necessary, as step-out sampling is already scheduled at those locations. The step-out sample analyses will include the data quality gap analytes, as well as the confirmed exceedances. The samples for which this condition applies are summarized in Table 6.
- Eight data quality gap samples are associated with lower energy gamma spectrometry results, which are subject to sample-specific spectral interference from an elevated Compton Continuum. This is an inherent limitation of gamma spectrometry and further analysis is not expected to significantly improve these results. The data quality gaps do not support a determination of an exceedance and no further action is planned. An additional 31 results demonstrate the same gamma spectral quality issue, but they are associated with the previously determined exceedances described above, and step-out sampling is already planned for those sample locations.
- Sample 70066 has a data quality gap for Pu-238, resulting from a low chemical yield of 58.5 percent. The reported data is the laboratory's second attempt at isotopic plutonium analysis for this sample. The first analysis, which also resulted in a low chemical yield, is believed to be related to a laboratory error. It is reasonable to expect that the laboratory may improve the quality of the reported data to eliminate the data quality gap. The laboratory will be requested to recount the existing sample or prepare a new aliquant for analysis and to meet the project data quality objectives (DQO), in addition to achieving an MDC of less than 0.0415 pCi/g (the analyte RTL), if possible.

In summary, the following sample will be either recounted or prepared for reanalysis in order to achieve an MDC that is no higher than the project RTL of 0.0415 pCi/g.

The results of the reanalysis will be presented in the Technical Memorandum, Subarea 7, Round 2 Soil Sample Results.

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, 2012b). 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 13 field duplicate samples were collected during the round 1 sampling event. The field duplicate evaluation criterion includes an additional 1σ 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 duplicate Z-score comparison (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 (1σ) uncertainty of the sample
- u_d = combined standard (1σ) 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. Hence, 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 May 1, 2012. Subsequent modifications to the approved data or the project database may not be reflected in this assessment.

Round 1 field duplicate sample data includes 1,216 results from 608 sample/duplicate pairs. 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 barium-137m, which is inferred from the reported Cs-137 results, are considered redundant and have also been removed from consideration.

The Z_{DUP} evaluation of the remaining 410 qualified pairs follows:

- 395 results (96.3 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96;
- 11 results (2.7 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58;
- Four results (1.0 percent) exceeded the 99 percent confidence interval, with Z_{DUP} values 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 16 results in this Z_{DUP} set) will be in the warning range between 1.96 and 2.58. In addition, 1 percent (approximately 4 results in this Z_{DUP} set) are expected to exceed a Z_{DUP} score of 2.58.

A review of the Z_{DUP} warnings and exceedances, and the associated laboratory data, has been conducted. Both the frequency and magnitude of the observed excursions are within the statistically expected range. Of the four exceedances, none have a Z_{DUP} score greater than 2.85.

It is observed that, in some cases, an excursion is reported when both the sample and the duplicate results are below their associated critical values (L_C), and are considered non-detects. It has been previously observed that, in some cases, the laboratory's reported uncertainty, particularly for non-detected gamma-emitting radionuclides, may be slightly underestimated.

In the specific cases of thorium-229 in the sample/duplicate pair 70194/70316, and for Cs-137 in the sample/duplicate pair 70076/70306, a visual inspection of the spectral data suggests that there may be a small degree of sample heterogeneity, beyond the 10 percent discussed above, for the co-located but non-homogenized field samples.

The frequency and magnitude of the Z_{DUP} excursions, and a review of the individual results and associated laboratory data, do not indicate significant concerns regarding the quality or usability of the data. 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, 2012b). A total of 47 rinsate samples and one source water sample were collected during the round 1 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, above. In this data set, however, no sample results were rejected. Rinsate and source water samples were also analyzed for H-3 if it was included in the analytical suite for samples collected that day. This equipment rinsate assessment is performed on the validated laboratory results approved and accepted by the project, and recorded in the project database as of May 1, 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-receive and the Total activity is reported.

Round 1 rinsate and source water samples include 326 total results, from which 163 data pairs were evaluated by Z-score duplicate comparison. The Z_{DUP} scores are summarized below.

- 158 results (96.9 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96.
- Five results (3.1 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58.
- Zero results (0.0 percent) exceeded the 99 percent confidence interval, with Z_{DUP} values at or above 2.58.

As with the field duplicates, the Z_{DUP} statistical test predicts that approximately 4 percent of reported Z_{DUP} scores will be in the range between 1.96 and 2.58. The five results in that warning range are 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 SUMMARY OF FINDINGS

Radionuclide concentrations exceeding RTLs were detected in samples collected from six primary areas:

- Panhandle Area,
- Building 4133 and Interim Storage Facility,
- RMHF,
- Outfall 3 Drainage,
- RMHF Holding Pond, and
- Southern Portion.

The radionuclides that were detected at concentrations exceeding the RTLs in these areas are summarized below:

- Cesium 137 was detected at 82 locations (98 samples) with concentrations from 0.207 pCi/g to 20.2 pCi/g.
- Plutonium-239/240 was detected at two locations (two samples) with concentrations of 0.0475 pCi/g and 0.0702 pCi/g.
- Strontium 90 was detected at 35 locations (37 samples) with concentrations from 0.489 pCi/g to 14.3 pCi/g.

Round 2 soil sampling activities will consist of collecting additional step-out soil samples in the vicinity of each exceedance identified in round 1 samples. The Draft Subarea 7 Round 2 FSP Addendum (HGL, 2012c) describes the proposed step-out soil sampling locations, analytical testing, and technical justification for the additional sample locations.

6.0 REFERENCES

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Table 2
Summary of Subsurface Samples not Collected
Subarea 7, Round 1

Sample Location	Sample Identification	Justification
7-00004	70008	Refusal at 13 inches bgs with hand auger.
7-00009	70018	Refusal at 9 inches bgs with hand auger.
7-00011	70022	Refusal at 12 inches bgs with hand auger.
7-00012	70024	Refusal at 18 inches bgs with hand auger.
7-00015	70030	Refusal at 12 inches bgs with hand auger.
7-00018	70036	Refusal at 17.5 inches bgs with hand auger.
7-00022	70044	Refusal at 12 inches bgs with hand auger.
7-00027	70054	Refusal at 20 inches bgs with hand auger.
7-00036	70072	Refusal at 18 inches bgs with hand auger.
7-00040	70080	Location in Archeological zone, no soil disturbance.
7-00052	70084	Refusal at 13 inches bgs with hand auger.
7-00043	70086	Refusal at 18 inches bgs with Geoprobe.
7-00044	70088	Refusal at 11 inches bgs with Geoprobe.
7-00045	70090	Refusal at 18 inches bgs with hand auger.
7-00047	70094	Refusal at 12 inches bgs with Geoprobe.
7-00050	70100	Refusal at 15 inches bgs with Geoprobe.
7-00054	70108	Refusal at 18 inches bgs with hand auger.
7-00058	70112	Refusal at 18 inches bgs with Geoprobe.
7-00063	70118	Refusal at 8 inches bgs with hand auger.
7-00064	70119	Refusal at 10 inches bgs with hand auger.
7-00067	70124	Refusal at 9 inches bgs with hand auger.
7-00084	70150	Refusal at 16 inches bgs with Geoprobe.
7-00093	70168	Refusal at 12 inches bgs with hand auger.
7-00094	70170	Refusal at 9 inches bgs with hand auger.
7-00095	70172	Refusal at 19 inches bgs with hand auger.
7-00097	70176	Refusal at 13 inches bgs with hand auger.
7-00099	70180	Refusal at 14 inches bgs with hand auger.
7-00100	70182	Refusal at 16 inches bgs with hand auger.
7-00101	70184	Refusal at 13 inches bgs with hand auger.
7-00112	70195	Refusal at 12 inches bgs with Geoprobe.
7-00113	70196	Refusal at 16 inches bgs with Geoprobe.
7-00114	70197	Refusal at 18 inches bgs with Geoprobe.
7-00115	70198	Refusal at 18 inches bgs with Geoprobe.
7-00129	70218	Refusal at 6 inches bgs with hand auger.

Table 2
Summary of Subsurface Samples not Collected
Subarea 7, Round 1

Sample Location	Sample Identification	Justification
7-00133	70225	Location under concrete drainage, unable to access soil to sample.
7-00134	70227	Refusal at 15 inches bgs with hand auger.
7-00137	70233	Refusal at 13 inches bgs with hand auger.
7-00141	70241	Refusal at 12 inches bgs with hand auger.
7-00148	70253	Refusal at 16 inches bgs with hand auger.
7-00149	70254	Refusal at 12 inches bgs with Geoprobe.
7-00150	70255	Refusal at 12 inches bgs with Geoprobe.
7-00151	70257	Refusal at 12 inches bgs with hand auger.
7-00154	70260	Refusal at 18 inches bgs with hand auger.
7-00160	70267	Refusal at 13 inches bgs with hand auger.
7-00163	70270	Refusal at 13 inches bgs with hand auger.
7-00176	70287	Refusal at 12 inches bgs with hand auger.
7-00179	70292	Refusal at 14 inches bgs with hand auger.
7-00184	70300	Refusal at 14 inches bgs with hand auger.

Notes:

bgs - below ground surface

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 7, Round 1

Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00002	70004	1.00 - 2.75	Cs-137	0.432	0.207	Gamma scanning results show a potential gamma radiation anomaly - PGRAY 2C.	Cs-137 concentration (0.432 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00003	70005	0.00 - 0.50	Cs-137	2.5	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 3.	Cs-137 concentration (2.5 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00004	70007	0.00 - 0.50	Cs-137	2.35	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 4C.	Cs-137 concentration (2.35 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00005	70009	0.00 - 0.50	Cs-137	1.38	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 5C.	Cs-137 concentration (1.38 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00006	70011	0.00 - 0.50	Cs-137	0.24	0.207	Gamma scanning results show a potential gamma radiation anomaly - PGRAY 6C.	Cs-137 concentration (0.24 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00007	70013	0.00 - 0.50	Cs-137	2.84	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 7C.	Cs-137 concentration (2.84 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00007	70014	1.00 - 2.58	Cs-137	0.407	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 7C.	Cs-137 concentration (0.407 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00008	70015	0.00 - 0.50	Cs-137	0.968	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 8C.	Cs-137 concentration (0.968 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00008	70016	1.00 - 2.83	Cs-137	0.359	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 8C.	Cs-137 concentration (0.359 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00009	70017	0.00 - 0.50	Cs-137	2.66	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 9C.	Cs-137 concentration (2.66 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00010	70019	0.00 - 0.50	Cs-137	9.21	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 10C.	Cs-137 concentration (9.21 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00010	70020	1.00 - 2.33	Cs-137	0.524	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 10C.	Cs-137 concentration (0.524 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00011	70021	0.00 - 0.50	Cs-137	1.75	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 11C.	Cs-137 concentration (1.75 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00012	70023	0.00 - 0.50	Cs-137	1.14	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 12C.	Cs-137 concentration (1.14 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00013	70025	0.00 - 0.50	Cs-137	2.77	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 13C.	Cs-137 concentration (2.77 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00014	70027	0.00 - 0.50	Cs-137	2.68	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 14C.	Cs-137 concentration (2.68 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00015	70029	0.00 - 0.50	Cs-137	4.7	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 15C.	Cs-137 concentration (4.7 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 7, Round 1

Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00016	70031	0.00 - 0.50	Cs-137	1.08	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 16C.	Cs-137 concentration (1.08 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00016	70032	1.00 - 5.00	Cs-137	1.71	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 16C.	Cs-137 concentration (1.71 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00017	70033	0.00 - 0.50	Cs-137	6.21	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 17C.	Cs-137 concentration (6.21 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00017	70034	1.00 - 2.00	Cs-137	0.389	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 17C.	Cs-137 concentration (0.389 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00018	70035	0.00 - 0.50	Cs-137	0.611	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 18C.	Cs-137 concentration (0.611 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00020	70039	0.00 - 0.50	Cs-137	0.234	0.207	Gamma scanning results show a potential gamma radiation anomaly - PGRAY 20C.	Cs-137 concentration (0.234 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00021	70041	0.00 - 0.50	Cs-137	0.528	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 21C.	Cs-137 concentration (0.528 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00021	70042	1.00 - 3.33	Cs-137	0.207	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 21C.	Cs-137 concentration (0.207 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00022	70043	0.00 - 0.50	Cs-137	1.23	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 22C.	Cs-137 concentration (0.1.23 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00023	70045	0.00 - 0.50	Cs-137	1.16	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 23C.	Cs-137 concentration (1.16 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00024	70047	0.00 - 0.50	Cs-137	0.25	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 24C.	Cs-137 concentration (0.25 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00025	70049	0.00 - 0.50	Cs-137	0.374	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 25C.	Cs-137 concentration (0.374 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00026	70051	0.00 - 0.50	Cs-137	0.674	0.207	Gamma scanning results show a gamma radiation anomaly - GREY 26C.	Cs-137 concentration (0.674 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00026	70052	1.00 - 2.16	Cs-137	0.227	0.207	Gamma scanning results show a gamma radiation anomaly - GREY 26C.	Cs-137 concentration (0.227 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00027	70053	0.00 - 0.50	Cs-137	2.53	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 27C.	Cs-137 concentration (2.53 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00028	70055	0.00 - 0.50	Cs-137	1.29	0.207	Gamma scanning results show a potential gamma radiation anomaly - PGRAY 28C.	Cs-137 concentration (1.29 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00029	70057	0.00 - 0.50	Cs-137	1.81	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 29C.	Cs-137 concentration (1.81 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

Table 4
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Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00030	70059	0.00 - 0.50	Cs-137	1.45	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 30C.	Cs-137 concentration (1.45 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00030	70060	1.00 - 5.00	Cs-137	0.211	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 30C.	Cs-137 concentration (0.211 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00031	70061	0.00 - 0.50	Cs-137	0.684	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 31C.	Cs-137 concentration (0.684 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00032	70063	0.00 - 0.50	Cs-137	1.74	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 32C.	Cs-137 concentration (1.74 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00033	70065	0.00 - 0.50	Cs-137	0.778	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 33C.	Cs-137 concentration (0.778 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00034	70067	0.00 - 0.50	Cs-137	1.17	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 34C.	Cs-137 concentration (1.17 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00036	70071	0.00 - 0.50	Cs-137	0.833	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 36C.	Cs-137 concentration (0.833 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00037	70073	0.00 - 0.50	Cs-137	20.2	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 37C.	Cs-137 concentration (20.2 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00038	70075	0.00 - 0.50	Cs-137	0.704	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 38C.	Cs-137 concentration (0.704 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00041	70081	0.00 - 0.50	Cs-137	0.214	0.207	Gamma scanning results show a gamma radiation anomaly - GRAY 41C.	Cs-137 concentration (0.214 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00045	70089	0.00 - 0.50	Cs-137	3.6	0.207	Location of former drainage from RMHF to the former holding pond. Historical data show elevated levels of radionuclide's. Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Cs-137 concentration (3.6 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00049	70097	0.00 - 0.50	Cs-137	0.213	0.207	Characterize potential residual contamination surrounding the former RMHF Holding Pond.	Cs-137 concentration (0.213 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00050	70099	0.00 - 0.50	Cs-137	0.763	0.207	Characterize potential residual contamination surrounding the former RMHF Holding Pond. Gamma survey measurements indicate elevated levels of cesium associated with GRAY 4C.	Cs-137 concentration (0.763 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00051	70101	0.00 - 0.50	Cs-137	0.493	0.207	Location of former surface water drainage from RMHF to the former holding pond. Historical data show elevated concentrations of radionuclide's. Aerial photo feature, "Debris Area."	Cs-137 concentration (0.493 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements. Historical data show elevated concentrations of radionuclide's. Aerial photo feature, "Debris Area."
7-00052	70103	0.00 - 0.50	Cs-137	6.59	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C.	Cs-137 concentration (6.59 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
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Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00053	70105	0.00 - 0.50	Cs-137	0.885	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C.	Cs-137 concentration (0.885 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00053	70106	1.00 - 2.20	Cs-137	0.214	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C.	Cs-137 concentration (0.214 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00054	70107	0.00 - 0.50	Cs-137	1.42	0.207	Gamma scanning survey measurements indicate elevated measurements of cesium along the trough of the drainage ditch.	Cs-137 concentration (1.42 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00055	70109	0.00 - 0.50	Cs-137	0.399	0.207	Characterize potential radiological contamination in drainage due to surface water run-off from the RMHF.	Cs-137 concentration (0.399 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00066	70122	1.00 - 2.30	Cs-137	0.334	0.207	Aerial photo feature, "Debris Area." Gamma scanning survey indicate slightly elevated gamma measurements.	Cs-137 concentration (0.334 pCi/g) detected above the RTL (0.207 pCi/g). Aerial photo feature, "Debris Area." Gamma scanning survey indicate slightly elevated gamma measurements.
7-00070	70129	0.00 - 0.50	Cs-137	6.17	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 37C. Aerial photo feature, "Cleared Area."	Cs-137 concentration (6.17 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Cleared Area."
7-00071	70131	0.00 - 0.50	Cs-137	0.43	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 37. Aerial photo feature, "Cleared Area."	Cs-137 concentration (0.43 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Cleared Area."
7-00073	70134	0.00 - 0.50	Cs-137	0.974	0.207	Elevated gamma survey levels associated with GRAY 30.	Cs-137 concentration (0.974 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00077	70140	0.00 - 0.50	Cs-137	0.249	0.207	Aerial photo feature, "Open Storage." Historical documents show levels of radionuclide's in this area.	Cs-137 concentration (0.432 pCi/g) detected above the RTL (0.207 pCi/g). Aerial photo feature, "Open Storage." Historical documents show levels of radionuclide's in this area.
7-00078	70143	1.00 - 5.00	Cs-137	0.266	0.207	Aerial photo feature, "Open Storage." Historical documents show past contamination in this area.	Cs-137 concentration (0.432 pCi/g) detected above the RTL (0.207 pCi/g). Aerial photo feature, "Open Storage." Historical documents show past contamination in this area.
7-00083	70148	0.00 - 0.50	Cs-137	1.82	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 9C.	Cs-137 concentration (1.82 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00086	70153	0.00 - 0.50	Cs-137	4.55	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 9C.	Cs-137 concentration (4.55 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00086	70154	1.00 - 4.00	Cs-137	0.364	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 9C.	Cs-137 concentration (0.364 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00087	70155	0.00 - 0.50	Cs-137	19.8	0.207	Aerial photo feature, "Debris Area." Potential contamination associated with GRAY 9C.	Cs-137 concentration (19.8 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Debris Area."
7-00087	70156	1.00 - 2.00	Cs-137	2.15	0.207	Aerial photo feature, "Debris Area." Potential contamination associated with GRAY 9C.	Cs-137 concentration (2.15 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Debris Area."

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Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00090	70161	0.00 - 0.50	Cs-137	6.52	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Cs-137 concentration (6.52 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00090	70162	1.00 - 2.66	Cs-137	0.492	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Cs-137 concentration (0.492 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00091	70163	0.00 - 0.50	Cs-137	0.86	0.207	Gama scanning survey measurements indicate elevated levels of cesium associated with GRAY 10C.	Cs-137 concentration (0.86 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00092	70165	0.00 - 0.50	Cs-137	1.5	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 10C.	Cs-137 concentration (1.5 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00093	70167	0.00 - 0.50	Cs-137	1.41	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 14C.	Cs-137 concentration (1.41 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00094	70169	0.00 - 0.50	Cs-137	0.484	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated GRAY 14C.	Cs-137 concentration (0.484 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00095	70171	0.00 - 0.50	Cs-137	1.78	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 14C.	Cs-137 concentration (1.78 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00096	70173	0.00 - 0.50	Cs-137	0.344	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 18C.	Cs-137 concentration (0.344 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00097	70175	0.00 - 0.50	Cs-137	1.04	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 21C.	Cs-137 concentration (1.04 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00101	70183	0.00 - 0.50	Cs-137	1.54	0.207	Process knowledge feature, "2 inch Discharge Pipe."	Cs-137 concentration (1.54 pCi/g) detected above the RTL (0.207 pCi/g). Process knowledge feature, "2 inch Discharge Pipe."
7-00129	70217	0.00 - 0.50	Cs-137	0.464	0.207	Location of former 4 inch cast iron pipe that exited from the RMHF. Potential drain that emptied into the former RMHF Holding Pond.	Cs-137 concentration (0.464 pCi/g) detected above the RTL (0.207 pCi/g). Location of former 4 inch cast iron pipe that exited from the RMHF. Potential drain that emptied into the former RMHF Holding Pond.
7-00130	70219	0.00 - 0.50	Cs-137	2.04	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 4C. Geophysical feature, "Conductivity."	Cs-137 concentration (2.04 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Geophysical feature, "Conductivity."
7-00130	70220	1.00 - 2.00	Cs-137	2.68	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 4C. Geophysical feature, "Conductivity."	Cs-137 concentration (2.68 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Geophysical feature, "Conductivity."
7-00134	70226	0.00 - 0.50	Cs-137	0.578	0.207	Gamma survey measurement indicate elevated levels of cesium associated with GRAY 4C.	Cs-137 concentration (0.578 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00135	70228	0.00 - 0.50	Cs-137	1.33	0.207	Gamma survey measurement indicate elevated levels of cesium associated with GRAY 4C.	Cs-137 concentration (1.33 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00136	70230	0.00 - 0.50	Cs-137	1.28	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 4C. Geophysical feature, "Conductivity."	Cs-137 concentration (1.28 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

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Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00137	70232	0.00 - 0.50	Cs-137	1.05	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 3C.	Cs-137 concentration (1.05 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00138	70234	0.00 - 0.50	Cs-137	0.865	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 3C.	Cs-137 concentration (0.865 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00139	70236	0.00 - 0.50	Cs-137	0.387	0.207	Gamma scanning survey results indicate elevated levels of cesium associated with GRAY 16C.	Cs-137 concentration (0.387 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00139	70237	1.00 - 3.50	Cs-137	2.64	0.207	Gamma scanning survey results indicate elevated levels of cesium associated with GRAY 16C.	Cs-137 concentration (2.64 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00140	70238	0.00 - 0.50	Cs-137	0.21	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 16C.	Cs-137 concentration (0.21 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00140	70239	1.00 - 4.30	Cs-137	0.283	0.207	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 16C.	Cs-137 concentration (2.83 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00141	70240	0.00 - 0.50	Cs-137	0.791	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 23C. Aerial photo feature, "Debris Area."	Cs-137 concentration (0.791 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00142	70242	0.00 - 0.50	Cs-137	0.803	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 23C.	Cs-137 concentration (0.803 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00143	70244	0.00 - 0.50	Cs-137	0.223	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 23C.	Cs-137 concentration (0.223 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00144	70246	0.00 - 0.50	Cs-137	0.253	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 31C.	Cs-137 concentration (0.253 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00146	70250	0.00 - 0.50	Cs-137	1.12	0.207	Gamma scanning survey measurements indicate elevated measurement of cesium associated with GRAY 34C.	Cs-137 concentration (1.12 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00151	70256	0.00 - 0.50	Cs-137	0.498	0.207	Aerial photo feature, "Debris Area."	Cs-137 concentration (0.498 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00157	70263	0.00 - 0.50	Cs-137	2.01	0.207	Gamma scanning results show a gamma radiation anomaly associated with GRAY 9.	Cs-137 concentration (2.01 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00157	70264	1.00 - 3.83	Cs-137	0.232	0.207	Gamma scanning results show a gamma radiation anomaly associated with GRAY 9.	Cs-137 concentration (0.232 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00176	70286	0.00 - 0.50	Cs-137	1.21	0.207	Gamma scanning results show a gamma radiation anomaly associated with GRAY 10C.	Cs-137 concentration (1.21 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00178	70289	0.00 - 0.50	Cs-137	8.86	0.207	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 37C.	Cs-137 concentration (8.86 pCi/g) detected above the RTL (0.207 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00183	70297	0.00 - 0.50	Cs-137	0.396	0.207	Geophysical feature, "Magnetometer Anomaly."	Cs-137 concentration (0.396 pCi/g) detected above the RTL (0.207 pCi/g). Geophysical feature, "Magnetometer Anomaly."

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 7, Round 1

Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00184	70299	0.00 - 0.50	Cs-137	0.253	0.207	Possible open storage of drums. Potential contamination from surface water run-off from the RMHF.	Cs-137 concentration (0.253 pCi/g) detected above the RTL (0.207 pCi/g). Possible open storage of drums. Potential contamination from surface water run-off from the RMHF.
7-00090	70161	0.00 - 0.50	Pu-239/240	0.0475	0.0404	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Pu-239/240 concentration (0.0475 pCi/g) detected above the RTL (0.0404 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00135	70228	0.00 - 0.50	Pu-239/240	0.0702	0.0404	Gamma survey measurement indicate elevated levels of cesium associated with GRAY 4C.	Pu-239/240 concentration (0.0702 pCi/g) detected above the RTL (0.0404 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00003	70006	1.00 - 3.25	Sr-90	3.57	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 3.	Sr-90 concentration (3.57 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00005	70010	1.00 - 1.83	Sr-90	1.69	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 5C.	Sr-90 concentration (1.69 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00009	70017	0.00 - 0.50	Sr-90	0.491	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 9C.	Sr-90 concentration (0.491 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00010	70019	0.00 - 0.50	Sr-90	1.19	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 10C.	Sr-90 concentration (1.19 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00013	70025	0.00 - 0.50	Sr-90	0.498	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 13C.	Sr-90 concentration (0.498 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00014	70027	0.00 - 0.50	Sr-90	0.757	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 14C.	Sr-90 concentration (0.757 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00015	70029	0.00 - 0.50	Sr-90	14.3	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 15C.	Sr-90 concentration (14.3 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00016	70032	1.00 - 5.00	Sr-90	2.22	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 16C.	Sr-90 concentration (2.22 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00026	70052	1.00 - 2.16	Sr-90	0.712	0.485	Gamma scanning results show a gamma radiation anomaly - GREY 26C.	Sr-90 concentration (0.712 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00029	70057	0.00 - 0.50	Sr-90	0.93	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 29C.	Sr-90 concentration (0.93 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00030	70059	0.00 - 0.50	Sr-90	0.696	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 30C.	Sr-90 concentration (0.696 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00037	70073	0.00 - 0.50	Sr-90	4.2	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 37C.	Sr-90 concentration (4.2 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00039	70078	1.00 - 5.00	Sr-90	1.36	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 39C.	Sr-90 concentration (1.36 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00041	70081	0.00 - 0.50	Sr-90	2.12	0.485	Gamma scanning results show a gamma radiation anomaly - GRAY 41C.	Sr-90 concentration (2.12 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 7, Round 1

Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00042	70104	1.00 - 2.80	Sr-90	3.24	0.485	Gamma scanning results show a potential gamma radiation anomaly - PGRAY 42C.	Sr-90 concentration (3.24 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate potentially elevated gamma measurements.
7-00046	70091	0.00 - 0.50	Sr-90	1.64	0.485	Potential residual contamination from the remediation of the former drainage way from RMHF to the former holding pond. Historical data show elevated levels of radionuclide's.	Sr-90 concentration (1.64 pCi/g) detected above the RTL (0.485 pCi/g). Potential residual contamination from the remediation of the former drainage way from RMHF to the former holding pond. Historical data show elevated levels of radionuclide's.
7-00056	70110	1.00 - 5.00	Sr-90	0.83	0.485	Characterize potential residual contamination from the remediation of the RMHF Septic Leach Field. Geophysical feature, "Conductivity Anomaly." Historical data show elevated levels of radionuclide's within the area.	Sr-90 concentration (0.83 pCi/g) detected above the RTL (0.485 pCi/g). Characterize potential residual contamination from the remediation of the RMHF Septic Leach Field. Geophysical feature, "Conductivity Anomaly." Historical data show elevated levels of radionuclide's within the area.
7-00057	70111	1.00 - 4.00	Sr-90	0.489	0.485	Characterize potential residual contamination from the remediation of the RMHF Septic Leach Field. Geophysical feature, "Conductivity Anomaly." Historical data show elevated levels of radionuclide's in the area.	Sr-90 concentration (0.489 pCi/g) detected above the RTL (0.485 pCi/g). Characterize potential residual contamination from the remediation of the RMHF Septic Leach Field. Geophysical feature, "Conductivity Anomaly." Historical data show elevated levels of radionuclide's in the area.
7-00067	70123	0.00 - 0.50	Sr-90	2.11	0.485	Aerial photo feature, "Debris Area." Gamma survey indicates slightly elevated gamma levels.	Sr-90 concentration (2.11 pCi/g) detected above the RTL (0.485 pCi/g). Aerial photo feature, "Debris Area." Gamma survey indicates slightly elevated gamma measurements.
7-00070	70129	0.00 - 0.50	Sr-90	0.647	0.485	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 37C. Aerial photo feature, "Cleared Area."	Sr-90 concentration (0.647 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Cleared Area."
7-00070	70130	1.00 - 4.50	Sr-90	0.782	0.485	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 37C. Aerial photo feature, "Cleared Area."	Sr-90 concentration (0.782 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements. Aerial photo feature, "Cleared Area."
7-00071	70131	0.00 - 0.50	Sr-90	0.742	0.485	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 37. Aerial photo feature, "Cleared Area."	Sr-90 concentration (0.742 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00083	70149	1.00 - 2.08	Sr-90	0.504	0.485	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 9C.	Sr-90 concentration (0.504 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00108	70191	1.00 - 3.75	Sr-90	0.524	0.485	Former location of the Test Vault.	Sr-90 concentration (0.524 pCi/g) detected above the RTL (0.485 pCi/g). Former location of the Test Vault.
7-00117	70200	1.00 - 3.25	Sr-90	0.833	0.485	Geophysical feature, "Conductivity." Potential residual contamination from remediation activities conducted at the RMHF Holding Pond.	Sr-90 concentration (0.833 pCi/g) detected above the RTL (0.485 pCi/g). Geophysical feature, "Conductivity." Potential residual contamination from remediation activities conducted at the RMHF Holding Pond.
7-00120	70205	1.00 - 5.00	Sr-90	0.517	0.485	Characterize potential contamination resulting from surface water run-off from the Open Storage area associated with Building 4019 and former Building 4013.	Sr-90 concentration (0.517 pCi/g) detected above the RTL (0.485 pCi/g). Characterize potential contamination resulting from surface water run-off from the Open Storage area associated with Building 4019 and former Building 4013.
7-00135	70229	1.00 - 1.80	Sr-90	3.55	0.485	Gamma survey measurement indicate elevated levels of cesium associated with GRAY 4C.	Sr-90 concentration (3.55 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 7, Round 1

Sample Location	Sample Identification	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
7-00139	70236	0.00 - 0.50	Sr-90	1.25	0.485	Gamma scanning survey results indicate elevated levels of cesium associated with GRAY 16C.	Sr-90 concentration (1.25 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00139	70237	1.00 - 3.50	Sr-90	3.36	0.485	Gamma scanning survey results indicate elevated levels of cesium associated with GRAY 16C.	Sr-90 concentration (3.36 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00140	70238	0.00 - 0.50	Sr-90	0.996	0.485	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 16C.	Sr-90 concentration (0.996 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00143	70244	0.00 - 0.50	Sr-90	0.983	0.485	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 23C.	Sr-90 concentration (0.983 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00151	70256	0.00 - 0.50	Sr-90	0.608	0.485	Aerial photo feature, "Debris Area."	Sr-90 concentration (0.608 pCi/g) detected above the RTL (0.485 pCi/g). Aerial photo feature, "Debris Area."
7-00157	70263	0.00 - 0.50	Sr-90	0.557	0.485	Gamma scanning results show a gamma radiation anomaly associated with GRAY 9.	Sr-90 concentration (0.557 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00173	70282	1.00 - 2.00	Sr-90	0.929	0.485	Potential contamination within soil pile associated with remedial activity at the holding pond.	Sr-90 concentration (0.929 pCi/g) detected above the RTL (0.485 pCi/g). Potential contamination within soil pile associated with remedial activity at the holding pond.
7-00174	70283	1.00 - 2.00	Sr-90	1.3	0.485	Down gradient of the former RMHF Leach Field.	Sr-90 concentration (1.3 pCi/g) detected above the RTL (0.485 pCi/g). Down gradient of the former RMHF Leach Field.
7-00178	70289	0.00 - 0.50	Sr-90	2.31	0.485	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 37C.	Sr-90 concentration (2.31 pCi/g) detected above the RTL (0.485 pCi/g). Gamma scanning survey results indicate elevated gamma measurements.
7-00181	70294	0.00 - 0.50	Sr-90	0.977	0.485	Geophysical feature, "Conductivity." Potential contamination from surface water run-off in surface and subsurface soil within the drainage area.	Sr-90 concentration (0.977 pCi/g) detected above the RTL (0.485 pCi/g). Geophysical feature, "Conductivity." Potential contamination from surface water run-off in surface and subsurface soil within the drainage area.

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

ft - feet

GRAY - gamma radiation anomaly

PGRAY - potential gamma radiation anomaly

pCi/g - picocuries per gram

RMHF - Radioactive Materials Handling Facility

RTL - radiological trigger level

Table 5
Naturally Occurring Radioactive Material Exceedances
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	RTL	Sample Depth (ft bgs)	HSA Findings/Aerial Photograph Features	Gamma Results	Rock Outcrops/Boulders present?	Boring log	Historical RAD Data	Justification
7-00017	70033	U-233/234	3.08	0.0348	2.02	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and near a sanitary waste line leading to the leach field for the RMHF.	Gamma scanning results show a gamma radiation anomaly - GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel.	NA	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00017	70033	U-235/236	0.196	0.0183	0.151	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and near a sanitary waste line leading to the leach field for the RMHF.	Gamma scanning results show a gamma radiation anomaly - GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel.	NA	U-235/236 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00017	70033	U-238	2.65	0.0148	1.8	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and near a sanitary waste line leading to the leach field for the RMHF.	Gamma scanning results show a gamma radiation anomaly - GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel.	NA	U-238 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00022	70043	U-233/234	2.33	0.0358	2.02	0.00 - 0.50	Sample location is in close proximity to a debris area, "Interim Storage Yard" and "Crates".	Gamma scanning results show a gamma radiation anomaly - GRAY 22C	Shallow bedrock was encountered during sampling and location is in close proximity to rock outcrops to the east.	Surface sample indicates approximately 15 percent sandstone gravel and refusal on sandstone at 1 ft bgs.	NA	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00045	70089	U-233/234	2.09 J	0.0588	2.02	0.00 - 0.50	Location of former drainage from RMHF to the former holding pond. Location is in a "Disturbed Soil" area.	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 7C	Shallow bedrock was encountered during sampling activities.	Refusal encountered on sandstone at 1.5 ft bgs.	Historical data show elevated levels of radionuclide's.	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00052	70103	U-233/234	2.67	0.0148	2.02	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and location is in a "Disturbed Soil" area.	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel and refusal on sandstone at 1.1 ft bgs.	NA	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00052	70103	U-235/236	0.171	0.0431	0.151	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and location is in a "Disturbed Soil" area.	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel and refusal on sandstone at 1.1 ft bgs.	NA	U-235/236 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00052	70103	U-238	2.29	0.0495	1.8	0.00 - 0.50	Sample location is in a drainage swale associated with a recorded spill and location is in a "Disturbed Soil" area.	Gamma scanning survey measurements indicate elevated levels of cesium associated with GRAY 17C	Not present	Surface sample indicates approximately 15 percent sandstone gravel and refusal on sandstone at 1.1 ft bgs.	NA	U-238 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.

Table 5
Naturally Occurring Radioactive Material Exceedances
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	RTL	Sample Depth (ft bgs)	HSA Findings/Aerial Photograph Features	Gamma Results	Rock Outcrops/Boulders present?	Boring log	Historical RAD Data	Justification
7-00054	70107	Th-230	2.31	0.0572	2.2	0.00 - 0.50	Northeast side of the RMHF, in the drainage ditch located just outside of the fence.	Gamma scanning survey measurements indicate elevated measurements of cesium along the trough of the drainage ditch.	Not present	Surface sample indicates approximately 15 percent sandstone gravel and refusal on sandstone at 1.5 ft bgs.	NA	Th-230 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.
7-00066	70122	U-233/234	2.61	0.0387	2.02	1.00 - 2.30	Aerial photo feature "Debris Area".	Gamma scanning survey indicate slightly elevated gamma levels.	Many sandstone rocks and cobbles are in the vicinity.	Subsurface sample noted trace sandstone present and refusal on sandstone at 2.33 ft bgs.	NA	U-233/234 analysis unnecessary: located in a potential radiological zone due to presence of Cs-137 exceedances.
7-00066	70122	U-235/236	0.177	0.0386	0.151	1.00 - 2.30	Aerial photo feature "Debris Area".	Gamma scanning survey indicate slightly elevated gamma levels.	Many sandstone rocks and cobbles are in the vicinity.	Subsurface sample noted trace sandstone present and refusal on sandstone at 2.33 ft bgs.	NA	U-235/236 analysis unnecessary: located in a potential radiological zone due to presence of Cs-137 exceedances.
7-00066	70122	U-238	2.47	0.0133	1.8	1.00 - 2.30	Aerial photo feature "Debris Area".	Gamma scanning survey indicate slightly elevated gamma levels.	Many sandstone rocks and cobbles are in the vicinity.	Subsurface sample noted trace sandstone present and refusal on sandstone at 2.33 ft bgs.	NA	U-238 analysis unnecessary: located in a potential radiological zone due to presence of Cs-137 exceedances.
7-00090	70161	U-233/234	4.09 J	0.0511	2.02	0.00 - 0.50	Aerial photo feature, "Excavation".	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Many sandstone rocks and cobbles are in the vicinity.	Surface sampling recorded "fill material" in sample. Refusal encountered on sandstone at 2.66 ft bgs.	NA	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 and Pu-239/240 exceedances.
7-00090	70161	U-235/236	0.304	0.0217	0.151	0.00 - 0.50	Aerial photo feature, "Excavation".	Gamma survey measurements indicate elevated levels of cesium associated with GRAY 7C.	Many sandstone rocks and cobbles are in the vicinity.	Surface sampling recorded "fill material" in sample. Refusal encountered on sandstone at 2.66 ft bgs.	NA	U-235/236 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 and Pu-239/240 exceedances.
7-00106	70189	U-235/236	0.154	0.0321	0.151	12.50-17.50	Former location of the Reactor Pool belonging to former building 4028 (Drawing 301-018-P4). Aerial photo feature "Excavation".	No PGRAYs or elevated gamma results reported.	Not present	Subsurface sampled in fill material from 12.5 to 17.5 ft bgs.	NA	U-235/236 analysis unnecessary: located in a potential radiological zone due to presence of Sr-90 exceedances at location 108 in the close vicinity.
7-00151	70256	U-233/234	4.07	0.0158	2.02	0.00 - 0.50	Aerial photo feature, "Debris Area".	No PGRAYs or elevated gamma results reported.	Rock outcrops and boulders present.	Surface sample indicates approximately 5 percent sandstone gravel and refusal on sandstone at 1 ft bgs.	NA	U-233/234 analysis unnecessary: located in a potential radiological zone due to presence of Cs-137 and Sr-90 exceedances.

Table 5
Naturally Occurring Radioactive Material Exceedances
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	RTL	Sample Depth (ft bgs)	HSA Findings/Aerial Photograph Features	Gamma Results	Rock Outcrops/Boulders present?	Boring log	Historical RAD Data	Justification
7-00151	70256	U-235/236	0.218	0.0455	0.151	0.00 - 0.50	Aerial photo feature, "Debris Area".	No PGRAYs or elevated gamma results reported.	Rock outcrops and boulders present.	Surface sample indicates approximately 5 percent sandstone gravel and refusal on sandstone at 1 ft bgs.	NA	U-235/236 analysis unnecessary: located in a potential radiological zone due to presence of Cs-137 and Sr-90 exceedances.
7-00184	70299	U-233/234	2.61 J	0.0607	2.02	0.00 - 0.50	Possible open storage of drums. Potential contamination from surface water run-off from the RMHF.	No PGRAYs or elevated gamma results reported.	Rock outcrops in the near vicinity.	Surface sample indicates fill material and approximately 15 percent sandstone gravel and refusal on sandstone at 1.2 ft bgs.	NA	U-233/234 analysis unnecessary: located in a chemical remedial zone, and a potential radiological zone due to presence of Cs-137 exceedances.

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 - bgs

ft - feet

GRAY - gamma radiation anomaly

HSA - Historical Site Assessment

ID - identification

MDC - minimum detection concentration

NA - not applicable

PGRAY - potential gamma radiation anomaly

RAD - radiological

RMHF- Radioactive Material Handling Facility

RTL - radiological trigger level

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

Table 6
Data Quality Gap Samples with Existing Radiological Trigger Level Exceedances
Subarea 7, Round 1

Sample Identification	Analyte	Concentration	1 σ TPU	MDC	RTL	Comment
70011	Nb-94	0.0115	0.0068	0.0221	0.0214	Data Quality Gap
70011	Cs-137	0.24	0.022	0.0233	0.207	RTL Exceedance
70013	Np-239	0.0889	0.0472	0.143	0.139	Data Quality Gap
70013	Cs-137	2.84	0.152	0.0155	0.207	RTL Exceedance
70019	Ac-227	0.175	0.0999	0.309	0.217	Data Quality Gap
70019	Cs-137	9.21	0.496	0.0237	0.207	RTL Exceedance
70019	Sr-90	1.19	0.145	0.142	0.485	RTL Exceedance
70027	Ac-227	0.137	0.0758	0.229	0.217	Data Quality Gap
70027	Cs-137	2.68	0.143	0.0184	0.207	RTL Exceedance
70027	Sr-90	0.757	0.151	0.339	0.485	RTL Exceedance
70032	Np-236	0.022	0.0167	0.0472	0.047	Data Quality Gap
70032	Np-239	0.0655	0.052	0.163	0.139	Data Quality Gap
70032	Cs-137	1.71	0.0935	0.021	0.207	RTL Exceedance
70032	Sr-90	2.22	0.261	0.281	0.485	RTL Exceedance
70033	Eu-152	0.0226	0.026	0.0692	0.0566	Data Quality Gap
70033	Cs-137	6.21	0.325	0.0191	0.207	RTL Exceedance
70059	Ac-227	0.0776	0.0746	0.245	0.217	Data Quality Gap
70059	Cs-137	1.45	0.0782	0.0196	0.207	RTL Exceedance
70059	Sr-90	0.696	0.123	0.249	0.485	RTL Exceedance
70067	Pu-238	0.0286	0.0184	0.0595	0.0415	Data Quality Gap
70067	Cs-137	1.17	0.0629	0.0151	0.207	RTL Exceedance
70073	Eu-152	0.0453	0.0427	0.112	0.0566	Data Quality Gap
70073	Np-239	0.0022	0.0826	0.276	0.139	Data Quality Gap
70073	Pa-231	0.349	0.548	1.8	0.936	Data Quality Gap
70073	Cs-137	20.2	1.05	0.0246	0.207	RTL Exceedance
70073	Sr-90	4.2	0.449	0.375	0.485	RTL Exceedance
70078	Np-239	0.0646	0.0481	0.15	0.139	Data Quality Gap
70078	Sr-90	1.36	0.171	0.185	0.485	RTL Exceedance
70103	Ac-227	0.11	0.0709	0.217	0.217	Data Quality Gap
70103	Cs-137	6.59	0.363	0.0191	0.207	RTL Exceedance
70123	Nb-94	0.0107	0.0068	0.0225	0.0214	Data Quality Gap
70123	Np-239	0.054	0.0483	0.161	0.139	Data Quality Gap
70123	Pa-231	0.49	0.358	1.04	0.936	Data Quality Gap
70123	Sr-90	2.11	0.222	0.143	0.485	RTL Exceedance
70129	Eu-152	0.0224	0.0245	0.0677	0.0566	Data Quality Gap
70129	Np-239	0.0375	0.0532	0.172	0.139	Data Quality Gap
70129	Cs-137	6.17	0.324	0.02	0.207	RTL Exceedance

Table 6
Data Quality Gap Samples with Existing Radiological Trigger Level Exceedances
Subarea 7, Round 1

Sample Identification	Analyte	Concentration	1 σ TPU	MDC	RTL	Comment
70129	Sr-90	0.647	0.129	0.291	0.485	RTL Exceedance
70140	Ac-227	0.0986	0.0702	0.218	0.217	Data Quality Gap
70140	Cs-137	0.249	0.0172	0.0178	0.207	RTL Exceedance
70153	Ac-227	0.183	0.0856	0.242	0.217	Data Quality Gap
70153	Pa-231	0.325	0.321	1.01	0.936	Data Quality Gap
70153	Cs-137	4.55	0.249	0.0169	0.207	RTL Exceedance
70155	Eu-152	0.0085	0.0257	0.0827	0.0566	Data Quality Gap
70155	Np-239	0.0455	0.0605	0.203	0.139	Data Quality Gap
70155	Pa-231	0.672	0.422	1.33	0.936	Data Quality Gap
70155	Cs-137	19.8	1.03	0.021	0.207	RTL Exceedance
70161	Np-239	0.0974	0.0497	0.146	0.139	Data Quality Gap
70161	Cs-137	6.52	0.342	0.0165	0.207	RTL Exceedance
70161	Pu-239/240	0.0475	0.0156	0.0363	0.0404	RTL Exceedance
70175	Ac-227	0.187	0.0924	0.278	0.217	Data Quality Gap
70175	Eu-152	-0.025	0.0417	0.069	0.0566	Data Quality Gap
70175	Cs-137	1.04	0.06	0.0209	0.207	RTL Exceedance
70236	Ac-227	0.0598	0.0857	0.288	0.217	Data Quality Gap
70236	Eu-152	-0.016	0.0414	0.0694	0.0566	Data Quality Gap
70236	Cs-137	0.387	0.0271	0.0217	0.207	RTL Exceedance
70236	Sr-90	1.25	0.178	0.245	0.485	RTL Exceedance
70286	Pu-238	0.0181	0.0135	0.0451	0.0415	Data Quality Gap
70286	Cs-137	1.21	0.0654	0.0163	0.207	RTL Exceedance
70289	Ac-227	0.117	0.0883	0.278	0.217	Data Quality Gap
70289	Np-239	0.0501	0.0552	0.179	0.139	Data Quality Gap
70289	Cs-137	8.86	0.466	0.021	0.207	RTL Exceedance
70289	Sr-90	2.31	0.284	0.396	0.485	RTL Exceedance
70299	Co-60	0.0264	0.0098	0.0287	0.028	Data Quality Gap
70299	Cs-137	0.253	0.0208	0.0243	0.207	RTL Exceedance

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.

MDC - minimum detectable concentration

RTL - radiological trigger level

TPU - total propagated uncertainty

FIGURES

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Figure 1
Round 1 Sample Locations
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
 - Round 1 Sample Location**
 - Drainage
 - Subsurface
 - Surface Subsurface
 - Subareas
 - Figure Inset
- Note:**
RTL - Radiological Trigger Level

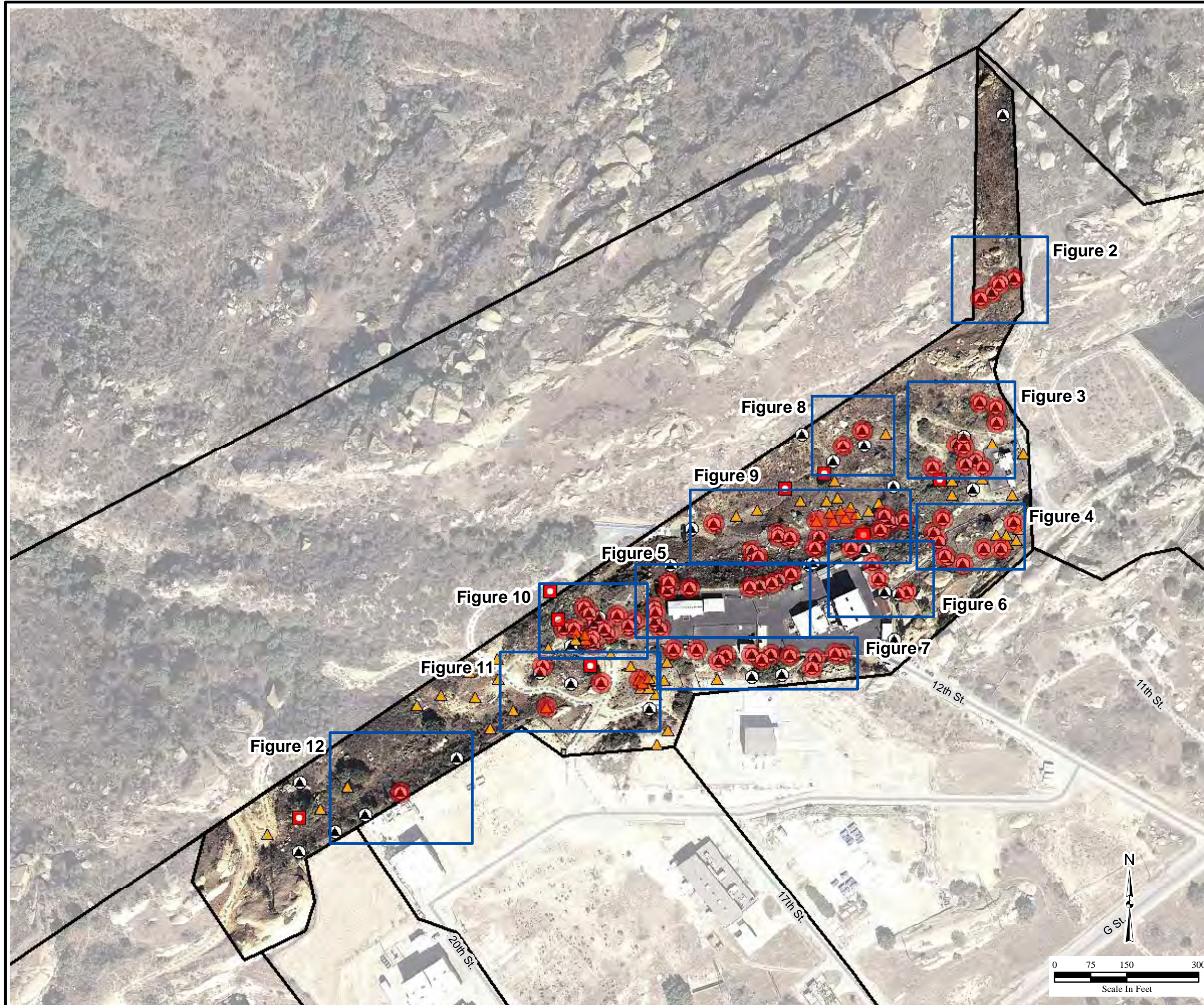


Figure 2
Panhandle Area
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Ground Penetrating Radar
- Magnetometer
- Terrain Conductivity
- Magnetometer
- Likely Remediation Zones**
- Chemical
- Subareas



Notes:
RTL - Radiological Trigger Level
ft - Feet
All units reported in picocuries per gram

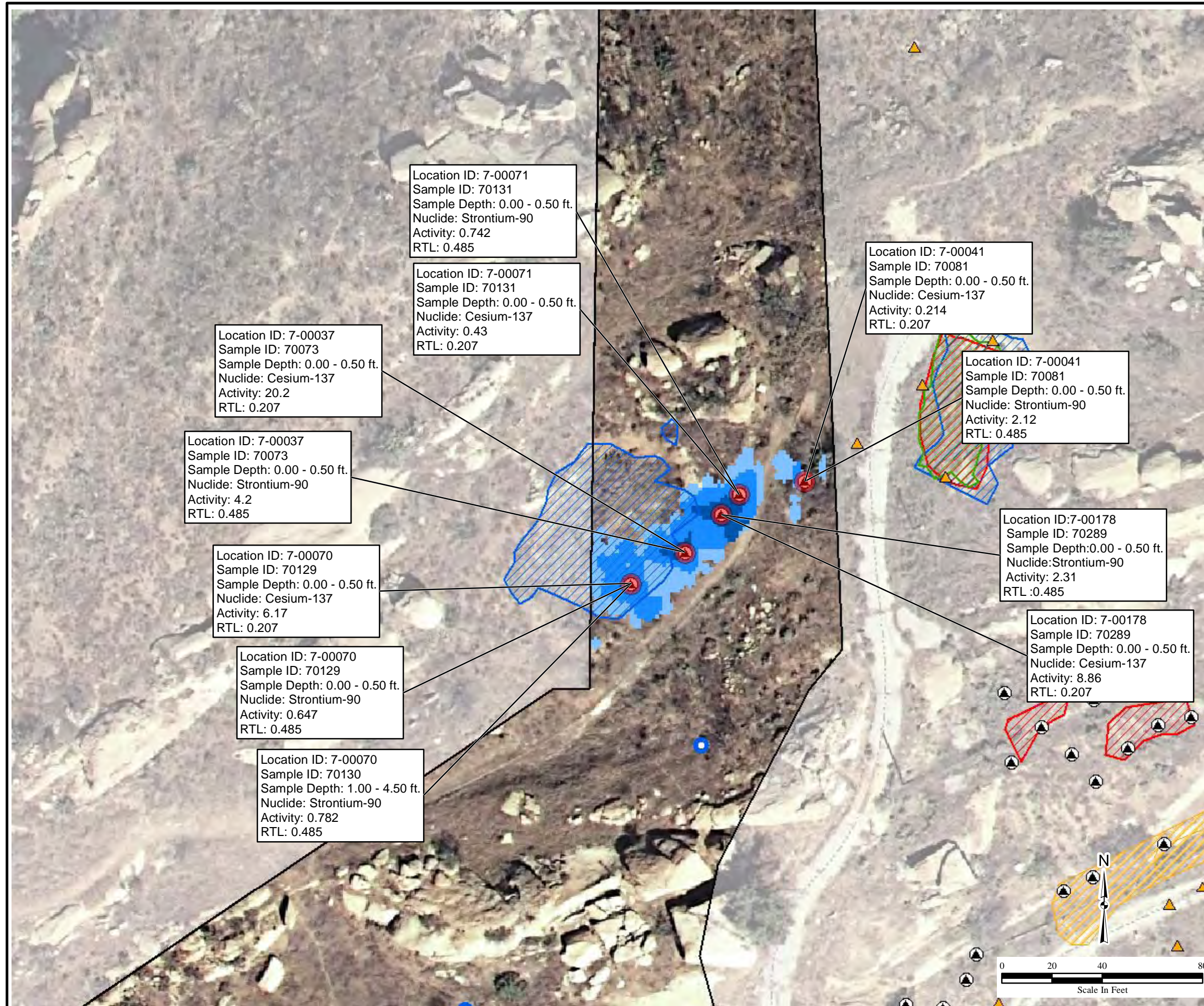


Figure 3
Building 4133 and
Interim Storage Facility - Map 1
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Magnetometer
- Magnetometer
- Terrain Conductivity
- ▨ Ground Penetrating Radar
- Ground Penetrating Radar Fill
- ▨ Magnetometer
- ▨ Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID



Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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Fig3_4133_ISF-1.mxd
5/11/2012 pbillcock
Source:HGL 2010, CIRGIS 2007

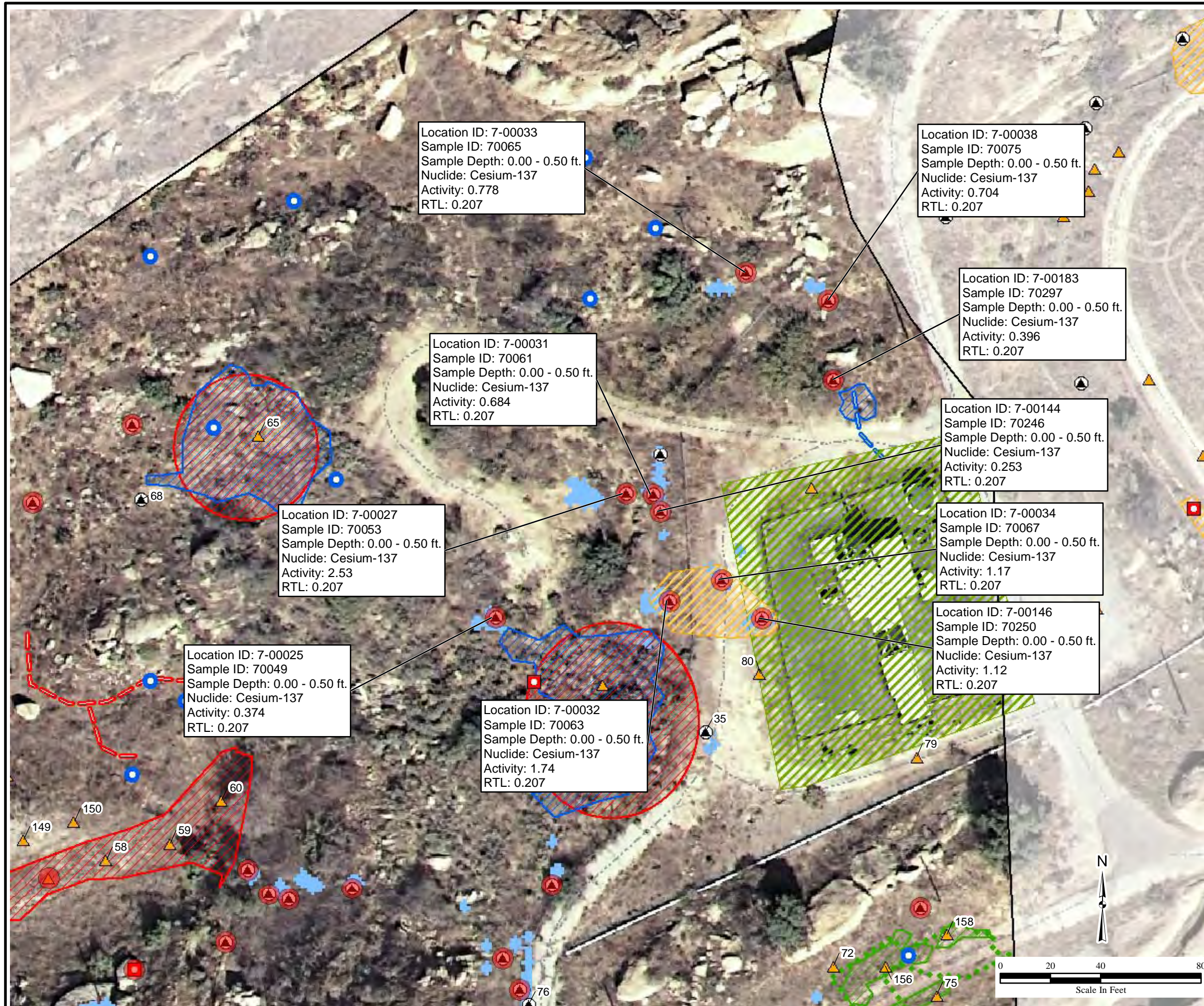


Figure 4
Building 4133 and
Interim Storage Facility - Map 2
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9

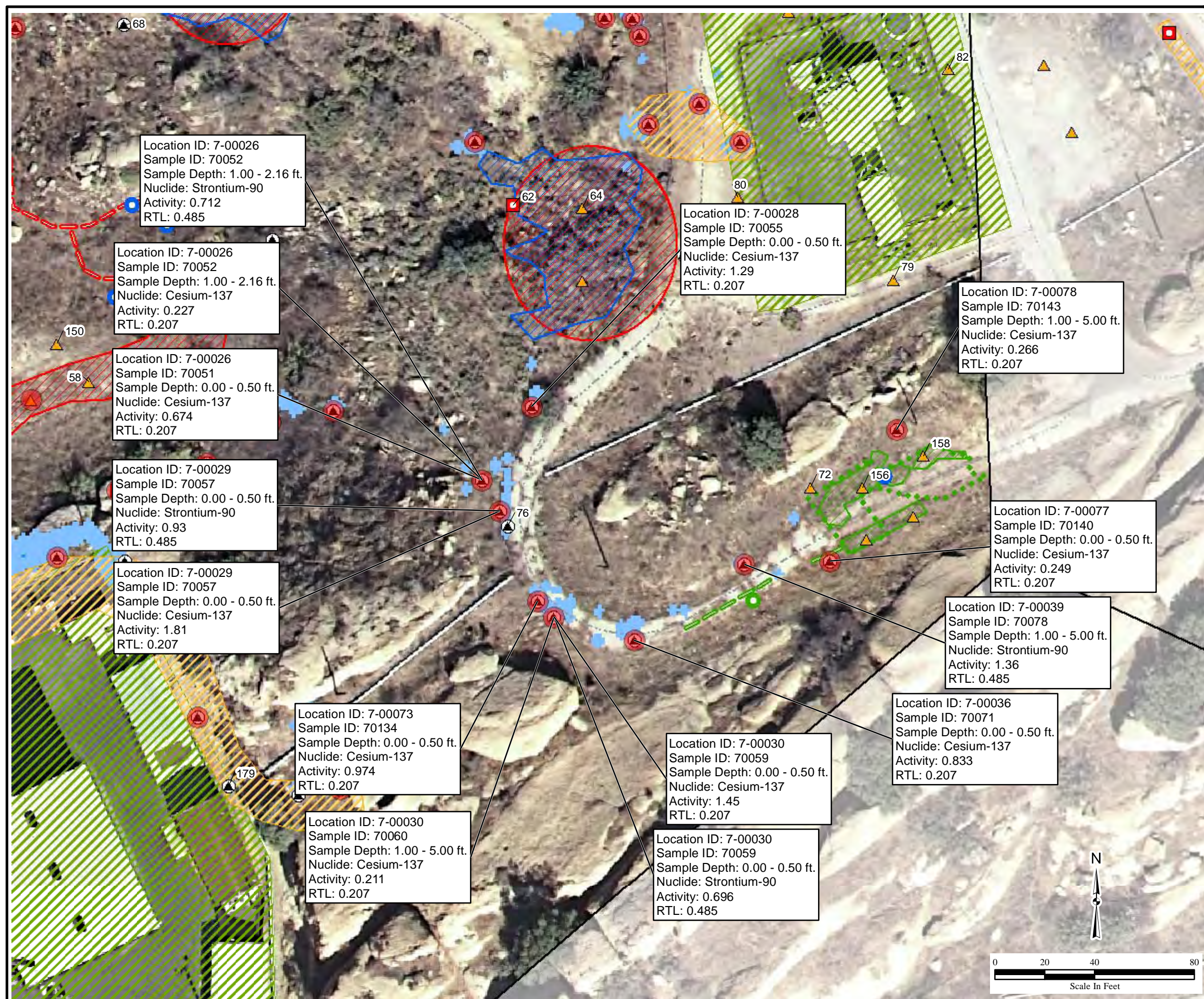


Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Ground Penetrating Radar
- Magnetometer
- Ground Penetrating Radar
- Terrain Conductivity
- ▨ Ground Penetrating Radar
- Ground Penetrating Radar Fill
- ▨ Magnetometer
- ▨ Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID



Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram



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Fig4_4133_ISF-2.mxd
5/11/2012 pbillock
Source:HGL 2010, CIRGIS 2007



Figure 5
RMHF - Map 1
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9

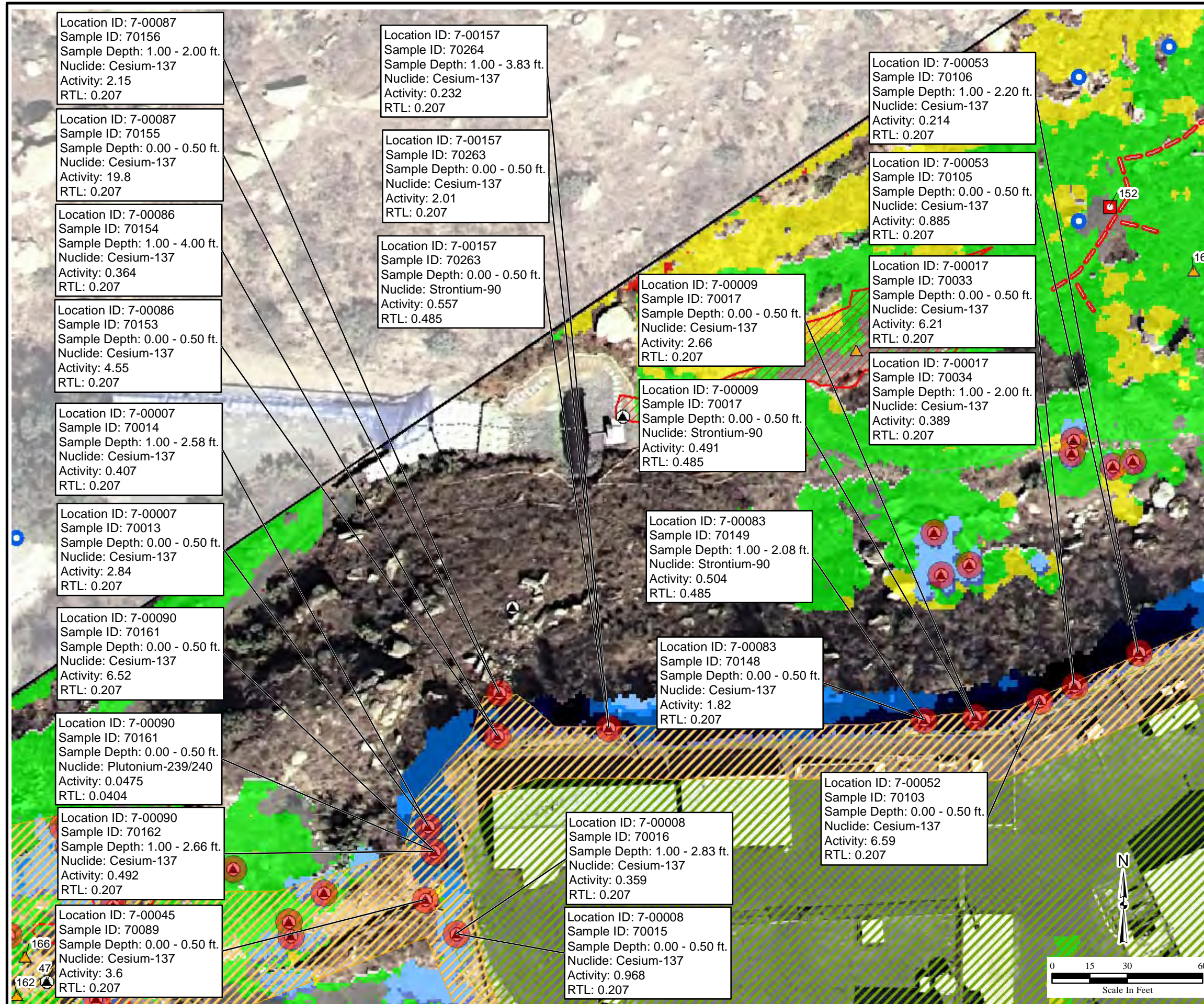


Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Magnetometer
- - - Terrain Conductivity
- ▨ Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID
- Lower Cesium-137 (Activity Ratio) Higher

Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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Fig5_RMHF-1.mxd
5/11/2012 pbbillock
Source:HGL 2010, CIRGIS 2007



Location ID: 7-00087
Sample ID: 70156
Sample Depth: 1.00 - 2.00 ft.
Nuclide: Cesium-137
Activity: 2.15
RTL: 0.207

Location ID: 7-00157
Sample ID: 70264
Sample Depth: 1.00 - 3.83 ft.
Nuclide: Cesium-137
Activity: 0.232
RTL: 0.207

Location ID: 7-00053
Sample ID: 70106
Sample Depth: 1.00 - 2.20 ft.
Nuclide: Cesium-137
Activity: 0.214
RTL: 0.207

Location ID: 7-00087
Sample ID: 70155
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 19.8
RTL: 0.207

Location ID: 7-00157
Sample ID: 70263
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 2.01
RTL: 0.207

Location ID: 7-00053
Sample ID: 70105
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 0.885
RTL: 0.207

Location ID: 7-00086
Sample ID: 70154
Sample Depth: 1.00 - 4.00 ft.
Nuclide: Cesium-137
Activity: 0.364
RTL: 0.207

Location ID: 7-00157
Sample ID: 70263
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Strontium-90
Activity: 0.557
RTL: 0.485

Location ID: 7-00017
Sample ID: 70033
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 6.21
RTL: 0.207

Location ID: 7-00086
Sample ID: 70153
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 4.55
RTL: 0.207

Location ID: 7-00009
Sample ID: 70017
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 2.66
RTL: 0.207

Location ID: 7-00017
Sample ID: 70034
Sample Depth: 1.00 - 2.00 ft.
Nuclide: Cesium-137
Activity: 0.389
RTL: 0.207

Location ID: 7-00007
Sample ID: 70014
Sample Depth: 1.00 - 2.58 ft.
Nuclide: Cesium-137
Activity: 0.407
RTL: 0.207

Location ID: 7-00009
Sample ID: 70017
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Strontium-90
Activity: 0.491
RTL: 0.485

Location ID: 7-00007
Sample ID: 70013
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 2.84
RTL: 0.207

Location ID: 7-00083
Sample ID: 70149
Sample Depth: 1.00 - 2.08 ft.
Nuclide: Strontium-90
Activity: 0.504
RTL: 0.485

Location ID: 7-00090
Sample ID: 70161
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 6.52
RTL: 0.207

Location ID: 7-00083
Sample ID: 70148
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 1.82
RTL: 0.207

Location ID: 7-00090
Sample ID: 70161
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Plutonium-239/240
Activity: 0.0475
RTL: 0.0404

Location ID: 7-00052
Sample ID: 70103
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 6.59
RTL: 0.207

Location ID: 7-00090
Sample ID: 70162
Sample Depth: 1.00 - 2.66 ft.
Nuclide: Cesium-137
Activity: 0.492
RTL: 0.207

Location ID: 7-00008
Sample ID: 70016
Sample Depth: 1.00 - 2.83 ft.
Nuclide: Cesium-137
Activity: 0.359
RTL: 0.207

Location ID: 7-00045
Sample ID: 70089
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 3.6
RTL: 0.207

Location ID: 7-00008
Sample ID: 70015
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 0.968
RTL: 0.207

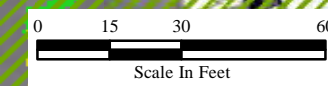


Figure 6
RMHF - Map 2
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



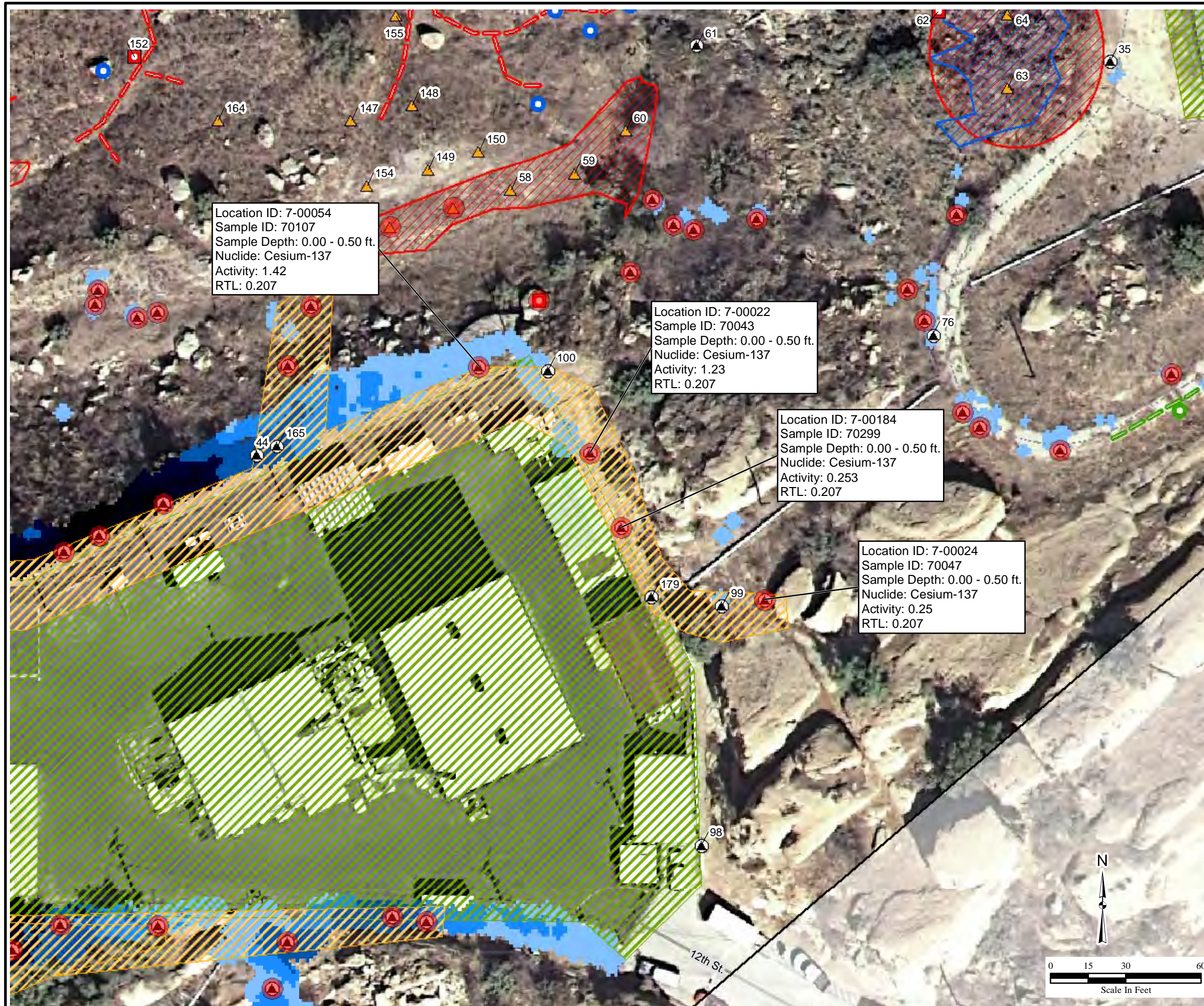
Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Ground Penetrating Radar
- Magnetometer
- Ground Penetrating Radar
- Terrain Conductivity
- Magnetometer
- Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID



Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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Fig6_RMHF-2.mxd
5/11/2012 pbillock
Source:HGL 2010, CIRGIS 2007



Location ID: 7-00054
Sample ID: 70107
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 1.42
RTL: 0.207

Location ID: 7-00022
Sample ID: 70043
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 1.23
RTL: 0.207

Location ID: 7-00184
Sample ID: 70299
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 0.253
RTL: 0.207

Location ID: 7-00024
Sample ID: 70047
Sample Depth: 0.00 - 0.50 ft.
Nuclide: Cesium-137
Activity: 0.25
RTL: 0.207

Figure 7
RMHF - Map 3
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- - - Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas



Notes:
RTL - Radiological Trigger Level
ft - Feet
All units reported in picocuries per gram

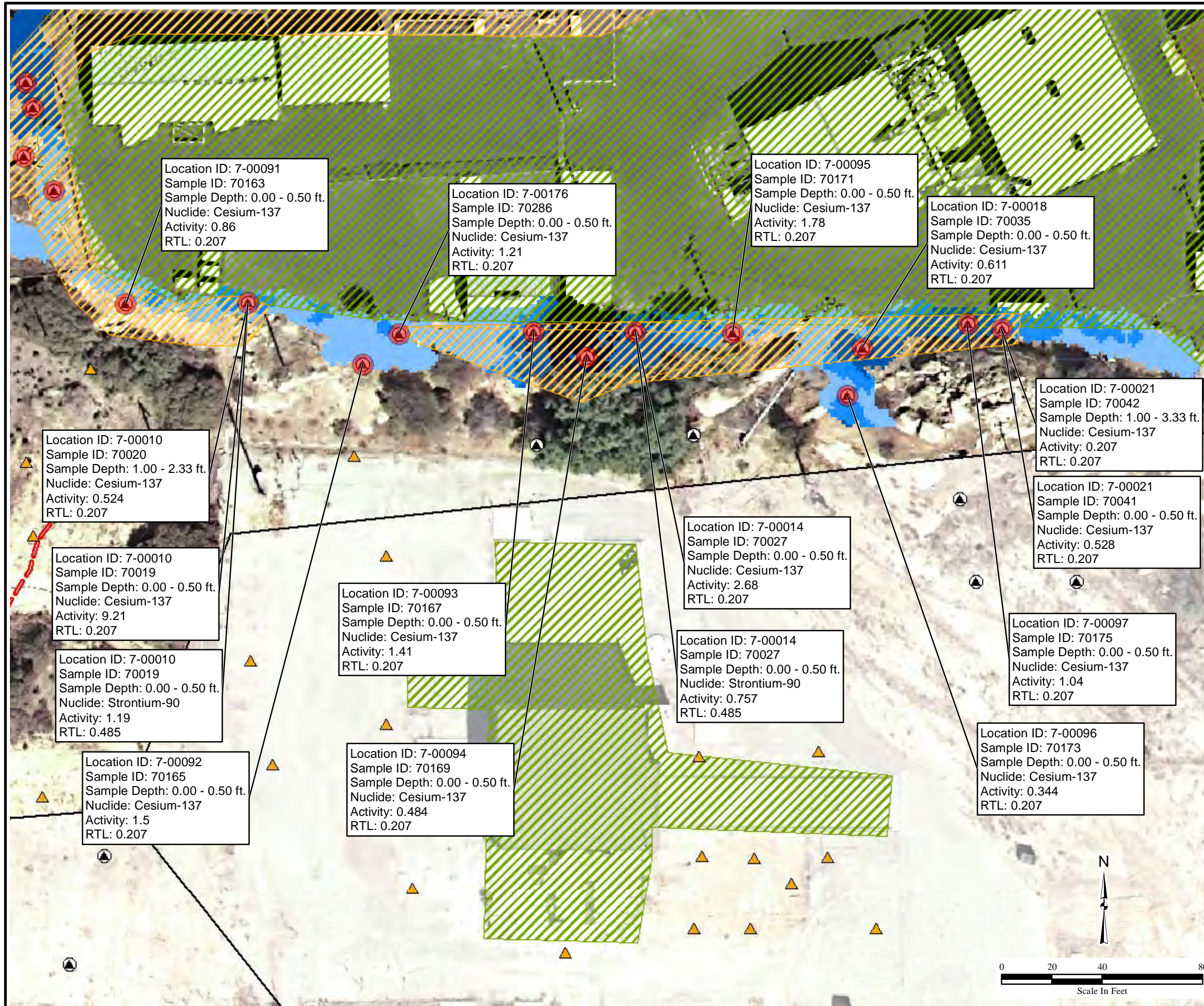


Figure 8
Outfall 3 Drainage - Map 1
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
 - Drainage
 - Subsurface
 - Surface Subsurface
- Geophysical Anomalies**
 - Magnetometer
 - Terrain Conductivity
 - Magnetometer
 - Terrain Conductivity
 - Subareas
- 145 Location ID
- Lower Cesium-137 (Activity Ratio) Higher

Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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5/11/2012 pbbillock
Source:HGL 2010, CIRGIS 2007



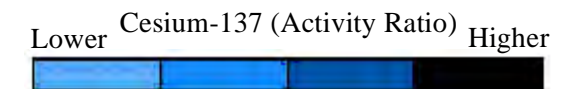
Figure 9
Outfall 3 Drainage - Map 2
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
 - Drainage
 - ▲ Subsurface
 - ▲ Surface Subsurface
- Geophysical Anomalies**
 - Magnetometer
 - Terrain Conductivity
 - ▨ Magnetometer
 - ▨ Terrain Conductivity
- Likely Remediation Zones**
 - ▨ Chemical
 - ▨ Decontamination and Decommissioning
 - Subareas



Notes:
RTL - Radiological Trigger Level
ft - Feet
All units reported in picocuries per gram

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5/23/2012 pbillock
Source:HGL 2010, CIRGIS 2007

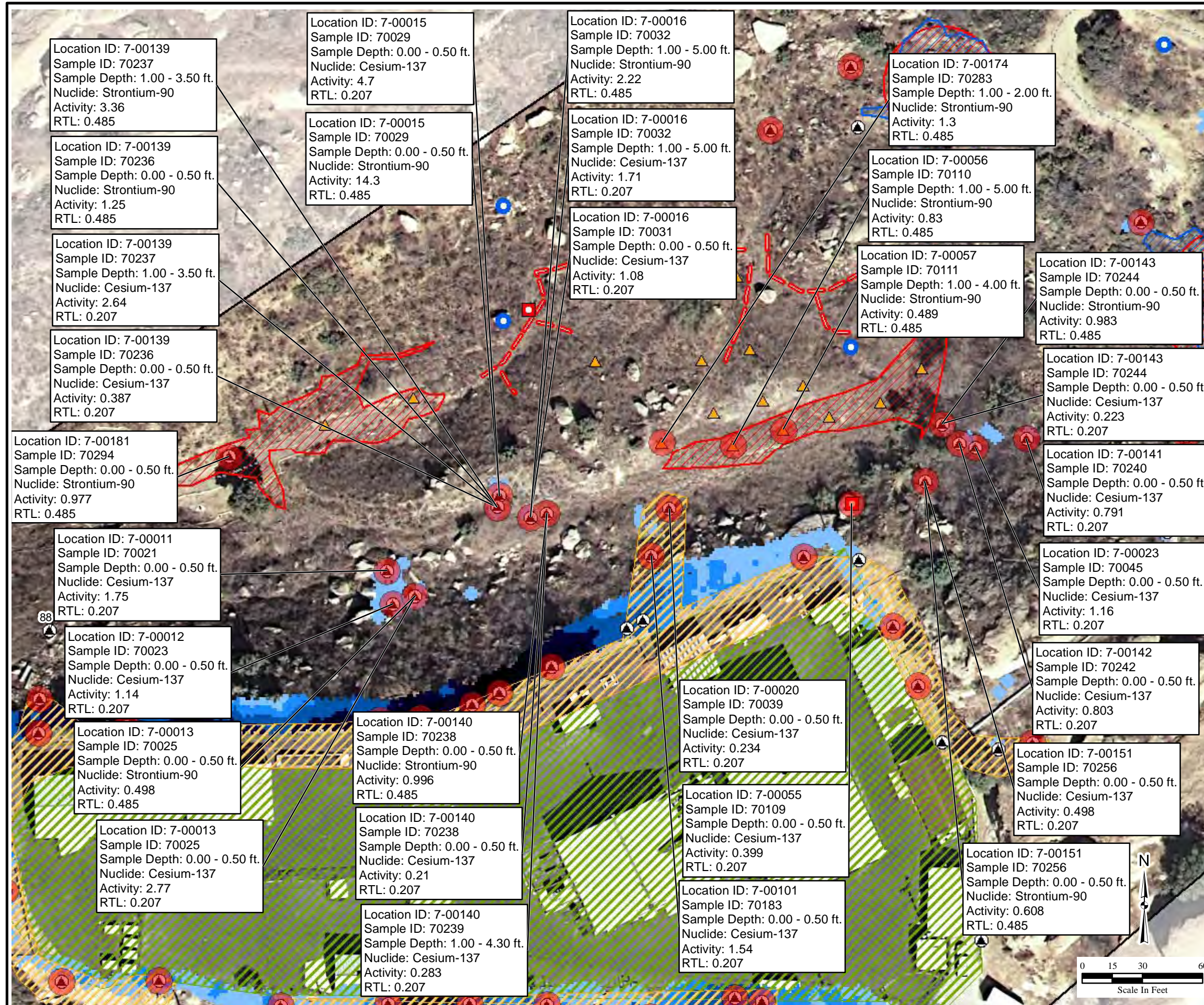


Figure 10
RMHF Holding Pond - Map 1
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Magnetometer
- Terrain Conductivity
- ▨ Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID
- Lower Cesium-137 (Activity Ratio) Higher

Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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5/11/2012 pbillcock
Source:HGL 2010, CIRGIS 2007

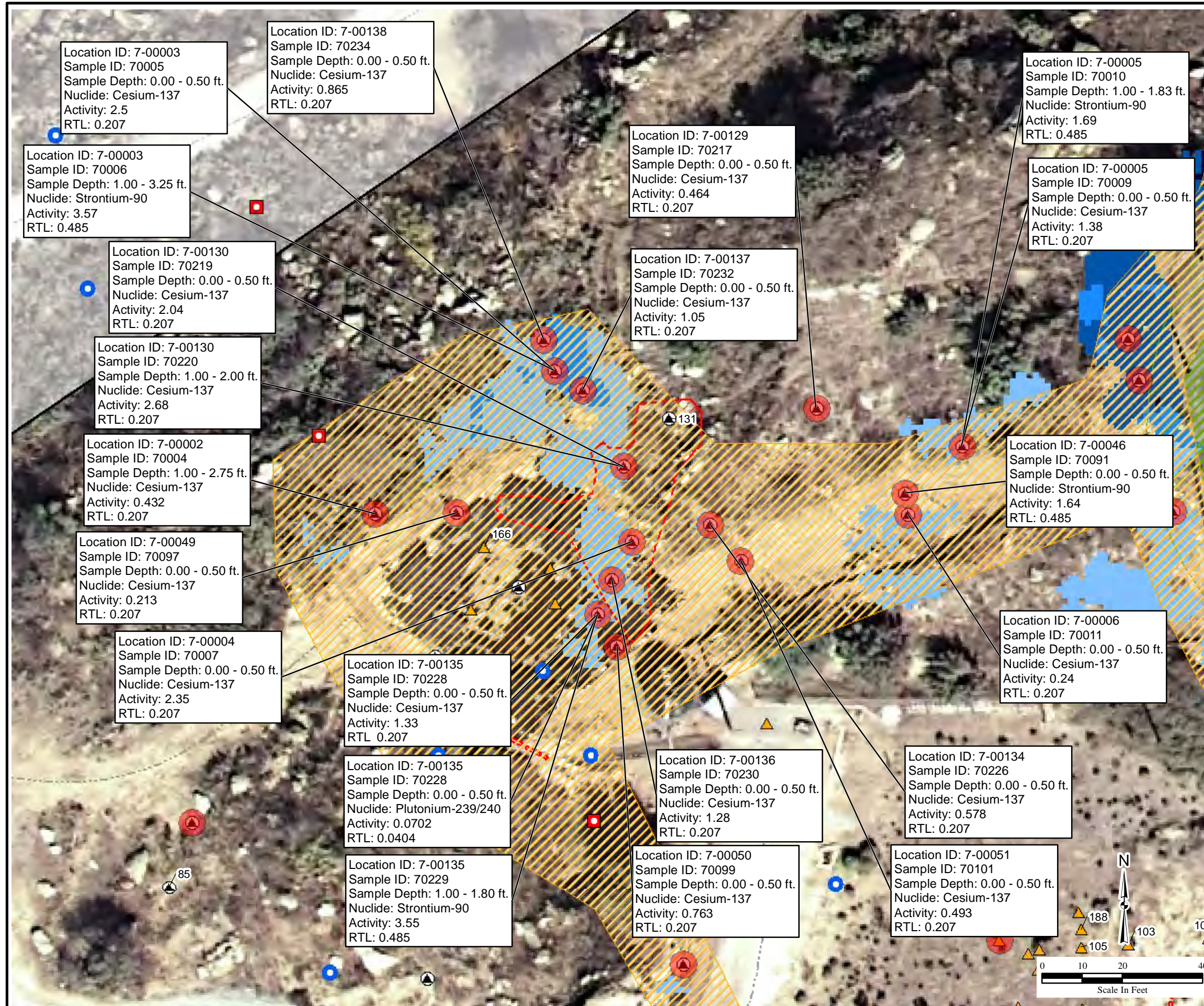


Figure 11
RMHF Holding Pond - Map 2
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
- Drainage
- ▲ Subsurface
- ▲ Surface Subsurface
- Geophysical Anomalies**
- Terrain Conductivity
- Magnetometer
- - - Terrain Conductivity
- ▨ Terrain Conductivity
- Likely Remediation Zones**
- ▨ Chemical
- ▨ Decontamination and Decommissioning
- Subareas
- 145 Location ID
- Lower ▬ Cesium-137 (Activity Ratio) ▬ Higher

Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram

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Fig11_RMHFHoldingPond-2.mxd
5/11/2012 pbillock
Source:HGL 2010, CIRGIS 2007

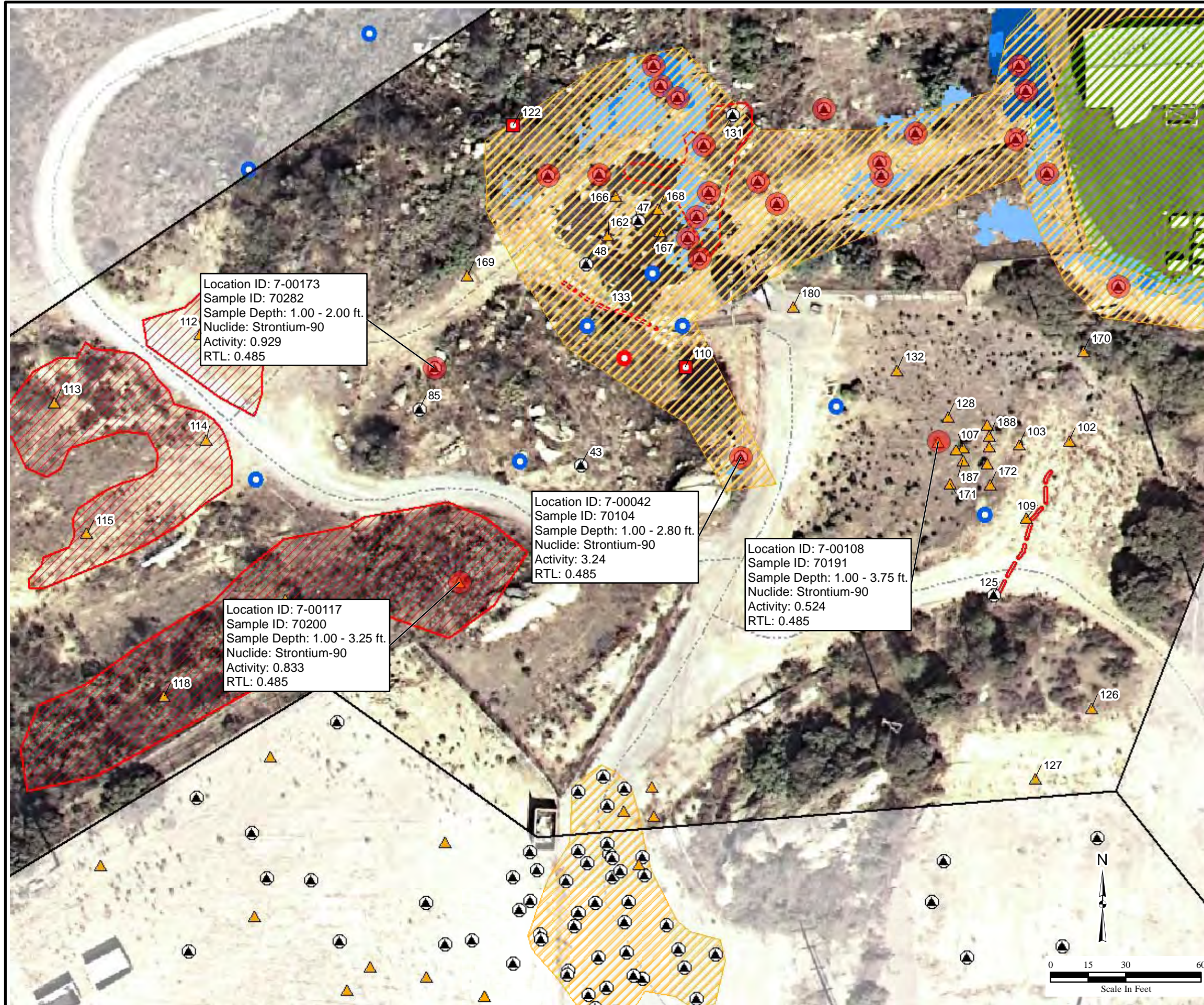


Figure 12
Southern Portion
Subarea 7, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Exceed RTLs
- Round 1 Sample Location**
 - Drainage
 - Subsurface
 - Surface Subsurface
- Geophysical Anomalies**
 - Magnetometer
 - Terrain Conductivity
- Likely Remediation Zones**
 - Chemical
 - Decontamination and Decommissioning
 - Subareas

145 Location ID

Notes:
RTL - Radiological Trigger Level
ft - Feet
ID - Identification
All units reported in picocuries per gram



ATTACHMENT 1

Tables

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LIST OF ATTACHMENT TABLES

Table A.1	Boring Log Summary
Table A.2	Analytical Results Summary
Table A.3	Parent and Field Duplicate Results Summary
Table A.4	Rinsate and Source Comparison Summary

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

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00001	0-0.5	1-5	ML/SM/SP	5	5	Refusal on sandstone 5 ft	1907947.74212360	6345859.37640278
7-00002	0-0.5	1-2.75	SM	2.75	2.75	Fill to 2.75 ft	1908266.83302085	6346408.33429436
7-00003	0-0.5	1-3.25	SC	3.25	3.25	Refusal on sandstone 3.25 ft	1908302.42415702	6346452.96839145
7-00004	0-0.5	NA	SM	1.08	1.08	Refusal on sandstone 1.08 ft	1908259.88946518	6346472.36467811
7-00005	0-0.5	1-1.83	SM	1.83	1.83	Fill to 1.83 ft	1908283.63055943	6346554.44555069
7-00006	0-0.5	1-2.33	SM	2.33	2.33	Fill to 1.0 ft	1908266.62042285	6346541.12635161
7-00007	0-0.5	1-2.58	SM	2.58	2.58	Refusal on sandstone 2.58 ft	1908310.32866877	6346595.84310569
7-00008	0-0.5	1-2.83	SM	2.83	2.83	Refusal on sandstone 2.83 ft	1908267.48820327	6346607.02582611
7-00009	0-0.5	NA	SM	0.75	0.75	Refusal on sandstone 0.75 ft	1908353.73278144	6346813.62711894
7-00010	0-0.5	1-2.33	SM	2.33	2.33	Refusal on sandstone 2.33 ft	1908223.02995886	6346683.93905811
7-00011	0-0.5	NA	SM/ML	1	1	Refusal on sandstone 1.0 ft	1908426.81564052	6346797.31809644
7-00012	0-0.5	NA	ML	1.5	1.5	Refusal on sandstone at 1.5 ft, fill to 1.5 ft	1908410.17722236	6346800.02150310
7-00013	0-0.5	1-2.42	ML	2.42	2.42	Refusal on sandstone 2.42 ft	1908414.22183369	6346811.28427586
7-00014	0-0.5	1-1.75	SM	1.75	1.75	Refusal on sandstone 1.75 ft	1908211.44664869	6346838.01092844
7-00015	0-0.5	NA	ML	1	1	Refusal on sandstone 1.0 ft	1908463.90546136	6346853.09554393
7-00016	0-0.5	1-5	ML	5	5	Refusal on sandstone 5.0 ft	1908453.30312036	6346868.53678602
7-00017	0-0.5	1-2	SM	2	2	Refusal on sandstone 2.0 ft	1908366.31051218	6346853.36260377
7-00018	0-0.5	NA	SM	1.5	1.5	Refusal on sandstone 1.5 ft	1908204.98603168	6346928.24106294
7-00019	0-0.5	1-2.5	ML	2.5	2.5	Refusal on sandstone 2.5 ft	1908670.14225361	6346902.96552294
7-00020	0-0.5	1-5	ML/SM	10	NA	No refusal encountered	1908457.48421435	6346937.78369477
7-00021	0-0.5	1-3.33	SM	3.33	3.33	Refusal on sandstone 3.33 ft, fill to 1.5 ft	1908212.66154127	6346983.65958728
7-00022	0-0.5	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908399.25959326	6347048.80578244
7-00023	0-0.5	1-4.4	ML	4	4	Refusal on sandstone 4.0 ft	1908488.12949426	6347090.18824561

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

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00024	0-0.5	1-2.5	SM/SP	2.5	2.5	Refusal on sandstone 2.5 ft	1908340.96377811	6347118.46804470
7-00025	0-0.5	1-5	SM/SP	10	NA	Fill to 10 ft	1908600.18504444	6347172.33735953
7-00026	0-0.5	1-2.16	ML	2.16	2.16	Refusal on sandstone 2.16 ft	1908464.54161493	6347175.15822002
7-00027	0-0.5	NA	ML	1.66	1.66	Refusal on sandstone 1.66 ft	1908649.49367285	6347224.37170428
7-00028	0-0.5	1-5	SM	9	9	Fill to 8.83 ft, refusal on sandstone 9.0 ft	1908494.06156902	6347194.96297043
7-00029	0-0.5	1-2.5	SM	2.5	2.5	Fill to 2.3 ft, refusal on sandstone 2.5 ft	1908452.17845069	6347182.27467561
7-00030	0-0.5	1-5	SM	5.5	5.5	Fill to 3.75 ft, refusal on sandstone 5.5 ft	1908409.80911285	6347204.04070820
7-00031	0-0.5	1-5	SP/SM/ML	10	NA	Fill to 10 ft	1908649.05141652	6347235.45140652
7-00032	0-0.5	1-5	SP/SM/SP/SM	10	NA	Fill to 10 ft	1908606.85136968	6347241.85362468
7-00033	0-0.5	1-5	ML/SP	9.75	9.75	Refusal on sandstone 9.75 ft	1908737.41049176	6347271.89260661
7-00034	0-0.5	1-5	SP/SM/SP/SM	10	NA	Fill to 10 ft	1908615.25817701	6347262.46644436
7-00035	0-0.5	1-5	SM	8	8	Fill to 7.5 ft, refusal on sandstone 8.0 ft	1908554.71006978	6347255.99401636
7-00036	0-0.5	NA	ML	1.5	1.5	Refusal on sandstone 1.5 ft	1908400.42396101	6347236.11479102
7-00037	0-0.5	1-5	SP/SM	5	5	Refusal on sandstone 5.0 ft	1908964.63871185	6347295.35942319
7-00038	0-0.5	1-5	ML/SM	7.3	7.3	Refusal on sandstone 7.3 ft	1908726.31930660	6347305.06248778
7-00039	0-0.5	1-5	SM/SP	7	7	Fill to 4.0 ft, refusal on sandstone 6.0 ft	1908430.74181376	6347280.40833761
7-00040	0-0.5	NA	ML	0.5	NA	Surface sample collected before archaeological site defined.	1909331.11993428	6347320.21107952
7-00041	0-0.5	1-5	SM/SP	7.5	7.5	Refusal on sandstone 7.5 ft	1908992.92966577	6347343.26483918
7-00042	0-0.5	1-2.8	SM	2.8	2.8	Fill to 2.6 ft, refusal on sandstone 2.8 ft	1908154.80601394	6346485.12121427
7-00043	0-0.5	NA	SM	1.5	1.5	Fill to 0.33 ft, refusal on sandstone 1.5 ft	1908151.49696544	6346421.37068560
7-00044	0-0.5	NA	SM	0.92	0.92	Refusal on sandstone 0.92 ft	1908398.31536944	6346916.35854077
7-00045	0-0.5	NA	SM	1.5	1.5	Refusal on sandstone 1.5 ft	1908281.10103694	6346594.72926277

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Boring Log Summary
Subarea 7, Round 1

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7-00046	0-0.5	1-3.8	SM	3.8	3.8	Fill to 3.8 ft, refusal on sandstone 3.8 ft	1908271.96325994	6346540.35830852
7-00047	0-0.5	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908248.68607552	6346444.17477386
7-00048	0-0.5	1-5	SM/ML	10	NA	No refusal encountered	1908231.42593944	6346423.29719095
7-00049	0-0.5	1-5	SM	5	5	Fill to 5.0 ft, refusal on sandstone 5.0 ft	1908267.11353210	6346428.68858436
7-00050	0-0.5	NA	SC	1.25	1.25	Fill to 1.25 ft, refusal on fill	1908233.89476652	6346468.65405561
7-00051	0-0.5	1-2.6	SM/SP	2.6	2.6	Fill to 2.6 ft, refusal on sandstone 2.6 ft	1908255.26972377	6346499.43483394
7-00052	0-0.5	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908360.10087894	6346839.46499377
7-00053	0-0.5	1-2.2	SM	2	2	Refusal on sandstone 2.0 ft	1908379.29211351	6346878.89470494
7-00054	0-0.5	NA	SM	1.5	1.5	Refusal on sandstone 1.5 ft	1908433.65880269	6347004.76748469
7-00055	0-0.5	NA	ML	0.5	NA	Drainage	1908460.23880202	6347028.63226636
7-00056	NA	1-5	SM/SP	5	5	Fill to 4.92 ft, refusal on sandstone 5.0 ft	1908489.34701152	6346969.39353970
7-00057	NA	1-4	SM/ML/SP	4	4	Fill to 3.75 ft, refusal on sandstone 4.0 ft	1908496.99397786	6346994.48469686
7-00058	NA	NA	SM	1.5	1.5	Refusal on sandstone 1.5 ft	1908503.92769101	6347017.55584495
7-00059	NA	1-5	ML/SM/SP	6	6	Refusal on sandstone 6.0 ft	1908510.54185101	6347042.89175227
7-00060	NA	1-3.6	ML/SM/ML	3.6	3.6	Refusal on sandstone 3.6 ft	1908527.50179085	6347063.36349611
7-00061	0-0.5	1-2.5	ML	2.5	2.5	Refusal on sandstone 2.5 ft	1908561.02797052	6347091.35786269
7-00062	0-0.5	NA	ML	0.5	NA	Drainage	1908574.66245769	6347187.67328685
7-00063	NA	NA	ML	0.66	0.66	Refusal on sandstone 0.66 ft	1908544.38167836	6347215.46883494
7-00064	NA	NA	ML	0.8	0.8	Refusal on sandstone 0.8 ft	1908573.61685610	6347215.47375619
7-00065	NA	1-3	ML	3	3	Fill to 2.0 ft, refusal on sandstone 3.0 ft	1908672.72558176	6347078.14233795
7-00066	0-0.5	1-2.3	ML	2.3	2.3	Refusal on sandstone 2.33 ft	1908677.38797402	6347027.79893470
7-00067	0-0.5	NA	ML	0.66	0.66	Refusal on sandstone 0.66 ft	1908645.76434961	6346988.08051020
7-00068	0-0.5	1-2	ML	2	2	Refusal on sandstone 2.0 ft	1908646.97399285	6347031.46296936

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7-00069	0-0.5	1-3.6	ML	3.58	3.58	Refusal on sandstone 3.58 ft	1908613.76408552	6346967.30069610
7-00070	0-0.5	1-4.5	SM/SP	4.5	4.5	Fill to 2.3 ft, refusal on sandstone 4.5 ft	1908952.23355293	6347274.06353402
7-00071	0-0.5	1-5	SM/SP	7.3	7.3	Refusal on sandstone 7.3 ft	1908987.53531960	6347316.93057428
7-00072	NA	1-5	ML	8.5	8.5	Fill to 8.25 ft, refusal on sandstone 8.5 ft	1908461.72928460	6347307.17534444
7-00073	0-0.5	1-5	SM	5.5	5.5	Refusal on sandstone 5.5 ft	1908415.86126611	6347197.33271636
7-00074	NA	1-5	SM	7.5	7.5	Fill to 6.92 ft, refusal on sandstone 7.5 ft	1908440.89008744	6347329.29505086
7-00075	NA	1-5	SM/SP	10	NA	Fill to 10 ft	1908450.03606652	6347348.30091835
7-00076	0-0.5	1-3.5	SM/ML	3.5	3.5	Fill to 3.25 ft, refusal on sandstone 3.5 ft	1908446.21094294	6347185.55747744
7-00077	0-0.5	1-5	SM	5	5	Fill to 4.66, refusal on sandstone 5.0 ft	1908432.01543327	6347314.82460736
7-00078	0-0.5	1-5	ML/SM/SP	8	8	Fill to 2.2 ft, refusal on sandstone 8.0 ft	1908484.71808377	6347341.49286110
7-00079	NA	1-5	SM	3	3	Fill to 1.3 ft, refusal on sandstone 3.0 ft	1908544.95582418	6347340.35638045
7-00080	NA	1-5	ML/SM	10	NA	Fill to 9.5 ft, sandstone at 9.5 ft	1908577.90785801	6347277.81976011
7-00081	NA	1-5	ML/SM	10	NA	Fill to 7.5 ft	1908651.88244760	6347298.44176611
7-00082	NA	1-5	SP/SM	6	6	Refusal on sandstone 5.8 ft	1908629.04981610	6347362.35961728
7-00083	0-0.5	1-2.08	SM	2.08	2.08	Refusal on sandstone 2.08 ft	1908352.53987044	6346793.61928494
7-00084	NA	NA	SM	1.33	1.33	Fill to 0.25 ft, sandstone refusal 1.33 ft	1908128.94845410	6346154.06052468
7-00085	0-0.5	1-1.66	SM	1.66	1.66	Refusal on sandstone 1.66 ft	1908174.03104110	6346357.04765153
7-00086	0-0.5	1-4	SM	4	4	Refusal on sandstone 4.0 ft	1908346.16094619	6346623.60256460
7-00087	0-0.5	1-2	SM	2	2	Fill to 2.0 ft, possible refusal on sandstone	1908363.38335268	6346624.12749794
7-00088	0-0.5	1-2.25	SM/SP	2.25	2.25	Fill to 1.5 ft, refusal on sandstone 2.25 ft	1908397.19069977	6346629.45491510
7-00089	0-0.5	1-4.5	ML	4.5	4.5	Fill to 2.0 ft, refusal on sandstone 4.5 ft	1908473.48680702	6346673.31867252
7-00090	0-0.5	1-2.66	SM	2.66	2.66	Refusal on sandstone 2.66 ft	1908300.24207477	6346598.39132894
7-00091	0-0.5	1-3.5	SM	3.5	3.5	Refusal on sandstone 3.5 ft	1908222.76716410	6346635.37353845

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Boring Log Summary
Subarea 7, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00092	0-0.5	1-1.83	SM	1.83	1.83	Refusal on sandstone 1.83 ft	1908198.92994143	6346729.66206378
7-00093	0-0.5	NA	SM	1	1	refusal on sandstone 1.0 ft	1908211.61134651	6346797.60976252
7-00094	0-0.5	NA	SM	0.75	0.75	Refusal on sandstone 0.75 ft	1908201.45519885	6346818.54508811
7-00095	0-0.5	NA	SM	1.75	1.75	Refusal on sandstone 1.75 ft	1908211.17302719	6346876.74903995
7-00096	0-0.5	1-3.5	ML	3.5	3.5	Refusal on sandstone 3.5 ft	1908186.28495361	6346922.41627145
7-00097	0-0.5	NA	SW	1.1	1.1	Refusal 1.1 ft	1908214.63758719	6346970.07168794
7-00098	0-0.5	1-2.33	SM	2.33	2.33	Refusal on sandstone 2.33 ft	1908243.30616502	6347093.24466994
7-00099	0-0.5	NA	SM/SP	1.16	1.16	Refusal on sandstone 1.16 ft	1908338.41489869	6347101.52352477
7-00100	0-0.5	NA	SM	1.33	1.33	Refusal on sandstone 1.33 ft	1908432.00952777	6347032.16080260
7-00101	0-0.5	NA	SM	1.1	1.1	Refusal on sandstone 1.1 ft	1908434.19554701	6346928.80339777
7-00102	NA	1-5	SM/ML	10	NA	Advanced to 10 ft	1908161.33946544	6346616.04746161
7-00103	NA	14-19 /1-5	SM/CL	19	19	Fill to 18.8 ft, refusal on sandstone 19 ft, proposed depth reached	1908159.78271002	6346596.03667486
7-00104	NA	15-20 /1-5	SM/CL/SM	20	20	Fill to 20 ft, refusal on sandstone 20 ft, proposed depth reached	1908152.29092710	6346583.33886561
7-00105	NA	5-Jan	SM	5	5	Fill to 5.0 ft, refusal on fill 5.0 ft	1908159.13901052	6346584.14299786
7-00106	NA	12.5-17.5 /1-5	ML/SM/CL/SP	17.5	17.5	Fill to 17.5 ft, refusal on sandstone 17.5 ft, proposed depth reached	1908167.81681469	6346583.54982319
7-00107	NA	10-14 /1-5	SM	14	14	Fill to 14 ft, refusal on fill, proposed depth reached	1908158.60620318	6346573.76178503
7-00108	NA	1-3.75	SM	3.75	3.75	Fill to 3.5 ft, refusal on fill 3.5 ft	1908160.92050302	6346563.85366836
7-00109	NA	1-5	SM/ML	10	10	Fill to 7.0 ft	1908130.52653493	6346598.95300761
7-00110	0-0.5	NA	ML	0.5	NA	Drainage	1908190.56808151	6346462.85616694
7-00111	0-0.5	NA	ML	0.5	NA	Drainage	1908343.10353760	6346378.74937977

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Subarea 7, Round 1**

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00112	NA	NA	SM	1	1	Fill to 0.66 ft, refusal on sandstone 1.0 ft	1908203.70092927	6346270.10556818
7-00113	NA	NA	SM	1.3	1.3	Fill to 0.5, refusal on sandstone 1.0 ft	1908176.69704626	6346211.98035636
7-00114	NA	NA	SM	1.5	1.5	Fill to 0.66 ft, refusal on sandstone 1.5 ft	1908162.01630135	6346272.22793928
7-00115	NA	NA	SM	1.5	1.5	Fill to 0.66 ft, refusal on sandstone 1.5 ft	1908124.50292493	6346224.95998919
7-00116	NA	1-2.58	SM/CL	2.58	2.58	Fill to 1.0 ft, refusal on sandstone 2.58 ft	1908098.16537918	6346303.86567128
7-00117	NA	1-3.25	SM	3.25	3.25	Refusal on sandstone 3.25 ft	1908104.89305602	6346373.03088727
7-00118	NA	1-5	SM/CL/SM	5.2	5.2	Fill to 1.0 ft, refusal on sandstone 5.2 ft	1908059.75010168	6346255.48289402
7-00119	0-0.5	1-5	SM	5.83	5.83	Refusal on fill 5.83 ft	1907998.38769160	6346184.21728852
7-00120	0-0.5	1-5	SM/ML/SC/CL	10	NA	Fill to 5.66 ft	1907927.63881735	6346068.14927919
7-00121	0-0.5	1-5	SM/SC/CL	10	NA	Fill to 6.25 ft	1907881.39711194	6345994.47127694
7-00122	0-0.5	NA	ML	0.5	NA	Drainage	1908286.52294210	6346394.41863978
7-00123	0-0.5	1-5	SM/SC	10	NA	Fill to 3.25 ft	1907803.34247802	6345856.73828469
7-00124	0-0.5	NA	ML	0.5	NA	Drainage	1907875.52015519	6345856.89838935
7-00125	0-0.5	1-5	SM	5	5	Fill to 5.0 ft, refusal on sandstone 5.0 ft	1908099.80710818	6346585.83886061
7-00126	NA	1-5	SM/ML/SP/ML	7	7	Fill to 3.58 ft, refusal on sandstone 7.0 ft	1908055.13134451	6346624.91785069
7-00127	NA	1-5	SM/ML	7.5	7.5	Fill to 4.33 ft, refusal on siltstone 7.5 ft	1908027.20653160	6346602.55405028
7-00128	NA	1-5	SM	10	NA	Fill to 10 ft	1908171.08288427	6346567.75425111
7-00129	0-0.5	NA	SP	0.5	0.5	Fill to 0.5 ft, refusal on sandstone 0.5 ft	1908293.22798118	6346518.19168620
7-00130	0-0.5	1-2	SM	2	2	Fill to 2.0 ft, refusal on sandstone 2.0 ft	1908278.52558278	6346470.22951178
7-00131	0-0.5	1-2.2	SM/SW	2.2	2.2	Refusal on sandstone 2.2 ft	1908290.69681826	6346481.65074877
7-00132	NA	1-5	SM	9.5	9.5	Fill to 8.75 ft, refusal on sandstone 9.5 ft	1908189.54380535	6346547.53283486
7-00133	0-0.5	NA	ML	0.5	NA	Drainage, subsurface not accessible	1908216.01389676	6346432.70924560

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7-00134	0-0.5	NA	SM	1.25	1.25	Fill to 1.25 ft, refusal on sandstone 1.25 ft	1908264.17948285	6346491.79016419
7-00135	0-0.5	1-1.83	SW	1.83	1.83	Refusal on sandstone 1.83 ft	1908241.93608902	6346463.72361928
7-00136	0-0.5	1-2.5	SC/SW	2.5	2.5	Fill to 1.0 ft, refusal on sandstone 2.5 ft	1908250.40195136	6346467.36042303
7-00137	0-0.5	NA	SM	1.1	1.1	Refusal on sandstone 1.1 ft	1908297.58295935	6346459.98707819
7-00138	0-0.5	1-2.66	SC	2.66	2.66	Refusal on sandstone 2.66 ft	1908310.26731719	6346450.35389536
7-00139	0-0.5	1-3.5	ML	3.5	3.5	Refusal on sandstone 3.5 ft	1908458.39366135	6346851.99876135
7-00140	0-0.5	1-4.3	ML	4.33	4.33	Refusal on sandstone 4.33 ft	1908455.30770951	6346876.71196653
7-00141	0-0.5	NA	ML	1	1	Refusal on sandstone 1.0 ft	1908492.56058776	6347115.50840494
7-00142	0-0.5	1-5	ML	8	8	Refusal on sandstone 8.0 ft	1908490.12686560	6347082.19252670
7-00143	0-0.5	1-5	SM/ML/SM	10	NA	Advanced to 10 ft	1908499.83189869	6347073.59608719
7-00144	0-0.5	1-5	SP/SM	10	10	Fill to 10 ft	1908642.42085235	6347238.17548244
7-00145	0-0.5	1-5	SP/SM	10	10	Fill to 10 ft	1908664.92540052	6347237.93106036
7-00146	0-0.5	1-5	SP/SM/SM/ SP/SM	10	NA	Fill to 10 ft	1908599.91995311	6347278.62979786
7-00147	NA	1-2.3	SM/SP	2.3	2.3	Fill to 0.66 ft, refusal on sandstone 2.3 ft	1908531.48931569	6346953.97395111
7-00148	NA	NA	ML	1.33	1.33	Refusal on sandstone 1.33 ft	1908537.44468436	6346978.14647494
7-00149	NA	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908511.92472227	6346984.51490052
7-00150	NA	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908519.18159752	6347004.76715661
7-00151	0-0.5	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908471.26371436	6347064.98160311
7-00152	0-0.5	NA	SM	0.5	NA	Drainage	1908556.66610260	6346867.45378294
7-00153	0-0.5	NA	SM	0.5	NA	Drainage	1908588.42555352	6346948.02875302
7-00154	NA	NA	SM	1.5	1.5	Refusal on sandstone 1.5 ft	1908505.66686077	6346960.23968661
7-00155	NA	1-2.5	ML/SP	2.5	2.5	Fill to 2.2 ft, refusal on sandstone 2.5 ft	1908573.03385203	6346971.69766894

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Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00156	NA	1-5	ML/SP/SM	8.5	8.5	Fill to 6.2 ft, refusal on sandstone 8.5 ft	1908461.52259210	6347327.87871511
7-00157	0-0.5	1-3.83	SM	3.83	3.83	Refusal on sandstone 3.83 ft	1908349.54742235	6346667.90759411
7-00158	NA	1-5	SM	5	5	Fill to 4.83 ft, refusal on sandstone 5.0 ft	1908474.20891844	6347352.35045095
7-00159	NA	1-4	ML/SM	4	4	Fill to 3.58 ft, refusal on sandstone 4.0 ft	1907840.80040835	6345792.16853194
7-00160	NA	NA	ML	1.1	1.1	Refusal on sandstone 1.1 ft	1907892.66579018	6345902.36024070
7-00161	NA	1-5	SM/SP	6.5	6.5	Fill to 1.0 ft, refusal on sandstone 6.5 ft	1908107.16601735	6346103.78044152
7-00162	NA	0.5-1	SM	1	1	Refusal on sandstone 1.0 ft	1908243.18969543	6346432.34769778
7-00163	NA	NA	ML	1.1	1.1	Fill to 1.1 ft, refusal on sandstone 1.1 ft	1908499.69541602	6346766.80175328
7-00164	NA	1-1.58	ML	1.58	1.58	Refusal on sandstone 1.58 ft	1908531.44010319	6346900.87661636
7-00165	0-0.5	1-2.5	SM	2.5	2.5	Refusal on sandstone 2.5 ft	1908401.95840678	6346924.39395778
7-00166	NA	1-2.25	SM	2.25	2.25	Fill to 2.25 ft	1908258.69392952	6346435.63115577
7-00167	NA	0.5-1.5	SM	1.5	1.5	Fill to 1.5 ft, refusal on sandstone 1.5 ft	1908244.61882643	6346453.21379778
7-00168	NA	0.5-1.66	SM	1.66	1.66	Refusal on sandstone 1.66 ft	1908253.48199768	6346452.11799945
7-00169	NA	1-4	SM/ML	4	4	Fill to 2.75 ft, refusal on sandstone 4.0 ft	1908227.26945169	6346376.46756018
7-00170	NA	1-5	SM/ML/SM	10	NA	Fill to 2.66 ft	1908196.96406610	6346621.74036361
7-00171	NA	1-5	SM	10	NA	Fill to 10 ft	1908144.32834460	6346568.57249094
7-00172	NA	1-5	SM	10	NA	Fill to 10 ft	1908143.97237419	6346584.58984735
7-00173	0-0.5	1-2	SM	2	2	Refusal on sandstone 2.0 ft	1908190.12320052	6346362.95512002
7-00174	NA	1-2	SM	2	2	Refusal on sandstone 2.0 ft	1908490.50744227	6346933.93658961
7-00175	0-0.5	1-5	SM/ML/SM/ SC/CL	10	NA	Fill to 1.5 ft	1907844.71575485	6345932.59902535
7-00176	0-0.5	NA	SM	1	1	Refusal on sandstone 1.0 ft	1908210.83838218	6346743.95271760
7-00177	NA	1-4	SM/ML/SM	4	4	Fill to 3.5 ft, refusal on sandstone 4.0 ft	1908162.37948960	6346726.22965594

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

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Notes/Comments	Northing ¹	Easting ¹
7-00178	0-0.5	1-5	SM/SP	6.75	6.75	Refusal on sandstone 6.75 ft	1908979.63835376	6347310.02376394
7-00179	0-0.5	NA	SM	1.2	1.2	Refusal on sandstone 1.2 ft	1908341.94868427	6347073.48847586
7-00180	NA	1-4	SP/SM	4	4	Fill to 1.1 ft, refusal on sandstone 4.0 ft	1908214.82623510	6346506.15069978
7-00181	0-0.5	1-1.58	ML/SM	1.58	1.58	Fill to 0.5 ft, refusal on sandstone 1.58 ft	1908483.47858493	6346718.47639061
7-00182	NA	1-3 ft	ML/SM	3	3	Fill to 1.25 ft, refusal on sandstone 3.0 ft	1908513.27675368	6346810.42305711
7-00183	0-0.5	1-5	ML/SM/ML/SM	10	NA	Fill to 10 ft	1908694.76589201	6347306.90533186
7-00184	0-0.5	NA	SM	1.2	1.2	Refusal fill 1.2 ft	1908369.57198860	6347061.29099369
7-00185	NA	1-4	SM	4	4	Refusal on sandstone 4.0 ft	1907938.65552761	6345960.21806460

Notes:

¹Northing and easting measured using NAD83 SPZ5 US Feet

bgs - below ground surface

CL - clay

ft - feet

GM - silty gravel

GW - well graded gravel

ML - silt

NA - not applicable

SC - clayey sand

SM - silty sand

SP - poorly graded sand

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00001	70001	Ac-228	1.55	0.107	0.0775	2.4	0.00 - 0.50
7-00001	70001	Am-241	0.0071	0.0138	0.0046	0.0454	0.00 - 0.50
7-00001	70001	Bi-212	1.01	0.145	0.0849	2.15	0.00 - 0.50
7-00001	70001	Bi-214	1.34	0.0337	0.0617	1.59	0.00 - 0.50
7-00001	70001	Cd-113m	-164 UJ	157	63.4	3030	0.00 - 0.50
7-00001	70001	Cm-243/244	0.0056 U	0.0172	0.0049	0.0443	0.00 - 0.50
7-00001	70001	Co-60	-0.0038 U	0.0189	0.0056	0.028	0.00 - 0.50
7-00001	70001	Cs-134	0.0001 U	0.0167	0.0057	0.0864	0.00 - 0.50
7-00001	70001	Cs-137	0.149	0.0188	0.0118	0.207	0.00 - 0.50
7-00001	70001	Eu-152	0.0146 U	0.0565	0.0209	0.0566	0.00 - 0.50
7-00001	70001	Eu-154	-0.0158 U	0.109	0.0329	0.15	0.00 - 0.50
7-00001	70001	Eu-155	0.0863 JS	0.0879	0.0355	0.231	0.00 - 0.50
7-00001	70001	Ho-166m	-0.0078 U	0.0291	0.0089	0.0432	0.00 - 0.50
7-00001	70001	K-40	23.9	0.138	1.57	32.4	0.00 - 0.50
7-00001	70001	Na-22	-0.0015 U	0.0222	0.0076	0.037	0.00 - 0.50
7-00001	70001	Nb-94	0.0038 U	0.0171	0.0051	0.0214	0.00 - 0.50
7-00001	70001	Np-236	-0.0143 U	0.0467	0.0142	0.047	0.00 - 0.50
7-00001	70001	Np-239	-0.043 U	0.159	0.0489	0.139	0.00 - 0.50
7-00001	70001	Pa-231	0.117 UJ	0.966	0.334	0.936	0.00 - 0.50
7-00001	70001	Pb-212	1.7	0.041	0.113	2.69	0.00 - 0.50
7-00001	70001	Pb-214	1.49	0.0397	0.0744	1.7	0.00 - 0.50
7-00001	70001	Pu-236	0.0026 U	0.0281	0.0066	7.79	0.00 - 0.50
7-00001	70001	Pu-238	0.0051 U	0.0351	0.0091	0.0415	0.00 - 0.50
7-00001	70001	Pu-239/240	0.0038 U	0.0191	0.0048	0.0404	0.00 - 0.50
7-00001	70001	Pu-244	-0.0043 U	0.0237	0.0043	0.0313	0.00 - 0.50
7-00001	70001	Sb-125	0.0048 U	0.052	0.0157	0.354	0.00 - 0.50
7-00001	70001	Sn-126	0.0071 U	0.0188	0.0057	0.0237	0.00 - 0.50
7-00001	70001	Sr-90	0.0261 U	0.121	0.0342	0.485	0.00 - 0.50
7-00001	70001	Th-228	1.52	0.118	0.142	3.98	0.00 - 0.50
7-00001	70001	Th-229	-0.007 U	0.0652	0.0122	0.145	0.00 - 0.50
7-00001	70001	Th-230	1.09	0.0651	0.109	2.2	0.00 - 0.50
7-00001	70001	Th-232	1.32	0.0189	0.123	3.1	0.00 - 0.50
7-00001	70001	Th-234	2.01 J	0.376	0.217	3.19	0.00 - 0.50
7-00001	70001	Tl-208	0.542	0.0184	0.0303	0.937	0.00 - 0.50
7-00001	70001	Tm-171	-2.37 U	18.8	7.16	72.4	0.00 - 0.50
7-00001	70001	U-233/234	1.05	0.0376	0.111	2.02	0.00 - 0.50
7-00001	70001	U-235/236	0.0875	0.0198	0.0261	0.151	0.00 - 0.50
7-00001	70001	U-238	1.28	0.0376	0.129	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00001	70002	Ac-227	0.0056 U	0.194	0.057	0.217	1.00 - 5.00
7-00001	70002	Ac-228	1.39	0.0982	0.0655	2.4	1.00 - 5.00
7-00001	70002	Am-241	0.0051	0.0139	0.0051	0.0454	1.00 - 5.00
7-00001	70002	Bi-212	0.983	0.138	0.084	2.15	1.00 - 5.00
7-00001	70002	Bi-214	1.04	0.0309	0.0495	1.59	1.00 - 5.00
7-00001	70002	Cd-113m	15.7 U	130	38.1	3030	1.00 - 5.00
7-00001	70002	Cm-243/244	0.0103	0.0139	0.0073	0.0443	1.00 - 5.00
7-00001	70002	Co-60	-0.0004 U	0.0186	0.0055	0.028	1.00 - 5.00
7-00001	70002	Cs-134	-0.0054 U	0.0153	0.0055	0.0864	1.00 - 5.00
7-00001	70002	Cs-137	-0.0026 U	0.0174	0.006	0.207	1.00 - 5.00
7-00001	70002	Eu-152	-0.0236 U	0.0477	0.0156	0.0566	1.00 - 5.00
7-00001	70002	Eu-154	-0.0852 UJ	0.0975	0.0361	0.15	1.00 - 5.00
7-00001	70002	Eu-155	0.0847 JS	0.067	0.0262	0.231	1.00 - 5.00
7-00001	70002	Ho-166m	-0.0094 U	0.027	0.0085	0.0432	1.00 - 5.00
7-00001	70002	K-40	20.7	0.138	1.27	32.4	1.00 - 5.00
7-00001	70002	Na-22	0.0018 U	0.0231	0.0068	0.037	1.00 - 5.00
7-00001	70002	Nb-94	0.0133 JS	0.0169	0.0057	0.0214	1.00 - 5.00
7-00001	70002	Np-236	-0.0147 U	0.0366	0.0117	0.047	1.00 - 5.00
7-00001	70002	Np-239	-0.0204 U	0.127	0.0376	0.139	1.00 - 5.00
7-00001	70002	Pa-231	-0.145 U	0.793	0.247	0.936	1.00 - 5.00
7-00001	70002	Pb-212	1.55	0.0322	0.0924	2.69	1.00 - 5.00
7-00001	70002	Pb-214	1.24	0.0345	0.0588	1.7	1.00 - 5.00
7-00001	70002	Pu-236	0.0039	0.0052	0.0027	7.79	1.00 - 5.00
7-00001	70002	Pu-238	0.0008 U	0.0207	0.0049	0.0415	1.00 - 5.00
7-00001	70002	Pu-239/240	0.003 U	0.015	0.0038	0.0404	1.00 - 5.00
7-00001	70002	Pu-244	0	0.0052	0.0019	0.0313	1.00 - 5.00
7-00001	70002	Sb-125	0.0039 U	0.0447	0.0135	0.354	1.00 - 5.00
7-00001	70002	Sn-126	-0.0058 U	0.0177	0.0055	0.0237	1.00 - 5.00
7-00001	70002	Sr-90	0.0152 U	0.17	0.046	0.485	1.00 - 5.00
7-00001	70002	Th-228	1.3	0.128	0.118	3.98	1.00 - 5.00
7-00001	70002	Th-229	-0.0055 U	0.0822	0.0197	0.145	1.00 - 5.00
7-00001	70002	Th-230	1.14	0.0148	0.102	2.2	1.00 - 5.00
7-00001	70002	Th-232	1.49	0.0148	0.124	3.1	1.00 - 5.00
7-00001	70002	Th-234	1.97	0.288	0.193	3.19	1.00 - 5.00
7-00001	70002	Tl-208	0.483	0.0169	0.0274	0.937	1.00 - 5.00
7-00001	70002	Tm-171	-1.44 U	14.5	4.76	72.4	1.00 - 5.00
7-00001	70002	U-233/234	1.52	0.0887	0.181	2.02	1.00 - 5.00
7-00001	70002	U-235/236	0.0873	0.0886	0.0388	0.151	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00001	70002	U-238	1.43	0.113	0.174	1.8	1.00 - 5.00
7-00002	70003	Ac-227	-0.0111 U	0.166	0.0483	0.217	0.00 - 0.50
7-00002	70003	Ac-228	1.15	0.0848	0.0549	2.4	0.00 - 0.50
7-00002	70003	Am-241	0.0011 U	0.0151	0.0033	0.0454	0.00 - 0.50
7-00002	70003	Bi-212	0.827	0.107	0.0694	2.15	0.00 - 0.50
7-00002	70003	Bi-214	0.874	0.0256	0.0413	1.59	0.00 - 0.50
7-00002	70003	Cd-113m	40.1 U	108	33.4	3030	0.00 - 0.50
7-00002	70003	Cm-243/244	-0.0017 U	0.0192	0.0039	0.0443	0.00 - 0.50
7-00002	70003	Co-60	-0.0042 U	0.0143	0.0045	0.028	0.00 - 0.50
7-00002	70003	Cs-134	0.0067 JS	0.0127	0.0045	0.0864	0.00 - 0.50
7-00002	70003	Cs-137	0.0817	0.0152	0.0091	0.207	0.00 - 0.50
7-00002	70003	Eu-152	-0.0076 U	0.0387	0.0116	0.0566	0.00 - 0.50
7-00002	70003	Eu-154	-0.0747 UJ	0.0794	0.0305	0.15	0.00 - 0.50
7-00002	70003	Eu-155	0.0378 JS	0.0589	0.0197	0.231	0.00 - 0.50
7-00002	70003	H-3	0.535 U	8.31	2.28	11.9	0.00 - 0.50
7-00002	70003	Ho-166m	-0.0132 U	0.0212	0.0074	0.0432	0.00 - 0.50
7-00002	70003	K-40	22	0.0971	1.23	32.4	0.00 - 0.50
7-00002	70003	Na-22	-0.0066 U	0.0169	0.0054	0.037	0.00 - 0.50
7-00002	70003	Nb-94	0.0043 U	0.013	0.004	0.0214	0.00 - 0.50
7-00002	70003	Np-236	0.0015 U	0.031	0.0094	0.047	0.00 - 0.50
7-00002	70003	Np-239	0.0226 U	0.109	0.0342	0.139	0.00 - 0.50
7-00002	70003	Pa-231	-0.313 U	0.66	0.209	0.936	0.00 - 0.50
7-00002	70003	Pb-212	1.28	0.0284	0.0753	2.69	0.00 - 0.50
7-00002	70003	Pb-214	0.987	0.0275	0.0466	1.7	0.00 - 0.50
7-00002	70003	Pu-236	-0.0094 U	0.0382	0.0073	7.79	0.00 - 0.50
7-00002	70003	Pu-238	-0.0091 U	0.0369	0.0071	0.0415	0.00 - 0.50
7-00002	70003	Pu-239/240	0.006	0.0081	0.0042	0.0404	0.00 - 0.50
7-00002	70003	Pu-244	0.0008 U	0.0189	0.0037	0.0313	0.00 - 0.50
7-00002	70003	Sb-125	-0.0014 U	0.0369	0.011	0.354	0.00 - 0.50
7-00002	70003	Sn-126	0.0033 U	0.0143	0.0043	0.0237	0.00 - 0.50
7-00002	70003	Sr-90	-0.0293 U	0.171	0.0427	0.485	0.00 - 0.50
7-00002	70003	Th-228	1.14	0.114	0.115	3.98	0.00 - 0.50
7-00002	70003	Th-229	0.0137 U	0.0636	0.0168	0.145	0.00 - 0.50
7-00002	70003	Th-230	1.04	0.0634	0.104	2.2	0.00 - 0.50
7-00002	70003	Th-232	1.18	0.0185	0.112	3.1	0.00 - 0.50
7-00002	70003	Th-234	1.12 J	0.239	0.123	3.19	0.00 - 0.50
7-00002	70003	Tl-208	0.369	0.0146	0.0213	0.937	0.00 - 0.50
7-00002	70003	Tm-171	2.32 U	10.7	3.57	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00002	70003	U-233/234	0.696	0.0147	0.0799	2.02	0.00 - 0.50
7-00002	70003	U-235/236	0.0201	0.0182	0.0117	0.151	0.00 - 0.50
7-00002	70003	U-238	0.789	0.0428	0.0877	1.8	0.00 - 0.50
7-00002	70004	Ac-227	-0.0527 U	0.178	0.0566	0.217	1.00 - 2.75
7-00002	70004	Ac-228	1.22	0.103	0.0582	2.4	1.00 - 2.75
7-00002	70004	Am-241	0.0125 U	0.0309	0.0092	0.0454	1.00 - 2.75
7-00002	70004	Bi-212	0.909 J	0.22	0.228	2.15	1.00 - 2.75
7-00002	70004	Bi-214	0.9	0.0335	0.0456	1.59	1.00 - 2.75
7-00002	70004	Cd-113m	-20.6 U	117	36.5	3030	1.00 - 2.75
7-00002	70004	Cm-243/244	-0.0127 U	0.0389	0.0073	0.0443	1.00 - 2.75
7-00002	70004	Co-60	-0.0014 U	0.0196	0.0057	0.028	1.00 - 2.75
7-00002	70004	Cs-134	-0.003 U	0.0153	0.0054	0.0864	1.00 - 2.75
7-00002	70004	Cs-137	0.432	0.0199	0.0273	0.207	1.00 - 2.75
7-00002	70004	Eu-152	-0.0062 U	0.0453	0.0143	0.0566	1.00 - 2.75
7-00002	70004	Eu-154	-0.0497 U	0.109	0.0354	0.15	1.00 - 2.75
7-00002	70004	Eu-155	0.0591 SJ	0.0534	0.022	0.231	1.00 - 2.75
7-00002	70004	H-3	4.33	8.03	2.48	11.9	1.00 - 2.75
7-00002	70004	Ho-166m	0.011 U	0.0299	0.0089	0.0432	1.00 - 2.75
7-00002	70004	K-40	23.6	0.142	1.27	32.4	1.00 - 2.75
7-00002	70004	Na-22	-0.0041 U	0.0232	0.0069	0.037	1.00 - 2.75
7-00002	70004	Nb-94	0.0048 U	0.0164	0.0048	0.0214	1.00 - 2.75
7-00002	70004	Np-236	0.0113 U	0.0301	0.0091	0.047	1.00 - 2.75
7-00002	70004	Np-239	-0.0239 U	0.118	0.0365	0.139	1.00 - 2.75
7-00002	70004	Pa-231	-0.254 U	0.74	0.239	0.936	1.00 - 2.75
7-00002	70004	Pb-212	1.37	0.0298	0.0761	2.69	1.00 - 2.75
7-00002	70004	Pb-214	0.975	0.0341	0.0462	1.7	1.00 - 2.75
7-00002	70004	Pu-236	0.0026 U	0.0129	0.0032	7.79	1.00 - 2.75
7-00002	70004	Pu-238	-0.0014 U	0.0126	0.0024	0.0415	1.00 - 2.75
7-00002	70004	Pu-239/240	0.0085	0.0126	0.0047	0.0404	1.00 - 2.75
7-00002	70004	Pu-244	0.0031 U	0.0156	0.004	0.0313	1.00 - 2.75
7-00002	70004	Sb-125	-0.0117 U	0.0466	0.0142	0.354	1.00 - 2.75
7-00002	70004	Sn-126	0.0054 U	0.0184	0.0054	0.0237	1.00 - 2.75
7-00002	70004	Sr-90	-0.0282 U	0.112	0.0276	0.485	1.00 - 2.75
7-00002	70004	Th-228	1.06	0.0877	0.104	3.98	1.00 - 2.75
7-00002	70004	Th-229	0.0361	0.0163	0.0149	0.145	1.00 - 2.75
7-00002	70004	Th-230	0.839	0.0162	0.0858	2.2	1.00 - 2.75
7-00002	70004	Th-232	1.07	0.0162	0.101	3.1	1.00 - 2.75
7-00002	70004	Th-234	1.45	0.212	0.128	3.19	1.00 - 2.75

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00002	70004	Tl-208	0.434	0.0174	0.0264	0.937	1.00 - 2.75
7-00002	70004	Tm-171	1.47 U	6.52	2.23	72.4	1.00 - 2.75
7-00002	70004	U-233/234	0.831	0.0378	0.0937	2.02	1.00 - 2.75
7-00002	70004	U-235/236	0.044	0.0199	0.0183	0.151	1.00 - 2.75
7-00002	70004	U-238	0.88	0.0378	0.0977	1.8	1.00 - 2.75
7-00003	70005	Ac-227	-0.0275 U	0.164	0.0497	0.217	0.00 - 0.50
7-00003	70005	Ac-228	0.756	0.07	0.0393	2.4	0.00 - 0.50
7-00003	70005	Am-241	-0.0045 U	0.0401	0.0085	0.0454	0.00 - 0.50
7-00003	70005	Bi-212	0.545	0.0923	0.0479	2.15	0.00 - 0.50
7-00003	70005	Bi-214	0.485	0.0253	0.0261	1.59	0.00 - 0.50
7-00003	70005	Cd-113m	1.38 U	111	33.3	3030	0.00 - 0.50
7-00003	70005	Cm-243/244	-0.0135 U	0.0513	0.0108	0.0443	0.00 - 0.50
7-00003	70005	Co-60	0.0004 U	0.0129	0.0038	0.028	0.00 - 0.50
7-00003	70005	Cs-134	0.0018 U	0.0125	0.0042	0.0864	0.00 - 0.50
7-00003	70005	Cs-137	2.5	0.0126	0.135	0.207	0.00 - 0.50
7-00003	70005	Eu-152	-0.0131 UJ	0.0399	0.0153	0.0566	0.00 - 0.50
7-00003	70005	Eu-154	-0.0712 UJ	0.0674	0.0273	0.15	0.00 - 0.50
7-00003	70005	Eu-155	0.0415 JS	0.053	0.0167	0.231	0.00 - 0.50
7-00003	70005	H-3	3.29 U	7.27	2.2	11.9	0.00 - 0.50
7-00003	70005	Ho-166m	0.0046 U	0.0182	0.0053	0.0432	0.00 - 0.50
7-00003	70005	K-40	19.5	0.0858	1.13	32.4	0.00 - 0.50
7-00003	70005	Na-22	0.0018 U	0.0151	0.0045	0.037	0.00 - 0.50
7-00003	70005	Nb-94	0.0067 JS	0.0108	0.0034	0.0214	0.00 - 0.50
7-00003	70005	Np-236	-0.0036 U	0.0296	0.0087	0.047	0.00 - 0.50
7-00003	70005	Np-239	0.0333 U	0.111	0.0337	0.139	0.00 - 0.50
7-00003	70005	Pa-231	0.25 U	0.692	0.214	0.936	0.00 - 0.50
7-00003	70005	Pb-212	0.782	0.0281	0.0509	2.69	0.00 - 0.50
7-00003	70005	Pb-214	0.612	0.03	0.0326	1.7	0.00 - 0.50
7-00003	70005	Pu-236	0.0077 U	0.0379	0.0099	7.79	0.00 - 0.50
7-00003	70005	Pu-238	-0.0105 U	0.0442	0.0077	0.0415	0.00 - 0.50
7-00003	70005	Pu-239/240	0.0185	0.032	0.0108	0.0404	0.00 - 0.50
7-00003	70005	Pu-244	0.0011 U	0.0258	0.005	0.0313	0.00 - 0.50
7-00003	70005	Sb-125	-0.003 U	0.0435	0.0133	0.354	0.00 - 0.50
7-00003	70005	Sn-126	0.0044 U	0.012	0.0036	0.0237	0.00 - 0.50
7-00003	70005	Sr-90	0.252	0.406	0.128	0.485	0.00 - 0.50
7-00003	70005	Th-228	0.714	0.0699	0.0857	3.98	0.00 - 0.50
7-00003	70005	Th-229	0.0501	0.0194	0.0192	0.145	0.00 - 0.50
7-00003	70005	Th-230	0.578	0.0525	0.0734	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00003	70005	Th-232	0.975	0.0524	0.102	3.1	0.00 - 0.50
7-00003	70005	Th-234	1.03 J	0.232	0.12	3.19	0.00 - 0.50
7-00003	70005	Tl-208	0.242	0.0132	0.0156	0.937	0.00 - 0.50
7-00003	70005	Tm-171	0.633 U	9.15	3.18	72.4	0.00 - 0.50
7-00003	70005	U-233/234	1.23	0.0245	0.111	2.02	0.00 - 0.50
7-00003	70005	U-235/236	0.0904	0.0129	0.0217	0.151	0.00 - 0.50
7-00003	70005	U-238	0.776	0.0304	0.0778	1.8	0.00 - 0.50
7-00003	70006	Ac-227	-0.0716 U	0.188	0.059	0.217	1.00 - 3.25
7-00003	70006	Ac-228	1.05	0.0974	0.054	2.4	1.00 - 3.25
7-00003	70006	Am-241	0.001 UJ	0.0228	0.0044	0.0454	1.00 - 3.25
7-00003	70006	Bi-212	0.582 J	0.124	0.0846	2.15	1.00 - 3.25
7-00003	70006	Bi-214	0.798	0.0289	0.0401	1.59	1.00 - 3.25
7-00003	70006	Cd-113m	-54.4 U	122	42	3030	1.00 - 3.25
7-00003	70006	Cm-243/244	0.0072	0.0098	0.0051	0.0443	1.00 - 3.25
7-00003	70006	Co-60	0.0031 U	0.0163	0.0048	0.028	1.00 - 3.25
7-00003	70006	Cs-134	0.0002 U	0.014	0.0048	0.0864	1.00 - 3.25
7-00003	70006	Cs-137	0.0682	0.0169	0.0087	0.207	1.00 - 3.25
7-00003	70006	Eu-152	-0.0002 U	0.0456	0.0143	0.0566	1.00 - 3.25
7-00003	70006	Eu-154	-0.0438 U	0.0927	0.0297	0.15	1.00 - 3.25
7-00003	70006	Eu-155	0.0643 SJ	0.0653	0.0269	0.231	1.00 - 3.25
7-00003	70006	H-3	1.55 U	7.55	2.18	11.9	1.00 - 3.25
7-00003	70006	Ho-166m	-0.0056 U	0.025	0.0077	0.0432	1.00 - 3.25
7-00003	70006	K-40	19.3	0.124	1.21	32.4	1.00 - 3.25
7-00003	70006	Na-22	0.0012 U	0.0216	0.0064	0.037	1.00 - 3.25
7-00003	70006	Nb-94	0.0012 U	0.0147	0.0044	0.0214	1.00 - 3.25
7-00003	70006	Np-236	-0.0124 U	0.0348	0.0112	0.047	1.00 - 3.25
7-00003	70006	Np-239	-0.0341 U	0.125	0.0382	0.139	1.00 - 3.25
7-00003	70006	Pa-231	-0.277 U	0.777	0.253	0.936	1.00 - 3.25
7-00003	70006	Pb-212	1.2	0.0346	0.0783	2.69	1.00 - 3.25
7-00003	70006	Pb-214	0.812	0.0324	0.0425	1.7	1.00 - 3.25
7-00003	70006	Pu-236	0.0014 U	0.0199	0.0044	7.79	1.00 - 3.25
7-00003	70006	Pu-238	0.0032 U	0.0157	0.0039	0.0415	1.00 - 3.25
7-00003	70006	Pu-239/240	0.0077 U	0.0246	0.007	0.0404	1.00 - 3.25
7-00003	70006	Pu-244	0.0007 U	0.0156	0.003	0.0313	1.00 - 3.25
7-00003	70006	Sb-125	0.0143 U	0.0436	0.0135	0.354	1.00 - 3.25
7-00003	70006	Sn-126	-0.003 U	0.016	0.0049	0.0237	1.00 - 3.25
7-00003	70006	Sr-90	3.57	0.101	0.351	0.485	1.00 - 3.25
7-00003	70006	Th-228	2.04 J	0.106	0.186	3.98	1.00 - 3.25

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00003	70006	Th-229	0.0085 UJ	0.0792	0.0191	0.145	1.00 - 3.25
7-00003	70006	Th-230	1.52 J	0.0626	0.148	2.2	1.00 - 3.25
7-00003	70006	Th-232	1.81 J	0.023	0.167	3.1	1.00 - 3.25
7-00003	70006	Th-234	1.41 J	0.289	0.175	3.19	1.00 - 3.25
7-00003	70006	Tl-208	0.37	0.0158	0.0221	0.937	1.00 - 3.25
7-00003	70006	Tm-171	-8.48 U	15.4	5.65	72.4	1.00 - 3.25
7-00003	70006	U-233/234	1.05	0.0355	0.0957	2.02	1.00 - 3.25
7-00003	70006	U-235/236	0.0481	0.0119	0.0149	0.151	1.00 - 3.25
7-00003	70006	U-238	0.95	0.0386	0.0889	1.8	1.00 - 3.25
7-00004	70007	Ac-227	-0.0087 U	0.206	0.0609	0.217	0.00 - 0.50
7-00004	70007	Ac-228	1.15	0.0953	0.0549	2.4	0.00 - 0.50
7-00004	70007	Am-241	0.0019 UJ	0.026	0.0058	0.0454	0.00 - 0.50
7-00004	70007	Bi-212	0.745	0.126	0.0683	2.15	0.00 - 0.50
7-00004	70007	Bi-214	0.876	0.0329	0.0419	1.59	0.00 - 0.50
7-00004	70007	Cd-113m	-40.2 U	136	43	3030	0.00 - 0.50
7-00004	70007	Cm-243/244	-0.0077 UJ	0.0387	0.0075	0.0443	0.00 - 0.50
7-00004	70007	Co-60	0.0122 J	0.0187	0.0059	0.028	0.00 - 0.50
7-00004	70007	Cs-134	0.0079 U	0.0168	0.0058	0.0864	0.00 - 0.50
7-00004	70007	Cs-137	2.35	0.0191	0.126	0.207	0.00 - 0.50
7-00004	70007	Eu-152	0.0083 U	0.0524	0.0163	0.0566	0.00 - 0.50
7-00004	70007	Eu-154	-0.0293 U	0.0981	0.0297	0.15	0.00 - 0.50
7-00004	70007	Eu-155	0.0314 U	0.0679	0.0217	0.231	0.00 - 0.50
7-00004	70007	H-3	3.34 U	8.71	2.63	11.9	0.00 - 0.50
7-00004	70007	Ho-166m	0.001 U	0.0257	0.0075	0.0432	0.00 - 0.50
7-00004	70007	K-40	21.8	0.131	1.18	32.4	0.00 - 0.50
7-00004	70007	Na-22	-0.0025 U	0.0211	0.0063	0.037	0.00 - 0.50
7-00004	70007	Nb-94	0.0107 JS	0.0156	0.0051	0.0214	0.00 - 0.50
7-00004	70007	Np-236	-0.0142 U	0.0362	0.0116	0.047	0.00 - 0.50
7-00004	70007	Np-239	0.0213 U	0.137	0.0403	0.139	0.00 - 0.50
7-00004	70007	Pa-231	-0.304 UJ	0.842	0.263	0.936	0.00 - 0.50
7-00004	70007	Pb-212	1.27	0.0342	0.0736	2.69	0.00 - 0.50
7-00004	70007	Pb-214	0.905	0.0374	0.0447	1.7	0.00 - 0.50
7-00004	70007	Pu-236	-0.0026 U	0.02	0.0035	7.79	0.00 - 0.50
7-00004	70007	Pu-238	0.0049	0.0137	0.004	0.0415	0.00 - 0.50
7-00004	70007	Pu-239/240	0.0098	0.0169	0.0057	0.0404	0.00 - 0.50
7-00004	70007	Pu-244	0.0086	0.0058	0.0043	0.0313	0.00 - 0.50
7-00004	70007	Sb-125	0.011 U	0.0555	0.0169	0.354	0.00 - 0.50
7-00004	70007	Sn-126	0.002 U	0.0172	0.0051	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00004	70007	Sr-90	0.29	0.281	0.0979	0.485	0.00 - 0.50
7-00004	70007	Th-228	0.943	0.0953	0.11	3.98	0.00 - 0.50
7-00004	70007	Th-229	0.0919	0.0615	0.0306	0.145	0.00 - 0.50
7-00004	70007	Th-230	0.692	0.1	0.0899	2.2	0.00 - 0.50
7-00004	70007	Th-232	1.14	0.0225	0.119	3.1	0.00 - 0.50
7-00004	70007	Th-234	1.44	0.285	0.139	3.19	0.00 - 0.50
7-00004	70007	Tl-208	0.42	0.0176	0.0245	0.937	0.00 - 0.50
7-00004	70007	Tm-171	3.71 U	11.2	3.79	72.4	0.00 - 0.50
7-00004	70007	U-233/234	1.53	0.0532	0.164	2.02	0.00 - 0.50
7-00004	70007	U-235/236	0.0929	0.028	0.0318	0.151	0.00 - 0.50
7-00004	70007	U-238	1.02	0.0226	0.122	1.8	0.00 - 0.50
7-00005	70009	Ac-227	-0.021 U	0.195	0.0604	0.217	0.00 - 0.50
7-00005	70009	Ac-228	1.11	0.107	0.0543	2.4	0.00 - 0.50
7-00005	70009	Am-241	0.0046	0.0062	0.0033	0.0454	0.00 - 0.50
7-00005	70009	Bi-212	0.834 J	0.147	0.104	2.15	0.00 - 0.50
7-00005	70009	Bi-214	0.803	0.0365	0.0422	1.59	0.00 - 0.50
7-00005	70009	Cd-113m	33.8 U	131	40.9	3030	0.00 - 0.50
7-00005	70009	Cm-243/244	0.0092	0.0063	0.0046	0.0443	0.00 - 0.50
7-00005	70009	Co-60	0.0175 J	0.0225	0.0073	0.028	0.00 - 0.50
7-00005	70009	Cs-134	0.0058 U	0.0182	0.0063	0.0864	0.00 - 0.50
7-00005	70009	Cs-137	1.38	0.0206	0.075	0.207	0.00 - 0.50
7-00005	70009	Eu-152	-0.014 U	0.0497	0.0155	0.0566	0.00 - 0.50
7-00005	70009	Eu-154	-0.068 U	0.108	0.037	0.15	0.00 - 0.50
7-00005	70009	Eu-155	0.0909 JS	0.0545	0.0245	0.231	0.00 - 0.50
7-00005	70009	H-3	4.75	9.45	2.88	11.9	0.00 - 0.50
7-00005	70009	Ho-166m	-0.0019 U	0.0295	0.0085	0.0432	0.00 - 0.50
7-00005	70009	K-40	19.7	0.136	1.08	32.4	0.00 - 0.50
7-00005	70009	Na-22	-0.0081 U	0.024	0.0073	0.037	0.00 - 0.50
7-00005	70009	Nb-94	0.0008 U	0.0169	0.0049	0.0214	0.00 - 0.50
7-00005	70009	Np-236	-0.004 U	0.0302	0.009	0.047	0.00 - 0.50
7-00005	70009	Np-239	-0.0704 U	0.125	0.0423	0.139	0.00 - 0.50
7-00005	70009	Pa-231	-0.0598 U	0.809	0.252	0.936	0.00 - 0.50
7-00005	70009	Pb-212	1.24	0.0336	0.0702	2.69	0.00 - 0.50
7-00005	70009	Pb-214	0.831	0.0368	0.0408	1.7	0.00 - 0.50
7-00005	70009	Pu-238	0.0028	0.0075	0.0028	0.0415	0.00 - 0.50
7-00005	70009	Pu-239/240	0.0182	0.0219	0.0084	0.0404	0.00 - 0.50
7-00005	70009	Pu-244	-0.002 U	0.0177	0.0034	0.0313	0.00 - 0.50
7-00005	70009	Sb-125	0.0042 U	0.053	0.0156	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00005	70009	Sn-126	0.0064 U	0.0189	0.0055	0.0237	0.00 - 0.50
7-00005	70009	Sr-90	0.0517 U	0.183	0.0533	0.485	0.00 - 0.50
7-00005	70009	Th-228	1.31	0.105	0.128	3.98	0.00 - 0.50
7-00005	70009	Th-229	0.0485	0.0188	0.0186	0.145	0.00 - 0.50
7-00005	70009	Th-230	1.05	0.0187	0.105	2.2	0.00 - 0.50
7-00005	70009	Th-232	1.28	0.0641	0.121	3.1	0.00 - 0.50
7-00005	70009	Th-234	1.19	0.22	0.104	3.19	0.00 - 0.50
7-00005	70009	Tl-208	0.422	0.02	0.0252	0.937	0.00 - 0.50
7-00005	70009	Tm-171	-0.415 U	6.82	2.06	72.4	0.00 - 0.50
7-00005	70009	U-233/234	1.02	0.0575	0.104	2.02	0.00 - 0.50
7-00005	70009	U-235/236	0.0931	0.0388	0.0257	0.151	0.00 - 0.50
7-00005	70009	U-238	0.899	0.0389	0.0936	1.8	0.00 - 0.50
7-00005	70010	Ac-227	0.0484 U	0.202	0.0626	0.217	1.00 - 1.83
7-00005	70010	Ac-228	1.33	0.0938	0.0651	2.4	1.00 - 1.83
7-00005	70010	Am-241	0.0003 U	0.0225	0.0051	0.0454	1.00 - 1.83
7-00005	70010	Bi-212	0.959	0.134	0.0848	2.15	1.00 - 1.83
7-00005	70010	Bi-214	1.07	0.0291	0.0494	1.59	1.00 - 1.83
7-00005	70010	Cd-113m	3.07 U	135	43	3030	1.00 - 1.83
7-00005	70010	Cm-243/244	-0.003 U	0.0263	0.0056	0.0443	1.00 - 1.83
7-00005	70010	Co-60	-0.0032 U	0.0164	0.0049	0.028	1.00 - 1.83
7-00005	70010	Cs-134	0.0047 U	0.0156	0.0054	0.0864	1.00 - 1.83
7-00005	70010	Cs-137	0.112	0.0165	0.0107	0.207	1.00 - 1.83
7-00005	70010	Eu-152	-0.0401 U	0.0481	0.0201	0.0566	1.00 - 1.83
7-00005	70010	Eu-154	-0.0148 U	0.0916	0.0272	0.15	1.00 - 1.83
7-00005	70010	Eu-155	0.0807 JS	0.0745	0.0287	0.231	1.00 - 1.83
7-00005	70010	H-3	0.621 U	8.88	2.63	11.9	1.00 - 1.83
7-00005	70010	Ho-166m	-0.0043 U	0.0249	0.0076	0.0432	1.00 - 1.83
7-00005	70010	K-40	22.7	0.133	1.38	32.4	1.00 - 1.83
7-00005	70010	Na-22	0.0003 U	0.0202	0.0059	0.037	1.00 - 1.83
7-00005	70010	Nb-94	0.0024 U	0.0146	0.0044	0.0214	1.00 - 1.83
7-00005	70010	Np-236	-0.0052 U	0.0395	0.0128	0.047	1.00 - 1.83
7-00005	70010	Np-239	-0.0291 U	0.136	0.0425	0.139	1.00 - 1.83
7-00005	70010	Pa-231	-0.66 UJ	0.821	0.322	0.936	1.00 - 1.83
7-00005	70010	Pb-212	1.61	0.0376	0.0989	2.69	1.00 - 1.83
7-00005	70010	Pb-214	1.14	0.0342	0.054	1.7	1.00 - 1.83
7-00005	70010	Pu-238	0.0102	0.0191	0.0062	0.0415	1.00 - 1.83
7-00005	70010	Pu-239/240	-0.004 U	0.0212	0.0037	0.0404	1.00 - 1.83
7-00005	70010	Pu-244	0.0063	0.0057	0.0037	0.0313	1.00 - 1.83

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00005	70010	Sb-125	0.0125 U	0.0469	0.014	0.354	1.00 - 1.83
7-00005	70010	Sn-126	0.0048 U	0.0165	0.005	0.0237	1.00 - 1.83
7-00005	70010	Sr-90	1.69	0.177	0.199	0.485	1.00 - 1.83
7-00005	70010	Th-228	1.34	0.0799	0.135	3.98	1.00 - 1.83
7-00005	70010	Th-229	0.0326	0.0221	0.0164	0.145	1.00 - 1.83
7-00005	70010	Th-230	0.879	0.0877	0.102	2.2	1.00 - 1.83
7-00005	70010	Th-232	1.13	0.0598	0.118	3.1	1.00 - 1.83
7-00005	70010	Th-234	1.57 J	0.315	0.174	3.19	1.00 - 1.83
7-00005	70010	Tl-208	0.49	0.0173	0.0273	0.937	1.00 - 1.83
7-00005	70010	Tm-171	-8.21 U	16.3	5.85	72.4	1.00 - 1.83
7-00005	70010	U-233/234	0.892	0.0525	0.0909	2.02	1.00 - 1.83
7-00005	70010	U-235/236	0.0682	0.0354	0.021	0.151	1.00 - 1.83
7-00005	70010	U-238	1	0.0354	0.0988	1.8	1.00 - 1.83
7-00006	70011	Ac-227	0.0521 U	0.239	0.0709	0.217	0.00 - 0.50
7-00006	70011	Ac-228	1.18	0.139	0.0612	2.4	0.00 - 0.50
7-00006	70011	Am-241	0.0044	0.0059	0.0031	0.0454	0.00 - 0.50
7-00006	70011	Bi-212	0.92 J	0.183	0.0999	2.15	0.00 - 0.50
7-00006	70011	Bi-214	0.914	0.0411	0.0488	1.59	0.00 - 0.50
7-00006	70011	Cd-113m	40.4 U	159	47.5	3030	0.00 - 0.50
7-00006	70011	Cm-243/244	0.0004 U	0.0183	0.0039	0.0443	0.00 - 0.50
7-00006	70011	Co-60	0.0053 U	0.026	0.0074	0.028	0.00 - 0.50
7-00006	70011	Cs-134	0.0032 U	0.0208	0.0069	0.0864	0.00 - 0.50
7-00006	70011	Cs-137	0.24	0.0233	0.022	0.207	0.00 - 0.50
7-00006	70011	Eu-152	0.0129 U	0.062	0.021	0.0566	0.00 - 0.50
7-00006	70011	Eu-154	-0.0064 U	0.141	0.0423	0.15	0.00 - 0.50
7-00006	70011	Eu-155	0.107 JS	0.0754	0.0317	0.231	0.00 - 0.50
7-00006	70011	H-3	0.318 U	9.86	2.91	11.9	0.00 - 0.50
7-00006	70011	Ho-166m	0.0062 U	0.0375	0.0109	0.0432	0.00 - 0.50
7-00006	70011	K-40	20.5	0.182	1.18	32.4	0.00 - 0.50
7-00006	70011	Na-22	-0.0029 U	0.0294	0.01	0.037	0.00 - 0.50
7-00006	70011	Nb-94	0.0115 JS	0.0221	0.0068	0.0214	0.00 - 0.50
7-00006	70011	Np-236	-0.0181 U	0.041	0.0134	0.047	0.00 - 0.50
7-00006	70011	Np-239	0.0242 U	0.156	0.046	0.139	0.00 - 0.50
7-00006	70011	Pa-231	0.215 U	1	0.308	0.936	0.00 - 0.50
7-00006	70011	Pb-212	1.38	0.0406	0.0816	2.69	0.00 - 0.50
7-00006	70011	Pb-214	0.964	0.0425	0.0501	1.7	0.00 - 0.50
7-00006	70011	Pu-238	0.0015 U	0.0215	0.0048	0.0415	0.00 - 0.50
7-00006	70011	Pu-239/240	0.0065 U	0.0296	0.008	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00006	70011	Pu-244	0.0054	0.0074	0.0039	0.0313	0.00 - 0.50
7-00006	70011	Sb-125	-0.017 U	0.0601	0.0188	0.354	0.00 - 0.50
7-00006	70011	Sn-126	0.0031 U	0.0237	0.0069	0.0237	0.00 - 0.50
7-00006	70011	Sr-90	0.177	0.197	0.0656	0.485	0.00 - 0.50
7-00006	70011	Th-228	1.3	0.0711	0.127	3.98	0.00 - 0.50
7-00006	70011	Th-229	0.0072 U	0.0527	0.0124	0.145	0.00 - 0.50
7-00006	70011	Th-230	0.842	0.0525	0.0925	2.2	0.00 - 0.50
7-00006	70011	Th-232	1.21	0.0193	0.117	3.1	0.00 - 0.50
7-00006	70011	Th-234	1.36 J	0.325	0.162	3.19	0.00 - 0.50
7-00006	70011	Tl-208	0.464	0.0233	0.0291	0.937	0.00 - 0.50
7-00006	70011	Tm-171	-3.05 U	14.3	4.88	72.4	0.00 - 0.50
7-00006	70011	U-233/234	1	0.0133	0.101	2.02	0.00 - 0.50
7-00006	70011	U-235/236	0.0668	0.0164	0.0207	0.151	0.00 - 0.50
7-00006	70011	U-238	0.884	0.0133	0.092	1.8	0.00 - 0.50
7-00006	70012	Ac-227	-0.0336 U	0.172	0.0538	0.217	1.00 - 2.33
7-00006	70012	Ac-228	1.12	0.108	0.0556	2.4	1.00 - 2.33
7-00006	70012	Am-241	0.001 U	0.0264	0.0062	0.0454	1.00 - 2.33
7-00006	70012	Bi-212	0.944	0.145	0.0904	2.15	1.00 - 2.33
7-00006	70012	Bi-214	0.852	0.0314	0.0438	1.59	1.00 - 2.33
7-00006	70012	Cd-113m	-63.9 U	114	39.1	3030	1.00 - 2.33
7-00006	70012	Cm-243/244	0.0052 U	0.0245	0.0065	0.0443	1.00 - 2.33
7-00006	70012	Co-60	-0.0088 U	0.0202	0.0063	0.028	1.00 - 2.33
7-00006	70012	Cs-134	-0.0033 U	0.0157	0.0056	0.0864	1.00 - 2.33
7-00006	70012	Cs-137	-0.0062 U	0.0191	0.0061	0.207	1.00 - 2.33
7-00006	70012	Eu-152	0.0214 U	0.0449	0.0146	0.0566	1.00 - 2.33
7-00006	70012	Eu-154	-0.0532 U	0.112	0.0363	0.15	1.00 - 2.33
7-00006	70012	Eu-155	0.0625 JS	0.0509	0.0206	0.231	1.00 - 2.33
7-00006	70012	H-3	0.475 U	9.19	2.72	11.9	1.00 - 2.33
7-00006	70012	Ho-166m	-0.0064 U	0.0285	0.0085	0.0432	1.00 - 2.33
7-00006	70012	K-40	19.7	0.154	1.1	32.4	1.00 - 2.33
7-00006	70012	Na-22	-0.0056 U	0.0238	0.0071	0.037	1.00 - 2.33
7-00006	70012	Nb-94	0.0067 U	0.0172	0.0051	0.0214	1.00 - 2.33
7-00006	70012	Np-236	-0.0124 U	0.028	0.0089	0.047	1.00 - 2.33
7-00006	70012	Np-239	0.0027 U	0.115	0.0352	0.139	1.00 - 2.33
7-00006	70012	Pa-231	-0.0109 U	0.731	0.226	0.936	1.00 - 2.33
7-00006	70012	Pb-212	1.27	0.0304	0.0725	2.69	1.00 - 2.33
7-00006	70012	Pb-214	0.928	0.032	0.0446	1.7	1.00 - 2.33
7-00006	70012	Pu-238	0.0032 U	0.016	0.004	0.0415	1.00 - 2.33

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00006	70012	Pu-239/240	0.0107	0.016	0.0059	0.0404	1.00 - 2.33
7-00006	70012	Pu-244	0.01	0.0068	0.0051	0.0313	1.00 - 2.33
7-00006	70012	Sb-125	0.0028 U	0.045	0.0132	0.354	1.00 - 2.33
7-00006	70012	Sn-126	0.0044 U	0.0199	0.0058	0.0237	1.00 - 2.33
7-00006	70012	Sr-90	0.0918 U	0.183	0.0568	0.485	1.00 - 2.33
7-00006	70012	Th-228	1.3	0.0903	0.127	3.98	1.00 - 2.33
7-00006	70012	Th-229	0.0143 U	0.0525	0.0143	0.145	1.00 - 2.33
7-00006	70012	Th-230	0.79	0.0524	0.089	2.2	1.00 - 2.33
7-00006	70012	Th-232	1.12	0.0522	0.112	3.1	1.00 - 2.33
7-00006	70012	Th-234	1.26	0.211	0.115	3.19	1.00 - 2.33
7-00006	70012	Tl-208	0.403	0.0179	0.0248	0.937	1.00 - 2.33
7-00006	70012	Tm-171	4.7 J	6.6	2.35	72.4	1.00 - 2.33
7-00006	70012	U-233/234	0.766	0.0361	0.0813	2.02	1.00 - 2.33
7-00006	70012	U-235/236	0.0848	0.0153	0.0227	0.151	1.00 - 2.33
7-00006	70012	U-238	0.823	0.0414	0.0857	1.8	1.00 - 2.33
7-00007	70013	Ac-227	-0.0349 U	0.209	0.0635	0.217	0.00 - 0.50
7-00007	70013	Ac-228	0.974	0.0831	0.0517	2.4	0.00 - 0.50
7-00007	70013	Am-241	0.0098	0.0231	0.007	0.0454	0.00 - 0.50
7-00007	70013	Bi-212	0.722	0.109	0.0655	2.15	0.00 - 0.50
7-00007	70013	Bi-214	0.628	0.0301	0.0324	1.59	0.00 - 0.50
7-00007	70013	Cd-113m	-89.4 U	143	54.8	3030	0.00 - 0.50
7-00007	70013	Cm-243/244	0.0077	0.007	0.0045	0.0443	0.00 - 0.50
7-00007	70013	Co-60	-0.0003 U	0.0151	0.0044	0.028	0.00 - 0.50
7-00007	70013	Cs-134	0.0006 U	0.0149	0.0051	0.0864	0.00 - 0.50
7-00007	70013	Cs-137	2.84	0.0155	0.152	0.207	0.00 - 0.50
7-00007	70013	Eu-152	0.0255 U	0.0537	0.0242	0.0566	0.00 - 0.50
7-00007	70013	Eu-154	-0.0376 U	0.0847	0.0274	0.15	0.00 - 0.50
7-00007	70013	Eu-155	0.0212 U	0.0734	0.0232	0.231	0.00 - 0.50
7-00007	70013	Ho-166m	0.0035 U	0.0223	0.0066	0.0432	0.00 - 0.50
7-00007	70013	K-40	20.4	0.099	1.35	32.4	0.00 - 0.50
7-00007	70013	Na-22	-0.0033 U	0.0183	0.0054	0.037	0.00 - 0.50
7-00007	70013	Nb-94	0.0014 U	0.0126	0.0037	0.0214	0.00 - 0.50
7-00007	70013	Np-236	0.0233 SJ	0.0398	0.0129	0.047	0.00 - 0.50
7-00007	70013	Np-239	0.0889 J	0.143	0.0472	0.139	0.00 - 0.50
7-00007	70013	Pa-231	-0.378 U	0.883	0.31	0.936	0.00 - 0.50
7-00007	70013	Pb-212	1.12	0.0368	0.0763	2.69	0.00 - 0.50
7-00007	70013	Pb-214	0.753	0.0382	0.0415	1.7	0.00 - 0.50
7-00007	70013	Pu-236	-0.003 U	0.0341	0.0069	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00007	70013	Pu-238	0.0078 U	0.0356	0.0096	0.0415	0.00 - 0.50
7-00007	70013	Pu-239/240	0.0228	0.0088	0.0087	0.0404	0.00 - 0.50
7-00007	70013	Pu-244	-0.0024 U	0.0208	0.004	0.0313	0.00 - 0.50
7-00007	70013	Sb-125	0.0072 U	0.0555	0.0169	0.354	0.00 - 0.50
7-00007	70013	Sn-126	-0.0006 U	0.0143	0.0042	0.0237	0.00 - 0.50
7-00007	70013	Sr-90	0.305	0.242	0.0879	0.485	0.00 - 0.50
7-00007	70013	Th-228	1.11	0.119	0.135	3.98	0.00 - 0.50
7-00007	70013	Th-229	0.0208 UJ	0.0766	0.0208	0.145	0.00 - 0.50
7-00007	70013	Th-230	0.685	0.125	0.0996	2.2	0.00 - 0.50
7-00007	70013	Th-232	1.12	0.028	0.129	3.1	0.00 - 0.50
7-00007	70013	Th-234	1.44 J	0.31	0.162	3.19	0.00 - 0.50
7-00007	70013	Tl-208	0.341	0.0166	0.0203	0.937	0.00 - 0.50
7-00007	70013	Tm-171	-18.8 UJ	15.1	7.12	72.4	0.00 - 0.50
7-00007	70013	U-233/234	1.92	0.0376	0.169	2.02	0.00 - 0.50
7-00007	70013	U-235/236	0.114	0.0375	0.0279	0.151	0.00 - 0.50
7-00007	70013	U-238	1.13	0.0432	0.11	1.8	0.00 - 0.50
7-00007	70014	Ac-227	-0.0774 U	0.167	0.053	0.217	1.00 - 2.58
7-00007	70014	Ac-228	1.04	0.0888	0.0522	2.4	1.00 - 2.58
7-00007	70014	Am-241	0.0025 UJ	0.0272	0.0064	0.0454	1.00 - 2.58
7-00007	70014	Bi-212	0.675	0.115	0.0674	2.15	1.00 - 2.58
7-00007	70014	Bi-214	0.655	0.027	0.0337	1.59	1.00 - 2.58
7-00007	70014	Cd-113m	19 U	110	32.4	3030	1.00 - 2.58
7-00007	70014	Cm-243/244	0.0008 UJ	0.0191	0.0037	0.0443	1.00 - 2.58
7-00007	70014	Co-60	-0.0009 U	0.0161	0.0048	0.028	1.00 - 2.58
7-00007	70014	Cs-134	-0.0003 U	0.0129	0.0044	0.0864	1.00 - 2.58
7-00007	70014	Cs-137	0.407	0.0145	0.0237	0.207	1.00 - 2.58
7-00007	70014	Eu-152	-0.003 U	0.0413	0.0152	0.0566	1.00 - 2.58
7-00007	70014	Eu-154	-0.0403 U	0.0905	0.0287	0.15	1.00 - 2.58
7-00007	70014	Eu-155	0.0709 SJ	0.0561	0.0245	0.231	1.00 - 2.58
7-00007	70014	Ho-166m	-0.0013 U	0.0236	0.007	0.0432	1.00 - 2.58
7-00007	70014	K-40	21.1	0.123	1.31	32.4	1.00 - 2.58
7-00007	70014	Na-22	0.0049 U	0.0198	0.0059	0.037	1.00 - 2.58
7-00007	70014	Nb-94	-0.0016 U	0.0135	0.004	0.0214	1.00 - 2.58
7-00007	70014	Np-236	-0.0186 U	0.0308	0.0104	0.047	1.00 - 2.58
7-00007	70014	Np-239	0.019 U	0.109	0.032	0.139	1.00 - 2.58
7-00007	70014	Pa-231	-0.0793 U	0.691	0.206	0.936	1.00 - 2.58
7-00007	70014	Pb-212	1.09	0.0277	0.0663	2.69	1.00 - 2.58
7-00007	70014	Pb-214	0.745	0.0306	0.0383	1.7	1.00 - 2.58

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00007	70014	Pu-236	-0.0031 U	0.024	0.0042	7.79	1.00 - 2.58
7-00007	70014	Pu-238	-0.0049 U	0.0263	0.0046	0.0415	1.00 - 2.58
7-00007	70014	Pu-239/240	0.0007 U	0.0167	0.0032	0.0404	1.00 - 2.58
7-00007	70014	Pu-244	0.0026	0.0071	0.0026	0.0313	1.00 - 2.58
7-00007	70014	Sb-125	-0.0074 U	0.0399	0.0123	0.354	1.00 - 2.58
7-00007	70014	Sn-126	-0.0031 U	0.0154	0.0047	0.0237	1.00 - 2.58
7-00007	70014	Sr-90	0.308	0.262	0.0943	0.485	1.00 - 2.58
7-00007	70014	Th-228	1.1	0.118	0.116	3.98	1.00 - 2.58
7-00007	70014	Th-229	0.0293 U	0.0879	0.0254	0.145	1.00 - 2.58
7-00007	70014	Th-230	0.599	0.0786	0.0773	2.2	1.00 - 2.58
7-00007	70014	Th-232	1.08	0.0536	0.11	3.1	1.00 - 2.58
7-00007	70014	Th-234	1.26 J	0.249	0.134	3.19	1.00 - 2.58
7-00007	70014	Tl-208	0.335	0.0148	0.02	0.937	1.00 - 2.58
7-00007	70014	Tm-171	-2.54 U	12	4	72.4	1.00 - 2.58
7-00007	70014	U-233/234	0.743	0.0175	0.089	2.02	1.00 - 2.58
7-00007	70014	U-235/236	0.0364	0.063	0.0214	0.151	1.00 - 2.58
7-00007	70014	U-238	0.87	0.051	0.1	1.8	1.00 - 2.58
7-00008	70015	Ac-227	-0.0026 U	0.198	0.059	0.217	0.00 - 0.50
7-00008	70015	Ac-228	1.01	0.092	0.0534	2.4	0.00 - 0.50
7-00008	70015	Am-241	0.0141	0.0211	0.0078	0.0454	0.00 - 0.50
7-00008	70015	Bi-212	0.698 J	0.129	0.0757	2.15	0.00 - 0.50
7-00008	70015	Bi-214	0.712	0.0305	0.0365	1.59	0.00 - 0.50
7-00008	70015	Cd-113m	-60.5 U	129	42.8	3030	0.00 - 0.50
7-00008	70015	Cm-243/244	-0.0072 UJ	0.0301	0.0053	0.0443	0.00 - 0.50
7-00008	70015	Co-60	0.0049 U	0.0184	0.0054	0.028	0.00 - 0.50
7-00008	70015	Cs-134	0.0079 SJ	0.0155	0.0054	0.0864	0.00 - 0.50
7-00008	70015	Cs-137	0.968	0.0179	0.0539	0.207	0.00 - 0.50
7-00008	70015	Eu-152	0.0118 U	0.049	0.017	0.0566	0.00 - 0.50
7-00008	70015	Eu-154	-0.0105 U	0.0986	0.029	0.15	0.00 - 0.50
7-00008	70015	Eu-155	0.0738 SJ	0.0692	0.0229	0.231	0.00 - 0.50
7-00008	70015	Ho-166m	-0.0046 U	0.0254	0.0077	0.0432	0.00 - 0.50
7-00008	70015	K-40	20.6	0.122	1.29	32.4	0.00 - 0.50
7-00008	70015	Na-22	-0.0031 U	0.021	0.0063	0.037	0.00 - 0.50
7-00008	70015	Nb-94	-0.0102 UJ	0.0136	0.0049	0.0214	0.00 - 0.50
7-00008	70015	Np-236	-0.0264 UJ	0.0367	0.0131	0.047	0.00 - 0.50
7-00008	70015	Np-239	-0.0225 U	0.13	0.0392	0.139	0.00 - 0.50
7-00008	70015	Pa-231	-0.51 U	0.818	0.286	0.936	0.00 - 0.50
7-00008	70015	Pb-212	1.15	0.037	0.0754	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00008	70015	Pb-214	0.767	0.0359	0.0402	1.7	0.00 - 0.50
7-00008	70015	Pu-236	0.006 UJ	0.0467	0.0118	7.79	0.00 - 0.50
7-00008	70015	Pu-238	-0.0114 UJ	0.0538	0.011	0.0415	0.00 - 0.50
7-00008	70015	Pu-239/240	0.0053 UJ	0.0262	0.0065	0.0404	0.00 - 0.50
7-00008	70015	Pu-244	-0.003 UJ	0.0262	0.0051	0.0313	0.00 - 0.50
7-00008	70015	Sb-125	-0.0002 U	0.0492	0.0151	0.354	0.00 - 0.50
7-00008	70015	Sn-126	0.0006 U	0.0166	0.0049	0.0237	0.00 - 0.50
7-00008	70015	Sr-90	0.0152 U	0.255	0.0715	0.485	0.00 - 0.50
7-00008	70015	Th-228	1.11	0.0885	0.114	3.98	0.00 - 0.50
7-00008	70015	Th-229	0.0487	0.0646	0.0232	0.145	0.00 - 0.50
7-00008	70015	Th-230	0.7	0.0644	0.0823	2.2	0.00 - 0.50
7-00008	70015	Th-232	0.968	0.0509	0.1	3.1	0.00 - 0.50
7-00008	70015	Th-234	1.26 J	0.313	0.155	3.19	0.00 - 0.50
7-00008	70015	Tl-208	0.357	0.0165	0.0222	0.937	0.00 - 0.50
7-00008	70015	Tm-171	-6.58 U	16	5.68	72.4	0.00 - 0.50
7-00008	70015	U-233/234	1.02	0.0621	0.115	2.02	0.00 - 0.50
7-00008	70015	U-235/236	0.0871	0.054	0.0295	0.151	0.00 - 0.50
7-00008	70015	U-238	0.757	0.0747	0.0937	1.8	0.00 - 0.50
7-00008	70016	Ac-227	-0.0272 U	0.16	0.0484	0.217	1.00 - 2.83
7-00008	70016	Ac-228	1.02	0.0807	0.0496	2.4	1.00 - 2.83
7-00008	70016	Am-241	0.0007 U	0.0158	0.0031	0.0454	1.00 - 2.83
7-00008	70016	Bi-212	0.646 J	0.101	0.0687	2.15	1.00 - 2.83
7-00008	70016	Bi-214	0.722	0.0244	0.0351	1.59	1.00 - 2.83
7-00008	70016	Cd-113m	13.7 U	109	32.5	3030	1.00 - 2.83
7-00008	70016	Cm-243/244	-0.0036 U	0.0195	0.0035	0.0443	1.00 - 2.83
7-00008	70016	Co-60	0.0054 U	0.0146	0.0044	0.028	1.00 - 2.83
7-00008	70016	Cs-134	0.0007 U	0.0121	0.004	0.0864	1.00 - 2.83
7-00008	70016	Cs-137	0.359	0.0148	0.0215	0.207	1.00 - 2.83
7-00008	70016	Eu-152	-0.0146 U	0.0386	0.0139	0.0566	1.00 - 2.83
7-00008	70016	Eu-154	-0.0535 U	0.0797	0.0277	0.15	1.00 - 2.83
7-00008	70016	Eu-155	0.0555 SJ	0.0548	0.0221	0.231	1.00 - 2.83
7-00008	70016	Ho-166m	-0.0103 U	0.0209	0.0067	0.0432	1.00 - 2.83
7-00008	70016	K-40	22.1	0.105	1.26	32.4	1.00 - 2.83
7-00008	70016	Na-22	-0.0051 U	0.0171	0.0054	0.037	1.00 - 2.83
7-00008	70016	Nb-94	-0.0051 U	0.0121	0.0038	0.0214	1.00 - 2.83
7-00008	70016	Np-236	-0.0181 U	0.0303	0.0102	0.047	1.00 - 2.83
7-00008	70016	Np-239	0.0583 J	0.109	0.0348	0.139	1.00 - 2.83
7-00008	70016	Pa-231	0.022 U	0.663	0.198	0.936	1.00 - 2.83

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00008	70016	Pb-212	1.09	0.0268	0.069	2.69	1.00 - 2.83
7-00008	70016	Pb-214	0.787	0.0282	0.0395	1.7	1.00 - 2.83
7-00008	70016	Pu-236	-0.0042 U	0.037	0.0078	7.79	1.00 - 2.83
7-00008	70016	Pu-238	-0.0095 U	0.0388	0.0074	0.0415	1.00 - 2.83
7-00008	70016	Pu-239/240	-0.0036 U	0.0283	0.005	0.0404	1.00 - 2.83
7-00008	70016	Pu-244	0	0.0085	0.0031	0.0313	1.00 - 2.83
7-00008	70016	Sb-125	0.0023 U	0.0382	0.0115	0.354	1.00 - 2.83
7-00008	70016	Sn-126	-0.0043 U	0.0134	0.0041	0.0237	1.00 - 2.83
7-00008	70016	Sr-90	0.187	0.168	0.0619	0.485	1.00 - 2.83
7-00008	70016	Th-228	1.42	0.1	0.137	3.98	1.00 - 2.83
7-00008	70016	Th-229	0.03 U	0.0808	0.0238	0.145	1.00 - 2.83
7-00008	70016	Th-230	0.764	0.0551	0.089	2.2	1.00 - 2.83
7-00008	70016	Th-232	1.17	0.0202	0.117	3.1	1.00 - 2.83
7-00008	70016	Th-234	1.2 J	0.239	0.125	3.19	1.00 - 2.83
7-00008	70016	Tl-208	0.333	0.0131	0.0191	0.937	1.00 - 2.83
7-00008	70016	Tm-171	-7.78 U	9.69	3.91	72.4	1.00 - 2.83
7-00008	70016	U-233/234	0.801	0.0551	0.0855	2.02	1.00 - 2.83
7-00008	70016	U-235/236	0.0191	0.0371	0.0125	0.151	1.00 - 2.83
7-00008	70016	U-238	0.626	0.0427	0.0714	1.8	1.00 - 2.83
7-00009	70017	Ac-227	0.0367 U	0.179	0.0538	0.217	0.00 - 0.50
7-00009	70017	Ac-228	0.936	0.0733	0.0473	2.4	0.00 - 0.50
7-00009	70017	Am-241	0.0007 U	0.0156	0.003	0.0454	0.00 - 0.50
7-00009	70017	Bi-212	0.633	0.105	0.0575	2.15	0.00 - 0.50
7-00009	70017	Bi-214	0.596	0.026	0.0309	1.59	0.00 - 0.50
7-00009	70017	Cd-113m	-32.5 U	121	37.3	3030	0.00 - 0.50
7-00009	70017	Cm-243/244	0.0049	0.0067	0.0035	0.0443	0.00 - 0.50
7-00009	70017	Co-60	0.0097 J	0.0147	0.0048	0.028	0.00 - 0.50
7-00009	70017	Cs-134	0.0081 SJ	0.0137	0.0048	0.0864	0.00 - 0.50
7-00009	70017	Cs-137	2.66	0.0144	0.144	0.207	0.00 - 0.50
7-00009	70017	Eu-152	-0.0018 U	0.0458	0.0138	0.0566	0.00 - 0.50
7-00009	70017	Eu-154	-0.0173 U	0.0765	0.0233	0.15	0.00 - 0.50
7-00009	70017	Eu-155	0.0564 SJ	0.0609	0.023	0.231	0.00 - 0.50
7-00009	70017	Ho-166m	-0.0075 U	0.0194	0.006	0.0432	0.00 - 0.50
7-00009	70017	K-40	21	0.0927	1.22	32.4	0.00 - 0.50
7-00009	70017	Na-22	-0.0038 U	0.0161	0.005	0.037	0.00 - 0.50
7-00009	70017	Nb-94	0.0011 U	0.0117	0.0034	0.0214	0.00 - 0.50
7-00009	70017	Np-236	0.0037 U	0.0325	0.0095	0.047	0.00 - 0.50
7-00009	70017	Np-239	0.064 J	0.12	0.0384	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00009	70017	Pa-231	-0.229 U	0.733	0.228	0.936	0.00 - 0.50
7-00009	70017	Pb-212	1.02	0.0305	0.0657	2.69	0.00 - 0.50
7-00009	70017	Pb-214	0.648	0.0327	0.0354	1.7	0.00 - 0.50
7-00009	70017	Pu-236	0.0025 U	0.0269	0.0063	7.79	0.00 - 0.50
7-00009	70017	Pu-238	0.0011 U	0.0311	0.0073	0.0415	0.00 - 0.50
7-00009	70017	Pu-239/240	0.0044 U	0.0225	0.0057	0.0404	0.00 - 0.50
7-00009	70017	Pu-244	0.0029	0.0077	0.0029	0.0313	0.00 - 0.50
7-00009	70017	Sb-125	-0.01 U	0.0456	0.0142	0.354	0.00 - 0.50
7-00009	70017	Sn-126	0.0014 U	0.0128	0.0037	0.0237	0.00 - 0.50
7-00009	70017	Sr-90	0.491	0.364	0.134	0.485	0.00 - 0.50
7-00009	70017	Th-228	1.11	0.121	0.135	3.98	0.00 - 0.50
7-00009	70017	Th-229	-0.0106 UJ	0.114	0.0237	0.145	0.00 - 0.50
7-00009	70017	Th-230	0.612	0.0286	0.0894	2.2	0.00 - 0.50
7-00009	70017	Th-232	0.831	0.0774	0.109	3.1	0.00 - 0.50
7-00009	70017	Th-234	1.07 J	0.244	0.121	3.19	0.00 - 0.50
7-00009	70017	Tl-208	0.324	0.0149	0.0197	0.937	0.00 - 0.50
7-00009	70017	Tm-171	0.944 U	10.1	3.53	72.4	0.00 - 0.50
7-00009	70017	U-233/234	0.776	0.0341	0.0773	2.02	0.00 - 0.50
7-00009	70017	U-235/236	0.0804	0.0296	0.0208	0.151	0.00 - 0.50
7-00009	70017	U-238	0.856	0.0297	0.0831	1.8	0.00 - 0.50
7-00010	70019	Ac-227	0.175 J	0.309	0.0999	0.217	0.00 - 0.50
7-00010	70019	Ac-228	1.07	0.103	0.0562	2.4	0.00 - 0.50
7-00010	70019	Am-241	0.0063 U	0.0297	0.0079	0.0454	0.00 - 0.50
7-00010	70019	Bi-212	0.787	0.146	0.0787	2.15	0.00 - 0.50
7-00010	70019	Bi-214	0.743	0.0451	0.0398	1.59	0.00 - 0.50
7-00010	70019	Cd-113m	-46.1 U	202	61.3	3030	0.00 - 0.50
7-00010	70019	Cm-243/244	0.0038 U	0.019	0.0047	0.0443	0.00 - 0.50
7-00010	70019	Co-60	0.0011 U	0.0202	0.0059	0.028	0.00 - 0.50
7-00010	70019	Cs-134	0.0018 U	0.0223	0.0076	0.0864	0.00 - 0.50
7-00010	70019	Cs-137	9.21	0.0237	0.496	0.207	0.00 - 0.50
7-00010	70019	Eu-152	-0.0247 UJ	0.0823	0.0266	0.0566	0.00 - 0.50
7-00010	70019	Eu-154	-0.0335 U	0.107	0.0325	0.15	0.00 - 0.50
7-00010	70019	Eu-155	0.115 JS	0.0969	0.0397	0.231	0.00 - 0.50
7-00010	70019	Ho-166m	0.0113 U	0.0289	0.0087	0.0432	0.00 - 0.50
7-00010	70019	K-40	23.1	0.145	1.39	32.4	0.00 - 0.50
7-00010	70019	Na-22	0 U	0.0243	0.0072	0.037	0.00 - 0.50
7-00010	70019	Nb-94	0.0078 U	0.0163	0.005	0.0214	0.00 - 0.50
7-00010	70019	Np-236	-0.0079 U	0.0509	0.0157	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00010	70019	Np-239	-0.0278 U	0.198	0.0589	0.139	0.00 - 0.50
7-00010	70019	Pa-231	-0.119 U	1.3	0.388	0.936	0.00 - 0.50
7-00010	70019	Pb-212	1.15	0.0527	0.0789	2.69	0.00 - 0.50
7-00010	70019	Pb-214	0.775	0.0597	0.0474	1.7	0.00 - 0.50
7-00010	70019	Pu-236	0.0048 U	0.0244	0.0062	7.79	0.00 - 0.50
7-00010	70019	Pu-238	-0.001 U	0.0349	0.008	0.0415	0.00 - 0.50
7-00010	70019	Pu-239/240	0.0038 U	0.019	0.0048	0.0404	0.00 - 0.50
7-00010	70019	Pu-244	-0.0022 U	0.019	0.0037	0.0313	0.00 - 0.50
7-00010	70019	Sb-125	-0.0267 U	0.0902	0.0286	0.354	0.00 - 0.50
7-00010	70019	Sn-126	-0.0103 U	0.0172	0.0058	0.0237	0.00 - 0.50
7-00010	70019	Sr-90	1.19	0.142	0.145	0.485	0.00 - 0.50
7-00010	70019	Th-228	1.35	0.0202	0.128	3.98	0.00 - 0.50
7-00010	70019	Th-229	0.0212	0.0191	0.0123	0.145	0.00 - 0.50
7-00010	70019	Th-230	0.726	0.0191	0.0833	2.2	0.00 - 0.50
7-00010	70019	Th-232	1.18	0.019	0.115	3.1	0.00 - 0.50
7-00010	70019	Th-234	1.05 J	0.452	0.295	3.19	0.00 - 0.50
7-00010	70019	Tl-208	0.349	0.0248	0.0238	0.937	0.00 - 0.50
7-00010	70019	Tm-171	2.14 U	19.7	5.87	72.4	0.00 - 0.50
7-00010	70019	U-233/234	0.906	0.0278	0.0853	2.02	0.00 - 0.50
7-00010	70019	U-235/236	0.0305	0.0118	0.0117	0.151	0.00 - 0.50
7-00010	70019	U-238	0.768	0.0278	0.0752	1.8	0.00 - 0.50
7-00010	70020	Ac-227	-0.0314 U	0.157	0.0466	0.217	1.00 - 2.33
7-00010	70020	Ac-228	1.1	0.0745	0.0532	2.4	1.00 - 2.33
7-00010	70020	Am-241	0.0037 U	0.0189	0.0048	0.0454	1.00 - 2.33
7-00010	70020	Bi-212	0.677	0.0974	0.0555	2.15	1.00 - 2.33
7-00010	70020	Bi-214	0.747	0.0237	0.0367	1.59	1.00 - 2.33
7-00010	70020	Cd-113m	41.3 U	105	31.7	3030	1.00 - 2.33
7-00010	70020	Cm-243/244	0.0014 U	0.0189	0.0042	0.0443	1.00 - 2.33
7-00010	70020	Co-60	-0.0075 U	0.013	0.0044	0.028	1.00 - 2.33
7-00010	70020	Cs-134	0.0005 U	0.0116	0.004	0.0864	1.00 - 2.33
7-00010	70020	Cs-137	0.524	0.0136	0.0298	0.207	1.00 - 2.33
7-00010	70020	Eu-152	-0.0139 U	0.0376	0.0121	0.0566	1.00 - 2.33
7-00010	70020	Eu-154	-0.0289 U	0.0768	0.0241	0.15	1.00 - 2.33
7-00010	70020	Eu-155	0.0943 SJ	0.0533	0.0251	0.231	1.00 - 2.33
7-00010	70020	Ho-166m	0.0052 U	0.0204	0.0062	0.0432	1.00 - 2.33
7-00010	70020	K-40	20.4	0.0889	1.16	32.4	1.00 - 2.33
7-00010	70020	Na-22	0.0062 U	0.0159	0.0048	0.037	1.00 - 2.33
7-00010	70020	Nb-94	0.0061 SJ	0.0117	0.0037	0.0214	1.00 - 2.33

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00010	70020	Np-236	0.0051 U	0.0295	0.009	0.047	1.00 - 2.33
7-00010	70020	Np-239	0.0209 U	0.106	0.0333	0.139	1.00 - 2.33
7-00010	70020	Pa-231	-0.118 U	0.639	0.19	0.936	1.00 - 2.33
7-00010	70020	Pb-212	1.21	0.0261	0.0721	2.69	1.00 - 2.33
7-00010	70020	Pb-214	0.877	0.0271	0.0423	1.7	1.00 - 2.33
7-00010	70020	Pu-236	-0.0027 UJ	0.0236	0.0046	7.79	1.00 - 2.33
7-00010	70020	Pu-238	-0.0026 UJ	0.0232	0.0045	0.0415	1.00 - 2.33
7-00010	70020	Pu-239/240	0.0166	0.0287	0.0097	0.0404	1.00 - 2.33
7-00010	70020	Pu-244	0.0047 UJ	0.0232	0.0058	0.0313	1.00 - 2.33
7-00010	70020	Sb-125	0.0003 U	0.036	0.0107	0.354	1.00 - 2.33
7-00010	70020	Sn-126	-0.0056 U	0.0131	0.0043	0.0237	1.00 - 2.33
7-00010	70020	Sr-90	0.0606 U	0.159	0.0479	0.485	1.00 - 2.33
7-00010	70020	Th-228	1.1	0.185	0.136	3.98	1.00 - 2.33
7-00010	70020	Th-229	-0.0402 UJ	0.132	0.0246	0.145	1.00 - 2.33
7-00010	70020	Th-230	0.802	0.108	0.106	2.2	1.00 - 2.33
7-00010	70020	Th-232	1.11	0.0736	0.128	3.1	1.00 - 2.33
7-00010	70020	Th-234	1.26 J	0.228	0.136	3.19	1.00 - 2.33
7-00010	70020	Tl-208	0.381	0.0129	0.022	0.937	1.00 - 2.33
7-00010	70020	Tm-171	-5.89 U	9.68	3.55	72.4	1.00 - 2.33
7-00010	70020	U-233/234	0.755	0.0458	0.0871	2.02	1.00 - 2.33
7-00010	70020	U-235/236	0.0307	0.0457	0.017	0.151	1.00 - 2.33
7-00010	70020	U-238	0.773	0.037	0.0883	1.8	1.00 - 2.33
7-00011	70021	Ac-227	0.0153 U	0.201	0.0594	0.217	0.00 - 0.50
7-00011	70021	Ac-228	0.891	0.0977	0.0474	2.4	0.00 - 0.50
7-00011	70021	Am-241	-0.006 UJ	0.0322	0.0056	0.0454	0.00 - 0.50
7-00011	70021	Bi-212	0.631 J	0.125	0.0781	2.15	0.00 - 0.50
7-00011	70021	Bi-214	0.648	0.0326	0.0341	1.59	0.00 - 0.50
7-00011	70021	Cd-113m	4.15 U	134	40.9	3030	0.00 - 0.50
7-00011	70021	Cm-243/244	0.0065	0.0087	0.0046	0.0443	0.00 - 0.50
7-00011	70021	Co-60	-0.0003 UJ	0.0183	0.0054	0.028	0.00 - 0.50
7-00011	70021	Cs-134	-0.0005 U	0.0161	0.0054	0.0864	0.00 - 0.50
7-00011	70021	Cs-137	1.75	0.0177	0.0958	0.207	0.00 - 0.50
7-00011	70021	Eu-152	-0.0087 U	0.0498	0.0173	0.0566	0.00 - 0.50
7-00011	70021	Eu-154	-0.0518 U	0.0992	0.0321	0.15	0.00 - 0.50
7-00011	70021	Eu-155	0.0735 JS	0.0681	0.0225	0.231	0.00 - 0.50
7-00011	70021	Ho-166m	-0.0094 U	0.0251	0.0079	0.0432	0.00 - 0.50
7-00011	70021	K-40	21.6	0.122	1.3	32.4	0.00 - 0.50
7-00011	70021	Na-22	0.0052 U	0.022	0.0065	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00011	70021	Nb-94	0.0036 U	0.0147	0.0044	0.0214	0.00 - 0.50
7-00011	70021	Np-236	-0.0125 U	0.0357	0.0114	0.047	0.00 - 0.50
7-00011	70021	Np-239	-0.0107 U	0.132	0.039	0.139	0.00 - 0.50
7-00011	70021	Pa-231	-0.0551 U	0.84	0.259	0.936	0.00 - 0.50
7-00011	70021	Pb-212	1.01	0.0344	0.0687	2.69	0.00 - 0.50
7-00011	70021	Pb-214	0.714	0.0369	0.0401	1.7	0.00 - 0.50
7-00011	70021	Pu-236	-0.0016 U	0.0143	0.0028	7.79	0.00 - 0.50
7-00011	70021	Pu-238	0	0.0059	0.0022	0.0415	0.00 - 0.50
7-00011	70021	Pu-239/240	-0.001 U	0.0171	0.0031	0.0404	0.00 - 0.50
7-00011	70021	Pu-244	0.0071	0.0138	0.0046	0.0313	0.00 - 0.50
7-00011	70021	Sb-125	-0.0032 U	0.0532	0.0163	0.354	0.00 - 0.50
7-00011	70021	Sn-126	0.005 U	0.017	0.0051	0.0237	0.00 - 0.50
7-00011	70021	Sr-90	-0.064 U	0.228	0.0568	0.485	0.00 - 0.50
7-00011	70021	Th-228	1.33	0.0989	0.117	3.98	0.00 - 0.50
7-00011	70021	Th-229	0.0652	0.0147	0.0192	0.145	0.00 - 0.50
7-00011	70021	Th-230	0.688	0.0147	0.0722	2.2	0.00 - 0.50
7-00011	70021	Th-232	1.15	0.0146	0.101	3.1	0.00 - 0.50
7-00011	70021	Th-234	1.11 J	0.348	0.289	3.19	0.00 - 0.50
7-00011	70021	Tl-208	0.32	0.0174	0.0212	0.937	0.00 - 0.50
7-00011	70021	Tm-171	-3.65 U	14.5	4.44	72.4	0.00 - 0.50
7-00011	70021	U-233/234	0.861	0.0369	0.0952	2.02	0.00 - 0.50
7-00011	70021	U-235/236	0.0521	0.0456	0.0212	0.151	0.00 - 0.50
7-00011	70021	U-238	0.873	0.0157	0.096	1.8	0.00 - 0.50
7-00012	70023	Ac-227	0.0063 U	0.199	0.0591	0.217	0.00 - 0.50
7-00012	70023	Ac-228	0.959	0.097	0.0486	2.4	0.00 - 0.50
7-00012	70023	Am-241	0.0029 U	0.0143	0.0036	0.0454	0.00 - 0.50
7-00012	70023	Bi-212	0.741	0.129	0.069	2.15	0.00 - 0.50
7-00012	70023	Bi-214	0.706	0.0298	0.0356	1.59	0.00 - 0.50
7-00012	70023	Cd-113m	-30.3 U	131	39.9	3030	0.00 - 0.50
7-00012	70023	Cm-243/244	0.009	0.0061	0.0045	0.0443	0.00 - 0.50
7-00012	70023	Co-60	0.0041 U	0.0183	0.0053	0.028	0.00 - 0.50
7-00012	70023	Cs-134	-0.0013 U	0.0151	0.0052	0.0864	0.00 - 0.50
7-00012	70023	Cs-137	1.14	0.0174	0.0639	0.207	0.00 - 0.50
7-00012	70023	Eu-152	-0.002 U	0.0491	0.0161	0.0566	0.00 - 0.50
7-00012	70023	Eu-154	-0.0584 U	0.097	0.0326	0.15	0.00 - 0.50
7-00012	70023	Eu-155	0.0228 U	0.0682	0.0213	0.231	0.00 - 0.50
7-00012	70023	Ho-166m	-0.007 U	0.0243	0.0076	0.0432	0.00 - 0.50
7-00012	70023	K-40	23.1	0.119	1.45	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00012	70023	Na-22	0.002 U	0.0221	0.0066	0.037	0.00 - 0.50
7-00012	70023	Nb-94	0.0063 U	0.0148	0.0046	0.0214	0.00 - 0.50
7-00012	70023	Np-236	-0.0008 U	0.0361	0.0111	0.047	0.00 - 0.50
7-00012	70023	Np-239	-0.0381 U	0.128	0.0392	0.139	0.00 - 0.50
7-00012	70023	Pa-231	-0.2 U	0.811	0.249	0.936	0.00 - 0.50
7-00012	70023	Pb-212	1.12	0.0332	0.0687	2.69	0.00 - 0.50
7-00012	70023	Pb-214	0.779	0.0345	0.0401	1.7	0.00 - 0.50
7-00012	70023	Pu-236	-0.0004 U	0.0224	0.0047	7.79	0.00 - 0.50
7-00012	70023	Pu-238	0.0153	0.026	0.0085	0.0415	0.00 - 0.50
7-00012	70023	Pu-239/240	0.0061 U	0.0188	0.0054	0.0404	0.00 - 0.50
7-00012	70023	Pu-244	0	0.0065	0.0024	0.0313	0.00 - 0.50
7-00012	70023	Sb-125	0.0184 U	0.0494	0.0148	0.354	0.00 - 0.50
7-00012	70023	Sn-126	-0.0008 U	0.0159	0.0048	0.0237	0.00 - 0.50
7-00012	70023	Sr-90	0.392	0.277	0.105	0.485	0.00 - 0.50
7-00012	70023	Th-228	1.07	0.0192	0.106	3.98	0.00 - 0.50
7-00012	70023	Th-229	0.0068	0.0183	0.0068	0.145	0.00 - 0.50
7-00012	70023	Th-230	0.708	0.0183	0.0802	2.2	0.00 - 0.50
7-00012	70023	Th-232	0.915	0.0724	0.0958	3.1	0.00 - 0.50
7-00012	70023	Th-234	1.31 J	0.287	0.158	3.19	0.00 - 0.50
7-00012	70023	Tl-208	0.333	0.017	0.02	0.937	0.00 - 0.50
7-00012	70023	Tm-171	11.8 J	15.1	5.67	72.4	0.00 - 0.50
7-00012	70023	U-233/234	0.671	0.0325	0.0684	2.02	0.00 - 0.50
7-00012	70023	U-235/236	0.0399	0.012	0.0136	0.151	0.00 - 0.50
7-00012	70023	U-238	0.718	0.0228	0.0718	1.8	0.00 - 0.50
7-00013	70025	Ac-227	-0.0881 U	0.201	0.0642	0.217	0.00 - 0.50
7-00013	70025	Ac-228	1.05	0.0818	0.052	2.4	0.00 - 0.50
7-00013	70025	Am-241	0.0109	0.0154	0.0056	0.0454	0.00 - 0.50
7-00013	70025	Bi-212	0.861	0.109	0.0811	2.15	0.00 - 0.50
7-00013	70025	Bi-214	0.819	0.0296	0.0395	1.59	0.00 - 0.50
7-00013	70025	Cd-113m	-13.8 U	136	42.2	3030	0.00 - 0.50
7-00013	70025	Cm-243/244	0.0005 U	0.0125	0.0024	0.0443	0.00 - 0.50
7-00013	70025	Co-60	-0.0013 U	0.0154	0.0046	0.028	0.00 - 0.50
7-00013	70025	Cs-134	0.0001 U	0.0147	0.0049	0.0864	0.00 - 0.50
7-00013	70025	Cs-137	2.77	0.0168	0.148	0.207	0.00 - 0.50
7-00013	70025	Eu-152	-0.0083 U	0.0511	0.0169	0.0566	0.00 - 0.50
7-00013	70025	Eu-154	-0.0503 U	0.0863	0.0291	0.15	0.00 - 0.50
7-00013	70025	Eu-155	0.0772 JS	0.0668	0.0238	0.231	0.00 - 0.50
7-00013	70025	Ho-166m	0.0129 JS	0.0239	0.0074	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00013	70025	K-40	24	0.114	1.37	32.4	0.00 - 0.50
7-00013	70025	Na-22	-0.0025 U	0.0189	0.0067	0.037	0.00 - 0.50
7-00013	70025	Nb-94	0.0124 JS	0.0139	0.0048	0.0214	0.00 - 0.50
7-00013	70025	Np-236	0.0119 U	0.0367	0.011	0.047	0.00 - 0.50
7-00013	70025	Np-239	0.0658 U	0.134	0.0424	0.139	0.00 - 0.50
7-00013	70025	Pa-231	-0.353 U	0.828	0.265	0.936	0.00 - 0.50
7-00013	70025	Pb-212	1.19	0.0345	0.0755	2.69	0.00 - 0.50
7-00013	70025	Pb-214	0.908	0.0366	0.0466	1.7	0.00 - 0.50
7-00013	70025	Pu-236	-0.001 U	0.035	0.008	7.79	0.00 - 0.50
7-00013	70025	Pu-238	0.0028 U	0.036	0.009	0.0415	0.00 - 0.50
7-00013	70025	Pu-239/240	0.0198	0.0262	0.0095	0.0404	0.00 - 0.50
7-00013	70025	Pu-244	0.0058	0.0079	0.0041	0.0313	0.00 - 0.50
7-00013	70025	Sb-125	0.0176 U	0.0538	0.0167	0.354	0.00 - 0.50
7-00013	70025	Sn-126	0.0044 U	0.0154	0.0045	0.0237	0.00 - 0.50
7-00013	70025	Sr-90	0.498	0.215	0.097	0.485	0.00 - 0.50
7-00013	70025	Th-228	1.23	0.0677	0.119	3.98	0.00 - 0.50
7-00013	70025	Th-229	0.0348	0.0188	0.0157	0.145	0.00 - 0.50
7-00013	70025	Th-230	0.735	0.0188	0.083	2.2	0.00 - 0.50
7-00013	70025	Th-232	1.11	0.0509	0.109	3.1	0.00 - 0.50
7-00013	70025	Th-234	1.23 J	0.284	0.146	3.19	0.00 - 0.50
7-00013	70025	Tl-208	0.375	0.0163	0.0221	0.937	0.00 - 0.50
7-00013	70025	Tm-171	-0.308 U	11.5	4	72.4	0.00 - 0.50
7-00013	70025	U-233/234	0.76	0.0228	0.0747	2.02	0.00 - 0.50
7-00013	70025	U-235/236	0.041	0.0282	0.0146	0.151	0.00 - 0.50
7-00013	70025	U-238	0.855	0.0097	0.0816	1.8	0.00 - 0.50
7-00013	70026	Ac-227	-0.0662 U	0.162	0.0506	0.217	1.00 - 2.42
7-00013	70026	Ac-228	1.12	0.0829	0.0527	2.4	1.00 - 2.42
7-00013	70026	Am-241	0.0029 U	0.0142	0.0035	0.0454	1.00 - 2.42
7-00013	70026	Bi-212	0.726	0.112	0.0646	2.15	1.00 - 2.42
7-00013	70026	Bi-214	0.837	0.025	0.04	1.59	1.00 - 2.42
7-00013	70026	Cd-113m	14.1 U	110	32.2	3030	1.00 - 2.42
7-00013	70026	Cm-243/244	0.0057 U	0.0176	0.005	0.0443	1.00 - 2.42
7-00013	70026	Co-60	0.0048 U	0.0164	0.0047	0.028	1.00 - 2.42
7-00013	70026	Cs-134	-0.0055 U	0.0124	0.0046	0.0864	1.00 - 2.42
7-00013	70026	Cs-137	0.186	0.0151	0.0134	0.207	1.00 - 2.42
7-00013	70026	Eu-152	-0.0188 U	0.039	0.0126	0.0566	1.00 - 2.42
7-00013	70026	Eu-154	-0.0328 U	0.0882	0.0278	0.15	1.00 - 2.42
7-00013	70026	Eu-155	0.028 U	0.0572	0.0185	0.231	1.00 - 2.42

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00013	70026	Ho-166m	-0.0014 U	0.0224	0.0065	0.0432	1.00 - 2.42
7-00013	70026	K-40	24.5	0.108	1.38	32.4	1.00 - 2.42
7-00013	70026	Na-22	0.0023 U	0.0185	0.0055	0.037	1.00 - 2.42
7-00013	70026	Nb-94	-0.0011 U	0.013	0.0038	0.0214	1.00 - 2.42
7-00013	70026	Np-236	-0.004 U	0.0308	0.0095	0.047	1.00 - 2.42
7-00013	70026	Np-239	0.0293 U	0.111	0.033	0.139	1.00 - 2.42
7-00013	70026	Pa-231	0.15 U	0.684	0.218	0.936	1.00 - 2.42
7-00013	70026	Pb-212	1.24	0.028	0.0746	2.69	1.00 - 2.42
7-00013	70026	Pb-214	0.878	0.0285	0.0426	1.7	1.00 - 2.42
7-00013	70026	Pu-236	-0.0035 U	0.0275	0.0049	7.79	1.00 - 2.42
7-00013	70026	Pu-238	-0.0026 U	0.0299	0.006	0.0415	1.00 - 2.42
7-00013	70026	Pu-239/240	0.0038 U	0.019	0.0047	0.0404	1.00 - 2.42
7-00013	70026	Pu-244	0.006	0.0081	0.0042	0.0313	1.00 - 2.42
7-00013	70026	Sb-125	0.0054 U	0.0371	0.0111	0.354	1.00 - 2.42
7-00013	70026	Sn-126	-0.0029 U	0.0144	0.0043	0.0237	1.00 - 2.42
7-00013	70026	Sr-90	0.271	0.202	0.0772	0.485	1.00 - 2.42
7-00013	70026	Th-228	1.11	0.0869	0.113	3.98	1.00 - 2.42
7-00013	70026	Th-229	0.0492	0.019	0.0188	0.145	1.00 - 2.42
7-00013	70026	Th-230	0.722	0.0651	0.084	2.2	1.00 - 2.42
7-00013	70026	Th-232	1.14	0.0189	0.111	3.1	1.00 - 2.42
7-00013	70026	Th-234	1.26	0.234	0.123	3.19	1.00 - 2.42
7-00013	70026	Tl-208	0.375	0.0143	0.0215	0.937	1.00 - 2.42
7-00013	70026	Tm-171	3.9 U	9.27	3.21	72.4	1.00 - 2.42
7-00013	70026	U-233/234	0.679	0.0676	0.102	2.02	1.00 - 2.42
7-00013	70026	U-235/236	0.0787	0.0356	0.0328	0.151	1.00 - 2.42
7-00013	70026	U-238	0.775	0.0288	0.11	1.8	1.00 - 2.42
7-00014	70027	Ac-227	0.137 J	0.229	0.0758	0.217	0.00 - 0.50
7-00014	70027	Ac-228	1.07	0.0934	0.0548	2.4	0.00 - 0.50
7-00014	70027	Am-241	0.0052 U	0.0246	0.0065	0.0454	0.00 - 0.50
7-00014	70027	Bi-212	0.757	0.128	0.0748	2.15	0.00 - 0.50
7-00014	70027	Bi-214	0.862	0.0328	0.0416	1.59	0.00 - 0.50
7-00014	70027	Cd-113m	65.9 U	153	48.5	3030	0.00 - 0.50
7-00014	70027	Cm-243/244	0.0035 U	0.0269	0.0068	0.0443	0.00 - 0.50
7-00014	70027	Co-60	-0.0052 U	0.0175	0.0054	0.028	0.00 - 0.50
7-00014	70027	Cs-134	-0.001 U	0.0161	0.0055	0.0864	0.00 - 0.50
7-00014	70027	Cs-137	2.68 J	0.0184	0.143	0.207	0.00 - 0.50
7-00014	70027	Eu-152	-0.0023 U	0.0569	0.024	0.0566	0.00 - 0.50
7-00014	70027	Eu-154	-0.0254 U	0.0957	0.0299	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00014	70027	Eu-155	0.0836 JS	0.077	0.0261	0.231	0.00 - 0.50
7-00014	70027	Ho-166m	0.0037 U	0.0259	0.0077	0.0432	0.00 - 0.50
7-00014	70027	K-40	23.7	0.12	1.38	32.4	0.00 - 0.50
7-00014	70027	Na-22	-0.0091 U	0.02	0.0064	0.037	0.00 - 0.50
7-00014	70027	Nb-94	0.0041 U	0.0143	0.0102	0.0214	0.00 - 0.50
7-00014	70027	Np-236	0.0065 U	0.0419	0.0125	0.047	0.00 - 0.50
7-00014	70027	Np-239	-0.0204 U	0.148	0.0453	0.139	0.00 - 0.50
7-00014	70027	Pa-231	-0.189 U	0.929	0.289	0.936	0.00 - 0.50
7-00014	70027	Pb-212	1.26	0.0384	0.077	2.69	0.00 - 0.50
7-00014	70027	Pb-214	0.978	0.0406	0.0495	1.7	0.00 - 0.50
7-00014	70027	Pu-236	-0.0059 U	0.0248	0.0044	7.79	0.00 - 0.50
7-00014	70027	Pu-238	-0.0019 U	0.0168	0.0033	0.0415	0.00 - 0.50
7-00014	70027	Pu-239/240	0.0087	0.0168	0.0056	0.0404	0.00 - 0.50
7-00014	70027	Pu-244	0.0026	0.0072	0.0026	0.0313	0.00 - 0.50
7-00014	70027	Sb-125	0.0124 U	0.0591	0.0174	0.354	0.00 - 0.50
7-00014	70027	Sn-126	0.0093 J	0.0164	0.0058	0.0237	0.00 - 0.50
7-00014	70027	Sr-90	0.757	0.339	0.151	0.485	0.00 - 0.50
7-00014	70027	Th-228	0.906	0.144	0.102	3.98	0.00 - 0.50
7-00014	70027	Th-229	0.0257 U	0.0841	0.024	0.145	0.00 - 0.50
7-00014	70027	Th-230	0.653	0.0689	0.0766	2.2	0.00 - 0.50
7-00014	70027	Th-232	0.983	0.0173	0.0978	3.1	0.00 - 0.50
7-00014	70027	Th-234	1.3 J	0.316	0.156	3.19	0.00 - 0.50
7-00014	70027	Tl-208	0.373	0.0181	0.0226	0.937	0.00 - 0.50
7-00014	70027	Tm-171	-4.52 U	14.7	5.04	72.4	0.00 - 0.50
7-00014	70027	U-233/234	1.38	0.0188	0.143	2.02	0.00 - 0.50
7-00014	70027	U-235/236	0.0623	0.0545	0.0254	0.151	0.00 - 0.50
7-00014	70027	U-238	0.823	0.0626	0.0987	1.8	0.00 - 0.50
7-00014	70028	Ac-227	-0.0687 U	0.141	0.0449	0.217	1.00 - 1.75
7-00014	70028	Ac-228	1.02	0.0717	0.0488	2.4	1.00 - 1.75
7-00014	70028	Am-241	0.0191	0.021	0.0079	0.0454	1.00 - 1.75
7-00014	70028	Bi-212	0.621	0.0991	0.0529	2.15	1.00 - 1.75
7-00014	70028	Bi-214	0.82	0.0214	0.0393	1.59	1.00 - 1.75
7-00014	70028	Cd-113m	-23.3 U	93.6	32	3030	1.00 - 1.75
7-00014	70028	Cm-243/244	-0.0064 U	0.026	0.005	0.0443	1.00 - 1.75
7-00014	70028	Co-60	0.0052 UJ	0.0138	0.0041	0.028	1.00 - 1.75
7-00014	70028	Cs-134	0.0076 JS	0.0108	0.004	0.0864	1.00 - 1.75
7-00014	70028	Cs-137	0.0896	0.0123	0.0073	0.207	1.00 - 1.75
7-00014	70028	Eu-152	-0.0201 U	0.0341	0.0118	0.0566	1.00 - 1.75

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00014	70028	Eu-154	-0.0341 U	0.0721	0.0234	0.15	1.00 - 1.75
7-00014	70028	Eu-155	0.0232 U	0.0508	0.0163	0.231	1.00 - 1.75
7-00014	70028	Ho-166m	-0.0074 U	0.0185	0.0058	0.0432	1.00 - 1.75
7-00014	70028	K-40	20.4	0.0973	1.17	32.4	1.00 - 1.75
7-00014	70028	Na-22	0.0005 U	0.0158	0.0048	0.037	1.00 - 1.75
7-00014	70028	Nb-94	0.0099 JS	0.0114	0.0039	0.0214	1.00 - 1.75
7-00014	70028	Np-236	-0.0187 U	0.0269	0.0094	0.047	1.00 - 1.75
7-00014	70028	Np-239	-0.0315 U	0.0954	0.0291	0.139	1.00 - 1.75
7-00014	70028	Pa-231	-0.118 U	0.584	0.175	0.936	1.00 - 1.75
7-00014	70028	Pb-212	1.12	0.0239	0.0679	2.69	1.00 - 1.75
7-00014	70028	Pb-214	0.853	0.0255	0.042	1.7	1.00 - 1.75
7-00014	70028	Pu-236	0.0027 U	0.0292	0.0069	7.79	1.00 - 1.75
7-00014	70028	Pu-238	-0.0091 U	0.0317	0.0056	0.0415	1.00 - 1.75
7-00014	70028	Pu-239/240	0.004 U	0.0201	0.005	0.0404	1.00 - 1.75
7-00014	70028	Pu-244	0	0.0086	0.0032	0.0313	1.00 - 1.75
7-00014	70028	Sb-125	0.0113 U	0.0323	0.0099	0.354	1.00 - 1.75
7-00014	70028	Sn-126	0 U	0.0124	0.0036	0.0237	1.00 - 1.75
7-00014	70028	Sr-90	0.0002 U	0.293	0.0803	0.485	1.00 - 1.75
7-00014	70028	Th-228	1.29	0.095	0.113	3.98	1.00 - 1.75
7-00014	70028	Th-229	0.0106 U	0.0495	0.0131	0.145	1.00 - 1.75
7-00014	70028	Th-230	0.829	0.0391	0.0813	2.2	1.00 - 1.75
7-00014	70028	Th-232	1.29	0.039	0.11	3.1	1.00 - 1.75
7-00014	70028	Th-234	1.17	0.206	0.11	3.19	1.00 - 1.75
7-00014	70028	Tl-208	0.347	0.012	0.0199	0.937	1.00 - 1.75
7-00014	70028	Tm-171	3.37 U	8.01	2.78	72.4	1.00 - 1.75
7-00014	70028	U-233/234	0.717	0.0349	0.0821	2.02	1.00 - 1.75
7-00014	70028	U-235/236	0.0407	0.0184	0.0169	0.151	1.00 - 1.75
7-00014	70028	U-238	0.819	0.0349	0.0902	1.8	1.00 - 1.75
7-00015	70029	Ac-227	0.0428 U	0.212	0.0658	0.217	0.00 - 0.50
7-00015	70029	Ac-228	1.12	0.0787	0.0447	2.4	0.00 - 0.50
7-00015	70029	Am-241	-0.0029 U	0.016	0.0029	0.0454	0.00 - 0.50
7-00015	70029	Bi-212	0.799	0.113	0.0601	2.15	0.00 - 0.50
7-00015	70029	Bi-214	0.888	0.0315	0.0349	1.59	0.00 - 0.50
7-00015	70029	Cd-113m	-23.1 U	143	44.7	3030	0.00 - 0.50
7-00015	70029	Cm-243/244	0.0093	0.0161	0.0054	0.0443	0.00 - 0.50
7-00015	70029	Co-60	-0.0008 U	0.0146	0.0044	0.028	0.00 - 0.50
7-00015	70029	Cs-134	0.0064 U	0.0162	0.0057	0.0864	0.00 - 0.50
7-00015	70029	Cs-137	4.7	0.0167	0.157	0.207	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00015	70029	Eu-152	-0.0146 U	0.0548	0.017	0.0566	0.00 - 0.50
7-00015	70029	Eu-154	-0.0379 U	0.0792	0.0256	0.15	0.00 - 0.50
7-00015	70029	Eu-155	0.115 JS	0.0697	0.0282	0.231	0.00 - 0.50
7-00015	70029	Ho-166m	-0.0026 U	0.0226	0.0069	0.0432	0.00 - 0.50
7-00015	70029	K-40	19	0.114	0.663	32.4	0.00 - 0.50
7-00015	70029	Na-22	0.0031 U	0.0177	0.0061	0.037	0.00 - 0.50
7-00015	70029	Nb-94	0.005 U	0.0132	0.0041	0.0214	0.00 - 0.50
7-00015	70029	Np-236	-0.0242 U	0.0376	0.013	0.047	0.00 - 0.50
7-00015	70029	Np-239	0.0296 U	0.141	0.0435	0.139	0.00 - 0.50
7-00015	70029	Pa-231	0.427 U	0.906	0.294	0.936	0.00 - 0.50
7-00015	70029	Pb-212	1.26	0.037	0.0455	2.69	0.00 - 0.50
7-00015	70029	Pb-214	0.953	0.0393	0.0369	1.7	0.00 - 0.50
7-00015	70029	Pu-236	0.0058 U	0.0417	0.0111	7.79	0.00 - 0.50
7-00015	70029	Pu-238	0.0034 U	0.0355	0.0091	0.0415	0.00 - 0.50
7-00015	70029	Pu-239/240	0.0136	0.0074	0.0061	0.0404	0.00 - 0.50
7-00015	70029	Pu-244	0.0054	0.0074	0.0039	0.0313	0.00 - 0.50
7-00015	70029	Sb-125	-0.0221 U	0.0577	0.018	0.354	0.00 - 0.50
7-00015	70029	Sn-126	0.0017 U	0.0145	0.0044	0.0237	0.00 - 0.50
7-00015	70029	Sr-90	14.3	0.223	1.37	0.485	0.00 - 0.50
7-00015	70029	Th-228	1.33	0.0783	0.115	3.98	0.00 - 0.50
7-00015	70029	Th-229	0.0158 U	0.0491	0.014	0.145	0.00 - 0.50
7-00015	70029	Th-230	0.98	0.0388	0.0906	2.2	0.00 - 0.50
7-00015	70029	Th-232	1.33	0.0566	0.112	3.1	0.00 - 0.50
7-00015	70029	Th-234	1.26 J	0.297	0.139	3.19	0.00 - 0.50
7-00015	70029	Tl-208	0.4	0.0173	0.0178	0.937	0.00 - 0.50
7-00015	70029	Tm-171	-6.78 U	13.5	4.98	72.4	0.00 - 0.50
7-00015	70029	U-233/234	0.994	0.0288	0.0926	2.02	0.00 - 0.50
7-00015	70029	U-235/236	0.0736	0.0288	0.0196	0.151	0.00 - 0.50
7-00015	70029	U-238	0.985	0.0233	0.0918	1.8	0.00 - 0.50
7-00016	70031	Ac-227	0.0011 U	0.185	0.056	0.217	0.00 - 0.50
7-00016	70031	Ac-228	1.22	0.0863	0.0594	2.4	0.00 - 0.50
7-00016	70031	Am-241	0.002	0.0054	0.002	0.0454	0.00 - 0.50
7-00016	70031	Bi-212	0.884	0.119	0.0752	2.15	0.00 - 0.50
7-00016	70031	Bi-214	0.97	0.0283	0.0457	1.59	0.00 - 0.50
7-00016	70031	Cd-113m	-7.42 U	126	39.6	3030	0.00 - 0.50
7-00016	70031	Cm-243/244	0.006	0.0054	0.0035	0.0443	0.00 - 0.50
7-00016	70031	Co-60	-0.0047 U	0.0157	0.0049	0.028	0.00 - 0.50
7-00016	70031	Cs-134	0.0005 U	0.0142	0.0049	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00016	70031	Cs-137	1.08	0.0165	0.0584	0.207	0.00 - 0.50
7-00016	70031	Eu-152	-0.0119 U	0.0461	0.0158	0.0566	0.00 - 0.50
7-00016	70031	Eu-154	-0.0197 U	0.0851	0.0256	0.15	0.00 - 0.50
7-00016	70031	Eu-155	0.086 JS	0.0647	0.025	0.231	0.00 - 0.50
7-00016	70031	Ho-166m	0.0087 U	0.0247	0.0076	0.0432	0.00 - 0.50
7-00016	70031	K-40	20.9	0.118	1.25	32.4	0.00 - 0.50
7-00016	70031	Na-22	0.0042 U	0.0195	0.0067	0.037	0.00 - 0.50
7-00016	70031	Nb-94	0.0034 U	0.0138	0.0042	0.0214	0.00 - 0.50
7-00016	70031	Np-236	-0.0055 U	0.0352	0.0105	0.047	0.00 - 0.50
7-00016	70031	Np-239	-0.0524 U	0.125	0.0401	0.139	0.00 - 0.50
7-00016	70031	Pa-231	-0.269 U	0.77	0.246	0.936	0.00 - 0.50
7-00016	70031	Pb-212	1.36	0.0317	0.0835	2.69	0.00 - 0.50
7-00016	70031	Pb-214	1.1	0.0335	0.0546	1.7	0.00 - 0.50
7-00016	70031	Pu-236	0.0008 U	0.0187	0.0036	7.79	0.00 - 0.50
7-00016	70031	Pu-238	0.0011 U	0.031	0.0073	0.0415	0.00 - 0.50
7-00016	70031	Pu-239/240	-0.0053 U	0.0285	0.005	0.0404	0.00 - 0.50
7-00016	70031	Pu-244	0.0028	0.0077	0.0028	0.0313	0.00 - 0.50
7-00016	70031	Sb-125	0.0034 U	0.0449	0.0132	0.354	0.00 - 0.50
7-00016	70031	Sn-126	-0.0031 U	0.0157	0.0048	0.0237	0.00 - 0.50
7-00016	70031	Sr-90	0.444	0.154	0.0813	0.485	0.00 - 0.50
7-00016	70031	Th-228	1.51	0.0191	0.134	3.98	0.00 - 0.50
7-00016	70031	Th-229	0.0201	0.0182	0.0117	0.145	0.00 - 0.50
7-00016	70031	Th-230	0.971	0.0182	0.0976	2.2	0.00 - 0.50
7-00016	70031	Th-232	1.25	0.0181	0.116	3.1	0.00 - 0.50
7-00016	70031	Th-234	1.39	0.26	0.129	3.19	0.00 - 0.50
7-00016	70031	Tl-208	0.422	0.0156	0.0243	0.937	0.00 - 0.50
7-00016	70031	Tm-171	-4.93 U	10.8	3.98	72.4	0.00 - 0.50
7-00016	70031	U-233/234	0.859	0.0223	0.0817	2.02	0.00 - 0.50
7-00016	70031	U-235/236	0.0704	0.0276	0.0188	0.151	0.00 - 0.50
7-00016	70031	U-238	1.01	0.0223	0.0929	1.8	0.00 - 0.50
7-00016	70032	Ac-227	-0.0029 U	0.243	0.0752	0.217	1.00 - 5.00
7-00016	70032	Ac-228	1.29	0.104	0.0633	2.4	1.00 - 5.00
7-00016	70032	Am-241	0.0003 U	0.0232	0.0052	0.0454	1.00 - 5.00
7-00016	70032	Bi-212	0.808	0.14	0.0767	2.15	1.00 - 5.00
7-00016	70032	Bi-214	1.11	0.0341	0.0523	1.59	1.00 - 5.00
7-00016	70032	Cd-113m	-85.2 U	160	56.2	3030	1.00 - 5.00
7-00016	70032	Cm-243/244	0.007	0.0063	0.004	0.0443	1.00 - 5.00
7-00016	70032	Co-60	-0.0065 U	0.0181	0.0057	0.028	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00016	70032	Cs-134	0.0019 U	0.0173	0.0058	0.0864	1.00 - 5.00
7-00016	70032	Cs-137	1.71	0.021	0.0935	0.207	1.00 - 5.00
7-00016	70032	Eu-152	0.0028 U	0.0589	0.0201	0.0566	1.00 - 5.00
7-00016	70032	Eu-154	-0.007 U	0.105	0.0316	0.15	1.00 - 5.00
7-00016	70032	Eu-155	0.0898 JS	0.0834	0.0332	0.231	1.00 - 5.00
7-00016	70032	Ho-166m	0.0015 U	0.0284	0.0083	0.0432	1.00 - 5.00
7-00016	70032	K-40	19.7	0.136	1.23	32.4	1.00 - 5.00
7-00016	70032	Na-22	-0.0047 U	0.0219	0.0066	0.037	1.00 - 5.00
7-00016	70032	Nb-94	0.0068 U	0.0167	0.0051	0.0214	1.00 - 5.00
7-00016	70032	Np-236	0.022 U	0.0472	0.0167	0.047	1.00 - 5.00
7-00016	70032	Np-239	0.0655 U	0.163	0.052	0.139	1.00 - 5.00
7-00016	70032	Pa-231	-0.568 U	1	0.345	0.936	1.00 - 5.00
7-00016	70032	Pb-212	1.44	0.0406	0.0957	2.69	1.00 - 5.00
7-00016	70032	Pb-214	1.24	0.0424	0.0629	1.7	1.00 - 5.00
7-00016	70032	Pu-236	0.0036 U	0.0181	0.0045	7.79	1.00 - 5.00
7-00016	70032	Pu-238	0.0067 U	0.0303	0.0082	0.0415	1.00 - 5.00
7-00016	70032	Pu-239/240	0.0059 U	0.0279	0.0074	0.0404	1.00 - 5.00
7-00016	70032	Pu-244	0	0.0075	0.0028	0.0313	1.00 - 5.00
7-00016	70032	Sb-125	-0.0184 U	0.0583	0.0182	0.354	1.00 - 5.00
7-00016	70032	Sn-126	-0.0057 U	0.0181	0.0056	0.0237	1.00 - 5.00
7-00016	70032	Sr-90	2.22 J	0.281	0.261	0.485	1.00 - 5.00
7-00016	70032	Th-228	1.28	0.0567	0.125	3.98	1.00 - 5.00
7-00016	70032	Th-229	0.0223 U	0.0801	0.0224	0.145	1.00 - 5.00
7-00016	70032	Th-230	0.905	0.0546	0.0987	2.2	1.00 - 5.00
7-00016	70032	Th-232	1.25	0.0545	0.122	3.1	1.00 - 5.00
7-00016	70032	Th-234	1.28 J	0.457	0.345	3.19	1.00 - 5.00
7-00016	70032	Tl-208	0.435	0.0193	0.0255	0.937	1.00 - 5.00
7-00016	70032	Tm-171	-15.9 UJ	21.9	7.53	72.4	1.00 - 5.00
7-00016	70032	U-233/234	1.18	0.0254	0.108	2.02	1.00 - 5.00
7-00016	70032	U-235/236	0.0618	0.0388	0.0196	0.151	1.00 - 5.00
7-00016	70032	U-238	1.15	0.0108	0.106	1.8	1.00 - 5.00
7-00017	70033	Ac-227	0.0327 U	0.275	0.0828	0.217	0.00 - 0.50
7-00017	70033	Ac-228	1.09	0.0905	0.0577	2.4	0.00 - 0.50
7-00017	70033	Am-241	0.0026 U	0.0129	0.0032	0.0454	0.00 - 0.50
7-00017	70033	Bi-212	0.761	0.128	0.0692	2.15	0.00 - 0.50
7-00017	70033	Bi-214	0.778	0.0371	0.0394	1.59	0.00 - 0.50
7-00017	70033	Cd-113m	-7.02 U	187	59.7	3030	0.00 - 0.50
7-00017	70033	Cm-243/244	0.0122	0.0055	0.005	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00017	70033	Co-60	0.0169 J	0.0193	0.0097	0.028	0.00 - 0.50
7-00017	70033	Cs-134	0.0053 U	0.0183	0.0063	0.0864	0.00 - 0.50
7-00017	70033	Cs-137	6.21	0.0191	0.325	0.207	0.00 - 0.50
7-00017	70033	Eu-152	0.0226 U	0.0692	0.026	0.0566	0.00 - 0.50
7-00017	70033	Eu-154	0.0812 J	0.101	0.0382	0.15	0.00 - 0.50
7-00017	70033	Eu-155	0.0177 U	0.0925	0.0289	0.231	0.00 - 0.50
7-00017	70033	Ho-166m	0.0052 U	0.0252	0.0074	0.0432	0.00 - 0.50
7-00017	70033	K-40	23.4	0.113	1.53	32.4	0.00 - 0.50
7-00017	70033	Na-22	-0.0126 U	0.0201	0.0068	0.037	0.00 - 0.50
7-00017	70033	Nb-94	0.006 U	0.015	0.0046	0.0214	0.00 - 0.50
7-00017	70033	Np-236	-0.005 U	0.0507	0.015	0.047	0.00 - 0.50
7-00017	70033	Np-239	-0.03 U	0.182	0.0551	0.139	0.00 - 0.50
7-00017	70033	Pa-231	-0.0563 U	1.16	0.405	0.936	0.00 - 0.50
7-00017	70033	Pb-212	1.23	0.047	0.083	2.69	0.00 - 0.50
7-00017	70033	Pb-214	0.845	0.0501	0.0469	1.7	0.00 - 0.50
7-00017	70033	Pu-236	0.0031 U	0.0152	0.0038	7.79	0.00 - 0.50
7-00017	70033	Pu-238	-0.001 U	0.0181	0.0033	0.0415	0.00 - 0.50
7-00017	70033	Pu-239/240	0.0173	0.0181	0.0073	0.0404	0.00 - 0.50
7-00017	70033	Pu-244	0.0052	0.0146	0.0043	0.0313	0.00 - 0.50
7-00017	70033	Sb-125	0.0114 U	0.0741	0.0227	0.354	0.00 - 0.50
7-00017	70033	Sn-126	-0.0111 UJ	0.016	0.0055	0.0237	0.00 - 0.50
7-00017	70033	Sr-90	0.0149 U	0.167	0.0463	0.485	0.00 - 0.50
7-00017	70033	Th-228	0.91	0.0959	0.1	3.98	0.00 - 0.50
7-00017	70033	Th-229	0.0622	0.0642	0.0252	0.145	0.00 - 0.50
7-00017	70033	Th-230	0.641	0.0507	0.0769	2.2	0.00 - 0.50
7-00017	70033	Th-232	0.927	0.0186	0.0965	3.1	0.00 - 0.50
7-00017	70033	Th-234	2.55	0.387	0.246	3.19	0.00 - 0.50
7-00017	70033	Tl-208	0.382	0.0206	0.0235	0.937	0.00 - 0.50
7-00017	70033	Tm-171	-9.88 U	18.7	7.08	72.4	0.00 - 0.50
7-00017	70033	U-233/234	3.08	0.0348	0.261	2.02	0.00 - 0.50
7-00017	70033	U-235/236	0.196	0.0183	0.0391	0.151	0.00 - 0.50
7-00017	70033	U-238	2.65	0.0148	0.229	1.8	0.00 - 0.50
7-00017	70034	Ac-227	0.0319 U	0.158	0.0466	0.217	1.00 - 2.00
7-00017	70034	Ac-228	1.02	0.0762	0.0486	2.4	1.00 - 2.00
7-00017	70034	Am-241	0.0066 UJ	0.0339	0.0086	0.0454	1.00 - 2.00
7-00017	70034	Bi-212	0.705	0.105	0.0624	2.15	1.00 - 2.00
7-00017	70034	Bi-214	0.681	0.0241	0.0332	1.59	1.00 - 2.00
7-00017	70034	Cd-113m	65.3 J	107	34.4	3030	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00017	70034	Cm-243/244	0.0066 UJ	0.034	0.0086	0.0443	1.00 - 2.00
7-00017	70034	Co-60	0.01 J	0.0152	0.0048	0.028	1.00 - 2.00
7-00017	70034	Cs-134	0.0054 U	0.0118	0.0042	0.0864	1.00 - 2.00
7-00017	70034	Cs-137	0.389	0.0128	0.022	0.207	1.00 - 2.00
7-00017	70034	Eu-152	-0.0022 U	0.0376	0.0127	0.0566	1.00 - 2.00
7-00017	70034	Eu-154	-0.0456 U	0.0816	0.0273	0.15	1.00 - 2.00
7-00017	70034	Eu-155	0.0278 JS	0.0527	0.0199	0.231	1.00 - 2.00
7-00017	70034	Ho-166m	-0.0066 U	0.0214	0.0065	0.0432	1.00 - 2.00
7-00017	70034	K-40	24.3	0.109	1.36	32.4	1.00 - 2.00
7-00017	70034	Na-22	-0.0007 U	0.0169	0.0051	0.037	1.00 - 2.00
7-00017	70034	Nb-94	-0.0084 UJ	0.0119	0.0041	0.0214	1.00 - 2.00
7-00017	70034	Np-236	-0.004 U	0.0292	0.009	0.047	1.00 - 2.00
7-00017	70034	Np-239	-0.0195 U	0.105	0.031	0.139	1.00 - 2.00
7-00017	70034	Pa-231	-0.494 UJ	0.636	0.225	0.936	1.00 - 2.00
7-00017	70034	Pb-212	1.16	0.0261	0.0696	2.69	1.00 - 2.00
7-00017	70034	Pb-214	0.77	0.0275	0.0383	1.7	1.00 - 2.00
7-00017	70034	Pu-236	0.0006 U	0.0133	0.0026	7.79	1.00 - 2.00
7-00017	70034	Pu-238	0	0.0056	0.0021	0.0415	1.00 - 2.00
7-00017	70034	Pu-239/240	0.0053 U	0.0162	0.0046	0.0404	1.00 - 2.00
7-00017	70034	Pu-244	0.0082	0.0056	0.0041	0.0313	1.00 - 2.00
7-00017	70034	Sb-125	0.0035 U	0.0364	0.0109	0.354	1.00 - 2.00
7-00017	70034	Sn-126	-0.0058 U	0.0134	0.0042	0.0237	1.00 - 2.00
7-00017	70034	Sr-90	0.219	0.221	0.0758	0.485	1.00 - 2.00
7-00017	70034	Th-228	1.16	0.0858	0.116	3.98	1.00 - 2.00
7-00017	70034	Th-229	0.0279	0.0189	0.0141	0.145	1.00 - 2.00
7-00017	70034	Th-230	0.627	0.0189	0.0758	2.2	1.00 - 2.00
7-00017	70034	Th-232	0.993	0.0188	0.102	3.1	1.00 - 2.00
7-00017	70034	Th-234	1.36	0.219	0.124	3.19	1.00 - 2.00
7-00017	70034	Tl-208	0.357	0.0128	0.0207	0.937	1.00 - 2.00
7-00017	70034	Tm-171	-3.85 U	8.62	3.06	72.4	1.00 - 2.00
7-00017	70034	U-233/234	0.777	0.0437	0.0874	2.02	1.00 - 2.00
7-00017	70034	U-235/236	0.0617	0.0186	0.0211	0.151	1.00 - 2.00
7-00017	70034	U-238	0.876	0.015	0.0949	1.8	1.00 - 2.00
7-00018	70035	Ac-227	0.0173 U	0.195	0.0589	0.217	0.00 - 0.50
7-00018	70035	Ac-228	1.08	0.0981	0.0533	2.4	0.00 - 0.50
7-00018	70035	Am-241	0.0163	0.0339	0.0105	0.0454	0.00 - 0.50
7-00018	70035	Bi-212	0.725 J	0.132	0.0762	2.15	0.00 - 0.50
7-00018	70035	Bi-214	0.726	0.0316	0.0364	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00018	70035	Cd-113m	-8.18 U	131	45.4	3030	0.00 - 0.50
7-00018	70035	Cm-243/244	0.0168	0.0276	0.0092	0.0443	0.00 - 0.50
7-00018	70035	Co-60	0.006 U	0.0184	0.0054	0.028	0.00 - 0.50
7-00018	70035	Cs-134	0.0042 U	0.0163	0.0055	0.0864	0.00 - 0.50
7-00018	70035	Cs-137	0.611 J	0.0184	0.0353	0.207	0.00 - 0.50
7-00018	70035	Eu-152	-0.0123 U	0.0481	0.0157	0.0566	0.00 - 0.50
7-00018	70035	Eu-154	-0.0141 U	0.0987	0.029	0.15	0.00 - 0.50
7-00018	70035	Eu-155	0.0307 U	0.0689	0.0213	0.231	0.00 - 0.50
7-00018	70035	Ho-166m	-0.0079 U	0.0264	0.0082	0.0432	0.00 - 0.50
7-00018	70035	K-40	24	0.111	1.33	32.4	0.00 - 0.50
7-00018	70035	Na-22	-0.0024 U	0.0233	0.0069	0.037	0.00 - 0.50
7-00018	70035	Nb-94	-0.001 U	0.0155	0.0046	0.0214	0.00 - 0.50
7-00018	70035	Np-236	-0.0142 U	0.0361	0.0112	0.047	0.00 - 0.50
7-00018	70035	Np-239	0.0275 U	0.13	0.0394	0.139	0.00 - 0.50
7-00018	70035	Pa-231	-0.166 U	0.796	0.255	0.936	0.00 - 0.50
7-00018	70035	Pb-212	1.2	0.0334	0.0707	2.69	0.00 - 0.50
7-00018	70035	Pb-214	0.825	0.0345	0.0398	1.7	0.00 - 0.50
7-00018	70035	Pu-236	0.0061 UJ	0.0425	0.011	7.79	0.00 - 0.50
7-00018	70035	Pu-238	0.01 UJ	0.0318	0.009	0.0415	0.00 - 0.50
7-00018	70035	Pu-239/240	0.0125	0.0276	0.0086	0.0404	0.00 - 0.50
7-00018	70035	Pu-244	0.007	0.0095	0.005	0.0313	0.00 - 0.50
7-00018	70035	Sb-125	0.0022 U	0.0478	0.0139	0.354	0.00 - 0.50
7-00018	70035	Sn-126	-0.0025 U	0.0169	0.0051	0.0237	0.00 - 0.50
7-00018	70035	Sr-90	0.0262 U	0.206	0.0573	0.485	0.00 - 0.50
7-00018	70035	Th-228	1.06	0.0515	0.106	3.98	0.00 - 0.50
7-00018	70035	Th-229	0 U	0.0796	0.0187	0.145	0.00 - 0.50
7-00018	70035	Th-230	0.562	0.0179	0.0692	2.2	0.00 - 0.50
7-00018	70035	Th-232	0.863	0.0485	0.0911	3.1	0.00 - 0.50
7-00018	70035	Th-234	1.41 J	0.291	0.142	3.19	0.00 - 0.50
7-00018	70035	Tl-208	0.402	0.0171	0.0237	0.937	0.00 - 0.50
7-00018	70035	Tm-171	-2.32 U	12.4	4.4	72.4	0.00 - 0.50
7-00018	70035	U-233/234	0.751	0.054	0.0994	2.02	0.00 - 0.50
7-00018	70035	U-235/236	0.0733	0.0284	0.0283	0.151	0.00 - 0.50
7-00018	70035	U-238	0.873	0.023	0.11	1.8	0.00 - 0.50
7-00019	70037	Ac-227	-0.104 U	0.176	0.059	0.217	0.00 - 0.50
7-00019	70037	Ac-228	1.37	0.088	0.0655	2.4	0.00 - 0.50
7-00019	70037	Am-241	0.0056 U	0.0173	0.0049	0.0454	0.00 - 0.50
7-00019	70037	Bi-212	1.02	0.121	0.0735	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00019	70037	Bi-214	1.11	0.0287	0.0504	1.59	0.00 - 0.50
7-00019	70037	Cd-113m	-94.1 UJ	117	43.3	3030	0.00 - 0.50
7-00019	70037	Cm-243/244	0.0034 U	0.0174	0.0044	0.0443	0.00 - 0.50
7-00019	70037	Co-60	-0.0054 U	0.0154	0.0049	0.028	0.00 - 0.50
7-00019	70037	Cs-134	0.0096 JS	0.014	0.005	0.0864	0.00 - 0.50
7-00019	70037	Cs-137	0.0642	0.0157	0.0074	0.207	0.00 - 0.50
7-00019	70037	Eu-152	-0.0197 UJ	0.0428	0.0168	0.0566	0.00 - 0.50
7-00019	70037	Eu-154	-0.0122 U	0.0844	0.0294	0.15	0.00 - 0.50
7-00019	70037	Eu-155	0.1 JS	0.0628	0.026	0.231	0.00 - 0.50
7-00019	70037	Ho-166m	-0.0041 U	0.0242	0.0072	0.0432	0.00 - 0.50
7-00019	70037	K-40	20.9	0.114	1.2	32.4	0.00 - 0.50
7-00019	70037	Na-22	-0.0002 U	0.0181	0.006	0.037	0.00 - 0.50
7-00019	70037	Nb-94	0.0083 JS	0.0145	0.0046	0.0214	0.00 - 0.50
7-00019	70037	Np-236	-0.0263 U	0.0351	0.0141	0.047	0.00 - 0.50
7-00019	70037	Np-239	-0.0116 U	0.123	0.0368	0.139	0.00 - 0.50
7-00019	70037	Pa-231	-0.112 U	0.748	0.234	0.936	0.00 - 0.50
7-00019	70037	Pb-212	1.57	0.0309	0.0988	2.69	0.00 - 0.50
7-00019	70037	Pb-214	1.27	0.0309	0.0619	1.7	0.00 - 0.50
7-00019	70037	Pu-236	-0.002 U	0.0175	0.0034	7.79	0.00 - 0.50
7-00019	70037	Pu-238	0.0007 U	0.017	0.0033	0.0415	0.00 - 0.50
7-00019	70037	Pu-239/240	0.0061	0.0169	0.005	0.0404	0.00 - 0.50
7-00019	70037	Pu-244	0.0007 U	0.0169	0.0033	0.0313	0.00 - 0.50
7-00019	70037	Sb-125	0.0049 U	0.0404	0.0122	0.354	0.00 - 0.50
7-00019	70037	Sn-126	-0.0026 U	0.0152	0.0045	0.0237	0.00 - 0.50
7-00019	70037	Sr-90	0.116 U	0.201	0.0633	0.485	0.00 - 0.50
7-00019	70037	Th-228	1.58	0.107	0.154	3.98	0.00 - 0.50
7-00019	70037	Th-229	0.017	0.023	0.0121	0.145	0.00 - 0.50
7-00019	70037	Th-230	1.16	0.0625	0.122	2.2	0.00 - 0.50
7-00019	70037	Th-232	1.24	0.0229	0.127	3.1	0.00 - 0.50
7-00019	70037	Th-234	2.09	0.276	0.18	3.19	0.00 - 0.50
7-00019	70037	Tl-208	0.481	0.0152	0.0272	0.937	0.00 - 0.50
7-00019	70037	Tm-171	9.31 J	11.7	3.18	72.4	0.00 - 0.50
7-00019	70037	U-233/234	1.2	0.0285	0.114	2.02	0.00 - 0.50
7-00019	70037	U-235/236	0.094	0.015	0.0238	0.151	0.00 - 0.50
7-00019	70037	U-238	1.3	0.0121	0.121	1.8	0.00 - 0.50
7-00019	70038	Ac-227	-0.0581 U	0.184	0.0564	0.217	1.00 - 2.50
7-00019	70038	Ac-228	1.51	0.0993	0.0697	2.4	1.00 - 2.50
7-00019	70038	Am-241	0.0107	0.0058	0.0048	0.0454	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00019	70038	Bi-212	1.03	0.135	0.0897	2.15	1.00 - 2.50
7-00019	70038	Bi-214	1.12	0.0311	0.0526	1.59	1.00 - 2.50
7-00019	70038	Cd-113m	-46.7 U	124	40	3030	1.00 - 2.50
7-00019	70038	Cm-243/244	0.0006 U	0.0137	0.0027	0.0443	1.00 - 2.50
7-00019	70038	Co-60	0.0013 U	0.0189	0.0055	0.028	1.00 - 2.50
7-00019	70038	Cs-134	0.0035 U	0.0151	0.0051	0.0864	1.00 - 2.50
7-00019	70038	Cs-137	0.0004 U	0.0192	0.0056	0.207	1.00 - 2.50
7-00019	70038	Eu-152	0.0045 U	0.0469	0.016	0.0566	1.00 - 2.50
7-00019	70038	Eu-154	-0.0842 UJ	0.101	0.0366	0.15	1.00 - 2.50
7-00019	70038	Eu-155	0.047 SJ	0.0682	0.0232	0.231	1.00 - 2.50
7-00019	70038	Ho-166m	-0.0017 U	0.0273	0.0081	0.0432	1.00 - 2.50
7-00019	70038	K-40	21.8	0.137	1.18	32.4	1.00 - 2.50
7-00019	70038	Na-22	-0.0028 U	0.0207	0.0062	0.037	1.00 - 2.50
7-00019	70038	Nb-94	0.0072 U	0.0164	0.005	0.0214	1.00 - 2.50
7-00019	70038	Np-236	0.0099 U	0.0366	0.0113	0.047	1.00 - 2.50
7-00019	70038	Np-239	0.0211 U	0.127	0.0375	0.139	1.00 - 2.50
7-00019	70038	Pa-231	-0.136 U	0.783	0.254	0.936	1.00 - 2.50
7-00019	70038	Pb-212	1.59	0.0316	0.0913	2.69	1.00 - 2.50
7-00019	70038	Pb-214	1.22	0.0335	0.058	1.7	1.00 - 2.50
7-00019	70038	Pu-236	-0.0027 U	0.0211	0.0037	7.79	1.00 - 2.50
7-00019	70038	Pu-238	0.0026 U	0.023	0.0057	0.0415	1.00 - 2.50
7-00019	70038	Pu-239/240	0.0098	0.0146	0.0054	0.0404	1.00 - 2.50
7-00019	70038	Pu-244	0.0029 U	0.0146	0.0037	0.0313	1.00 - 2.50
7-00019	70038	Sb-125	0.0178 U	0.0446	0.0139	0.354	1.00 - 2.50
7-00019	70038	Sn-126	-0.006 U	0.018	0.0056	0.0237	1.00 - 2.50
7-00019	70038	Sr-90	0.0414 U	0.137	0.0399	0.485	1.00 - 2.50
7-00019	70038	Th-228	1.71	0.0864	0.138	3.98	1.00 - 2.50
7-00019	70038	Th-229	0.0745	0.0495	0.023	0.145	1.00 - 2.50
7-00019	70038	Th-230	1.18	0.0493	0.104	2.2	1.00 - 2.50
7-00019	70038	Th-232	1.46	0.039	0.121	3.1	1.00 - 2.50
7-00019	70038	Th-234	1.99	0.283	0.17	3.19	1.00 - 2.50
7-00019	70038	Tl-208	0.508	0.0171	0.0287	0.937	1.00 - 2.50
7-00019	70038	Tm-171	-3.18 U	11.3	3.85	72.4	1.00 - 2.50
7-00019	70038	U-233/234	1.35	0.0563	0.133	2.02	1.00 - 2.50
7-00019	70038	U-235/236	0.0485	0.0188	0.0187	0.151	1.00 - 2.50
7-00019	70038	U-238	1.38	0.0563	0.135	1.8	1.00 - 2.50
7-00020	70039	Ac-227	-0.0398 U	0.178	0.0535	0.217	0.00 - 0.50
7-00020	70039	Ac-228	1.18	0.0908	0.0567	2.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00020	70039	Am-241	0.0057	0.0077	0.004	0.0454	0.00 - 0.50
7-00020	70039	Bi-212	0.863 J	0.126	0.0901	2.15	0.00 - 0.50
7-00020	70039	Bi-214	0.965	0.0297	0.0464	1.59	0.00 - 0.50
7-00020	70039	Cd-113m	-24.6 U	121	39.1	3030	0.00 - 0.50
7-00020	70039	Cm-243/244	0.0037 UJ	0.0182	0.0046	0.0443	0.00 - 0.50
7-00020	70039	Co-60	0.0037 UJ	0.0183	0.0054	0.028	0.00 - 0.50
7-00020	70039	Cs-134	0.0028 U	0.0146	0.0049	0.0864	0.00 - 0.50
7-00020	70039	Cs-137	0.234	0.0173	0.0173	0.207	0.00 - 0.50
7-00020	70039	Eu-152	-0.0448 UJ	0.0432	0.0176	0.0566	0.00 - 0.50
7-00020	70039	Eu-154	-0.0184 U	0.0903	0.0312	0.15	0.00 - 0.50
7-00020	70039	Eu-155	0.0509 JS	0.0656	0.0228	0.231	0.00 - 0.50
7-00020	70039	Ho-166m	-0.006 U	0.0252	0.0077	0.0432	0.00 - 0.50
7-00020	70039	K-40	19.4	0.13	1.19	32.4	0.00 - 0.50
7-00020	70039	Na-22	-0.001 U	0.0211	0.0063	0.037	0.00 - 0.50
7-00020	70039	Nb-94	0.0037 U	0.0151	0.0045	0.0214	0.00 - 0.50
7-00020	70039	Np-236	-0.0101 U	0.0339	0.0111	0.047	0.00 - 0.50
7-00020	70039	Np-239	0.0099 U	0.121	0.0354	0.139	0.00 - 0.50
7-00020	70039	Pa-231	-0.0738 U	0.751	0.223	0.936	0.00 - 0.50
7-00020	70039	Pb-212	1.3	0.0312	0.0781	2.69	0.00 - 0.50
7-00020	70039	Pb-214	1.07	0.0316	0.052	1.7	0.00 - 0.50
7-00020	70039	Pu-236	0.0022	0.006	0.0022	7.79	0.00 - 0.50
7-00020	70039	Pu-238	-0.0016 U	0.0137	0.0027	0.0415	0.00 - 0.50
7-00020	70039	Pu-239/240	0.0049	0.0137	0.004	0.0404	0.00 - 0.50
7-00020	70039	Pu-244	0.0006 U	0.0137	0.0027	0.0313	0.00 - 0.50
7-00020	70039	Sb-125	0.0109 U	0.043	0.0131	0.354	0.00 - 0.50
7-00020	70039	Sn-126	0.0008 U	0.0168	0.005	0.0237	0.00 - 0.50
7-00020	70039	Sr-90	0.445	0.264	0.104	0.485	0.00 - 0.50
7-00020	70039	Th-228	1.34	0.0625	0.117	3.98	0.00 - 0.50
7-00020	70039	Th-229	0.0278	0.0516	0.0167	0.145	0.00 - 0.50
7-00020	70039	Th-230	0.981	0.0408	0.0923	2.2	0.00 - 0.50
7-00020	70039	Th-232	1.26	0.0407	0.11	3.1	0.00 - 0.50
7-00020	70039	Th-234	1.52 J	0.281	0.17	3.19	0.00 - 0.50
7-00020	70039	Tl-208	0.399	0.0161	0.0236	0.937	0.00 - 0.50
7-00020	70039	Tm-171	-4.4 U	13.7	4.62	72.4	0.00 - 0.50
7-00020	70039	U-233/234	0.927	0.0138	0.0962	2.02	0.00 - 0.50
7-00020	70039	U-235/236	0.0206	0.0401	0.0135	0.151	0.00 - 0.50
7-00020	70039	U-238	0.846	0.0324	0.0901	1.8	0.00 - 0.50
7-00020	70040	Ac-227	-0.17 UJ	0.164	0.0636	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00020	70040	Ac-228	1.24	0.0827	0.0587	2.4	1.00 - 5.00
7-00020	70040	Am-241	0.0029 U	0.0145	0.0036	0.0454	1.00 - 5.00
7-00020	70040	Bi-212	0.768	0.108	0.0664	2.15	1.00 - 5.00
7-00020	70040	Bi-214	0.911	0.0248	0.0433	1.59	1.00 - 5.00
7-00020	70040	Cd-113m	-36.4 U	111	33.7	3030	1.00 - 5.00
7-00020	70040	Cm-243/244	0.0178	0.0206	0.0078	0.0443	1.00 - 5.00
7-00020	70040	Co-60	0.007 U	0.0158	0.0048	0.028	1.00 - 5.00
7-00020	70040	Cs-134	-0.0022 U	0.0118	0.0042	0.0864	1.00 - 5.00
7-00020	70040	Cs-137	0.155	0.0158	0.0118	0.207	1.00 - 5.00
7-00020	70040	Eu-152	-0.0286 U	0.0399	0.0147	0.0566	1.00 - 5.00
7-00020	70040	Eu-154	0.0081 U	0.0832	0.0279	0.15	1.00 - 5.00
7-00020	70040	Eu-155	0.0597 JS	0.0587	0.0225	0.231	1.00 - 5.00
7-00020	70040	Ho-166m	-0.0043 U	0.0224	0.007	0.0432	1.00 - 5.00
7-00020	70040	K-40	20.9	0.0937	1.17	32.4	1.00 - 5.00
7-00020	70040	Na-22	-0.0067 U	0.0171	0.0055	0.037	1.00 - 5.00
7-00020	70040	Nb-94	0.0055 U	0.0134	0.0042	0.0214	1.00 - 5.00
7-00020	70040	Np-236	0.005 U	0.0329	0.0112	0.047	1.00 - 5.00
7-00020	70040	Np-239	0.0624 J	0.116	0.0384	0.139	1.00 - 5.00
7-00020	70040	Pa-231	0.258 U	0.716	0.215	0.936	1.00 - 5.00
7-00020	70040	Pb-212	1.38	0.0282	0.0807	2.69	1.00 - 5.00
7-00020	70040	Pb-214	1.03	0.0289	0.0492	1.7	1.00 - 5.00
7-00020	70040	Pu-236	0.0006 U	0.0148	0.0029	7.79	1.00 - 5.00
7-00020	70040	Pu-238	-0.0004 U	0.0206	0.0043	0.0415	1.00 - 5.00
7-00020	70040	Pu-239/240	-0.0036 U	0.0248	0.0049	0.0404	1.00 - 5.00
7-00020	70040	Pu-244	0.0013 U	0.018	0.004	0.0313	1.00 - 5.00
7-00020	70040	Sb-125	0.0032 U	0.0378	0.0112	0.354	1.00 - 5.00
7-00020	70040	Sn-126	-0.0053 U	0.0138	0.0045	0.0237	1.00 - 5.00
7-00020	70040	Sr-90	0.378	0.223	0.0907	0.485	1.00 - 5.00
7-00020	70040	Th-228	1.23 L	0.122	0.123	3.98	1.00 - 5.00
7-00020	70040	Th-229	0.0214 UL	0.0767	0.0214	0.145	1.00 - 5.00
7-00020	70040	Th-230	0.803 L	0.0523	0.0894	2.2	1.00 - 5.00
7-00020	70040	Th-232	1.17 L	0.0192	0.114	3.1	1.00 - 5.00
7-00020	70040	Th-234	1.54	0.249	0.153	3.19	1.00 - 5.00
7-00020	70040	Tl-208	0.413	0.0137	0.0234	0.937	1.00 - 5.00
7-00020	70040	Tm-171	2.08 U	10.9	3.65	72.4	1.00 - 5.00
7-00020	70040	U-233/234	1.02	0.0216	0.12	2.02	1.00 - 5.00
7-00020	70040	U-235/236	0.0788	0.0267	0.0285	0.151	1.00 - 5.00
7-00020	70040	U-238	0.984	0.0628	0.117	1.8	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00021	70041	Ac-227	-0.128 U	0.21	0.0705	0.217	0.00 - 0.50
7-00021	70041	Ac-228	1.17	0.105	0.0579	2.4	0.00 - 0.50
7-00021	70041	Am-241	0.0028 UJ	0.0304	0.0072	0.0454	0.00 - 0.50
7-00021	70041	Bi-212	0.634 J	0.143	0.0856	2.15	0.00 - 0.50
7-00021	70041	Bi-214	1.02	0.0322	0.0494	1.59	0.00 - 0.50
7-00021	70041	Cd-113m	-85.6 U	139	47	3030	0.00 - 0.50
7-00021	70041	Cm-243/244	0.0149 UJ	0.0368	0.011	0.0443	0.00 - 0.50
7-00021	70041	Co-60	0.0026 U	0.0199	0.0057	0.028	0.00 - 0.50
7-00021	70041	Cs-134	0.0013 U	0.0163	0.0056	0.0864	0.00 - 0.50
7-00021	70041	Cs-137	0.528 J	0.0206	0.0312	0.207	0.00 - 0.50
7-00021	70041	Eu-152	0.0022 U	0.0519	0.018	0.0566	0.00 - 0.50
7-00021	70041	Eu-154	-0.0493 U	0.106	0.0392	0.15	0.00 - 0.50
7-00021	70041	Eu-155	0.0936 JS	0.0746	0.0314	0.231	0.00 - 0.50
7-00021	70041	Ho-166m	-0.0024 U	0.0282	0.0085	0.0432	0.00 - 0.50
7-00021	70041	K-40	23	0.136	1.45	32.4	0.00 - 0.50
7-00021	70041	Na-22	-0.006 U	0.0236	0.0082	0.037	0.00 - 0.50
7-00021	70041	Nb-94	0.0038 U	0.0167	0.005	0.0214	0.00 - 0.50
7-00021	70041	Np-236	-0.0091 U	0.0405	0.0126	0.047	0.00 - 0.50
7-00021	70041	Np-239	0.0013 U	0.144	0.0426	0.139	0.00 - 0.50
7-00021	70041	Pa-231	0.26 U	0.91	0.286	0.936	0.00 - 0.50
7-00021	70041	Pb-212	1.43	0.0374	0.0871	2.69	0.00 - 0.50
7-00021	70041	Pb-214	1.21	0.0372	0.0586	1.7	0.00 - 0.50
7-00021	70041	Pu-236	0.0024 U	0.0261	0.0062	7.79	0.00 - 0.50
7-00021	70041	Pu-238	0.0095 U	0.0303	0.0086	0.0415	0.00 - 0.50
7-00021	70041	Pu-239/240	0.0238	0.0219	0.0093	0.0404	0.00 - 0.50
7-00021	70041	Pu-244	0.0119 J	0.0177	0.0066	0.0313	0.00 - 0.50
7-00021	70041	Sb-125	0.0014 U	0.051	0.0148	0.354	0.00 - 0.50
7-00021	70041	Sn-126	-0.0032 U	0.0183	0.0056	0.0237	0.00 - 0.50
7-00021	70041	Sr-90	0.005 U	0.357	0.099	0.485	0.00 - 0.50
7-00021	70041	Th-228	1.12	0.14	0.114	3.98	0.00 - 0.50
7-00021	70041	Th-229	0.0249 U	0.0748	0.0216	0.145	0.00 - 0.50
7-00021	70041	Th-230	0.838	0.0746	0.0887	2.2	0.00 - 0.50
7-00021	70041	Th-232	1.06	0.0456	0.102	3.1	0.00 - 0.50
7-00021	70041	Th-234	1.72 J	0.33	0.192	3.19	0.00 - 0.50
7-00021	70041	Tl-208	0.413	0.0184	0.0243	0.937	0.00 - 0.50
7-00021	70041	Tm-171	-4.28 U	17	5.81	72.4	0.00 - 0.50
7-00021	70041	U-233/234	0.995	0.102	0.13	2.02	0.00 - 0.50
7-00021	70041	U-235/236	0.088	0.0341	0.034	0.151	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00021	70041	U-238	0.979	0.0648	0.128	1.8	0.00 - 0.50
7-00021	70042	Ac-227	-0.147 UJ	0.2	0.0696	0.217	1.00 - 3.33
7-00021	70042	Ac-228	1.22	0.105	0.0608	2.4	1.00 - 3.33
7-00021	70042	Am-241	0.0031	0.0083	0.0031	0.0454	1.00 - 3.33
7-00021	70042	Bi-212	0.86 J	0.142	0.0891	2.15	1.00 - 3.33
7-00021	70042	Bi-214	1.16	0.0327	0.0536	1.59	1.00 - 3.33
7-00021	70042	Cd-113m	56.5 U	138	43.6	3030	1.00 - 3.33
7-00021	70042	Cm-243/244	0 U	0.0286	0.0062	0.0443	1.00 - 3.33
7-00021	70042	Co-60	0.0062 U	0.0207	0.0061	0.028	1.00 - 3.33
7-00021	70042	Cs-134	0.0002 U	0.0161	0.0054	0.0864	1.00 - 3.33
7-00021	70042	Cs-137	0.207	0.0183	0.0142	0.207	1.00 - 3.33
7-00021	70042	Eu-152	-0.0374 UJ	0.0496	0.0182	0.0566	1.00 - 3.33
7-00021	70042	Eu-154	-0.109 UJ	0.112	0.0431	0.15	1.00 - 3.33
7-00021	70042	Eu-155	0.0515 JS	0.0692	0.0238	0.231	1.00 - 3.33
7-00021	70042	Ho-166m	0.0081 U	0.0309	0.0092	0.0432	1.00 - 3.33
7-00021	70042	K-40	24.6	0.149	1.5	32.4	1.00 - 3.33
7-00021	70042	Na-22	-0.0109 U	0.0238	0.0077	0.037	1.00 - 3.33
7-00021	70042	Nb-94	0.014 JS	0.0179	0.0061	0.0214	1.00 - 3.33
7-00021	70042	Np-236	-0.003 U	0.038	0.0115	0.047	1.00 - 3.33
7-00021	70042	Np-239	0.0883 J	0.137	0.0446	0.139	1.00 - 3.33
7-00021	70042	Pa-231	0.189 U	0.858	0.255	0.936	1.00 - 3.33
7-00021	70042	Pb-212	1.34	0.035	0.0801	2.69	1.00 - 3.33
7-00021	70042	Pb-214	1.23	0.0368	0.06	1.7	1.00 - 3.33
7-00021	70042	Pu-236	0.0007 U	0.0159	0.0031	7.79	1.00 - 3.33
7-00021	70042	Pu-238	-0.0018 U	0.0156	0.003	0.0415	1.00 - 3.33
7-00021	70042	Pu-239/240	0.0007 U	0.0156	0.003	0.0404	1.00 - 3.33
7-00021	70042	Pu-244	0.0056	0.0156	0.0046	0.0313	1.00 - 3.33
7-00021	70042	Sb-125	0.0133 U	0.0493	0.0151	0.354	1.00 - 3.33
7-00021	70042	Sn-126	0.0031 U	0.0195	0.0058	0.0237	1.00 - 3.33
7-00021	70042	Sr-90	0.0488 U	0.174	0.0504	0.485	1.00 - 3.33
7-00021	70042	Th-228	1.11	0.0668	0.111	3.98	1.00 - 3.33
7-00021	70042	Th-229	0.021	0.0515	0.0157	0.145	1.00 - 3.33
7-00021	70042	Th-230	1.03	0.0514	0.104	2.2	1.00 - 3.33
7-00021	70042	Th-232	1.04	0.0512	0.105	3.1	1.00 - 3.33
7-00021	70042	Th-234	1.61 J	0.311	0.166	3.19	1.00 - 3.33
7-00021	70042	Tl-208	0.421	0.0187	0.0245	0.937	1.00 - 3.33
7-00021	70042	Tm-171	14.7 J	14.8	7.84	72.4	1.00 - 3.33
7-00021	70042	U-233/234	1.13	0.0148	0.114	2.02	1.00 - 3.33

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00021	70042	U-235/236	0.0762	0.0431	0.0246	0.151	1.00 - 3.33
7-00021	70042	U-238	1.07	0.0431	0.11	1.8	1.00 - 3.33
7-00022	70043	Ac-227	0.0111 U	0.168	0.0515	0.217	0.00 - 0.50
7-00022	70043	Ac-228	1.03	0.0963	0.051	2.4	0.00 - 0.50
7-00022	70043	Am-241	0.0076	0.0147	0.0049	0.0454	0.00 - 0.50
7-00022	70043	Bi-212	0.71 J	0.127	0.0717	2.15	0.00 - 0.50
7-00022	70043	Bi-214	0.83	0.0305	0.0409	1.59	0.00 - 0.50
7-00022	70043	Cd-113m	-30.2 U	113	35.8	3030	0.00 - 0.50
7-00022	70043	Cm-243/244	0.0043 U	0.021	0.0055	0.0443	0.00 - 0.50
7-00022	70043	Co-60	0.0049 U	0.0185	0.0054	0.028	0.00 - 0.50
7-00022	70043	Cs-134	0.003 U	0.0151	0.0052	0.0864	0.00 - 0.50
7-00022	70043	Cs-137	1.23	0.0172	0.0698	0.207	0.00 - 0.50
7-00022	70043	Eu-152	0.0084 U	0.0437	0.0144	0.0566	0.00 - 0.50
7-00022	70043	Eu-154	-0.0076 U	0.102	0.0306	0.15	0.00 - 0.50
7-00022	70043	Eu-155	0.0629 JS	0.0501	0.0229	0.231	0.00 - 0.50
7-00022	70043	Ho-166m	0.0049 U	0.0256	0.0074	0.0432	0.00 - 0.50
7-00022	70043	K-40	21.6	0.125	1.16	32.4	0.00 - 0.50
7-00022	70043	Na-22	-0.003 U	0.0216	0.0064	0.037	0.00 - 0.50
7-00022	70043	Nb-94	0.0033 U	0.0145	0.0042	0.0214	0.00 - 0.50
7-00022	70043	Np-236	-0.0012 U	0.0276	0.008	0.047	0.00 - 0.50
7-00022	70043	Np-239	-0.048 U	0.108	0.0353	0.139	0.00 - 0.50
7-00022	70043	Pa-231	-0.0214 U	0.715	0.221	0.936	0.00 - 0.50
7-00022	70043	Pb-212	1.09	0.0287	0.0607	2.69	0.00 - 0.50
7-00022	70043	Pb-214	0.884	0.0303	0.0427	1.7	0.00 - 0.50
7-00022	70043	Pu-236	0.0006 U	0.0139	0.0027	7.79	0.00 - 0.50
7-00022	70043	Pu-238	0	0.0057	0.0021	0.0415	0.00 - 0.50
7-00022	70043	Pu-239/240	0.0252	0.0057	0.0074	0.0404	0.00 - 0.50
7-00022	70043	Pu-244	0.0084	0.0057	0.0042	0.0313	0.00 - 0.50
7-00022	70043	Sb-125	0.0011 U	0.0465	0.0137	0.354	0.00 - 0.50
7-00022	70043	Sn-126	0.0011 U	0.0167	0.0048	0.0237	0.00 - 0.50
7-00022	70043	Sr-90	0.151	0.216	0.0695	0.485	0.00 - 0.50
7-00022	70043	Th-228	1.08	0.0988	0.113	3.98	0.00 - 0.50
7-00022	70043	Th-229	-0.0071 U	0.0853	0.0188	0.145	0.00 - 0.50
7-00022	70043	Th-230	0.673	0.0192	0.0796	2.2	0.00 - 0.50
7-00022	70043	Th-232	0.882	0.052	0.095	3.1	0.00 - 0.50
7-00022	70043	Th-234	1.18	0.189	0.0999	3.19	0.00 - 0.50
7-00022	70043	Tl-208	0.368	0.0162	0.0234	0.937	0.00 - 0.50
7-00022	70043	Tm-171	-0.774 U	5.9	2.03	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00022	70043	U-233/234	2.33	0.0358	0.206	2.02	0.00 - 0.50
7-00022	70043	U-235/236	0.104	0.0188	0.028	0.151	0.00 - 0.50
7-00022	70043	U-238	1.1	0.0152	0.113	1.8	0.00 - 0.50
7-00023	70045	Ac-227	-0.0308 U	0.177	0.0551	0.217	0.00 - 0.50
7-00023	70045	Ac-228	1.09	0.101	0.0534	2.4	0.00 - 0.50
7-00023	70045	Am-241	0.0137	0.024	0.0077	0.0454	0.00 - 0.50
7-00023	70045	Bi-212	0.717 J	0.131	0.0742	2.15	0.00 - 0.50
7-00023	70045	Bi-214	0.967	0.0311	0.0465	1.59	0.00 - 0.50
7-00023	70045	Cd-113m	32.9 U	120	37.4	3030	0.00 - 0.50
7-00023	70045	Cm-243/244	0.0026 U	0.0269	0.0069	0.0443	0.00 - 0.50
7-00023	70045	Co-60	-0.0025 U	0.0184	0.0054	0.028	0.00 - 0.50
7-00023	70045	Cs-134	0.0007 U	0.0155	0.0054	0.0864	0.00 - 0.50
7-00023	70045	Cs-137	1.16	0.0184	0.066	0.207	0.00 - 0.50
7-00023	70045	Eu-152	-0.0161 U	0.0454	0.0157	0.0566	0.00 - 0.50
7-00023	70045	Eu-154	-0.0112 U	0.0976	0.034	0.15	0.00 - 0.50
7-00023	70045	Eu-155	0.0818 SJ	0.0508	0.0212	0.231	0.00 - 0.50
7-00023	70045	Ho-166m	0.0078 U	0.027	0.0079	0.0432	0.00 - 0.50
7-00023	70045	K-40	20.4	0.126	1.1	32.4	0.00 - 0.50
7-00023	70045	Na-22	-0.003 U	0.0226	0.0067	0.037	0.00 - 0.50
7-00023	70045	Nb-94	-0.0001 U	0.0153	0.0044	0.0214	0.00 - 0.50
7-00023	70045	Np-236	-0.0176 U	0.0281	0.0093	0.047	0.00 - 0.50
7-00023	70045	Np-239	-0.0727 U	0.112	0.0389	0.139	0.00 - 0.50
7-00023	70045	Pa-231	0.279 U	0.755	0.239	0.936	0.00 - 0.50
7-00023	70045	Pb-212	1.2	0.0296	0.0667	2.69	0.00 - 0.50
7-00023	70045	Pb-214	0.997	0.0329	0.048	1.7	0.00 - 0.50
7-00023	70045	Pu-236	-0.0071 U	0.0359	0.007	7.79	0.00 - 0.50
7-00023	70045	Pu-238	0.0077 U	0.0236	0.0067	0.0415	0.00 - 0.50
7-00023	70045	Pu-239/240	0.009	0.0081	0.0052	0.0404	0.00 - 0.50
7-00023	70045	Pu-244	0.009	0.0081	0.0052	0.0313	0.00 - 0.50
7-00023	70045	Sb-125	-0.0182 U	0.0464	0.0146	0.354	0.00 - 0.50
7-00023	70045	Sn-126	0.0035 U	0.0177	0.0051	0.0237	0.00 - 0.50
7-00023	70045	Sr-90	0.303	0.303	0.105	0.485	0.00 - 0.50
7-00023	70045	Th-228	1.16	0.0977	0.11	3.98	0.00 - 0.50
7-00023	70045	Th-229	0.0059 U	0.0832	0.0213	0.145	0.00 - 0.50
7-00023	70045	Th-230	0.759	0.0433	0.0802	2.2	0.00 - 0.50
7-00023	70045	Th-232	1.15	0.0632	0.106	3.1	0.00 - 0.50
7-00023	70045	Th-234	1.33	0.208	0.116	3.19	0.00 - 0.50
7-00023	70045	Tl-208	0.378	0.0165	0.023	0.937	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00023	70045	Tm-171	1.68 U	6.21	2.14	72.4	0.00 - 0.50
7-00023	70045	U-233/234	1.11	0.0429	0.121	2.02	0.00 - 0.50
7-00023	70045	U-235/236	0.0249	0.0225	0.0145	0.151	0.00 - 0.50
7-00023	70045	U-238	1.06	0.0182	0.116	1.8	0.00 - 0.50
7-00023	70046	Ac-227	-0.0438 U	0.183	0.0576	0.217	1.00 - 4.08
7-00023	70046	Ac-228	1.32	0.0912	0.063	2.4	1.00 - 4.08
7-00023	70046	Am-241	0.0012 U	0.0166	0.0037	0.0454	1.00 - 4.08
7-00023	70046	Bi-212	0.938	0.124	0.0835	2.15	1.00 - 4.08
7-00023	70046	Bi-214	1.03	0.0288	0.0477	1.59	1.00 - 4.08
7-00023	70046	Cd-113m	-13.5 U	121	37.3	3030	1.00 - 4.08
7-00023	70046	Cm-243/244	0.0008 U	0.023	0.0054	0.0443	1.00 - 4.08
7-00023	70046	Co-60	0.0036 U	0.017	0.005	0.028	1.00 - 4.08
7-00023	70046	Cs-134	0.003 U	0.0145	0.0049	0.0864	1.00 - 4.08
7-00023	70046	Cs-137	0.114	0.0185	0.0102	0.207	1.00 - 4.08
7-00023	70046	Eu-152	-0.0122 U	0.0439	0.0136	0.0566	1.00 - 4.08
7-00023	70046	Eu-154	-0.0239 U	0.0913	0.0321	0.15	1.00 - 4.08
7-00023	70046	Eu-155	0.0745 SJ	0.0643	0.0203	0.231	1.00 - 4.08
7-00023	70046	Ho-166m	-0.0033 U	0.0261	0.008	0.0432	1.00 - 4.08
7-00023	70046	K-40	22.4	0.13	1.27	32.4	1.00 - 4.08
7-00023	70046	Na-22	-0.0073 U	0.0201	0.0074	0.037	1.00 - 4.08
7-00023	70046	Nb-94	0.0079 SJ	0.0152	0.0048	0.0214	1.00 - 4.08
7-00023	70046	Np-236	-0.0182 U	0.0345	0.0111	0.047	1.00 - 4.08
7-00023	70046	Np-239	-0.0096 U	0.122	0.0373	0.139	1.00 - 4.08
7-00023	70046	Pa-231	-0.0795 U	0.76	0.236	0.936	1.00 - 4.08
7-00023	70046	Pb-212	1.48	0.0317	0.0881	2.69	1.00 - 4.08
7-00023	70046	Pb-214	1.15	0.0316	0.0553	1.7	1.00 - 4.08
7-00023	70046	Pu-236	0.0026	0.0069	0.0026	7.79	1.00 - 4.08
7-00023	70046	Pu-238	0.0057	0.016	0.0047	0.0415	1.00 - 4.08
7-00023	70046	Pu-239/240	0.0007 U	0.016	0.0031	0.0404	1.00 - 4.08
7-00023	70046	Pu-244	0.0151	0.0068	0.0062	0.0313	1.00 - 4.08
7-00023	70046	Sb-125	-0.0083 U	0.0412	0.0123	0.354	1.00 - 4.08
7-00023	70046	Sn-126	0.0057 U	0.017	0.0052	0.0237	1.00 - 4.08
7-00023	70046	Sr-90	0.181	0.189	0.0648	0.485	1.00 - 4.08
7-00023	70046	Th-228	1.38	0.0187	0.126	3.98	1.00 - 4.08
7-00023	70046	Th-229	0.0403	0.0182	0.0166	0.145	1.00 - 4.08
7-00023	70046	Th-230	0.932	0.0182	0.0956	2.2	1.00 - 4.08
7-00023	70046	Th-232	1.22	0.0492	0.115	3.1	1.00 - 4.08
7-00023	70046	Th-234	2.05	0.272	0.193	3.19	1.00 - 4.08

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00023	70046	Tl-208	0.45	0.0162	0.0256	0.937	1.00 - 4.08
7-00023	70046	Tm-171	8.25 J	12.5	4.67	72.4	1.00 - 4.08
7-00023	70046	U-233/234	1.06	0.0313	0.106	2.02	1.00 - 4.08
7-00023	70046	U-235/236	0.0547	0.0165	0.0187	0.151	1.00 - 4.08
7-00023	70046	U-238	1.11	0.0313	0.109	1.8	1.00 - 4.08
7-00024	70047	Ac-227	-0.0456 U	0.212	0.064	0.217	0.00 - 0.50
7-00024	70047	Ac-228	1.22	0.116	0.0619	2.4	0.00 - 0.50
7-00024	70047	Am-241	0.009	0.0134	0.005	0.0454	0.00 - 0.50
7-00024	70047	Bi-212	0.831 J	0.154	0.0846	2.15	0.00 - 0.50
7-00024	70047	Bi-214	0.974	0.0346	0.0477	1.59	0.00 - 0.50
7-00024	70047	Cd-113m	47.2 U	145	47.1	3030	0.00 - 0.50
7-00024	70047	Cm-243/244	0.0018 U	0.0191	0.0045	0.0443	0.00 - 0.50
7-00024	70047	Co-60	0.008 U	0.0223	0.0066	0.028	0.00 - 0.50
7-00024	70047	Cs-134	0.0059 U	0.018	0.0061	0.0864	0.00 - 0.50
7-00024	70047	Cs-137	0.25	0.0212	0.0174	0.207	0.00 - 0.50
7-00024	70047	Eu-152	-0.0059 U	0.0521	0.0163	0.0566	0.00 - 0.50
7-00024	70047	Eu-154	-0.0159 U	0.113	0.0332	0.15	0.00 - 0.50
7-00024	70047	Eu-155	0.0593 JS	0.0773	0.027	0.231	0.00 - 0.50
7-00024	70047	Ho-166m	-0.0024 U	0.0286	0.0085	0.0432	0.00 - 0.50
7-00024	70047	K-40	22.3	0.159	1.35	32.4	0.00 - 0.50
7-00024	70047	Na-22	-0.0053 U	0.0242	0.0086	0.037	0.00 - 0.50
7-00024	70047	Nb-94	0.0058 U	0.0176	0.0053	0.0214	0.00 - 0.50
7-00024	70047	Np-236	-0.0132 U	0.0402	0.0128	0.047	0.00 - 0.50
7-00024	70047	Np-239	-0.0045 U	0.142	0.0417	0.139	0.00 - 0.50
7-00024	70047	Pa-231	-0.172 U	0.891	0.269	0.936	0.00 - 0.50
7-00024	70047	Pb-212	1.37	0.0368	0.0922	2.69	0.00 - 0.50
7-00024	70047	Pb-214	1.1	0.0374	0.0589	1.7	0.00 - 0.50
7-00024	70047	Pu-236	0.0187	0.0248	0.0089	7.79	0.00 - 0.50
7-00024	70047	Pu-238	0.0089 U	0.0405	0.0112	0.0415	0.00 - 0.50
7-00024	70047	Pu-239/240	0.0048 U	0.0238	0.0062	0.0404	0.00 - 0.50
7-00024	70047	Pu-244	0.0053	0.0071	0.0037	0.0313	0.00 - 0.50
7-00024	70047	Sb-125	0.0016 U	0.0524	0.0159	0.354	0.00 - 0.50
7-00024	70047	Sn-126	0.0009 U	0.0196	0.0058	0.0237	0.00 - 0.50
7-00024	70047	Sr-90	0.0088 U	0.151	0.0405	0.485	0.00 - 0.50
7-00024	70047	Th-228	1.4	0.0912	0.126	3.98	0.00 - 0.50
7-00024	70047	Th-229	0.0549	0.0165	0.0186	0.145	0.00 - 0.50
7-00024	70047	Th-230	0.907	0.0165	0.0903	2.2	0.00 - 0.50
7-00024	70047	Th-232	1.18	0.0165	0.108	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00024	70047	Th-234	1.36 J	0.324	0.162	3.19	0.00 - 0.50
7-00024	70047	Tl-208	0.411	0.0195	0.0254	0.937	0.00 - 0.50
7-00024	70047	Tm-171	-4.1 U	16.7	5.67	72.4	0.00 - 0.50
7-00024	70047	U-233/234	0.996	0.025	0.0944	2.02	0.00 - 0.50
7-00024	70047	U-235/236	0.079	0.0309	0.0211	0.151	0.00 - 0.50
7-00024	70047	U-238	0.989	0.0355	0.0941	1.8	0.00 - 0.50
7-00024	70048	Ac-227	0.0066 U	0.19	0.0577	0.217	1.00 - 2.50
7-00024	70048	Ac-228	1.12	0.0998	0.0564	2.4	1.00 - 2.50
7-00024	70048	Am-241	0.0006 U	0.0134	0.0026	0.0454	1.00 - 2.50
7-00024	70048	Bi-212	0.913	0.127	0.0727	2.15	1.00 - 2.50
7-00024	70048	Bi-214	0.687	0.0308	0.035	1.59	1.00 - 2.50
7-00024	70048	Cd-113m	-14 U	127	40.1	3030	1.00 - 2.50
7-00024	70048	Cm-243/244	0.0063	0.0057	0.0037	0.0443	1.00 - 2.50
7-00024	70048	Co-60	-0.0018 U	0.0169	0.0049	0.028	1.00 - 2.50
7-00024	70048	Cs-134	-0.0014 U	0.0141	0.0048	0.0864	1.00 - 2.50
7-00024	70048	Cs-137	0.0168	0.0166	0.0056	0.207	1.00 - 2.50
7-00024	70048	Eu-152	-0.033 U	0.0453	0.0183	0.0566	1.00 - 2.50
7-00024	70048	Eu-154	-0.0062 U	0.102	0.0309	0.15	1.00 - 2.50
7-00024	70048	Eu-155	0.0615 SJ	0.0695	0.0271	0.231	1.00 - 2.50
7-00024	70048	Ho-166m	-0.0164 U	0.0249	0.0086	0.0432	1.00 - 2.50
7-00024	70048	K-40	25.1	0.113	1.46	32.4	1.00 - 2.50
7-00024	70048	Na-22	0.0065 U	0.0212	0.0062	0.037	1.00 - 2.50
7-00024	70048	Nb-94	0.0055 U	0.0157	0.0047	0.0214	1.00 - 2.50
7-00024	70048	Np-236	-0.0016 U	0.0375	0.0127	0.047	1.00 - 2.50
7-00024	70048	Np-239	-0.0192 U	0.128	0.0393	0.139	1.00 - 2.50
7-00024	70048	Pa-231	0.0927 U	0.801	0.244	0.936	1.00 - 2.50
7-00024	70048	Pb-212	1.23	0.0322	0.0751	2.69	1.00 - 2.50
7-00024	70048	Pb-214	0.761	0.0328	0.0396	1.7	1.00 - 2.50
7-00024	70048	Pu-236	0.0093	0.0063	0.0047	7.79	1.00 - 2.50
7-00024	70048	Pu-238	0.0069	0.0062	0.004	0.0415	1.00 - 2.50
7-00024	70048	Pu-239/240	0.0082	0.0182	0.0057	0.0404	1.00 - 2.50
7-00024	70048	Pu-244	0.0053	0.0147	0.0043	0.0313	1.00 - 2.50
7-00024	70048	Sb-125	0.007 U	0.0439	0.0128	0.354	1.00 - 2.50
7-00024	70048	Sn-126	-0.0021 U	0.0171	0.0051	0.0237	1.00 - 2.50
7-00024	70048	Sr-90	-0.0171 U	0.124	0.0302	0.485	1.00 - 2.50
7-00024	70048	Th-228	1.13	0.11	0.108	3.98	1.00 - 2.50
7-00024	70048	Th-229	0.0173 U	0.0754	0.0208	0.145	1.00 - 2.50
7-00024	70048	Th-230	0.585	0.0423	0.0675	2.2	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00024	70048	Th-232	1.03	0.0155	0.0969	3.1	1.00 - 2.50
7-00024	70048	Th-234	1.18 J	0.293	0.146	3.19	1.00 - 2.50
7-00024	70048	Tl-208	0.4	0.0159	0.0235	0.937	1.00 - 2.50
7-00024	70048	Tm-171	-6.62 U	13.4	4.8	72.4	1.00 - 2.50
7-00024	70048	U-233/234	0.641	0.0475	0.0753	2.02	1.00 - 2.50
7-00024	70048	U-235/236	0.0249	0.0587	0.0179	0.151	1.00 - 2.50
7-00024	70048	U-238	0.664	0.0414	0.0769	1.8	1.00 - 2.50
7-00025	70049	Ac-227	-0.0687 U	0.151	0.0499	0.217	0.00 - 0.50
7-00025	70049	Ac-228	1.02	0.0878	0.0508	2.4	0.00 - 0.50
7-00025	70049	Am-241	0.0045	0.0061	0.0032	0.0454	0.00 - 0.50
7-00025	70049	Bi-212	0.786 J	0.123	0.0835	2.15	0.00 - 0.50
7-00025	70049	Bi-214	0.836	0.0278	0.0413	1.59	0.00 - 0.50
7-00025	70049	Cd-113m	-12.6 U	102	31.6	3030	0.00 - 0.50
7-00025	70049	Cm-243/244	-0.0026 U	0.0205	0.0036	0.0443	0.00 - 0.50
7-00025	70049	Co-60	-0.0021 UJ	0.0175	0.0051	0.028	0.00 - 0.50
7-00025	70049	Cs-134	0.0042 U	0.014	0.0049	0.0864	0.00 - 0.50
7-00025	70049	Cs-137	0.374	0.0166	0.0235	0.207	0.00 - 0.50
7-00025	70049	Eu-152	-0.0108 U	0.0388	0.0132	0.0566	0.00 - 0.50
7-00025	70049	Eu-154	-0.0011 U	0.0964	0.0287	0.15	0.00 - 0.50
7-00025	70049	Eu-155	0.0658 JS	0.0453	0.019	0.231	0.00 - 0.50
7-00025	70049	Ho-166m	-0.0033 U	0.0238	0.007	0.0432	0.00 - 0.50
7-00025	70049	K-40	19.5	0.118	1.05	32.4	0.00 - 0.50
7-00025	70049	Na-22	-0.0038 U	0.0198	0.0059	0.037	0.00 - 0.50
7-00025	70049	Nb-94	0.0067 U	0.0146	0.0044	0.0214	0.00 - 0.50
7-00025	70049	Np-236	-0.0144 U	0.0251	0.0082	0.047	0.00 - 0.50
7-00025	70049	Np-239	0.0002 U	0.0981	0.0298	0.139	0.00 - 0.50
7-00025	70049	Pa-231	-0.0216 U	0.636	0.196	0.936	0.00 - 0.50
7-00025	70049	Pb-212	1.15	0.0254	0.0638	2.69	0.00 - 0.50
7-00025	70049	Pb-214	0.873	0.0283	0.0415	1.7	0.00 - 0.50
7-00025	70049	Pu-236	-0.0016 U	0.0143	0.0028	7.79	0.00 - 0.50
7-00025	70049	Pu-238	0.005	0.0138	0.0041	0.0415	0.00 - 0.50
7-00025	70049	Pu-239/240	0.0245	0.0138	0.0078	0.0404	0.00 - 0.50
7-00025	70049	Pu-244	0.0034 U	0.0171	0.0044	0.0313	0.00 - 0.50
7-00025	70049	Sb-125	0.0196 U	0.0408	0.0126	0.354	0.00 - 0.50
7-00025	70049	Sn-126	0.0034 U	0.0165	0.0048	0.0237	0.00 - 0.50
7-00025	70049	Sr-90	-0.0274 U	0.221	0.0563	0.485	0.00 - 0.50
7-00025	70049	Th-228	0.996	0.134	0.115	3.98	0.00 - 0.50
7-00025	70049	Th-229	0 UJ	0.114	0.028	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00025	70049	Th-230	0.96	0.0594	0.106	2.2	0.00 - 0.50
7-00025	70049	Th-232	1.12	0.0866	0.118	3.1	0.00 - 0.50
7-00025	70049	Th-234	1.25	0.185	0.106	3.19	0.00 - 0.50
7-00025	70049	Tl-208	0.37	0.016	0.0218	0.937	0.00 - 0.50
7-00025	70049	Tm-171	0.0216 U	5.63	1.92	72.4	0.00 - 0.50
7-00025	70049	U-233/234	1.19	0.0445	0.12	2.02	0.00 - 0.50
7-00025	70049	U-235/236	0.0628	0.0189	0.0214	0.151	0.00 - 0.50
7-00025	70049	U-238	1.14	0.0359	0.116	1.8	0.00 - 0.50
7-00025	70050	Ac-227	-0.0096 U	0.171	0.0526	0.217	1.00 - 5.00
7-00025	70050	Ac-228	1.24	0.099	0.0591	2.4	1.00 - 5.00
7-00025	70050	Am-241	0	0.0053	0.002	0.0454	1.00 - 5.00
7-00025	70050	Bi-212	0.825	0.137	0.0768	2.15	1.00 - 5.00
7-00025	70050	Bi-214	0.969	0.0302	0.0476	1.59	1.00 - 5.00
7-00025	70050	Cd-113m	41.8 U	115	36	3030	1.00 - 5.00
7-00025	70050	Cm-243/244	0.0097	0.0053	0.0044	0.0443	1.00 - 5.00
7-00025	70050	Co-60	-0.0011 U	0.0191	0.0056	0.028	1.00 - 5.00
7-00025	70050	Cs-134	0.0048 U	0.0146	0.005	0.0864	1.00 - 5.00
7-00025	70050	Cs-137	-0.0086 U	0.019	0.0059	0.207	1.00 - 5.00
7-00025	70050	Eu-152	-0.0135 U	0.0419	0.0144	0.0566	1.00 - 5.00
7-00025	70050	Eu-154	-0.0387 U	0.107	0.0338	0.15	1.00 - 5.00
7-00025	70050	Eu-155	0.0782 JS	0.0502	0.0253	0.231	1.00 - 5.00
7-00025	70050	Ho-166m	0.007 U	0.028	0.0081	0.0432	1.00 - 5.00
7-00025	70050	K-40	20.8	0.125	1.12	32.4	1.00 - 5.00
7-00025	70050	Na-22	0.0127 J	0.023	0.0071	0.037	1.00 - 5.00
7-00025	70050	Nb-94	0.0026 U	0.0162	0.0047	0.0214	1.00 - 5.00
7-00025	70050	Np-236	-0.021 UJ	0.0277	0.0096	0.047	1.00 - 5.00
7-00025	70050	Np-239	-0.0273 U	0.11	0.0344	0.139	1.00 - 5.00
7-00025	70050	Pa-231	-0.515 UJ	0.686	0.25	0.936	1.00 - 5.00
7-00025	70050	Pb-212	1.32	0.0275	0.0729	2.69	1.00 - 5.00
7-00025	70050	Pb-214	1.02	0.0328	0.048	1.7	1.00 - 5.00
7-00025	70050	Pu-236	0.0074	0.005	0.0037	7.79	1.00 - 5.00
7-00025	70050	Pu-238	0.0055	0.005	0.0032	0.0415	1.00 - 5.00
7-00025	70050	Pu-239/240	0.001 U	0.0144	0.0032	0.0404	1.00 - 5.00
7-00025	70050	Pu-244	0.0023 U	0.0116	0.0029	0.0313	1.00 - 5.00
7-00025	70050	Sb-125	-0.0056 U	0.0409	0.0122	0.354	1.00 - 5.00
7-00025	70050	Sn-126	0.0067 U	0.0183	0.0054	0.0237	1.00 - 5.00
7-00025	70050	Sr-90	-0.0381 U	0.254	0.0677	0.485	1.00 - 5.00
7-00025	70050	Th-228	1.25	0.143	0.123	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00025	70050	Th-229	0 U	0.0791	0.0186	0.145	1.00 - 5.00
7-00025	70050	Th-230	0.808	0.0789	0.0888	2.2	1.00 - 5.00
7-00025	70050	Th-232	1.19	0.0482	0.113	3.1	1.00 - 5.00
7-00025	70050	Th-234	1.45	0.212	0.123	3.19	1.00 - 5.00
7-00025	70050	Tl-208	0.439	0.0151	0.0266	0.937	1.00 - 5.00
7-00025	70050	Tm-171	5.58 J	6.25	2.46	72.4	1.00 - 5.00
7-00025	70050	U-233/234	0.892	0.0125	0.0917	2.02	1.00 - 5.00
7-00025	70050	U-235/236	0.0643	0.0363	0.0207	0.151	1.00 - 5.00
7-00025	70050	U-238	1.02	0.0294	0.102	1.8	1.00 - 5.00
7-00026	70051	Ac-227	-0.0352 U	0.235	0.0703	0.217	0.00 - 0.50
7-00026	70051	Ac-228	1.25	0.121	0.0651	2.4	0.00 - 0.50
7-00026	70051	Am-241	-0.0049 U	0.0367	0.008	0.0454	0.00 - 0.50
7-00026	70051	Bi-212	0.917	0.156	0.0904	2.15	0.00 - 0.50
7-00026	70051	Bi-214	1.05	0.0374	0.0524	1.59	0.00 - 0.50
7-00026	70051	Cd-113m	-48.6 U	156	49.6	3030	0.00 - 0.50
7-00026	70051	Cm-243/244	-0.0009 U	0.0329	0.0075	0.0443	0.00 - 0.50
7-00026	70051	Co-60	-0.0009 U	0.0217	0.0064	0.028	0.00 - 0.50
7-00026	70051	Cs-134	0.0029 U	0.0188	0.0063	0.0864	0.00 - 0.50
7-00026	70051	Cs-137	0.674	0.0217	0.0395	0.207	0.00 - 0.50
7-00026	70051	Eu-152	-0.0411 U	0.0569	0.0215	0.0566	0.00 - 0.50
7-00026	70051	Eu-154	0.0225 U	0.119	0.0393	0.15	0.00 - 0.50
7-00026	70051	Eu-155	0.0955 JS	0.084	0.0336	0.231	0.00 - 0.50
7-00026	70051	H-3	4.37	8.65	2.63	11.9	0.00 - 0.50
7-00026	70051	Ho-166m	0.0012 U	0.0322	0.0095	0.0432	0.00 - 0.50
7-00026	70051	K-40	23.4	0.14	1.41	32.4	0.00 - 0.50
7-00026	70051	Na-22	0.0062 U	0.0267	0.0078	0.037	0.00 - 0.50
7-00026	70051	Nb-94	0.0085 U	0.0192	0.0059	0.0214	0.00 - 0.50
7-00026	70051	Np-236	-0.0068 U	0.0431	0.0133	0.047	0.00 - 0.50
7-00026	70051	Np-239	0.0095 U	0.154	0.0452	0.139	0.00 - 0.50
7-00026	70051	Pa-231	0.28 UJ	0.991	0.308	0.936	0.00 - 0.50
7-00026	70051	Pb-212	1.46	0.0401	0.0987	2.69	0.00 - 0.50
7-00026	70051	Pb-214	1.22	0.0419	0.066	1.7	0.00 - 0.50
7-00026	70051	Pu-236	0.0007 U	0.0155	0.003	7.79	0.00 - 0.50
7-00026	70051	Pu-238	-0.0017 U	0.015	0.0029	0.0415	0.00 - 0.50
7-00026	70051	Pu-239/240	0.01	0.0149	0.0055	0.0404	0.00 - 0.50
7-00026	70051	Pu-244	0.0047	0.0064	0.0033	0.0313	0.00 - 0.50
7-00026	70051	Sb-125	0.0118 U	0.0579	0.0176	0.354	0.00 - 0.50
7-00026	70051	Sn-126	-0.0046 U	0.0205	0.0062	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00026	70051	Sr-90	0.0933 U	0.32	0.0948	0.485	0.00 - 0.50
7-00026	70051	Th-228	1.41 J	0.138	0.155	3.98	0.00 - 0.50
7-00026	70051	Th-229	-0.0099 UJ	0.107	0.0221	0.145	0.00 - 0.50
7-00026	70051	Th-230	0.84	0.0727	0.106	2.2	0.00 - 0.50
7-00026	70051	Th-232	1.34	0.0267	0.143	3.1	0.00 - 0.50
7-00026	70051	Th-234	1.32 J	0.355	0.158	3.19	0.00 - 0.50
7-00026	70051	Tl-208	0.456	0.0207	0.0282	0.937	0.00 - 0.50
7-00026	70051	Tm-171	-3.55 U	18.1	6.12	72.4	0.00 - 0.50
7-00026	70051	U-233/234	0.926	0.0374	0.101	2.02	0.00 - 0.50
7-00026	70051	U-235/236	0.0745	0.0462	0.0252	0.151	0.00 - 0.50
7-00026	70051	U-238	1	0.0159	0.107	1.8	0.00 - 0.50
7-00026	70052	Ac-227	0.0051 U	0.208	0.0642	0.217	1.00 - 2.16
7-00026	70052	Ac-228	1.21	0.0979	0.0584	2.4	1.00 - 2.16
7-00026	70052	Am-241	0.0071	0.0157	0.0049	0.0454	1.00 - 2.16
7-00026	70052	Bi-212	0.819	0.139	0.0762	2.15	1.00 - 2.16
7-00026	70052	Bi-214	0.897	0.0324	0.0433	1.59	1.00 - 2.16
7-00026	70052	Cd-113m	3.62 U	142	43.8	3030	1.00 - 2.16
7-00026	70052	Cm-243/244	0.0066	0.0128	0.0043	0.0443	1.00 - 2.16
7-00026	70052	Co-60	-0.0053 U	0.0181	0.0056	0.028	1.00 - 2.16
7-00026	70052	Cs-134	-0.0021 U	0.0151	0.0052	0.0864	1.00 - 2.16
7-00026	70052	Cs-137	0.227	0.0173	0.0148	0.207	1.00 - 2.16
7-00026	70052	Eu-152	-0.0056 U	0.0505	0.0173	0.0566	1.00 - 2.16
7-00026	70052	Eu-154	-0.0326 U	0.103	0.0324	0.15	1.00 - 2.16
7-00026	70052	Eu-155	0.029 U	0.0773	0.0238	0.231	1.00 - 2.16
7-00026	70052	H-3	2.11 U	8.77	2.62	11.9	1.00 - 2.16
7-00026	70052	Ho-166m	0.0068 U	0.028	0.0083	0.0432	1.00 - 2.16
7-00026	70052	K-40	21.6	0.128	1.35	32.4	1.00 - 2.16
7-00026	70052	Na-22	-0.0153 UJ	0.0219	0.0076	0.037	1.00 - 2.16
7-00026	70052	Nb-94	0.0015 U	0.0155	0.0045	0.0214	1.00 - 2.16
7-00026	70052	Np-236	0.0274 JS	0.042	0.014	0.047	1.00 - 2.16
7-00026	70052	Np-239	-0.0147 U	0.143	0.0441	0.139	1.00 - 2.16
7-00026	70052	Pa-231	-0.477 U	0.839	0.311	0.936	1.00 - 2.16
7-00026	70052	Pb-212	1.35	0.0353	0.0897	2.69	1.00 - 2.16
7-00026	70052	Pb-214	1.04	0.0348	0.0533	1.7	1.00 - 2.16
7-00026	70052	Pu-236	-0.004 UJ	0.0349	0.0074	7.79	1.00 - 2.16
7-00026	70052	Pu-238	0.0049 UJ	0.0341	0.0088	0.0415	1.00 - 2.16
7-00026	70052	Pu-239/240	0.0067	0.0186	0.0055	0.0404	1.00 - 2.16
7-00026	70052	Pu-244	-0.0021 UJ	0.0186	0.0036	0.0313	1.00 - 2.16

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00026	70052	Sb-125	0.0157 U	0.0483	0.0147	0.354	1.00 - 2.16
7-00026	70052	Sn-126	0.0015 U	0.0176	0.0051	0.0237	1.00 - 2.16
7-00026	70052	Sr-90	0.712	0.172	0.106	0.485	1.00 - 2.16
7-00026	70052	Th-228	1.25	0.0866	0.121	3.98	1.00 - 2.16
7-00026	70052	Th-229	0.0281	0.019	0.0141	0.145	1.00 - 2.16
7-00026	70052	Th-230	0.952	0.0516	0.0991	2.2	1.00 - 2.16
7-00026	70052	Th-232	1.25	0.0189	0.118	3.1	1.00 - 2.16
7-00026	70052	Th-234	1.35 J	0.349	0.151	3.19	1.00 - 2.16
7-00026	70052	Tl-208	0.413	0.0174	0.0237	0.937	1.00 - 2.16
7-00026	70052	Tm-171	-1.13 U	19.9	6.59	72.4	1.00 - 2.16
7-00026	70052	U-233/234	0.77	0.0504	0.0873	2.02	1.00 - 2.16
7-00026	70052	U-235/236	0.0757	0.0187	0.0235	0.151	1.00 - 2.16
7-00026	70052	U-238	0.863	0.0151	0.094	1.8	1.00 - 2.16
7-00027	70053	Ac-227	-0.0269 U	0.2	0.0593	0.217	0.00 - 0.50
7-00027	70053	Ac-228	1.29	0.087	0.0609	2.4	0.00 - 0.50
7-00027	70053	Am-241	0.0024 U	0.0117	0.0029	0.0454	0.00 - 0.50
7-00027	70053	Bi-212	0.866	0.121	0.0716	2.15	0.00 - 0.50
7-00027	70053	Bi-214	1.02	0.0303	0.048	1.59	0.00 - 0.50
7-00027	70053	Cd-113m	60.5 U	136	43.2	3030	0.00 - 0.50
7-00027	70053	Cm-243/244	0.0074	0.005	0.0037	0.0443	0.00 - 0.50
7-00027	70053	Co-60	-0.0051 UJ	0.016	0.0048	0.028	0.00 - 0.50
7-00027	70053	Cs-134	0.006 U	0.0154	0.0054	0.0864	0.00 - 0.50
7-00027	70053	Cs-137	2.53	0.0181	0.134	0.207	0.00 - 0.50
7-00027	70053	Eu-152	-0.0445 UJ	0.0488	0.0188	0.0566	0.00 - 0.50
7-00027	70053	Eu-154	0.0033 U	0.0911	0.0269	0.15	0.00 - 0.50
7-00027	70053	Eu-155	0.0728 JS	0.0651	0.0245	0.231	0.00 - 0.50
7-00027	70053	Ho-166m	-0.0043 U	0.0232	0.0069	0.0432	0.00 - 0.50
7-00027	70053	K-40	23.6	0.122	1.33	32.4	0.00 - 0.50
7-00027	70053	Na-22	0.0034 U	0.0197	0.0065	0.037	0.00 - 0.50
7-00027	70053	Nb-94	0.0087 JS	0.0142	0.0045	0.0214	0.00 - 0.50
7-00027	70053	Np-236	-0.015 U	0.0353	0.0115	0.047	0.00 - 0.50
7-00027	70053	Np-239	-0.0329 U	0.133	0.0398	0.139	0.00 - 0.50
7-00027	70053	Pa-231	-0.382 U	0.836	0.266	0.936	0.00 - 0.50
7-00027	70053	Pb-212	1.38	0.0341	0.0833	2.69	0.00 - 0.50
7-00027	70053	Pb-214	1.08	0.0373	0.0534	1.7	0.00 - 0.50
7-00027	70053	Pu-236	0.0092	0.0204	0.0064	7.79	0.00 - 0.50
7-00027	70053	Pu-238	0.0007 U	0.016	0.0031	0.0415	0.00 - 0.50
7-00027	70053	Pu-239/240	0.0064 U	0.0198	0.0056	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00027	70053	Pu-244	0.0032 U	0.016	0.004	0.0313	0.00 - 0.50
7-00027	70053	Sb-125	-0.0108 U	0.0521	0.016	0.354	0.00 - 0.50
7-00027	70053	Sn-126	0.0017 U	0.0152	0.0044	0.0237	0.00 - 0.50
7-00027	70053	Sr-90	-0.0845 U	0.252	0.062	0.485	0.00 - 0.50
7-00027	70053	Th-228	1.33	0.142	0.127	3.98	0.00 - 0.50
7-00027	70053	Th-229	0 U	0.0767	0.0181	0.145	0.00 - 0.50
7-00027	70053	Th-230	0.943	0.0765	0.0965	2.2	0.00 - 0.50
7-00027	70053	Th-232	1.25	0.0468	0.115	3.1	0.00 - 0.50
7-00027	70053	Th-234	1.6	0.269	0.155	3.19	0.00 - 0.50
7-00027	70053	Tl-208	0.431	0.0167	0.0248	0.937	0.00 - 0.50
7-00027	70053	Tm-171	-2.11 U	10.6	3.6	72.4	0.00 - 0.50
7-00027	70053	U-233/234	0.913	0.0141	0.096	2.02	0.00 - 0.50
7-00027	70053	U-235/236	0.0258	0.0174	0.013	0.151	0.00 - 0.50
7-00027	70053	U-238	0.69	0.0411	0.0788	1.8	0.00 - 0.50
7-00028	70055	Ac-227	-0.0412 U	0.195	0.0614	0.217	0.00 - 0.50
7-00028	70055	Ac-228	0.984	0.111	0.0509	2.4	0.00 - 0.50
7-00028	70055	Am-241	-0.0002 U	0.0419	0.0106	0.0454	0.00 - 0.50
7-00028	70055	Bi-212	0.764 J	0.15	0.0784	2.15	0.00 - 0.50
7-00028	70055	Bi-214	0.561	0.0365	0.0329	1.59	0.00 - 0.50
7-00028	70055	Cd-113m	30.3 U	132	40.9	3030	0.00 - 0.50
7-00028	70055	Cm-243/244	0.0106	0.0258	0.0078	0.0443	0.00 - 0.50
7-00028	70055	Co-60	0.0046 U	0.0205	0.0058	0.028	0.00 - 0.50
7-00028	70055	Cs-134	0.0066 U	0.0181	0.0062	0.0864	0.00 - 0.50
7-00028	70055	Cs-137	1.29	0.0202	0.0707	0.207	0.00 - 0.50
7-00028	70055	Eu-152	-0.001 U	0.0512	0.0149	0.0566	0.00 - 0.50
7-00028	70055	Eu-154	-0.086 UJ	0.118	0.0421	0.15	0.00 - 0.50
7-00028	70055	Eu-155	0.0386 JS	0.054	0.0188	0.231	0.00 - 0.50
7-00028	70055	H-3	3.57 U	9.21	2.79	11.9	0.00 - 0.50
7-00028	70055	Ho-166m	0.0036 U	0.0301	0.0086	0.0432	0.00 - 0.50
7-00028	70055	K-40	21.3	0.154	1.17	32.4	0.00 - 0.50
7-00028	70055	Na-22	0.0011 U	0.0262	0.0075	0.037	0.00 - 0.50
7-00028	70055	Nb-94	0.0045 U	0.0177	0.0051	0.0214	0.00 - 0.50
7-00028	70055	Np-236	-0.0049 U	0.0298	0.0089	0.047	0.00 - 0.50
7-00028	70055	Np-239	-0.0156 U	0.124	0.0382	0.139	0.00 - 0.50
7-00028	70055	Pa-231	0.0117 UJ	0.818	0.253	0.936	0.00 - 0.50
7-00028	70055	Pb-212	1.12	0.033	0.0638	2.69	0.00 - 0.50
7-00028	70055	Pb-214	0.566	0.0358	0.0319	1.7	0.00 - 0.50
7-00028	70055	Pu-236	-0.0014 U	0.0244	0.0044	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00028	70055	Pu-238	0.0017 U	0.0236	0.0052	0.0415	0.00 - 0.50
7-00028	70055	Pu-239/240	0.0187	0.019	0.0082	0.0404	0.00 - 0.50
7-00028	70055	Pu-244	0.006	0.0081	0.0042	0.0313	0.00 - 0.50
7-00028	70055	Sb-125	-0.003 U	0.0544	0.0161	0.354	0.00 - 0.50
7-00028	70055	Sn-126	-0.0009 U	0.0199	0.0057	0.0237	0.00 - 0.50
7-00028	70055	Sr-90	0.299	0.257	0.0923	0.485	0.00 - 0.50
7-00028	70055	Th-228	1.07	0.12	0.116	3.98	0.00 - 0.50
7-00028	70055	Th-229	0.127	0.0695	0.0351	0.145	0.00 - 0.50
7-00028	70055	Th-230	0.358	0.0549	0.0569	2.2	0.00 - 0.50
7-00028	70055	Th-232	0.796	0.0691	0.0917	3.1	0.00 - 0.50
7-00028	70055	Th-234	0.917 J	0.209	0.105	3.19	0.00 - 0.50
7-00028	70055	Tl-208	0.349	0.0205	0.0222	0.937	0.00 - 0.50
7-00028	70055	Tm-171	-1.67 U	6.54	2.14	72.4	0.00 - 0.50
7-00028	70055	U-233/234	0.457	0.0433	0.056	2.02	0.00 - 0.50
7-00028	70055	U-235/236	0.0175	0.034	0.0114	0.151	0.00 - 0.50
7-00028	70055	U-238	0.442	0.034	0.0544	1.8	0.00 - 0.50
7-00028	70056	Ac-227	-0.0516 U	0.177	0.0546	0.217	1.00 - 5.00
7-00028	70056	Ac-228	1.28	0.0895	0.0608	2.4	1.00 - 5.00
7-00028	70056	Am-241	0.006	0.0116	0.0039	0.0454	1.00 - 5.00
7-00028	70056	Bi-212	0.844	0.115	0.0679	2.15	1.00 - 5.00
7-00028	70056	Bi-214	0.875	0.0269	0.0426	1.59	1.00 - 5.00
7-00028	70056	Cd-113m	0.0969 U	118	36.3	3030	1.00 - 5.00
7-00028	70056	Cm-243/244	0.0042	0.0117	0.0035	0.0443	1.00 - 5.00
7-00028	70056	Co-60	0.0016 U	0.0162	0.0048	0.028	1.00 - 5.00
7-00028	70056	Cs-134	0.0028 U	0.0132	0.0044	0.0864	1.00 - 5.00
7-00028	70056	Cs-137	-0.0043 U	0.0152	0.0053	0.207	1.00 - 5.00
7-00028	70056	Eu-152	-0.036 UJ	0.0414	0.0171	0.0566	1.00 - 5.00
7-00028	70056	Eu-154	-0.0818 UJ	0.0815	0.0323	0.15	1.00 - 5.00
7-00028	70056	Eu-155	0.0796 JS	0.0612	0.0252	0.231	1.00 - 5.00
7-00028	70056	Ho-166m	0.0034 U	0.0245	0.0071	0.0432	1.00 - 5.00
7-00028	70056	K-40	21.4	0.112	1.22	32.4	1.00 - 5.00
7-00028	70056	Na-22	-0.0013 U	0.0192	0.0058	0.037	1.00 - 5.00
7-00028	70056	Nb-94	0.0076 JS	0.0141	0.0044	0.0214	1.00 - 5.00
7-00028	70056	Np-236	0.0128 U	0.0348	0.0105	0.047	1.00 - 5.00
7-00028	70056	Np-239	-0.0117 U	0.12	0.0358	0.139	1.00 - 5.00
7-00028	70056	Pa-231	-0.222 U	0.718	0.231	0.936	1.00 - 5.00
7-00028	70056	Pb-212	1.35	0.03	0.0854	2.69	1.00 - 5.00
7-00028	70056	Pb-214	1.02	0.0293	0.051	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00028	70056	Pu-236	-0.0046 U	0.0342	0.0075	7.79	1.00 - 5.00
7-00028	70056	Pu-238	0.005 U	0.0315	0.0083	0.0415	1.00 - 5.00
7-00028	70056	Pu-239/240	0.0021 U	0.0229	0.0054	0.0404	1.00 - 5.00
7-00028	70056	Pu-244	0.0076	0.0069	0.0044	0.0313	1.00 - 5.00
7-00028	70056	Sb-125	-0.0012 U	0.0405	0.0123	0.354	1.00 - 5.00
7-00028	70056	Sn-126	0.0041 U	0.0153	0.0045	0.0237	1.00 - 5.00
7-00028	70056	Sr-90	0.272	0.214	0.0788	0.485	1.00 - 5.00
7-00028	70056	Th-228	1.3	0.123	0.118	3.98	1.00 - 5.00
7-00028	70056	Th-229	0.0332	0.0725	0.0222	0.145	1.00 - 5.00
7-00028	70056	Th-230	0.949	0.0594	0.0907	2.2	1.00 - 5.00
7-00028	70056	Th-232	1.13	0.0149	0.101	3.1	1.00 - 5.00
7-00028	70056	Th-234	1.72	0.271	0.166	3.19	1.00 - 5.00
7-00028	70056	Tl-208	0.451	0.0146	0.0258	0.937	1.00 - 5.00
7-00028	70056	Tm-171	-7.63 U	11.1	4.32	72.4	1.00 - 5.00
7-00028	70056	U-233/234	1.01	0.0422	0.104	2.02	1.00 - 5.00
7-00028	70056	U-235/236	0.0662	0.0179	0.0215	0.151	1.00 - 5.00
7-00028	70056	U-238	1	0.0145	0.104	1.8	1.00 - 5.00
7-00029	70057	Ac-227	-0.0298 U	0.201	0.0605	0.217	0.00 - 0.50
7-00029	70057	Ac-228	0.993	0.0839	0.0494	2.4	0.00 - 0.50
7-00029	70057	Am-241	0.0104	0.0245	0.0075	0.0454	0.00 - 0.50
7-00029	70057	Bi-212	0.698	0.119	0.0694	2.15	0.00 - 0.50
7-00029	70057	Bi-214	0.683	0.0303	0.0344	1.59	0.00 - 0.50
7-00029	70057	Cd-113m	-23.9 U	134	40.5	3030	0.00 - 0.50
7-00029	70057	Cm-243/244	0.0124	0.0215	0.0073	0.0443	0.00 - 0.50
7-00029	70057	Co-60	-0.0065 U	0.0164	0.0051	0.028	0.00 - 0.50
7-00029	70057	Cs-134	0.0052 U	0.015	0.0052	0.0864	0.00 - 0.50
7-00029	70057	Cs-137	1.81	0.0174	0.0993	0.207	0.00 - 0.50
7-00029	70057	Eu-152	-0.0018 U	0.0516	0.0179	0.0566	0.00 - 0.50
7-00029	70057	Eu-154	0.0291 U	0.0945	0.028	0.15	0.00 - 0.50
7-00029	70057	Eu-155	0.0789 JS	0.0702	0.0281	0.231	0.00 - 0.50
7-00029	70057	Ho-166m	0.0048 U	0.0244	0.0073	0.0432	0.00 - 0.50
7-00029	70057	K-40	20.1	0.12	1.27	32.4	0.00 - 0.50
7-00029	70057	Na-22	-0.0056 U	0.0195	0.0061	0.037	0.00 - 0.50
7-00029	70057	Nb-94	0.0026 U	0.0144	0.0043	0.0214	0.00 - 0.50
7-00029	70057	Np-236	-0.0003 U	0.0367	0.0112	0.047	0.00 - 0.50
7-00029	70057	Np-239	0.018 U	0.133	0.0395	0.139	0.00 - 0.50
7-00029	70057	Pa-231	0.139 UJ	0.827	0.257	0.936	0.00 - 0.50
7-00029	70057	Pb-212	1.13	0.0342	0.0691	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00029	70057	Pb-214	0.722	0.037	0.0375	1.7	0.00 - 0.50
7-00029	70057	Pu-236	-0.0022 U	0.0266	0.0059	7.79	0.00 - 0.50
7-00029	70057	Pu-238	0.0056 U	0.0242	0.0066	0.0415	0.00 - 0.50
7-00029	70057	Pu-239/240	0.0103	0.0056	0.0047	0.0404	0.00 - 0.50
7-00029	70057	Pu-244	0.0103 J	0.0056	0.0047	0.0313	0.00 - 0.50
7-00029	70057	Sb-125	0.0051 U	0.05	0.0145	0.354	0.00 - 0.50
7-00029	70057	Sn-126	-0.0036 U	0.0157	0.0048	0.0237	0.00 - 0.50
7-00029	70057	Sr-90	0.93	0.264	0.145	0.485	0.00 - 0.50
7-00029	70057	Th-228	1.02	0.115	0.111	3.98	0.00 - 0.50
7-00029	70057	Th-229	0.296	0.0531	0.0505	0.145	0.00 - 0.50
7-00029	70057	Th-230	0.597	0.053	0.0753	2.2	0.00 - 0.50
7-00029	70057	Th-232	0.911	0.0194	0.0975	3.1	0.00 - 0.50
7-00029	70057	Th-234	1.1 J	0.275	0.143	3.19	0.00 - 0.50
7-00029	70057	Tl-208	0.357	0.0161	0.0212	0.937	0.00 - 0.50
7-00029	70057	Tm-171	-3.6 U	14.5	4.95	72.4	0.00 - 0.50
7-00029	70057	U-233/234	0.433	0.0422	0.0555	2.02	0.00 - 0.50
7-00029	70057	U-235/236	0.0477	0.0367	0.0181	0.151	0.00 - 0.50
7-00029	70057	U-238	0.735	0.0368	0.0793	1.8	0.00 - 0.50
7-00029	70058	Ac-227	-0.0328 U	0.181	0.0559	0.217	1.00 - 2.50
7-00029	70058	Ac-228	1.16	0.0907	0.0573	2.4	1.00 - 2.50
7-00029	70058	Am-241	0.0011 U	0.0148	0.0033	0.0454	1.00 - 2.50
7-00029	70058	Bi-212	0.759	0.123	0.0748	2.15	1.00 - 2.50
7-00029	70058	Bi-214	0.798	0.027	0.0392	1.59	1.00 - 2.50
7-00029	70058	Cd-113m	12.4 U	121	39.8	3030	1.00 - 2.50
7-00029	70058	Cm-243/244	0.0019	0.0051	0.0019	0.0443	1.00 - 2.50
7-00029	70058	Co-60	0.0126 J	0.0176	0.0056	0.028	1.00 - 2.50
7-00029	70058	Cs-134	0.0015 U	0.0136	0.0046	0.0864	1.00 - 2.50
7-00029	70058	Cs-137	-0.0031 U	0.0163	0.0049	0.207	1.00 - 2.50
7-00029	70058	Eu-152	-0.031 U	0.0427	0.0183	0.0566	1.00 - 2.50
7-00029	70058	Eu-154	-0.026 U	0.09	0.0283	0.15	1.00 - 2.50
7-00029	70058	Eu-155	0.0629 JS	0.0653	0.0254	0.231	1.00 - 2.50
7-00029	70058	Ho-166m	-0.0036 U	0.0248	0.0075	0.0432	1.00 - 2.50
7-00029	70058	K-40	22.2	0.112	1.29	32.4	1.00 - 2.50
7-00029	70058	Na-22	-0.0095 U	0.0189	0.0061	0.037	1.00 - 2.50
7-00029	70058	Nb-94	0.0042 U	0.0144	0.0043	0.0214	1.00 - 2.50
7-00029	70058	Np-236	-0.0226 U	0.0358	0.0124	0.047	1.00 - 2.50
7-00029	70058	Np-239	0.0283 U	0.125	0.0383	0.139	1.00 - 2.50
7-00029	70058	Pa-231	0.133 U	0.772	0.244	0.936	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00029	70058	Pb-212	1.29	0.0313	0.0783	2.69	1.00 - 2.50
7-00029	70058	Pb-214	0.84	0.0321	0.0414	1.7	1.00 - 2.50
7-00029	70058	Pu-236	-0.0066 U	0.0276	0.0049	7.79	1.00 - 2.50
7-00029	70058	Pu-238	0.0008 U	0.0188	0.0036	0.0415	1.00 - 2.50
7-00029	70058	Pu-239/240	0.0008 U	0.0188	0.0036	0.0404	1.00 - 2.50
7-00029	70058	Pu-244	0.0059	0.008	0.0042	0.0313	1.00 - 2.50
7-00029	70058	Sb-125	0.0114 U	0.0413	0.0122	0.354	1.00 - 2.50
7-00029	70058	Sn-126	0.007 U	0.0165	0.0051	0.0237	1.00 - 2.50
7-00029	70058	Sr-90	0.116 U	0.274	0.0832	0.485	1.00 - 2.50
7-00029	70058	Th-228	1.29	0.0866	0.125	3.98	1.00 - 2.50
7-00029	70058	Th-229	0.0138 U	0.0508	0.0138	0.145	1.00 - 2.50
7-00029	70058	Th-230	0.702	0.0187	0.0812	2.2	1.00 - 2.50
7-00029	70058	Th-232	1.09	0.0505	0.109	3.1	1.00 - 2.50
7-00029	70058	Th-234	1.15 J	0.288	0.141	3.19	1.00 - 2.50
7-00029	70058	Tl-208	0.379	0.0156	0.0224	0.937	1.00 - 2.50
7-00029	70058	Tm-171	-9.47 U	13.1	5.27	72.4	1.00 - 2.50
7-00029	70058	U-233/234	0.894	0.0469	0.0953	2.02	1.00 - 2.50
7-00029	70058	U-235/236	0.0769	0.0174	0.0229	0.151	1.00 - 2.50
7-00029	70058	U-238	0.804	0.0141	0.0877	1.8	1.00 - 2.50
7-00030	70059	Ac-227	0.0776 U	0.245	0.0746	0.217	0.00 - 0.50
7-00030	70059	Ac-228	1.22	0.108	0.0622	2.4	0.00 - 0.50
7-00030	70059	Am-241	0.0032 U	0.0117	0.0032	0.0454	0.00 - 0.50
7-00030	70059	Bi-212	0.845	0.157	0.0818	2.15	0.00 - 0.50
7-00030	70059	Bi-214	1.09	0.037	0.0514	1.59	0.00 - 0.50
7-00030	70059	Cd-113m	-89.8 U	156	51.9	3030	0.00 - 0.50
7-00030	70059	Cm-243/244	0.0143	0.0043	0.0048	0.0443	0.00 - 0.50
7-00030	70059	Co-60	-0.0034 U	0.0218	0.0066	0.028	0.00 - 0.50
7-00030	70059	Cs-134	0.0063 U	0.0189	0.0065	0.0864	0.00 - 0.50
7-00030	70059	Cs-137	1.45 J	0.0196	0.0782	0.207	0.00 - 0.50
7-00030	70059	Eu-152	-0.0068 U	0.0617	0.0195	0.0566	0.00 - 0.50
7-00030	70059	Eu-154	0.0194 U	0.113	0.0327	0.15	0.00 - 0.50
7-00030	70059	Eu-155	0.0686 JS	0.0827	0.0304	0.231	0.00 - 0.50
7-00030	70059	Ho-166m	0.003 U	0.0308	0.0091	0.0432	0.00 - 0.50
7-00030	70059	K-40	21.3	0.144	1.32	32.4	0.00 - 0.50
7-00030	70059	Na-22	-0.0012 U	0.0251	0.0075	0.037	0.00 - 0.50
7-00030	70059	Nb-94	-0.0016 U	0.0164	0.0049	0.0214	0.00 - 0.50
7-00030	70059	Np-236	-0.0051 U	0.0443	0.0137	0.047	0.00 - 0.50
7-00030	70059	Np-239	0.0075 U	0.161	0.0476	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00030	70059	Pa-231	-0.625 U	0.982	0.335	0.936	0.00 - 0.50
7-00030	70059	Pb-212	1.44	0.0413	0.0933	2.69	0.00 - 0.50
7-00030	70059	Pb-214	1.2	0.0434	0.0598	1.7	0.00 - 0.50
7-00030	70059	Pu-236	-0.0032 UJ	0.0577	0.0125	7.79	0.00 - 0.50
7-00030	70059	Pu-238	0.0006 UJ	0.0512	0.0115	0.0415	0.00 - 0.50
7-00030	70059	Pu-239/240	0.0051	0.0138	0.0051	0.0404	0.00 - 0.50
7-00030	70059	Pu-244	0.0051	0.0138	0.0051	0.0313	0.00 - 0.50
7-00030	70059	Sb-125	0.0118 U	0.0606	0.0186	0.354	0.00 - 0.50
7-00030	70059	Sn-126	0.0152 J	0.02	0.0067	0.0237	0.00 - 0.50
7-00030	70059	Sr-90	0.696	0.249	0.123	0.485	0.00 - 0.50
7-00030	70059	Th-228	1.13	0.124	0.116	3.98	0.00 - 0.50
7-00030	70059	Th-229	0.0603	0.0182	0.0204	0.145	0.00 - 0.50
7-00030	70059	Th-230	0.803	0.0181	0.0873	2.2	0.00 - 0.50
7-00030	70059	Th-232	1.03	0.0181	0.103	3.1	0.00 - 0.50
7-00030	70059	Th-234	1.79 J	0.351	0.224	3.19	0.00 - 0.50
7-00030	70059	Tl-208	0.432	0.0208	0.026	0.937	0.00 - 0.50
7-00030	70059	Tm-171	-10.8 U	19.3	7.09	72.4	0.00 - 0.50
7-00030	70059	U-233/234	0.768	0.0186	0.093	2.02	0.00 - 0.50
7-00030	70059	U-235/236	0.0593	0.023	0.0229	0.151	0.00 - 0.50
7-00030	70059	U-238	0.876	0.0621	0.103	1.8	0.00 - 0.50
7-00030	70060	Ac-227	0.093 J	0.173	0.0562	0.217	1.00 - 5.00
7-00030	70060	Ac-228	1.24	0.0817	0.06	2.4	1.00 - 5.00
7-00030	70060	Am-241	0.0075	0.0145	0.0049	0.0454	1.00 - 5.00
7-00030	70060	Bi-212	0.839	0.115	0.0673	2.15	1.00 - 5.00
7-00030	70060	Bi-214	0.951	0.0255	0.0441	1.59	1.00 - 5.00
7-00030	70060	Cd-113m	25.3 U	115	35.1	3030	1.00 - 5.00
7-00030	70060	Cm-243/244	0.0088	0.0207	0.0063	0.0443	1.00 - 5.00
7-00030	70060	Co-60	0.0042 U	0.0163	0.0049	0.028	1.00 - 5.00
7-00030	70060	Cs-134	-0.0084 U	0.0128	0.005	0.0864	1.00 - 5.00
7-00030	70060	Cs-137	0.211	0.0152	0.0133	0.207	1.00 - 5.00
7-00030	70060	Eu-152	-0.0186 U	0.0415	0.0156	0.0566	1.00 - 5.00
7-00030	70060	Eu-154	-0.0434 U	0.0829	0.0311	0.15	1.00 - 5.00
7-00030	70060	Eu-155	0.0514 JS	0.0607	0.021	0.231	1.00 - 5.00
7-00030	70060	Ho-166m	-0.0052 U	0.0233	0.0072	0.0432	1.00 - 5.00
7-00030	70060	K-40	21.5	0.111	1.28	32.4	1.00 - 5.00
7-00030	70060	Na-22	-0.0024 U	0.0189	0.0057	0.037	1.00 - 5.00
7-00030	70060	Nb-94	-0.0022 U	0.0133	0.0041	0.0214	1.00 - 5.00
7-00030	70060	Np-236	-0.0135 U	0.0329	0.0106	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00030	70060	Np-239	0.0402 U	0.117	0.0364	0.139	1.00 - 5.00
7-00030	70060	Pa-231	-0.25 U	0.714	0.236	0.936	1.00 - 5.00
7-00030	70060	Pb-212	1.35	0.0297	0.0826	2.69	1.00 - 5.00
7-00030	70060	Pb-214	1.06	0.0308	0.0519	1.7	1.00 - 5.00
7-00030	70060	Pu-236	-0.0011 U	0.0202	0.0037	7.79	1.00 - 5.00
7-00030	70060	Pu-238	0.0014 U	0.0195	0.0043	0.0415	1.00 - 5.00
7-00030	70060	Pu-239/240	-0.0011 U	0.0195	0.0035	0.0404	1.00 - 5.00
7-00030	70060	Pu-244	0.0099	0.0067	0.005	0.0313	1.00 - 5.00
7-00030	70060	Sb-125	-0.0238 U	0.0398	0.0132	0.354	1.00 - 5.00
7-00030	70060	Sn-126	0.0066 U	0.0152	0.0047	0.0237	1.00 - 5.00
7-00030	70060	Sr-90	0.332	0.234	0.0885	0.485	1.00 - 5.00
7-00030	70060	Th-228	1.1	0.0898	0.103	3.98	1.00 - 5.00
7-00030	70060	Th-229	0 U	0.0764	0.0188	0.145	1.00 - 5.00
7-00030	70060	Th-230	0.978	0.0398	0.0917	2.2	1.00 - 5.00
7-00030	70060	Th-232	1.03	0.058	0.0954	3.1	1.00 - 5.00
7-00030	70060	Th-234	1.3	0.255	0.124	3.19	1.00 - 5.00
7-00030	70060	Tl-208	0.392	0.0146	0.0223	0.937	1.00 - 5.00
7-00030	70060	Tm-171	-1.57 U	10.3	3.65	72.4	1.00 - 5.00
7-00030	70060	U-233/234	0.762	0.0374	0.0879	2.02	1.00 - 5.00
7-00030	70060	U-235/236	0.0528	0.0462	0.0215	0.151	1.00 - 5.00
7-00030	70060	U-238	0.903	0.0159	0.099	1.8	1.00 - 5.00
7-00031	70061	Ac-227	-0.0596 U	0.195	0.0602	0.217	0.00 - 0.50
7-00031	70061	Ac-228	1.06	0.0929	0.0525	2.4	0.00 - 0.50
7-00031	70061	Am-241	0.0123	0.0229	0.0074	0.0454	0.00 - 0.50
7-00031	70061	Bi-212	0.701 J	0.19	0.177	2.15	0.00 - 0.50
7-00031	70061	Bi-214	0.786	0.0318	0.0385	1.59	0.00 - 0.50
7-00031	70061	Cd-113m	20.7 U	132	39.6	3030	0.00 - 0.50
7-00031	70061	Cm-243/244	0.0014 U	0.0201	0.0044	0.0443	0.00 - 0.50
7-00031	70061	Co-60	0.0022 U	0.0181	0.0052	0.028	0.00 - 0.50
7-00031	70061	Cs-134	0.0192 JS	0.0163	0.0069	0.0864	0.00 - 0.50
7-00031	70061	Cs-137	0.684	0.0168	0.0398	0.207	0.00 - 0.50
7-00031	70061	Eu-152	-0.0132 U	0.0475	0.017	0.0566	0.00 - 0.50
7-00031	70061	Eu-154	0.0287 U	0.101	0.0297	0.15	0.00 - 0.50
7-00031	70061	Eu-155	0.0523 JS	0.0657	0.0282	0.231	0.00 - 0.50
7-00031	70061	Ho-166m	-0.0036 U	0.0255	0.0078	0.0432	0.00 - 0.50
7-00031	70061	K-40	21.9	0.125	1.38	32.4	0.00 - 0.50
7-00031	70061	Na-22	-0.0005 U	0.0208	0.0073	0.037	0.00 - 0.50
7-00031	70061	Nb-94	0 U	0.0142	0.0043	0.0214	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00031	70061	Np-236	-0.0108 U	0.0363	0.0115	0.047	0.00 - 0.50
7-00031	70061	Np-239	0.0723 J	0.132	0.0422	0.139	0.00 - 0.50
7-00031	70061	Pa-231	0.209 UJ	0.807	0.253	0.936	0.00 - 0.50
7-00031	70061	Pb-212	1.25	0.0341	0.0765	2.69	0.00 - 0.50
7-00031	70061	Pb-214	0.888	0.0344	0.0438	1.7	0.00 - 0.50
7-00031	70061	Pu-236	-0.0017 U	0.0305	0.0066	7.79	0.00 - 0.50
7-00031	70061	Pu-238	0.0057 U	0.0271	0.0072	0.0415	0.00 - 0.50
7-00031	70061	Pu-239/240	0.0297	0.0073	0.0091	0.0404	0.00 - 0.50
7-00031	70061	Pu-244	0.0027	0.0073	0.0027	0.0313	0.00 - 0.50
7-00031	70061	Sb-125	0.0038 U	0.0466	0.0135	0.354	0.00 - 0.50
7-00031	70061	Sn-126	0.0002 U	0.0163	0.0049	0.0237	0.00 - 0.50
7-00031	70061	Sr-90	0.0588 U	0.351	0.102	0.485	0.00 - 0.50
7-00031	70061	Th-228	1.26	0.021	0.123	3.98	0.00 - 0.50
7-00031	70061	Th-229	0.0145	0.0197	0.0103	0.145	0.00 - 0.50
7-00031	70061	Th-230	0.704	0.0197	0.0824	2.2	0.00 - 0.50
7-00031	70061	Th-232	1.02	0.0533	0.105	3.1	0.00 - 0.50
7-00031	70061	Th-234	1.34 J	0.294	0.16	3.19	0.00 - 0.50
7-00031	70061	Tl-208	0.357	0.0177	0.021	0.937	0.00 - 0.50
7-00031	70061	Tm-171	9.59 J	15.2	5.49	72.4	0.00 - 0.50
7-00031	70061	U-233/234	0.609	0.0404	0.0719	2.02	0.00 - 0.50
7-00031	70061	U-235/236	0.0271	0.0404	0.015	0.151	0.00 - 0.50
7-00031	70061	U-238	0.832	0.0327	0.0893	1.8	0.00 - 0.50
7-00031	70062	Ac-227	0.0048 U	0.179	0.0528	0.217	1.00 - 5.00
7-00031	70062	Ac-228	1.26	0.102	0.06	2.4	1.00 - 5.00
7-00031	70062	Am-241	0.0088	0.006	0.0044	0.0454	1.00 - 5.00
7-00031	70062	Bi-212	0.955	0.125	0.0749	2.15	1.00 - 5.00
7-00031	70062	Bi-214	0.987	0.0295	0.0471	1.59	1.00 - 5.00
7-00031	70062	Cd-113m	-27.4 U	117	36.6	3030	1.00 - 5.00
7-00031	70062	Cm-243/244	0.005	0.0141	0.0042	0.0443	1.00 - 5.00
7-00031	70062	Co-60	0.0064 U	0.0181	0.0054	0.028	1.00 - 5.00
7-00031	70062	Cs-134	-0.0019 U	0.0148	0.005	0.0864	1.00 - 5.00
7-00031	70062	Cs-137	-0.0197 UJ	0.0168	0.007	0.207	1.00 - 5.00
7-00031	70062	Eu-152	0.0181 U	0.0442	0.0164	0.0566	1.00 - 5.00
7-00031	70062	Eu-154	-0.0331 U	0.102	0.031	0.15	1.00 - 5.00
7-00031	70062	Eu-155	0.0405 JS	0.0618	0.0209	0.231	1.00 - 5.00
7-00031	70062	Ho-166m	0.0027 U	0.0267	0.0079	0.0432	1.00 - 5.00
7-00031	70062	K-40	21.6	0.126	1.17	32.4	1.00 - 5.00
7-00031	70062	Na-22	0.0007 U	0.021	0.0062	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00031	70062	Nb-94	-0.0008 U	0.0151	0.0045	0.0214	1.00 - 5.00
7-00031	70062	Np-236	-0.007 U	0.0344	0.0106	0.047	1.00 - 5.00
7-00031	70062	Np-239	0.0479 U	0.121	0.0369	0.139	1.00 - 5.00
7-00031	70062	Pa-231	-0.0116 U	0.768	0.228	0.936	1.00 - 5.00
7-00031	70062	Pb-212	1.32	0.0296	0.0761	2.69	1.00 - 5.00
7-00031	70062	Pb-214	1.13	0.0319	0.054	1.7	1.00 - 5.00
7-00031	70062	Pu-236	-0.0015 U	0.0133	0.0026	7.79	1.00 - 5.00
7-00031	70062	Pu-238	-0.0007 U	0.0241	0.0055	0.0415	1.00 - 5.00
7-00031	70062	Pu-239/240	0.0062	0.0056	0.0036	0.0404	1.00 - 5.00
7-00031	70062	Pu-244	0.0041	0.0056	0.0029	0.0313	1.00 - 5.00
7-00031	70062	Sb-125	0.0107 U	0.0418	0.0127	0.354	1.00 - 5.00
7-00031	70062	Sn-126	-0.0041 U	0.017	0.0052	0.0237	1.00 - 5.00
7-00031	70062	Sr-90	0.0372 U	0.215	0.0618	0.485	1.00 - 5.00
7-00031	70062	Th-228	1.36	0.053	0.113	3.98	1.00 - 5.00
7-00031	70062	Th-229	0.0145	0.0131	0.0084	0.145	1.00 - 5.00
7-00031	70062	Th-230	0.912	0.0519	0.0847	2.2	1.00 - 5.00
7-00031	70062	Th-232	1.19	0.0354	0.101	3.1	1.00 - 5.00
7-00031	70062	Th-234	1.77	0.272	0.16	3.19	1.00 - 5.00
7-00031	70062	Tl-208	0.415	0.0163	0.0247	0.937	1.00 - 5.00
7-00031	70062	Tm-171	4.07 U	10.7	3.66	72.4	1.00 - 5.00
7-00031	70062	U-233/234	1.06	0.0139	0.107	2.02	1.00 - 5.00
7-00031	70062	U-235/236	0.048	0.0501	0.0204	0.151	1.00 - 5.00
7-00031	70062	U-238	1.06	0.0139	0.107	1.8	1.00 - 5.00
7-00032	70063	Ac-227	0.0363 U	0.204	0.0612	0.217	0.00 - 0.50
7-00032	70063	Ac-228	1.14	0.0899	0.0555	2.4	0.00 - 0.50
7-00032	70063	Am-241	0.0186	0.0283	0.0095	0.0454	0.00 - 0.50
7-00032	70063	Bi-212	0.859	0.124	0.078	2.15	0.00 - 0.50
7-00032	70063	Bi-214	0.906	0.0308	0.0436	1.59	0.00 - 0.50
7-00032	70063	Cd-113m	5.27 U	135	41.8	3030	0.00 - 0.50
7-00032	70063	Cm-243/244	-0.0019 U	0.0318	0.0074	0.0443	0.00 - 0.50
7-00032	70063	Co-60	0.0056 U	0.0169	0.0051	0.028	0.00 - 0.50
7-00032	70063	Cs-134	0.0105 JS	0.0156	0.0056	0.0864	0.00 - 0.50
7-00032	70063	Cs-137	1.74	0.0189	0.0936	0.207	0.00 - 0.50
7-00032	70063	Eu-152	-0.0332 U	0.0502	0.0174	0.0566	0.00 - 0.50
7-00032	70063	Eu-154	-0.0499 U	0.0877	0.0294	0.15	0.00 - 0.50
7-00032	70063	Eu-155	0.107 JS	0.0678	0.0248	0.231	0.00 - 0.50
7-00032	70063	Ho-166m	0.0056 U	0.0253	0.0074	0.0432	0.00 - 0.50
7-00032	70063	K-40	23.5	0.119	1.34	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00032	70063	Na-22	-0.003 U	0.0197	0.007	0.037	0.00 - 0.50
7-00032	70063	Nb-94	0.0061 U	0.0145	0.0044	0.0214	0.00 - 0.50
7-00032	70063	Np-236	0.0083 U	0.0377	0.0111	0.047	0.00 - 0.50
7-00032	70063	Np-239	0.0232 U	0.133	0.0398	0.139	0.00 - 0.50
7-00032	70063	Pa-231	0.43 J	0.848	0.27	0.936	0.00 - 0.50
7-00032	70063	Pb-212	1.28	0.0345	0.0814	2.69	0.00 - 0.50
7-00032	70063	Pb-214	0.985	0.0364	0.0499	1.7	0.00 - 0.50
7-00032	70063	Pu-236	-0.0032 U	0.0297	0.0068	7.79	0.00 - 0.50
7-00032	70063	Pu-238	0.0035 U	0.0245	0.0063	0.0415	0.00 - 0.50
7-00032	70063	Pu-239/240	0.0206	0.0189	0.0078	0.0404	0.00 - 0.50
7-00032	70063	Pu-244	0.0027 U	0.0133	0.0033	0.0313	0.00 - 0.50
7-00032	70063	Sb-125	0.0058 U	0.0514	0.0156	0.354	0.00 - 0.50
7-00032	70063	Sn-126	-0.004 U	0.0153	0.0046	0.0237	0.00 - 0.50
7-00032	70063	Sr-90	0.154 U	0.325	0.0997	0.485	0.00 - 0.50
7-00032	70063	Th-228	0.988	0.139	0.116	3.98	0.00 - 0.50
7-00032	70063	Th-229	0.0247 U	0.0766	0.0219	0.145	0.00 - 0.50
7-00032	70063	Th-230	0.675	0.0606	0.0857	2.2	0.00 - 0.50
7-00032	70063	Th-232	1.06	0.0222	0.113	3.1	0.00 - 0.50
7-00032	70063	Th-234	1.25 J	0.287	0.146	3.19	0.00 - 0.50
7-00032	70063	Tl-208	0.418	0.0166	0.0249	0.937	0.00 - 0.50
7-00032	70063	Tm-171	-3.44 U	11.9	4.26	72.4	0.00 - 0.50
7-00032	70063	U-233/234	0.576	0.019	0.0771	2.02	0.00 - 0.50
7-00032	70063	U-235/236	0.0173	0.0235	0.0123	0.151	0.00 - 0.50
7-00032	70063	U-238	0.675	0.0447	0.0861	1.8	0.00 - 0.50
7-00032	70064	Ac-227	-0.0282 U	0.2	0.0597	0.217	1.00 - 5.00
7-00032	70064	Ac-228	1.18	0.103	0.0594	2.4	1.00 - 5.00
7-00032	70064	Am-241	0.005 U	0.0154	0.0044	0.0454	1.00 - 5.00
7-00032	70064	Bi-212	0.933	0.137	0.0834	2.15	1.00 - 5.00
7-00032	70064	Bi-214	0.926	0.0324	0.0457	1.59	1.00 - 5.00
7-00032	70064	Cd-113m	29.9 U	134	41.1	3030	1.00 - 5.00
7-00032	70064	Cm-243/244	0.0039	0.0053	0.0028	0.0443	1.00 - 5.00
7-00032	70064	Co-60	0.0071 U	0.0202	0.006	0.028	1.00 - 5.00
7-00032	70064	Cs-134	0.001 U	0.0156	0.0052	0.0864	1.00 - 5.00
7-00032	70064	Cs-137	-0.0089 U	0.0178	0.0058	0.207	1.00 - 5.00
7-00032	70064	Eu-152	-0.025 U	0.0492	0.0174	0.0566	1.00 - 5.00
7-00032	70064	Eu-154	-0.0154 U	0.109	0.0319	0.15	1.00 - 5.00
7-00032	70064	Eu-155	0.0698 JS	0.0741	0.0276	0.231	1.00 - 5.00
7-00032	70064	Ho-166m	0.0028 U	0.0289	0.0085	0.0432	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00032	70064	K-40	20.3	0.151	1.23	32.4	1.00 - 5.00
7-00032	70064	Na-22	0.0109 U	0.0238	0.0073	0.037	1.00 - 5.00
7-00032	70064	Nb-94	0.0142 JS	0.0175	0.006	0.0214	1.00 - 5.00
7-00032	70064	Np-236	-0.0126 U	0.0385	0.0122	0.047	1.00 - 5.00
7-00032	70064	Np-239	-0.0434 U	0.133	0.0407	0.139	1.00 - 5.00
7-00032	70064	Pa-231	-0.217 U	0.83	0.254	0.936	1.00 - 5.00
7-00032	70064	Pb-212	1.34	0.0333	0.0902	2.69	1.00 - 5.00
7-00032	70064	Pb-214	1.03	0.0359	0.0551	1.7	1.00 - 5.00
7-00032	70064	Pu-236	-0.0004 U	0.02	0.0042	7.79	1.00 - 5.00
7-00032	70064	Pu-238	0.0022	0.0059	0.0022	0.0415	1.00 - 5.00
7-00032	70064	Pu-239/240	0.0109	0.0059	0.0049	0.0404	1.00 - 5.00
7-00032	70064	Pu-244	0.005	0.0139	0.0041	0.0313	1.00 - 5.00
7-00032	70064	Sb-125	0.0281 JS	0.0467	0.0152	0.354	1.00 - 5.00
7-00032	70064	Sn-126	0.0055 U	0.0183	0.0055	0.0237	1.00 - 5.00
7-00032	70064	Sr-90	0.143 U	0.245	0.077	0.485	1.00 - 5.00
7-00032	70064	Th-228	1.2	0.0777	0.102	3.98	1.00 - 5.00
7-00032	70064	Th-229	0.0321	0.055	0.0178	0.145	1.00 - 5.00
7-00032	70064	Th-230	0.909	0.0124	0.0818	2.2	1.00 - 5.00
7-00032	70064	Th-232	1.28	0.0123	0.104	3.1	1.00 - 5.00
7-00032	70064	Th-234	1.48 J	0.319	0.162	3.19	1.00 - 5.00
7-00032	70064	Tl-208	0.419	0.017	0.0245	0.937	1.00 - 5.00
7-00032	70064	Tm-171	-2.08 U	15.3	5.14	72.4	1.00 - 5.00
7-00032	70064	U-233/234	0.916	0.0427	0.0979	2.02	1.00 - 5.00
7-00032	70064	U-235/236	0.0535	0.0181	0.0193	0.151	1.00 - 5.00
7-00032	70064	U-238	1.02	0.0147	0.106	1.8	1.00 - 5.00
7-00033	70065	Ac-227	-0.0576 U	0.196	0.0606	0.217	0.00 - 0.50
7-00033	70065	Ac-228	1.22	0.0941	0.0595	2.4	0.00 - 0.50
7-00033	70065	Am-241	0.0018 U	0.0195	0.0046	0.0454	0.00 - 0.50
7-00033	70065	Bi-212	0.902	0.124	0.0788	2.15	0.00 - 0.50
7-00033	70065	Bi-214	1.07	0.0297	0.0495	1.59	0.00 - 0.50
7-00033	70065	Cd-113m	-11.5 U	128	43.7	3030	0.00 - 0.50
7-00033	70065	Cm-243/244	0.0049	0.0138	0.0041	0.0443	0.00 - 0.50
7-00033	70065	Co-60	0.009 J	0.0175	0.0054	0.028	0.00 - 0.50
7-00033	70065	Cs-134	0.0084 JS	0.0155	0.0054	0.0864	0.00 - 0.50
7-00033	70065	Cs-137	0.778	0.0165	0.0433	0.207	0.00 - 0.50
7-00033	70065	Eu-152	-0.029 U	0.0475	0.0194	0.0566	0.00 - 0.50
7-00033	70065	Eu-154	-0.0179 U	0.0946	0.0287	0.15	0.00 - 0.50
7-00033	70065	Eu-155	0.0584 JS	0.067	0.0244	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00033	70065	Ho-166m	-0.0159 U	0.0241	0.0082	0.0432	0.00 - 0.50
7-00033	70065	K-40	23	0.121	1.32	32.4	0.00 - 0.50
7-00033	70065	Na-22	0.0012 U	0.0208	0.0062	0.037	0.00 - 0.50
7-00033	70065	Nb-94	0.0028 U	0.0148	0.0043	0.0214	0.00 - 0.50
7-00033	70065	Np-236	-0.0098 U	0.0368	0.011	0.047	0.00 - 0.50
7-00033	70065	Np-239	-0.031 U	0.131	0.0398	0.139	0.00 - 0.50
7-00033	70065	Pa-231	-0.136 U	0.81	0.246	0.936	0.00 - 0.50
7-00033	70065	Pb-212	1.35	0.0343	0.0857	2.69	0.00 - 0.50
7-00033	70065	Pb-214	1.15	0.0334	0.0569	1.7	0.00 - 0.50
7-00033	70065	Pu-236	-0.0017 U	0.0309	0.0067	7.79	0.00 - 0.50
7-00033	70065	Pu-238	-0.0005 U	0.0389	0.0095	0.0415	0.00 - 0.50
7-00033	70065	Pu-239/240	0.0077 U	0.0246	0.007	0.0404	0.00 - 0.50
7-00033	70065	Pu-244	-0.0059 U	0.0246	0.0044	0.0313	0.00 - 0.50
7-00033	70065	Sb-125	0.0313 JS	0.0488	0.0161	0.354	0.00 - 0.50
7-00033	70065	Sn-126	0.0048 U	0.0169	0.005	0.0237	0.00 - 0.50
7-00033	70065	Sr-90	0.173	0.211	0.0698	0.485	0.00 - 0.50
7-00033	70065	Th-228	1.12	0.112	0.114	3.98	0.00 - 0.50
7-00033	70065	Th-229	0.0067 U	0.0617	0.0149	0.145	0.00 - 0.50
7-00033	70065	Th-230	0.796	0.0616	0.0875	2.2	0.00 - 0.50
7-00033	70065	Th-232	1.17	0.0487	0.112	3.1	0.00 - 0.50
7-00033	70065	Th-234	1.52 J	0.295	0.16	3.19	0.00 - 0.50
7-00033	70065	Tl-208	0.421	0.0167	0.025	0.937	0.00 - 0.50
7-00033	70065	Tm-171	-13.2 UJ	12.2	5.38	72.4	0.00 - 0.50
7-00033	70065	U-233/234	0.895	0.0142	0.0949	2.02	0.00 - 0.50
7-00033	70065	U-235/236	0.0491	0.0512	0.0209	0.151	0.00 - 0.50
7-00033	70065	U-238	0.956	0.0142	0.0996	1.8	0.00 - 0.50
7-00033	70066	Ac-227	0.0188 U	0.197	0.0679	0.217	1.00 - 5.00
7-00033	70066	Ac-228	1.27	0.0898	0.0603	2.4	1.00 - 5.00
7-00033	70066	Am-241	0.0046	0.0063	0.0033	0.0454	1.00 - 5.00
7-00033	70066	Bi-212	0.984	0.128	0.0858	2.15	1.00 - 5.00
7-00033	70066	Bi-214	1.01	0.0289	0.0538	1.59	1.00 - 5.00
7-00033	70066	Cd-113m	33.5 U	129	53	3030	1.00 - 5.00
7-00033	70066	Cm-243/244	0.0083	0.0183	0.0057	0.0443	1.00 - 5.00
7-00033	70066	Co-60	0.0031 U	0.0171	0.005	0.028	1.00 - 5.00
7-00033	70066	Cs-134	0.0096 JS	0.0161	0.0058	0.0864	1.00 - 5.00
7-00033	70066	Cs-137	0.0231	0.0181	0.0075	0.207	1.00 - 5.00
7-00033	70066	Eu-152	-0.0383 UJ	0.0462	0.0183	0.0566	1.00 - 5.00
7-00033	70066	Eu-154	-0.0271 U	0.0969	0.0293	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00033	70066	Eu-155	0.0295 U	0.0705	0.0217	0.231	1.00 - 5.00
7-00033	70066	Ho-166m	-0.0143 U	0.0263	0.0088	0.0432	1.00 - 5.00
7-00033	70066	K-40	20.1	0.128	1.12	32.4	1.00 - 5.00
7-00033	70066	Na-22	-0.0177 UJ	0.0195	0.0074	0.037	1.00 - 5.00
7-00033	70066	Nb-94	0.0026 U	0.0158	0.0047	0.0214	1.00 - 5.00
7-00033	70066	Np-236	-0.0125 U	0.0374	0.0115	0.047	1.00 - 5.00
7-00033	70066	Np-239	0.0258 U	0.132	0.0401	0.139	1.00 - 5.00
7-00033	70066	Pa-231	-0.0809 U	0.8	0.264	0.936	1.00 - 5.00
7-00033	70066	Pb-212	1.45	0.0322	0.0843	2.69	1.00 - 5.00
7-00033	70066	Pb-214	1.24	0.032	0.058	1.7	1.00 - 5.00
7-00033	70066	Pu-236	0.0305	0.0312	0.0126	7.79	1.00 - 5.00
7-00033	70066	Pu-238	0.0172	0.0425	0.0127	0.0415	1.00 - 5.00
7-00033	70066	Pu-239/240	0.0042 UJ	0.0243	0.0059	0.0404	1.00 - 5.00
7-00033	70066	Pu-244	0.0036	0.0097	0.0036	0.0313	1.00 - 5.00
7-00033	70066	Sb-125	0.0053 U	0.0439	0.0128	0.354	1.00 - 5.00
7-00033	70066	Sn-126	-0.0019 U	0.0173	0.0052	0.0237	1.00 - 5.00
7-00033	70066	Sr-90	0.0418 U	0.122	0.0359	0.485	1.00 - 5.00
7-00033	70066	Th-228	1.42	0.134	0.137	3.98	1.00 - 5.00
7-00033	70066	Th-229	0.015 U	0.0696	0.0184	0.145	1.00 - 5.00
7-00033	70066	Th-230	0.904	0.098	0.1	2.2	1.00 - 5.00
7-00033	70066	Th-232	1.26	0.0548	0.122	3.1	1.00 - 5.00
7-00033	70066	Th-234	1.64	0.294	0.152	3.19	1.00 - 5.00
7-00033	70066	Tl-208	0.442	0.0159	0.0254	0.937	1.00 - 5.00
7-00033	70066	Tm-171	-8.66 U	12.5	4.91	72.4	1.00 - 5.00
7-00033	70066	U-233/234	1.05	0.0646	0.11	2.02	1.00 - 5.00
7-00033	70066	U-235/236	0.0752	0.0185	0.0233	0.151	1.00 - 5.00
7-00033	70066	U-238	0.947	0.0352	0.101	1.8	1.00 - 5.00
7-00034	70067	Ac-227	0.0627 U	0.174	0.0548	0.217	0.00 - 0.50
7-00034	70067	Ac-228	1.05	0.0877	0.0509	2.4	0.00 - 0.50
7-00034	70067	Am-241	0.0166	0.022	0.0079	0.0454	0.00 - 0.50
7-00034	70067	Bi-212	0.754	0.107	0.0676	2.15	0.00 - 0.50
7-00034	70067	Bi-214	0.754	0.03	0.0371	1.59	0.00 - 0.50
7-00034	70067	Cd-113m	-27.4 U	115	36.1	3030	0.00 - 0.50
7-00034	70067	Cm-243/244	-0.0119 UJ	0.0464	0.0109	0.0443	0.00 - 0.50
7-00034	70067	Co-60	-0.0075 U	0.0154	0.0051	0.028	0.00 - 0.50
7-00034	70067	Cs-134	0.0115 JS	0.0149	0.0056	0.0864	0.00 - 0.50
7-00034	70067	Cs-137	1.17 J	0.0151	0.0629	0.207	0.00 - 0.50
7-00034	70067	Eu-152	-0.0133 U	0.043	0.0134	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00034	70067	Eu-154	0.0173 U	0.0903	0.0265	0.15	0.00 - 0.50
7-00034	70067	Eu-155	0.0857 JS	0.0592	0.0269	0.231	0.00 - 0.50
7-00034	70067	Ho-166m	-0.0102 U	0.0218	0.0072	0.0432	0.00 - 0.50
7-00034	70067	K-40	22.3	0.117	1.27	32.4	0.00 - 0.50
7-00034	70067	Na-22	-0.0002 U	0.0193	0.0058	0.037	0.00 - 0.50
7-00034	70067	Nb-94	0.0008 U	0.0128	0.0039	0.0214	0.00 - 0.50
7-00034	70067	Np-236	-0.0206 U	0.0311	0.0105	0.047	0.00 - 0.50
7-00034	70067	Np-239	0.0161 U	0.117	0.0356	0.139	0.00 - 0.50
7-00034	70067	Pa-231	-0.136 U	0.727	0.228	0.936	0.00 - 0.50
7-00034	70067	Pb-212	1.22	0.0296	0.073	2.69	0.00 - 0.50
7-00034	70067	Pb-214	0.85	0.0314	0.042	1.7	0.00 - 0.50
7-00034	70067	Pu-236	-0.0044 UJ	0.05	0.0101	7.79	0.00 - 0.50
7-00034	70067	Pu-238	0.0286	0.0595	0.0184	0.0415	0.00 - 0.50
7-00034	70067	Pu-239/240	0.0088 UJ	0.0434	0.0113	0.0404	0.00 - 0.50
7-00034	70067	Pu-244	-0.0035 UJ	0.0305	0.0059	0.0313	0.00 - 0.50
7-00034	70067	Sb-125	-0.0114 U	0.0422	0.0128	0.354	0.00 - 0.50
7-00034	70067	Sn-126	0.0021 U	0.0147	0.0044	0.0237	0.00 - 0.50
7-00034	70067	Sr-90	0.149 U	0.306	0.0943	0.485	0.00 - 0.50
7-00034	70067	Th-228	1.11	0.147	0.125	3.98	0.00 - 0.50
7-00034	70067	Th-229	0.025 UJ	0.1	0.0277	0.145	0.00 - 0.50
7-00034	70067	Th-230	0.708	0.0226	0.0879	2.2	0.00 - 0.50
7-00034	70067	Th-232	0.888	0.0225	0.101	3.1	0.00 - 0.50
7-00034	70067	Th-234	1.21 J	0.306	0.313	3.19	0.00 - 0.50
7-00034	70067	Tl-208	0.356	0.0148	0.0208	0.937	0.00 - 0.50
7-00034	70067	Tm-171	5.44 U	12	3.98	72.4	0.00 - 0.50
7-00034	70067	U-233/234	0.445	0.065	0.0674	2.02	0.00 - 0.50
7-00034	70067	U-235/236	0.0178	0.0241	0.0126	0.151	0.00 - 0.50
7-00034	70067	U-238	0.629	0.0567	0.0833	1.8	0.00 - 0.50
7-00034	70068	Ac-227	-0.146 UJ	0.171	0.0624	0.217	1.00 - 5.00
7-00034	70068	Ac-228	1.28	0.0965	0.0614	2.4	1.00 - 5.00
7-00034	70068	Am-241	0.0061	0.0055	0.0035	0.0454	1.00 - 5.00
7-00034	70068	Bi-212	0.802	0.133	0.0757	2.15	1.00 - 5.00
7-00034	70068	Bi-214	1.05	0.029	0.0497	1.59	1.00 - 5.00
7-00034	70068	Cd-113m	-90.2 UJ	117	43.9	3030	1.00 - 5.00
7-00034	70068	Cm-243/244	0.0073	0.0162	0.0051	0.0443	1.00 - 5.00
7-00034	70068	Co-60	0.0023 U	0.0178	0.0052	0.028	1.00 - 5.00
7-00034	70068	Cs-134	0.0047 U	0.0145	0.0049	0.0864	1.00 - 5.00
7-00034	70068	Cs-137	0.0039 U	0.0173	0.0058	0.207	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00034	70068	Eu-152	-0.0218 U	0.0437	0.0161	0.0566	1.00 - 5.00
7-00034	70068	Eu-154	0.0333 U	0.0991	0.0332	0.15	1.00 - 5.00
7-00034	70068	Eu-155	0.0767 JS	0.0626	0.0237	0.231	1.00 - 5.00
7-00034	70068	Ho-166m	0.0064 U	0.0251	0.0074	0.0432	1.00 - 5.00
7-00034	70068	K-40	21	0.136	1.14	32.4	1.00 - 5.00
7-00034	70068	Na-22	-0.0076 U	0.0203	0.0064	0.037	1.00 - 5.00
7-00034	70068	Nb-94	0.003 U	0.0153	0.0045	0.0214	1.00 - 5.00
7-00034	70068	Np-236	-0.0243 UJ	0.0329	0.0117	0.047	1.00 - 5.00
7-00034	70068	Np-239	0.0203 U	0.119	0.035	0.139	1.00 - 5.00
7-00034	70068	Pa-231	-0.137 U	0.745	0.224	0.936	1.00 - 5.00
7-00034	70068	Pb-212	1.35	0.0301	0.0779	2.69	1.00 - 5.00
7-00034	70068	Pb-214	1.09	0.0318	0.0527	1.7	1.00 - 5.00
7-00034	70068	Pu-236	0.004 U	0.0418	0.0107	7.79	1.00 - 5.00
7-00034	70068	Pu-238	0.0061 U	0.0383	0.0101	0.0415	1.00 - 5.00
7-00034	70068	Pu-239/240	0.0009 U	0.0197	0.0038	0.0404	1.00 - 5.00
7-00034	70068	Pu-244	-0.0022 U	0.0197	0.0038	0.0313	1.00 - 5.00
7-00034	70068	Sb-125	0.0088 U	0.0424	0.0129	0.354	1.00 - 5.00
7-00034	70068	Sn-126	-0.0066 U	0.0167	0.0053	0.0237	1.00 - 5.00
7-00034	70068	Sr-90	0.0407 U	0.22	0.0634	0.485	1.00 - 5.00
7-00034	70068	Th-228	1.33	0.02	0.127	3.98	1.00 - 5.00
7-00034	70068	Th-229	0 U	0.0651	0.014	0.145	1.00 - 5.00
7-00034	70068	Th-230	1	0.0515	0.103	2.2	1.00 - 5.00
7-00034	70068	Th-232	1.29	0.0189	0.122	3.1	1.00 - 5.00
7-00034	70068	Th-234	1.46	0.255	0.14	3.19	1.00 - 5.00
7-00034	70068	Tl-208	0.426	0.0166	0.0247	0.937	1.00 - 5.00
7-00034	70068	Tm-171	-7.49 U	10.7	4.01	72.4	1.00 - 5.00
7-00034	70068	U-233/234	1.03	0.0319	0.104	2.02	1.00 - 5.00
7-00034	70068	U-235/236	0.0434	0.0168	0.0167	0.151	1.00 - 5.00
7-00034	70068	U-238	1.05	0.0136	0.105	1.8	1.00 - 5.00
7-00035	70069	Ac-227	-0.0046 U	0.188	0.057	0.217	0.00 - 0.50
7-00035	70069	Ac-228	1.05	0.092	0.0513	2.4	0.00 - 0.50
7-00035	70069	Am-241	0.0054	0.0099	0.0033	0.0454	0.00 - 0.50
7-00035	70069	Bi-212	0.8	0.124	0.0765	2.15	0.00 - 0.50
7-00035	70069	Bi-214	0.965	0.0281	0.0457	1.59	0.00 - 0.50
7-00035	70069	Cd-113m	-75.4 U	123	47.2	3030	0.00 - 0.50
7-00035	70069	Cm-243/244	0.0095	0.0037	0.0036	0.0443	0.00 - 0.50
7-00035	70069	Co-60	-0.0006 U	0.0168	0.0049	0.028	0.00 - 0.50
7-00035	70069	Cs-134	0.0036 U	0.0153	0.0052	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00035	70069	Cs-137	0.118 J	0.0148	0.0109	0.207	0.00 - 0.50
7-00035	70069	Eu-152	-0.0145 U	0.0451	0.0155	0.0566	0.00 - 0.50
7-00035	70069	Eu-154	-0.0523 U	0.0902	0.0298	0.15	0.00 - 0.50
7-00035	70069	Eu-155	0.0217 U	0.0679	0.0204	0.231	0.00 - 0.50
7-00035	70069	Ho-166m	-0.0056 U	0.0246	0.0075	0.0432	0.00 - 0.50
7-00035	70069	K-40	21	0.0965	1.17	32.4	0.00 - 0.50
7-00035	70069	Na-22	-0.005 U	0.0204	0.0062	0.037	0.00 - 0.50
7-00035	70069	Nb-94	0.0036 U	0.0149	0.0045	0.0214	0.00 - 0.50
7-00035	70069	Np-236	-0.0221 U	0.0357	0.0118	0.047	0.00 - 0.50
7-00035	70069	Np-239	0.0776 J	0.126	0.0415	0.139	0.00 - 0.50
7-00035	70069	Pa-231	-0.357 U	0.767	0.251	0.936	0.00 - 0.50
7-00035	70069	Pb-212	1.22	0.0318	0.0716	2.69	0.00 - 0.50
7-00035	70069	Pb-214	1.08	0.0326	0.0508	1.7	0.00 - 0.50
7-00035	70069	Pu-236	0.0009 U	0.0202	0.0039	7.79	0.00 - 0.50
7-00035	70069	Pu-238	0.0139	0.0241	0.0081	0.0415	0.00 - 0.50
7-00035	70069	Pu-239/240	-0.0022 U	0.0194	0.0038	0.0404	0.00 - 0.50
7-00035	70069	Pu-244	0.0039 U	0.0194	0.0048	0.0313	0.00 - 0.50
7-00035	70069	Sb-125	0.0063 U	0.043	0.0125	0.354	0.00 - 0.50
7-00035	70069	Sn-126	-0.0038 U	0.0162	0.005	0.0237	0.00 - 0.50
7-00035	70069	Sr-90	0.132 U	0.285	0.0874	0.485	0.00 - 0.50
7-00035	70069	Th-228	1.16	0.0747	0.114	3.98	0.00 - 0.50
7-00035	70069	Th-229	0.0328	0.0178	0.0148	0.145	0.00 - 0.50
7-00035	70069	Th-230	0.739	0.0705	0.0834	2.2	0.00 - 0.50
7-00035	70069	Th-232	0.998	0.048	0.0999	3.1	0.00 - 0.50
7-00035	70069	Th-234	1.5	0.276	0.149	3.19	0.00 - 0.50
7-00035	70069	Tl-208	0.383	0.0165	0.0229	0.937	0.00 - 0.50
7-00035	70069	Tm-171	1.8 U	12.4	4.33	72.4	0.00 - 0.50
7-00035	70069	U-233/234	0.782	0.0162	0.0899	2.02	0.00 - 0.50
7-00035	70069	U-235/236	0.0411	0.0583	0.0212	0.151	0.00 - 0.50
7-00035	70069	U-238	0.919	0.0472	0.101	1.8	0.00 - 0.50
7-00035	70070	Ac-227	-0.0132 U	0.173	0.0531	0.217	1.00 - 5.00
7-00035	70070	Ac-228	1.27	0.0909	0.0599	2.4	1.00 - 5.00
7-00035	70070	Am-241	0.0012 U	0.017	0.0038	0.0454	1.00 - 5.00
7-00035	70070	Bi-212	0.911	0.12	0.0784	2.15	1.00 - 5.00
7-00035	70070	Bi-214	1.13	0.0269	0.0523	1.59	1.00 - 5.00
7-00035	70070	Cd-113m	-48.6 U	114	37.3	3030	1.00 - 5.00
7-00035	70070	Cm-243/244	0.0003 U	0.0218	0.0049	0.0443	1.00 - 5.00
7-00035	70070	Co-60	0.0036 U	0.0158	0.0047	0.028	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00035	70070	Cs-134	0.0066 U	0.0138	0.0048	0.0864	1.00 - 5.00
7-00035	70070	Cs-137	-0.0003 U	0.0154	0.0053	0.207	1.00 - 5.00
7-00035	70070	Eu-152	-0.0443 UJ	0.0402	0.0161	0.0566	1.00 - 5.00
7-00035	70070	Eu-154	-0.0184 U	0.0852	0.0257	0.15	1.00 - 5.00
7-00035	70070	Eu-155	0.052 JS	0.0637	0.0221	0.231	1.00 - 5.00
7-00035	70070	Ho-166m	0.0028 U	0.0239	0.0072	0.0432	1.00 - 5.00
7-00035	70070	K-40	20.8	0.123	1.18	32.4	1.00 - 5.00
7-00035	70070	Na-22	-0.0195 UJ	0.0182	0.0075	0.037	1.00 - 5.00
7-00035	70070	Nb-94	0.0048 U	0.0138	0.0043	0.0214	1.00 - 5.00
7-00035	70070	Np-236	-0.019 U	0.0325	0.0107	0.047	1.00 - 5.00
7-00035	70070	Np-239	-0.0394 U	0.117	0.0372	0.139	1.00 - 5.00
7-00035	70070	Pa-231	0.0362 U	0.72	0.222	0.936	1.00 - 5.00
7-00035	70070	Pb-212	1.45	0.0311	0.0862	2.69	1.00 - 5.00
7-00035	70070	Pb-214	1.2	0.03	0.0557	1.7	1.00 - 5.00
7-00035	70070	Pu-236	-0.0013 U	0.0228	0.0041	7.79	1.00 - 5.00
7-00035	70070	Pu-238	-0.0012 U	0.022	0.004	0.0415	1.00 - 5.00
7-00035	70070	Pu-239/240	0.0056	0.0076	0.004	0.0404	1.00 - 5.00
7-00035	70070	Pu-244	0.0056	0.0076	0.004	0.0313	1.00 - 5.00
7-00035	70070	Sb-125	0.0128 U	0.0408	0.0122	0.354	1.00 - 5.00
7-00035	70070	Sn-126	-0.0014 U	0.0152	0.0046	0.0237	1.00 - 5.00
7-00035	70070	Sr-90	0.0896 U	0.25	0.0749	0.485	1.00 - 5.00
7-00035	70070	Th-228	1.29	0.0811	0.126	3.98	1.00 - 5.00
7-00035	70070	Th-229	0.0358	0.0527	0.0191	0.145	1.00 - 5.00
7-00035	70070	Th-230	0.95	0.0193	0.0998	2.2	1.00 - 5.00
7-00035	70070	Th-232	1.23	0.0193	0.119	3.1	1.00 - 5.00
7-00035	70070	Th-234	1.67	0.266	0.16	3.19	1.00 - 5.00
7-00035	70070	Tl-208	0.459	0.0153	0.0259	0.937	1.00 - 5.00
7-00035	70070	Tm-171	-0.742 U	12.2	4.24	72.4	1.00 - 5.00
7-00035	70070	U-233/234	0.953	0.0312	0.0976	2.02	1.00 - 5.00
7-00035	70070	U-235/236	0.0726	0.0164	0.0216	0.151	1.00 - 5.00
7-00035	70070	U-238	0.941	0.0312	0.0967	1.8	1.00 - 5.00
7-00036	70071	Ac-227	-0.0527 U	0.185	0.0556	0.217	0.00 - 0.50
7-00036	70071	Ac-228	1.22	0.0892	0.059	2.4	0.00 - 0.50
7-00036	70071	Am-241	-0.0026 U	0.0308	0.0069	0.0454	0.00 - 0.50
7-00036	70071	Bi-212	0.806	0.115	0.0773	2.15	0.00 - 0.50
7-00036	70071	Bi-214	0.929	0.0278	0.0436	1.59	0.00 - 0.50
7-00036	70071	Cd-113m	-4.5 U	123	35.9	3030	0.00 - 0.50
7-00036	70071	Cm-243/244	0.0046 U	0.0226	0.0059	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00036	70071	Co-60	0.0026 U	0.0169	0.005	0.028	0.00 - 0.50
7-00036	70071	Cs-134	0.0029 U	0.014	0.0048	0.0864	0.00 - 0.50
7-00036	70071	Cs-137	0.833	0.0163	0.0456	0.207	0.00 - 0.50
7-00036	70071	Eu-152	-0.0077 U	0.045	0.0153	0.0566	0.00 - 0.50
7-00036	70071	Eu-154	-0.0374 U	0.0892	0.0283	0.15	0.00 - 0.50
7-00036	70071	Eu-155	0.0927 JS	0.0622	0.0269	0.231	0.00 - 0.50
7-00036	70071	Ho-166m	-0.0038 U	0.0239	0.0074	0.0432	0.00 - 0.50
7-00036	70071	K-40	22.7	0.109	1.27	32.4	0.00 - 0.50
7-00036	70071	Na-22	0.0077 U	0.02	0.0061	0.037	0.00 - 0.50
7-00036	70071	Nb-94	-0.0013 U	0.0136	0.0042	0.0214	0.00 - 0.50
7-00036	70071	Np-236	-0.0016 U	0.0336	0.0102	0.047	0.00 - 0.50
7-00036	70071	Np-239	-0.0417 U	0.12	0.0391	0.139	0.00 - 0.50
7-00036	70071	Pa-231	0.358 UJ	0.769	0.252	0.936	0.00 - 0.50
7-00036	70071	Pb-212	1.31	0.0327	0.0772	2.69	0.00 - 0.50
7-00036	70071	Pb-214	1.04	0.0317	0.0497	1.7	0.00 - 0.50
7-00036	70071	Pu-236	-0.0031 U	0.0245	0.0043	7.79	0.00 - 0.50
7-00036	70071	Pu-238	-0.0027 U	0.0323	0.0072	0.0415	0.00 - 0.50
7-00036	70071	Pu-239/240	0.0032 U	0.034	0.0087	0.0404	0.00 - 0.50
7-00036	70071	Pu-244	0.0015 U	0.0205	0.0045	0.0313	0.00 - 0.50
7-00036	70071	Sb-125	0.0247 JS	0.0456	0.0144	0.354	0.00 - 0.50
7-00036	70071	Sn-126	-0.0021 U	0.0152	0.0047	0.0237	0.00 - 0.50
7-00036	70071	Sr-90	0.435	0.255	0.103	0.485	0.00 - 0.50
7-00036	70071	Th-228	1.43	0.114	0.137	3.98	0.00 - 0.50
7-00036	70071	Th-229	0.107	0.0661	0.0317	0.145	0.00 - 0.50
7-00036	70071	Th-230	0.845	0.0765	0.0938	2.2	0.00 - 0.50
7-00036	70071	Th-232	1.17	0.0851	0.116	3.1	0.00 - 0.50
7-00036	70071	Th-234	1.36 J	0.273	0.146	3.19	0.00 - 0.50
7-00036	70071	Tl-208	0.407	0.0154	0.0231	0.937	0.00 - 0.50
7-00036	70071	Tm-171	-6.07 U	11.6	4.17	72.4	0.00 - 0.50
7-00036	70071	U-233/234	0.955	0.0421	0.1	2.02	0.00 - 0.50
7-00036	70071	U-235/236	0.0715	0.0597	0.0257	0.151	0.00 - 0.50
7-00036	70071	U-238	0.958	0.0421	0.101	1.8	0.00 - 0.50
7-00037	70073	Ac-227	-0.243 U	0.427	0.142	0.217	0.00 - 0.50
7-00037	70073	Ac-228	0.984	0.0938	0.0549	2.4	0.00 - 0.50
7-00037	70073	Am-241	0.0118	0.0168	0.0061	0.0454	0.00 - 0.50
7-00037	70073	Bi-212	0.631 J	0.134	0.0694	2.15	0.00 - 0.50
7-00037	70073	Bi-214	0.852	0.0517	0.0437	1.59	0.00 - 0.50
7-00037	70073	C-14	-0.128 U	0.753	0.223	2.96	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00037	70073	Cd-113m	-110 U	290	100	3030	0.00 - 0.50
7-00037	70073	Cm-243/244	0.0086	0.0058	0.0043	0.0443	0.00 - 0.50
7-00037	70073	Co-60	0.0007 U	0.0179	0.0052	0.028	0.00 - 0.50
7-00037	70073	Cs-134	0.0022 U	0.0269	0.0092	0.0864	0.00 - 0.50
7-00037	70073	Cs-137	20.2 J	0.0246	1.05	0.207	0.00 - 0.50
7-00037	70073	Eu-152	0.0453 U	0.112	0.0427	0.0566	0.00 - 0.50
7-00037	70073	Eu-154	-0.0363 U	0.0992	0.0314	0.15	0.00 - 0.50
7-00037	70073	Eu-155	0.0892 JS	0.128	0.0449	0.231	0.00 - 0.50
7-00037	70073	H-3	2.9 U	7.78	2.31	11.9	0.00 - 0.50
7-00037	70073	Ho-166m	0.0071 U	0.027	0.008	0.0432	0.00 - 0.50
7-00037	70073	K-40	22.2	0.134	1.46	32.4	0.00 - 0.50
7-00037	70073	Na-22	-0.0102 U	0.0216	0.0069	0.037	0.00 - 0.50
7-00037	70073	Nb-94	0.0068 U	0.0149	0.0046	0.0214	0.00 - 0.50
7-00037	70073	Ni-59	-0.588 U	5.83	1.54	5.96	0.00 - 0.50
7-00037	70073	Ni-63	-0.242 U	1.53	0.449	4.92	0.00 - 0.50
7-00037	70073	Np-236	-0.0159 U	0.0691	0.0208	0.047	0.00 - 0.50
7-00037	70073	Np-239	0.0022 U	0.276	0.0826	0.139	0.00 - 0.50
7-00037	70073	Pa-231	0.349 U	1.8	0.548	0.936	0.00 - 0.50
7-00037	70073	Pb-212	1.09	0.0725	0.0773	2.69	0.00 - 0.50
7-00037	70073	Pb-214	0.948	0.0805	0.0563	1.7	0.00 - 0.50
7-00037	70073	Pu-236	-0.0047 U	0.0317	0.0062	7.79	0.00 - 0.50
7-00037	70073	Pu-238	0.0011 U	0.0305	0.0072	0.0415	0.00 - 0.50
7-00037	70073	Pu-239/240	0.0056	0.0076	0.004	0.0404	0.00 - 0.50
7-00037	70073	Pu-244	0.0056	0.0076	0.004	0.0313	0.00 - 0.50
7-00037	70073	Sb-125	0.0235 U	0.126	0.0387	0.354	0.00 - 0.50
7-00037	70073	Sn-126	-0.0031 U	0.0161	0.0048	0.0237	0.00 - 0.50
7-00037	70073	Sr-90	4.2 J	0.375	0.449	0.485	0.00 - 0.50
7-00037	70073	Tc-99	-0.501 U	1.52	0.44	1.63	0.00 - 0.50
7-00037	70073	Th-228	1.08	0.121	0.12	3.98	0.00 - 0.50
7-00037	70073	Th-229	0.0162 U	0.0753	0.0199	0.145	0.00 - 0.50
7-00037	70073	Th-230	0.833	0.0219	0.0966	2.2	0.00 - 0.50
7-00037	70073	Th-232	0.863	0.0218	0.0987	3.1	0.00 - 0.50
7-00037	70073	Th-234	1.21 J	0.57	0.217	3.19	0.00 - 0.50
7-00037	70073	Tl-208	0.341	0.0304	0.024	0.937	0.00 - 0.50
7-00037	70073	Tm-171	-10 U	25.3	9.97	72.4	0.00 - 0.50
7-00037	70073	U-233/234	0.65	0.0657	0.0903	2.02	0.00 - 0.50
7-00037	70073	U-235/236	0.0132 UJ	0.0656	0.0164	0.151	0.00 - 0.50
7-00037	70073	U-238	0.671	0.0657	0.0923	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00037	70074	Ac-227	0.019 U	0.169	0.0512	0.217	1.00 - 5.00
7-00037	70074	Ac-228	1.06	0.086	0.0526	2.4	1.00 - 5.00
7-00037	70074	Am-241	0.0021 U	0.023	0.0054	0.0454	1.00 - 5.00
7-00037	70074	Bi-212	0.726	0.12	0.0649	2.15	1.00 - 5.00
7-00037	70074	Bi-214	0.828	0.0258	0.0397	1.59	1.00 - 5.00
7-00037	70074	C-14	-0.318 U	0.754	0.221	2.96	1.00 - 5.00
7-00037	70074	Cd-113m	-48.4 U	109	36.6	3030	1.00 - 5.00
7-00037	70074	Cm-243/244	0.0065 U	0.0201	0.0057	0.0443	1.00 - 5.00
7-00037	70074	Co-60	-0.0043 U	0.0155	0.0048	0.028	1.00 - 5.00
7-00037	70074	Cs-134	-0.0005 U	0.0128	0.0044	0.0864	1.00 - 5.00
7-00037	70074	Cs-137	0.041	0.0134	0.0074	0.207	1.00 - 5.00
7-00037	70074	Eu-152	-0.0138 U	0.0406	0.0177	0.0566	1.00 - 5.00
7-00037	70074	Eu-154	-0.0631 UJ	0.0838	0.0297	0.15	1.00 - 5.00
7-00037	70074	Eu-155	0.0425 JS	0.0595	0.0199	0.231	1.00 - 5.00
7-00037	70074	H-3	4.34 U	9.25	2.81	11.9	1.00 - 5.00
7-00037	70074	Ho-166m	-0.0114 U	0.0228	0.0075	0.0432	1.00 - 5.00
7-00037	70074	K-40	21.5	0.113	1.28	32.4	1.00 - 5.00
7-00037	70074	Na-22	-0.0115 U	0.0178	0.0062	0.037	1.00 - 5.00
7-00037	70074	Nb-94	-0.005 U	0.0135	0.0043	0.0214	1.00 - 5.00
7-00037	70074	Ni-59	-1.46 U	4.4	1.28	5.96	1.00 - 5.00
7-00037	70074	Ni-63	-0.435 U	1.6	0.467	4.92	1.00 - 5.00
7-00037	70074	Np-236	-0.0098 U	0.0313	0.0095	0.047	1.00 - 5.00
7-00037	70074	Np-239	0.0513 U	0.116	0.0366	0.139	1.00 - 5.00
7-00037	70074	Pa-231	-0.0816 U	0.694	0.22	0.936	1.00 - 5.00
7-00037	70074	Pb-212	1.15	0.0293	0.0709	2.69	1.00 - 5.00
7-00037	70074	Pb-214	0.91	0.0289	0.0459	1.7	1.00 - 5.00
7-00037	70074	Pu-236	-0.012 UJ	0.0421	0.0073	7.79	1.00 - 5.00
7-00037	70074	Pu-238	-0.0015 UJ	0.0274	0.005	0.0415	1.00 - 5.00
7-00037	70074	Pu-239/240	0.0035	0.0094	0.0035	0.0404	1.00 - 5.00
7-00037	70074	Pu-244	0.0035	0.0094	0.0035	0.0313	1.00 - 5.00
7-00037	70074	Sb-125	-0.0101 U	0.0373	0.0113	0.354	1.00 - 5.00
7-00037	70074	Sn-126	-0.0089 U	0.0143	0.0049	0.0237	1.00 - 5.00
7-00037	70074	Sr-90	0.304	0.253	0.0913	0.485	1.00 - 5.00
7-00037	70074	Tc-99	0.404 U	1.07	0.323	1.63	1.00 - 5.00
7-00037	70074	Th-228	1.41 J	0.0998	0.155	3.98	1.00 - 5.00
7-00037	70074	Th-229	0 UJ	0.0747	0.0144	0.145	1.00 - 5.00
7-00037	70074	Th-230	0.911	0.0941	0.114	2.2	1.00 - 5.00
7-00037	70074	Th-232	1.01	0.109	0.123	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00037	70074	Th-234	1.23 J	0.247	0.126	3.19	1.00 - 5.00
7-00037	70074	Tl-208	0.376	0.0137	0.0219	0.937	1.00 - 5.00
7-00037	70074	Tm-171	-2.69 U	10.1	3.62	72.4	1.00 - 5.00
7-00037	70074	U-233/234	0.816	0.0131	0.0863	2.02	1.00 - 5.00
7-00037	70074	U-235/236	0.042	0.0162	0.0162	0.151	1.00 - 5.00
7-00037	70074	U-238	0.86	0.0309	0.0899	1.8	1.00 - 5.00
7-00038	70075	Ac-227	0.0449 U	0.182	0.0558	0.217	0.00 - 0.50
7-00038	70075	Ac-228	0.974	0.0857	0.0488	2.4	0.00 - 0.50
7-00038	70075	Am-241	0.0061	0.0056	0.0036	0.0454	0.00 - 0.50
7-00038	70075	Bi-212	0.616 J	0.112	0.0621	2.15	0.00 - 0.50
7-00038	70075	Bi-214	0.785	0.0272	0.038	1.59	0.00 - 0.50
7-00038	70075	Cd-113m	-34.2 U	118	40.1	3030	0.00 - 0.50
7-00038	70075	Cm-243/244	0.0088	0.0131	0.0049	0.0443	0.00 - 0.50
7-00038	70075	Co-60	0.0047 U	0.0156	0.0045	0.028	0.00 - 0.50
7-00038	70075	Cs-134	0.0072 JS	0.0139	0.0049	0.0864	0.00 - 0.50
7-00038	70075	Cs-137	0.704	0.0172	0.0393	0.207	0.00 - 0.50
7-00038	70075	Eu-152	-0.0132 U	0.0442	0.0161	0.0566	0.00 - 0.50
7-00038	70075	Eu-154	-0.0395 U	0.0856	0.0282	0.15	0.00 - 0.50
7-00038	70075	Eu-155	0.0432 JS	0.0651	0.0216	0.231	0.00 - 0.50
7-00038	70075	Ho-166m	-0.0012 U	0.0228	0.0068	0.0432	0.00 - 0.50
7-00038	70075	K-40	21.1	0.102	1.23	32.4	0.00 - 0.50
7-00038	70075	Na-22	-0.0024 U	0.0192	0.0057	0.037	0.00 - 0.50
7-00038	70075	Nb-94	0.001 U	0.0134	0.004	0.0214	0.00 - 0.50
7-00038	70075	Np-236	-0.0126 U	0.0336	0.0105	0.047	0.00 - 0.50
7-00038	70075	Np-239	0.0059 U	0.12	0.0362	0.139	0.00 - 0.50
7-00038	70075	Pa-231	-0.196 U	0.742	0.233	0.936	0.00 - 0.50
7-00038	70075	Pb-212	1.01	0.0314	0.0623	2.69	0.00 - 0.50
7-00038	70075	Pb-214	0.86	0.0321	0.0424	1.7	0.00 - 0.50
7-00038	70075	Pu-236	0.0044 U	0.022	0.0055	7.79	0.00 - 0.50
7-00038	70075	Pu-238	-0.0016 U	0.0454	0.0108	0.0415	0.00 - 0.50
7-00038	70075	Pu-239/240	0.0076	0.0211	0.0062	0.0404	0.00 - 0.50
7-00038	70075	Pu-244	0.0033	0.009	0.0033	0.0313	0.00 - 0.50
7-00038	70075	Sb-125	0.0032 U	0.0436	0.0127	0.354	0.00 - 0.50
7-00038	70075	Sn-126	-0.0112 UJ	0.0134	0.0049	0.0237	0.00 - 0.50
7-00038	70075	Sr-90	0.0669 U	0.19	0.0564	0.485	0.00 - 0.50
7-00038	70075	Th-228	1.34	0.074	0.119	3.98	0.00 - 0.50
7-00038	70075	Th-229	0.0349	0.0699	0.0219	0.145	0.00 - 0.50
7-00038	70075	Th-230	0.847	0.0157	0.0846	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00038	70075	Th-232	1.04	0.0157	0.097	3.1	0.00 - 0.50
7-00038	70075	Th-234	1.39 J	0.271	0.168	3.19	0.00 - 0.50
7-00038	70075	Tl-208	0.319	0.0159	0.0192	0.937	0.00 - 0.50
7-00038	70075	Tm-171	-3.21 U	12.6	4.58	72.4	0.00 - 0.50
7-00038	70075	U-233/234	0.919	0.0412	0.0969	2.02	0.00 - 0.50
7-00038	70075	U-235/236	0.0517	0.0175	0.0186	0.151	0.00 - 0.50
7-00038	70075	U-238	0.773	0.0142	0.0851	1.8	0.00 - 0.50
7-00038	70076	Ac-227	-0.068 U	0.172	0.0539	0.217	1.00 - 5.00
7-00038	70076	Ac-228	1.17	0.0924	0.0559	2.4	1.00 - 5.00
7-00038	70076	Am-241	0.0046	0.0062	0.0032	0.0454	1.00 - 5.00
7-00038	70076	Bi-212	0.917	0.125	0.0783	2.15	1.00 - 5.00
7-00038	70076	Bi-214	0.995	0.0291	0.0472	1.59	1.00 - 5.00
7-00038	70076	Cd-113m	14.5 U	116	35.3	3030	1.00 - 5.00
7-00038	70076	Cm-243/244	0.0046	0.0062	0.0032	0.0443	1.00 - 5.00
7-00038	70076	Co-60	0.0051 U	0.0178	0.0052	0.028	1.00 - 5.00
7-00038	70076	Cs-134	-0.0058 U	0.0138	0.005	0.0864	1.00 - 5.00
7-00038	70076	Cs-137	0.0034 U	0.0177	0.0052	0.207	1.00 - 5.00
7-00038	70076	Eu-152	-0.0322 UJ	0.0414	0.0158	0.0566	1.00 - 5.00
7-00038	70076	Eu-154	-0.038 U	0.0956	0.0297	0.15	1.00 - 5.00
7-00038	70076	Eu-155	0.0658 JS	0.0593	0.0227	0.231	1.00 - 5.00
7-00038	70076	Ho-166m	-0.0048 U	0.0253	0.0076	0.0432	1.00 - 5.00
7-00038	70076	K-40	21.8	0.129	1.18	32.4	1.00 - 5.00
7-00038	70076	Na-22	0.002 U	0.0201	0.0059	0.037	1.00 - 5.00
7-00038	70076	Nb-94	-0.0014 U	0.0145	0.0043	0.0214	1.00 - 5.00
7-00038	70076	Np-236	0.0009 U	0.0334	0.0102	0.047	1.00 - 5.00
7-00038	70076	Np-239	-0.0452 U	0.114	0.0354	0.139	1.00 - 5.00
7-00038	70076	Pa-231	-0.247 U	0.709	0.228	0.936	1.00 - 5.00
7-00038	70076	Pb-212	1.25	0.0299	0.0723	2.69	1.00 - 5.00
7-00038	70076	Pb-214	1.05	0.0307	0.0506	1.7	1.00 - 5.00
7-00038	70076	Pu-236	0.0105	0.0255	0.0077	7.79	1.00 - 5.00
7-00038	70076	Pu-238	-0.0008 U	0.029	0.0066	0.0415	1.00 - 5.00
7-00038	70076	Pu-239/240	0.0025	0.0067	0.0025	0.0404	1.00 - 5.00
7-00038	70076	Pu-244	0.005	0.0067	0.0035	0.0313	1.00 - 5.00
7-00038	70076	Sb-125	-0.0039 U	0.041	0.0125	0.354	1.00 - 5.00
7-00038	70076	Sn-126	0.0042 U	0.0164	0.0049	0.0237	1.00 - 5.00
7-00038	70076	Sr-90	0.146	0.229	0.0725	0.485	1.00 - 5.00
7-00038	70076	Th-228	1.24	0.122	0.124	3.98	1.00 - 5.00
7-00038	70076	Th-229	0.0429	0.0194	0.0177	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00038	70076	Th-230	0.97	0.0525	0.101	2.2	1.00 - 5.00
7-00038	70076	Th-232	1.23	0.0523	0.118	3.1	1.00 - 5.00
7-00038	70076	Th-234	1.77	0.25	0.156	3.19	1.00 - 5.00
7-00038	70076	Tl-208	0.416	0.0152	0.0246	0.937	1.00 - 5.00
7-00038	70076	Tm-171	-0.331 U	10.4	3.46	72.4	1.00 - 5.00
7-00038	70076	U-233/234	0.946	0.0478	0.0994	2.02	1.00 - 5.00
7-00038	70076	U-235/236	0.0232	0.0514	0.0161	0.151	1.00 - 5.00
7-00038	70076	U-238	1.08	0.0478	0.109	1.8	1.00 - 5.00
7-00039	70077	Ac-227	-0.039 U	0.136	0.0414	0.217	0.00 - 0.50
7-00039	70077	Ac-228	0.893	0.0776	0.0428	2.4	0.00 - 0.50
7-00039	70077	Am-241	0.0122 U	0.0304	0.0091	0.0454	0.00 - 0.50
7-00039	70077	Bi-212	0.559 J	0.0948	0.0614	2.15	0.00 - 0.50
7-00039	70077	Bi-214	0.446	0.021	0.0245	1.59	0.00 - 0.50
7-00039	70077	Cd-113m	-42.2 U	90.8	28.8	3030	0.00 - 0.50
7-00039	70077	Cm-243/244	0.0044 U	0.0306	0.0079	0.0443	0.00 - 0.50
7-00039	70077	Co-60	-0.0007 U	0.0132	0.0038	0.028	0.00 - 0.50
7-00039	70077	Cs-134	0 U	0.0105	0.0037	0.0864	0.00 - 0.50
7-00039	70077	Cs-137	0.0628	0.0129	0.0063	0.207	0.00 - 0.50
7-00039	70077	Eu-152	-0.0201 U	0.0332	0.0112	0.0566	0.00 - 0.50
7-00039	70077	Eu-154	0.0007 U	0.0763	0.0225	0.15	0.00 - 0.50
7-00039	70077	Eu-155	0.0429 JS	0.0484	0.0179	0.231	0.00 - 0.50
7-00039	70077	Ho-166m	0.0078 U	0.0204	0.0061	0.0432	0.00 - 0.50
7-00039	70077	K-40	20.6	0.098	1.16	32.4	0.00 - 0.50
7-00039	70077	Na-22	0.0018 U	0.0164	0.0049	0.037	0.00 - 0.50
7-00039	70077	Nb-94	0.001 U	0.0113	0.0033	0.0214	0.00 - 0.50
7-00039	70077	Np-236	-0.0035 U	0.0258	0.0079	0.047	0.00 - 0.50
7-00039	70077	Np-239	0.015 U	0.0944	0.0277	0.139	0.00 - 0.50
7-00039	70077	Pa-231	0.167 UJ	0.571	0.183	0.936	0.00 - 0.50
7-00039	70077	Pb-212	1.01	0.0239	0.0613	2.69	0.00 - 0.50
7-00039	70077	Pb-214	0.475	0.0238	0.0252	1.7	0.00 - 0.50
7-00039	70077	Pu-236	-0.001 U	0.0175	0.0032	7.79	0.00 - 0.50
7-00039	70077	Pu-238	0	0.0058	0.0022	0.0415	0.00 - 0.50
7-00039	70077	Pu-239/240	0.0107	0.0058	0.0048	0.0404	0.00 - 0.50
7-00039	70077	Pu-244	0.0064	0.0058	0.0037	0.0313	0.00 - 0.50
7-00039	70077	Sb-125	-0.0193 U	0.0315	0.0107	0.354	0.00 - 0.50
7-00039	70077	Sn-126	-0.0005 U	0.0123	0.0036	0.0237	0.00 - 0.50
7-00039	70077	Sr-90	0.0162 U	0.318	0.0888	0.485	0.00 - 0.50
7-00039	70077	Th-228	0.908	0.101	0.106	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00039	70077	Th-229	-0.0079 U	0.0946	0.0208	0.145	0.00 - 0.50
7-00039	70077	Th-230	0.424	0.0846	0.066	2.2	0.00 - 0.50
7-00039	70077	Th-232	0.877	0.0576	0.0988	3.1	0.00 - 0.50
7-00039	70077	Th-234	0.822 J	0.202	0.109	3.19	0.00 - 0.50
7-00039	70077	Tl-208	0.306	0.0121	0.0176	0.937	0.00 - 0.50
7-00039	70077	Tm-171	-2.99 U	7.78	2.73	72.4	0.00 - 0.50
7-00039	70077	U-233/234	0.4	0.0454	0.0508	2.02	0.00 - 0.50
7-00039	70077	U-235/236	0.0154	0.0139	0.009	0.151	0.00 - 0.50
7-00039	70077	U-238	0.541	0.0113	0.0611	1.8	0.00 - 0.50
7-00039	70078	Ac-227	-0.04 U	0.217	0.0681	0.217	1.00 - 5.00
7-00039	70078	Ac-228	1.48	0.101	0.0722	2.4	1.00 - 5.00
7-00039	70078	Am-241	0.0011 U	0.0303	0.0071	0.0454	1.00 - 5.00
7-00039	70078	Bi-212	1	0.149	0.0943	2.15	1.00 - 5.00
7-00039	70078	Bi-214	1.12	0.0319	0.0527	1.59	1.00 - 5.00
7-00039	70078	Cd-113m	-18.5 U	146	47.1	3030	1.00 - 5.00
7-00039	70078	Cm-243/244	-0.0023 U	0.034	0.0076	0.0443	1.00 - 5.00
7-00039	70078	Co-60	-0.0035 U	0.0191	0.0057	0.028	1.00 - 5.00
7-00039	70078	Cs-134	-0.0056 U	0.0158	0.0056	0.0864	1.00 - 5.00
7-00039	70078	Cs-137	0.0038 U	0.0189	0.0064	0.207	1.00 - 5.00
7-00039	70078	Eu-152	-0.0025 U	0.0528	0.018	0.0566	1.00 - 5.00
7-00039	70078	Eu-154	0.0375 U	0.112	0.0393	0.15	1.00 - 5.00
7-00039	70078	Eu-155	0.0856 JS	0.0831	0.0283	0.231	1.00 - 5.00
7-00039	70078	Ho-166m	-0.0065 U	0.0287	0.0087	0.0432	1.00 - 5.00
7-00039	70078	K-40	19.5	0.148	1.22	32.4	1.00 - 5.00
7-00039	70078	Na-22	-0.0067 U	0.0227	0.007	0.037	1.00 - 5.00
7-00039	70078	Nb-94	-0.0011 U	0.0165	0.0049	0.0214	1.00 - 5.00
7-00039	70078	Np-236	0.022 U	0.0449	0.0146	0.047	1.00 - 5.00
7-00039	70078	Np-239	0.0646 U	0.15	0.0481	0.139	1.00 - 5.00
7-00039	70078	Pa-231	-0.576 U	0.892	0.325	0.936	1.00 - 5.00
7-00039	70078	Pb-212	1.65	0.0382	0.109	2.69	1.00 - 5.00
7-00039	70078	Pb-214	1.24	0.0376	0.0624	1.7	1.00 - 5.00
7-00039	70078	Pu-238	-0.0018 U	0.0163	0.0032	0.0415	1.00 - 5.00
7-00039	70078	Pu-239/240	-0.003 U	0.0231	0.0041	0.0404	1.00 - 5.00
7-00039	70078	Pu-244	0.0051	0.0069	0.0036	0.0313	1.00 - 5.00
7-00039	70078	Sb-125	0.0216 U	0.0512	0.0159	0.354	1.00 - 5.00
7-00039	70078	Sn-126	0.0006 U	0.0187	0.0055	0.0237	1.00 - 5.00
7-00039	70078	Sr-90	1.36	0.185	0.171	0.485	1.00 - 5.00
7-00039	70078	Th-228	1.59	0.106	0.146	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00039	70078	Th-229	0.0281	0.0518	0.0173	0.145	1.00 - 5.00
7-00039	70078	Th-230	1.08	0.0756	0.109	2.2	1.00 - 5.00
7-00039	70078	Th-232	1.64	0.019	0.144	3.1	1.00 - 5.00
7-00039	70078	Th-234	1.48 J	0.371	0.163	3.19	1.00 - 5.00
7-00039	70078	Tl-208	0.5	0.0189	0.0287	0.937	1.00 - 5.00
7-00039	70078	Tm-171	-5.08 U	21.8	7.35	72.4	1.00 - 5.00
7-00039	70078	U-233/234	1.15	0.0334	0.105	2.02	1.00 - 5.00
7-00039	70078	U-235/236	0.0696	0.029	0.0192	0.151	1.00 - 5.00
7-00039	70078	U-238	1.06	0.0291	0.0974	1.8	1.00 - 5.00
7-00040	70079	Ac-227	-0.0175 U	0.173	0.0517	0.217	0.00 - 0.50
7-00040	70079	Ac-228	1.02	0.0905	0.0504	2.4	0.00 - 0.50
7-00040	70079	Am-241	0.0089 U	0.0286	0.0081	0.0454	0.00 - 0.50
7-00040	70079	Bi-212	0.842	0.119	0.0715	2.15	0.00 - 0.50
7-00040	70079	Bi-214	0.993	0.0269	0.0469	1.59	0.00 - 0.50
7-00040	70079	Cd-113m	4.98 U	117	36	3030	0.00 - 0.50
7-00040	70079	Cm-243/244	-0.0031 U	0.0239	0.0042	0.0443	0.00 - 0.50
7-00040	70079	Co-60	-0.0062 U	0.0152	0.0049	0.028	0.00 - 0.50
7-00040	70079	Cs-134	0.0032 U	0.0144	0.0048	0.0864	0.00 - 0.50
7-00040	70079	Cs-137	0.0764 J	0.0156	0.0081	0.207	0.00 - 0.50
7-00040	70079	Eu-152	-0.0133 U	0.0418	0.0136	0.0566	0.00 - 0.50
7-00040	70079	Eu-154	-0.0581 U	0.0905	0.0312	0.15	0.00 - 0.50
7-00040	70079	Eu-155	0.0331 JS	0.0638	0.0212	0.231	0.00 - 0.50
7-00040	70079	Ho-166m	-0.0067 U	0.0232	0.0071	0.0432	0.00 - 0.50
7-00040	70079	K-40	22.4	0.113	1.28	32.4	0.00 - 0.50
7-00040	70079	Na-22	-0.0027 U	0.0198	0.006	0.037	0.00 - 0.50
7-00040	70079	Nb-94	0.01 JS	0.0145	0.0047	0.0214	0.00 - 0.50
7-00040	70079	Np-236	-0.0187 U	0.0335	0.0108	0.047	0.00 - 0.50
7-00040	70079	Np-239	-0.035 U	0.116	0.0357	0.139	0.00 - 0.50
7-00040	70079	Pa-231	0.0338 U	0.739	0.22	0.936	0.00 - 0.50
7-00040	70079	Pb-212	1.11	0.0313	0.0709	2.69	0.00 - 0.50
7-00040	70079	Pb-214	1.03	0.0305	0.0516	1.7	0.00 - 0.50
7-00040	70079	Pu-236	-0.0112 U	0.039	0.0074	7.79	0.00 - 0.50
7-00040	70079	Pu-238	-0.0001 U	0.0356	0.0085	0.0415	0.00 - 0.50
7-00040	70079	Pu-239/240	0.0082 U	0.026	0.0074	0.0404	0.00 - 0.50
7-00040	70079	Pu-244	0.0086	0.0078	0.005	0.0313	0.00 - 0.50
7-00040	70079	Sb-125	-0.0185 U	0.0397	0.013	0.354	0.00 - 0.50
7-00040	70079	Sn-126	-0.0012 U	0.0151	0.0044	0.0237	0.00 - 0.50
7-00040	70079	Sr-90	-0.075 U	0.244	0.057	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00040	70079	Th-228	1.09	0.117	0.111	3.98	0.00 - 0.50
7-00040	70079	Th-229	0.0445	0.0591	0.0213	0.145	0.00 - 0.50
7-00040	70079	Th-230	0.743	0.0467	0.0815	2.2	0.00 - 0.50
7-00040	70079	Th-232	0.911	0.0466	0.0929	3.1	0.00 - 0.50
7-00040	70079	Th-234	1.22 J	0.257	0.138	3.19	0.00 - 0.50
7-00040	70079	Tl-208	0.351	0.0152	0.0209	0.937	0.00 - 0.50
7-00040	70079	Tm-171	0.95 U	11.3	3.92	72.4	0.00 - 0.50
7-00040	70079	U-233/234	0.628	0.0296	0.0707	2.02	0.00 - 0.50
7-00040	70079	U-235/236	0.0376	0.0453	0.0175	0.151	0.00 - 0.50
7-00040	70079	U-238	0.896	0.0126	0.0913	1.8	0.00 - 0.50
7-00041	70081	Ac-227	-0.0303 U	0.154	0.0458	0.217	0.00 - 0.50
7-00041	70081	Ac-228	0.945	0.08	0.0457	2.4	0.00 - 0.50
7-00041	70081	Am-241	0.0105 U	0.0329	0.0095	0.0454	0.00 - 0.50
7-00041	70081	Bi-212	0.62 J	0.108	0.0708	2.15	0.00 - 0.50
7-00041	70081	Bi-214	0.854	0.0243	0.0402	1.59	0.00 - 0.50
7-00041	70081	C-14	-0.104 U	0.713	0.212	2.96	0.00 - 0.50
7-00041	70081	Cd-113m	15.4 U	103	31.4	3030	0.00 - 0.50
7-00041	70081	Cm-243/244	0.016	0.0072	0.0066	0.0443	0.00 - 0.50
7-00041	70081	Co-60	-0.0015 U	0.0147	0.0043	0.028	0.00 - 0.50
7-00041	70081	Cs-134	0.0068 JS	0.0127	0.0046	0.0864	0.00 - 0.50
7-00041	70081	Cs-137	0.214 J	0.0146	0.014	0.207	0.00 - 0.50
7-00041	70081	Eu-152	-0.0004 U	0.0379	0.0121	0.0566	0.00 - 0.50
7-00041	70081	Eu-154	-0.0657 UJ	0.0803	0.0295	0.15	0.00 - 0.50
7-00041	70081	Eu-155	0.0635 JS	0.0525	0.0195	0.231	0.00 - 0.50
7-00041	70081	H-3	0.931 U	8.18	2.27	11.9	0.00 - 0.50
7-00041	70081	Ho-166m	-0.0089 U	0.02	0.0063	0.0432	0.00 - 0.50
7-00041	70081	K-40	20.7	0.106	1.16	32.4	0.00 - 0.50
7-00041	70081	Na-22	0.0013 U	0.0182	0.0055	0.037	0.00 - 0.50
7-00041	70081	Nb-94	0.0002 U	0.0123	0.0036	0.0214	0.00 - 0.50
7-00041	70081	Ni-59	0.594 U	6.31	1.58	5.96	0.00 - 0.50
7-00041	70081	Ni-63	0.0761 U	1.68	0.5	4.92	0.00 - 0.50
7-00041	70081	Np-236	-0.0049 U	0.0287	0.0089	0.047	0.00 - 0.50
7-00041	70081	Np-239	0.006 U	0.104	0.0303	0.139	0.00 - 0.50
7-00041	70081	Pa-231	-0.31 U	0.621	0.2	0.936	0.00 - 0.50
7-00041	70081	Pb-212	1.05	0.0277	0.0633	2.69	0.00 - 0.50
7-00041	70081	Pb-214	0.949	0.0271	0.0461	1.7	0.00 - 0.50
7-00041	70081	Pu-236	-0.0039 U	0.0213	0.0039	7.79	0.00 - 0.50
7-00041	70081	Pu-238	0.0111	0.0165	0.0061	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00041	70081	Pu-239/240	0.0159	0.026	0.0087	0.0404	0.00 - 0.50
7-00041	70081	Pu-244	-0.0019 U	0.0165	0.0032	0.0313	0.00 - 0.50
7-00041	70081	Sb-125	0.0098 U	0.0367	0.0111	0.354	0.00 - 0.50
7-00041	70081	Sn-126	-0.0015 U	0.0138	0.004	0.0237	0.00 - 0.50
7-00041	70081	Sr-90	2.12 J	0.285	0.275	0.485	0.00 - 0.50
7-00041	70081	Tc-99	-0.39 U	1.66	0.485	1.63	0.00 - 0.50
7-00041	70081	Th-228	0.993	0.108	0.112	3.98	0.00 - 0.50
7-00041	70081	Th-229	0.0078 U	0.084	0.0206	0.145	0.00 - 0.50
7-00041	70081	Th-230	0.716	0.0211	0.0862	2.2	0.00 - 0.50
7-00041	70081	Th-232	0.799	0.0571	0.0929	3.1	0.00 - 0.50
7-00041	70081	Th-234	1.16 J	0.221	0.118	3.19	0.00 - 0.50
7-00041	70081	Tl-208	0.304	0.0139	0.018	0.937	0.00 - 0.50
7-00041	70081	Tm-171	-6.06 U	8.77	3.32	72.4	0.00 - 0.50
7-00041	70081	U-233/234	0.696	0.0301	0.0764	2.02	0.00 - 0.50
7-00041	70081	U-235/236	0.0425	0.0372	0.0173	0.151	0.00 - 0.50
7-00041	70081	U-238	0.713	0.0128	0.0776	1.8	0.00 - 0.50
7-00041	70082	Ac-227	-0.0138 U	0.175	0.0537	0.217	1.00 - 5.00
7-00041	70082	Ac-228	0.967	0.0823	0.0489	2.4	1.00 - 5.00
7-00041	70082	Am-241	0.0022	0.0059	0.0022	0.0454	1.00 - 5.00
7-00041	70082	Bi-212	0.656 J	0.109	0.0722	2.15	1.00 - 5.00
7-00041	70082	Bi-214	0.821	0.0252	0.0384	1.59	1.00 - 5.00
7-00041	70082	Cd-113m	-18 U	116	38.8	3030	1.00 - 5.00
7-00041	70082	Cm-243/244	0.005	0.0138	0.0041	0.0443	1.00 - 5.00
7-00041	70082	Co-60	-0.0067 U	0.0147	0.0047	0.028	1.00 - 5.00
7-00041	70082	Cs-134	0.0042 U	0.0126	0.0043	0.0864	1.00 - 5.00
7-00041	70082	Cs-137	-0.0128 UJ	0.0143	0.0054	0.207	1.00 - 5.00
7-00041	70082	Eu-152	-0.0054 U	0.0405	0.0174	0.0566	1.00 - 5.00
7-00041	70082	Eu-154	0.0188 U	0.0817	0.0238	0.15	1.00 - 5.00
7-00041	70082	Eu-155	-0.0066 U	0.0635	0.0191	0.231	1.00 - 5.00
7-00041	70082	H-3	1.19 U	8.06	2.3	11.9	1.00 - 5.00
7-00041	70082	Ho-166m	0.0136 SJ	0.0219	0.0071	0.0432	1.00 - 5.00
7-00041	70082	K-40	19.2	0.122	1.17	32.4	1.00 - 5.00
7-00041	70082	Na-22	0.004 U	0.0182	0.0054	0.037	1.00 - 5.00
7-00041	70082	Nb-94	0.0039 U	0.0128	0.0039	0.0214	1.00 - 5.00
7-00041	70082	Ni-59	-0.901 U	6.29	1.71	5.96	1.00 - 5.00
7-00041	70082	Ni-63	-0.0355 U	1.5	0.444	4.92	1.00 - 5.00
7-00041	70082	Np-236	0.0045 U	0.034	0.0102	0.047	1.00 - 5.00
7-00041	70082	Np-239	0.0544 U	0.117	0.0376	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet - bgs)
7-00041	70082	Pa-231	-0.322 U	0.71	0.242	0.936	1.00 - 5.00
7-00041	70082	Pb-212	1.15	0.0311	0.0708	2.69	1.00 - 5.00
7-00041	70082	Pb-214	0.945	0.0293	0.0447	1.7	1.00 - 5.00
7-00041	70082	Pu-236	0.0089	0.0209	0.0064	7.79	1.00 - 5.00
7-00041	70082	Pu-238	0.0059 U	0.0259	0.0071	0.0415	1.00 - 5.00
7-00041	70082	Pu-239/240	-0.0051 U	0.0259	0.005	0.0404	1.00 - 5.00
7-00041	70082	Pu-244	0.025 J	0.0141	0.0079	0.0313	1.00 - 5.00
7-00041	70082	Sb-125	0.0229 SJ	0.0401	0.0127	0.354	1.00 - 5.00
7-00041	70082	Sn-126	0.0054 U	0.0145	0.0044	0.0237	1.00 - 5.00
7-00041	70082	Sr-90	0.203	0.22	0.0749	0.485	1.00 - 5.00
7-00041	70082	Tc-99	-0.074 U	0.815	0.242	1.63	1.00 - 5.00
7-00041	70082	Th-228	1.23	0.102	0.125	3.98	1.00 - 5.00
7-00041	70082	Th-229	0.0147 U	0.0883	0.0233	0.145	1.00 - 5.00
7-00041	70082	Th-230	0.968	0.0199	0.102	2.2	1.00 - 5.00
7-00041	70082	Th-232	1.13	0.0538	0.114	3.1	1.00 - 5.00
7-00041	70082	Th-234	1.47 J	0.274	0.152	3.19	1.00 - 5.00
7-00041	70082	Tl-208	0.361	0.0139	0.0211	0.937	1.00 - 5.00
7-00041	70082	Tm-171	-17.6 UJ	13.3	6.25	72.4	1.00 - 5.00
7-00041	70082	U-233/234	0.979	0.0096	0.0906	2.02	1.00 - 5.00
7-00041	70082	U-235/236	0.0669	0.0279	0.0184	0.151	1.00 - 5.00
7-00041	70082	U-238	1.04	0.0226	0.0951	1.8	1.00 - 5.00
7-00042	70083	Ac-227	-0.0485 U	0.177	0.0552	0.217	0.00 - 0.50
7-00042	70083	Ac-228	1.17	0.0878	0.057	2.4	0.00 - 0.50
7-00042	70083	Am-241	0.0008 UJ	0.0185	0.0036	0.0454	0.00 - 0.50
7-00042	70083	Bi-212	0.817	0.122	0.0698	2.15	0.00 - 0.50
7-00042	70083	Bi-214	0.953	0.0285	0.0441	1.59	0.00 - 0.50
7-00042	70083	Cd-113m	-4.33 U	120	37.7	3030	0.00 - 0.50
7-00042	70083	Cm-243/244	0.0016 UJ	0.023	0.0051	0.0443	0.00 - 0.50
7-00042	70083	Co-60	-0.0009 U	0.016	0.0048	0.028	0.00 - 0.50
7-00042	70083	Cs-134	0.0076 JS	0.0142	0.005	0.0864	0.00 - 0.50
7-00042	70083	Cs-137	0.0406	0.0168	0.0058	0.207	0.00 - 0.50
7-00042	70083	Eu-152	-0.0351 U	0.0427	0.0177	0.0566	0.00 - 0.50
7-00042	70083	Eu-154	0.007 U	0.0936	0.0273	0.15	0.00 - 0.50
7-00042	70083	Eu-155	0.0753 JS	0.0614	0.0216	0.231	0.00 - 0.50
7-00042	70083	Ho-166m	-0.0083 U	0.0239	0.0076	0.0432	0.00 - 0.50
7-00042	70083	K-40	23.8	0.111	1.41	32.4	0.00 - 0.50
7-00042	70083	Na-22	-0.0041 U	0.0197	0.006	0.037	0.00 - 0.50
7-00042	70083	Nb-94	-0.0016 U	0.0141	0.0043	0.0214	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00042	70083	Np-236	-0.0177 U	0.0331	0.0107	0.047	0.00 - 0.50
7-00042	70083	Np-239	-0.0261 U	0.12	0.0371	0.139	0.00 - 0.50
7-00042	70083	Pa-231	-0.0777 U	0.742	0.236	0.936	0.00 - 0.50
7-00042	70083	Pb-212	1.38	0.031	0.0844	2.69	0.00 - 0.50
7-00042	70083	Pb-214	1.07	0.0315	0.0521	1.7	0.00 - 0.50
7-00042	70083	Pu-236	-0.0023 U	0.04	0.0093	7.79	0.00 - 0.50
7-00042	70083	Pu-238	-0.0036 U	0.0422	0.0099	0.0415	0.00 - 0.50
7-00042	70083	Pu-239/240	0.0046 U	0.0233	0.0059	0.0404	0.00 - 0.50
7-00042	70083	Pu-244	0.0059	0.008	0.0042	0.0313	0.00 - 0.50
7-00042	70083	Sb-125	-0.006 U	0.0406	0.012	0.354	0.00 - 0.50
7-00042	70083	Sn-126	0.0066 U	0.0162	0.005	0.0237	0.00 - 0.50
7-00042	70083	Sr-90	-0.102 U	0.232	0.0578	0.485	0.00 - 0.50
7-00042	70083	Th-228	1.21	0.124	0.114	3.98	0.00 - 0.50
7-00042	70083	Th-229	0.0341	0.0683	0.0213	0.145	0.00 - 0.50
7-00042	70083	Th-230	0.839	0.0417	0.0842	2.2	0.00 - 0.50
7-00042	70083	Th-232	0.995	0.0416	0.0942	3.1	0.00 - 0.50
7-00042	70083	Th-234	1.19	0.263	0.116	3.19	0.00 - 0.50
7-00042	70083	Tl-208	0.426	0.015	0.0247	0.937	0.00 - 0.50
7-00042	70083	Tm-171	-0.555 U	10.8	3.77	72.4	0.00 - 0.50
7-00042	70083	U-233/234	0.85	0.0419	0.0919	2.02	0.00 - 0.50
7-00042	70083	U-235/236	0.0656	0.0178	0.0213	0.151	0.00 - 0.50
7-00042	70083	U-238	0.858	0.0419	0.0926	1.8	0.00 - 0.50
7-00043	70085	Ac-227	-0.0467 U	0.16	0.0489	0.217	0.00 - 0.50
7-00043	70085	Ac-228	1.06	0.0889	0.0512	2.4	0.00 - 0.50
7-00043	70085	Am-241	0.0068	0.0168	0.0052	0.0454	0.00 - 0.50
7-00043	70085	Bi-212	0.845	0.118	0.0741	2.15	0.00 - 0.50
7-00043	70085	Bi-214	0.7	0.0264	0.0351	1.59	0.00 - 0.50
7-00043	70085	Cd-113m	2.36 U	107	33.9	3030	0.00 - 0.50
7-00043	70085	Cm-243/244	0.0051 U	0.0207	0.0055	0.0443	0.00 - 0.50
7-00043	70085	Co-60	0.0022 U	0.0159	0.0046	0.028	0.00 - 0.50
7-00043	70085	Cs-134	0.0002 U	0.0132	0.0044	0.0864	0.00 - 0.50
7-00043	70085	Cs-137	0.0233	0.016	0.0054	0.207	0.00 - 0.50
7-00043	70085	Eu-152	-0.0143 U	0.0404	0.0131	0.0566	0.00 - 0.50
7-00043	70085	Eu-154	-0.0495 U	0.09	0.0293	0.15	0.00 - 0.50
7-00043	70085	Eu-155	0.0942 JS	0.0546	0.0261	0.231	0.00 - 0.50
7-00043	70085	Ho-166m	0.0025 U	0.0237	0.007	0.0432	0.00 - 0.50
7-00043	70085	K-40	20.6	0.122	1.12	32.4	0.00 - 0.50
7-00043	70085	Na-22	0.0009 U	0.0199	0.0058	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00043	70085	Nb-94	0.0008 U	0.0135	0.004	0.0214	0.00 - 0.50
7-00043	70085	Np-236	0.0145 U	0.0304	0.0097	0.047	0.00 - 0.50
7-00043	70085	Np-239	0.0198 U	0.106	0.0313	0.139	0.00 - 0.50
7-00043	70085	Pa-231	-0.0989 U	0.666	0.206	0.936	0.00 - 0.50
7-00043	70085	Pb-212	1.15	0.0278	0.0661	2.69	0.00 - 0.50
7-00043	70085	Pb-214	0.765	0.0288	0.0381	1.7	0.00 - 0.50
7-00043	70085	Pu-238	0.0018 U	0.0129	0.003	0.0415	0.00 - 0.50
7-00043	70085	Pu-239/240	0 U	0.0129	0.0025	0.0404	0.00 - 0.50
7-00043	70085	Pu-244	0.0052 U	0.0162	0.0046	0.0313	0.00 - 0.50
7-00043	70085	Sb-125	-0.0101 U	0.0376	0.0117	0.354	0.00 - 0.50
7-00043	70085	Sn-126	0.0043 U	0.0158	0.0047	0.0237	0.00 - 0.50
7-00043	70085	Sr-90	0.0145 U	0.167	0.0448	0.485	0.00 - 0.50
7-00043	70085	Th-228	1.11	0.0666	0.111	3.98	0.00 - 0.50
7-00043	70085	Th-229	0 U	0.0622	0.0134	0.145	0.00 - 0.50
7-00043	70085	Th-230	0.661	0.0492	0.0775	2.2	0.00 - 0.50
7-00043	70085	Th-232	1.05	0.0619	0.104	3.1	0.00 - 0.50
7-00043	70085	Th-234	1.3 J	0.241	0.132	3.19	0.00 - 0.50
7-00043	70085	Tl-208	0.377	0.0148	0.0223	0.937	0.00 - 0.50
7-00043	70085	Tm-171	-2.21 U	9.7	3.28	72.4	0.00 - 0.50
7-00043	70085	U-233/234	0.734	0.0394	0.0777	2.02	0.00 - 0.50
7-00043	70085	U-235/236	0.0476	0.0487	0.0194	0.151	0.00 - 0.50
7-00043	70085	U-238	0.744	0.0394	0.0785	1.8	0.00 - 0.50
7-00044	70087	Ac-227	0.0336 U	0.207	0.0618	0.217	0.00 - 0.50
7-00044	70087	Ac-228	1.23	0.102	0.0617	2.4	0.00 - 0.50
7-00044	70087	Am-241	0.0087	0.0129	0.0048	0.0454	0.00 - 0.50
7-00044	70087	Bi-212	0.831	0.143	0.0778	2.15	0.00 - 0.50
7-00044	70087	Bi-214	0.848	0.032	0.0422	1.59	0.00 - 0.50
7-00044	70087	Cd-113m	-6.44 U	138	41.2	3030	0.00 - 0.50
7-00044	70087	Cm-243/244	0.0008 U	0.0222	0.0052	0.0443	0.00 - 0.50
7-00044	70087	Co-60	-0.0093 U	0.0182	0.006	0.028	0.00 - 0.50
7-00044	70087	Cs-134	-0.0016 U	0.016	0.0055	0.0864	0.00 - 0.50
7-00044	70087	Cs-137	0.0196	0.0186	0.0068	0.207	0.00 - 0.50
7-00044	70087	Eu-152	-0.0462 UJ	0.0482	0.0198	0.0566	0.00 - 0.50
7-00044	70087	Eu-154	-0.0323 U	0.0997	0.0306	0.15	0.00 - 0.50
7-00044	70087	Eu-155	0.041 SJ	0.0762	0.0251	0.231	0.00 - 0.50
7-00044	70087	Ho-166m	0.0252 SJ	0.0299	0.0103	0.0432	0.00 - 0.50
7-00044	70087	K-40	19.4	0.148	1.2	32.4	0.00 - 0.50
7-00044	70087	Na-22	-0.0043 U	0.0224	0.0068	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00044	70087	Nb-94	0.0085 SJ	0.0165	0.0052	0.0214	0.00 - 0.50
7-00044	70087	Np-236	-0.0163 U	0.0398	0.013	0.047	0.00 - 0.50
7-00044	70087	Np-239	-0.0044 U	0.14	0.0414	0.139	0.00 - 0.50
7-00044	70087	Pa-231	0.192 U	0.855	0.277	0.936	0.00 - 0.50
7-00044	70087	Pb-212	1.42	0.0356	0.0919	2.69	0.00 - 0.50
7-00044	70087	Pb-214	0.986	0.0372	0.0493	1.7	0.00 - 0.50
7-00044	70087	Pu-236	0.0032 U	0.0159	0.004	7.79	0.00 - 0.50
7-00044	70087	Pu-238	0	0.0065	0.0024	0.0415	0.00 - 0.50
7-00044	70087	Pu-239/240	-0.0052 U	0.0218	0.0039	0.0404	0.00 - 0.50
7-00044	70087	Pu-244	0.0048	0.0065	0.0034	0.0313	0.00 - 0.50
7-00044	70087	Sb-125	0.0049 U	0.0477	0.0145	0.354	0.00 - 0.50
7-00044	70087	Sn-126	-0.0023 U	0.0184	0.0055	0.0237	0.00 - 0.50
7-00044	70087	Sr-90	0.0027 U	0.14	0.0373	0.485	0.00 - 0.50
7-00044	70087	Th-228	1.1	0.0904	0.11	3.98	0.00 - 0.50
7-00044	70087	Th-229	-0.0065 U	0.0605	0.0113	0.145	0.00 - 0.50
7-00044	70087	Th-230	0.929	0.0176	0.0945	2.2	0.00 - 0.50
7-00044	70087	Th-232	1.41	0.0477	0.126	3.1	0.00 - 0.50
7-00044	70087	Th-234	1.44 J	0.325	0.182	3.19	0.00 - 0.50
7-00044	70087	Tl-208	0.432	0.0177	0.0254	0.937	0.00 - 0.50
7-00044	70087	Tm-171	-5.01 U	17.3	5.99	72.4	0.00 - 0.50
7-00044	70087	U-233/234	1.02	0.016	0.109	2.02	0.00 - 0.50
7-00044	70087	U-235/236	0.0385	0.0464	0.0188	0.151	0.00 - 0.50
7-00044	70087	U-238	1.05	0.0465	0.111	1.8	0.00 - 0.50
7-00045	70089	Ac-227	-0.0492 U	0.231	0.0705	0.217	0.00 - 0.50
7-00045	70089	Ac-228	1.02	0.0939	0.0511	2.4	0.00 - 0.50
7-00045	70089	Am-241	0.0035 UJ	0.0309	0.0076	0.0454	0.00 - 0.50
7-00045	70089	Bi-212	0.772	0.127	0.0735	2.15	0.00 - 0.50
7-00045	70089	Bi-214	0.743	0.0331	0.038	1.59	0.00 - 0.50
7-00045	70089	Cd-113m	-52.8 U	152	49.1	3030	0.00 - 0.50
7-00045	70089	Cm-243/244	0.0031	0.0084	0.0031	0.0443	0.00 - 0.50
7-00045	70089	Co-60	-0.0013 U	0.018	0.0052	0.028	0.00 - 0.50
7-00045	70089	Cs-134	0.0162 SJ	0.0171	0.0067	0.0864	0.00 - 0.50
7-00045	70089	Cs-137	3.6	0.019	0.196	0.207	0.00 - 0.50
7-00045	70089	Eu-152	-0.0438 U	0.0571	0.0229	0.0566	0.00 - 0.50
7-00045	70089	Eu-154	-0.0312 U	0.0964	0.0298	0.15	0.00 - 0.50
7-00045	70089	Eu-155	0.0497 SJ	0.0776	0.0262	0.231	0.00 - 0.50
7-00045	70089	Ho-166m	-0.0002 U	0.0247	0.0074	0.0432	0.00 - 0.50
7-00045	70089	K-40	22.1	0.112	1.39	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00045	70089	Na-22	-0.002 U	0.0226	0.008	0.037	0.00 - 0.50
7-00045	70089	Nb-94	0.0029 U	0.0144	0.0043	0.0214	0.00 - 0.50
7-00045	70089	Np-236	-0.0088 U	0.0407	0.0127	0.047	0.00 - 0.50
7-00045	70089	Np-239	-0.104 UJ	0.147	0.0508	0.139	0.00 - 0.50
7-00045	70089	Pa-231	-0.339 U	0.942	0.297	0.936	0.00 - 0.50
7-00045	70089	Pb-212	1.16	0.0403	0.0717	2.69	0.00 - 0.50
7-00045	70089	Pb-214	0.884	0.0415	0.0456	1.7	0.00 - 0.50
7-00045	70089	Pu-236	-0.0133 U	0.04	0.008	7.79	0.00 - 0.50
7-00045	70089	Pu-238	0.0032 U	0.0338	0.0086	0.0415	0.00 - 0.50
7-00045	70089	Pu-239/240	0.0284	0.007	0.0087	0.0404	0.00 - 0.50
7-00045	70089	Pu-244	0.0052	0.007	0.0037	0.0313	0.00 - 0.50
7-00045	70089	Sb-125	0.0103 U	0.0625	0.0183	0.354	0.00 - 0.50
7-00045	70089	Sn-126	0.0052 U	0.0165	0.005	0.0237	0.00 - 0.50
7-00045	70089	Sr-90	-0.0377 U	0.227	0.0601	0.485	0.00 - 0.50
7-00045	70089	Th-228	1.23	0.122	0.128	3.98	0.00 - 0.50
7-00045	70089	Th-229	0.0844	0.0713	0.0301	0.145	0.00 - 0.50
7-00045	70089	Th-230	0.773	0.0824	0.092	2.2	0.00 - 0.50
7-00045	70089	Th-232	1.21	0.0917	0.123	3.1	0.00 - 0.50
7-00045	70089	Th-234	1.4 J	0.322	0.166	3.19	0.00 - 0.50
7-00045	70089	Tl-208	0.353	0.0187	0.0223	0.937	0.00 - 0.50
7-00045	70089	Tm-171	1.2 U	16.8	5.26	72.4	0.00 - 0.50
7-00045	70089	U-233/234	2.09 J	0.0588	0.192	2.02	0.00 - 0.50
7-00045	70089	U-235/236	0.12	0.0572	0.0329	0.151	0.00 - 0.50
7-00045	70089	U-238	1.01	0.0531	0.109	1.8	0.00 - 0.50
7-00046	70091	Ac-227	-0.0328 U	0.16	0.0477	0.217	0.00 - 0.50
7-00046	70091	Ac-228	1.15	0.0765	0.0534	2.4	0.00 - 0.50
7-00046	70091	Am-241	0.0049	0.0067	0.0035	0.0454	0.00 - 0.50
7-00046	70091	Bi-212	0.901	0.111	0.0693	2.15	0.00 - 0.50
7-00046	70091	Bi-214	0.919	0.0248	0.0423	1.59	0.00 - 0.50
7-00046	70091	Cd-113m	39.2 U	105	32.9	3030	0.00 - 0.50
7-00046	70091	Cm-243/244	0.0005 U	0.0206	0.0044	0.0443	0.00 - 0.50
7-00046	70091	Co-60	-0.0034 U	0.0144	0.0043	0.028	0.00 - 0.50
7-00046	70091	Cs-134	-0.0004 U	0.0125	0.0044	0.0864	0.00 - 0.50
7-00046	70091	Cs-137	0.134	0.0135	0.0102	0.207	0.00 - 0.50
7-00046	70091	Eu-152	-0.0315 UJ	0.0377	0.0141	0.0566	0.00 - 0.50
7-00046	70091	Eu-154	-0.0304 U	0.0806	0.0255	0.15	0.00 - 0.50
7-00046	70091	Eu-155	0.0806 JS	0.0543	0.0231	0.231	0.00 - 0.50
7-00046	70091	Ho-166m	0.0023 U	0.0212	0.0062	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00046	70091	K-40	21.8	0.11	1.22	32.4	0.00 - 0.50
7-00046	70091	Na-22	0.0016 U	0.0174	0.0055	0.037	0.00 - 0.50
7-00046	70091	Nb-94	0.0015 U	0.0124	0.0036	0.0214	0.00 - 0.50
7-00046	70091	Np-236	-0.0158 U	0.0296	0.0099	0.047	0.00 - 0.50
7-00046	70091	Np-239	-0.0706 U	0.105	0.0356	0.139	0.00 - 0.50
7-00046	70091	Pa-231	-0.211 U	0.642	0.204	0.936	0.00 - 0.50
7-00046	70091	Pb-212	1.33	0.0272	0.0795	2.69	0.00 - 0.50
7-00046	70091	Pb-214	0.967	0.0276	0.0468	1.7	0.00 - 0.50
7-00046	70091	Pu-238	-0.0018 U	0.016	0.0031	0.0415	0.00 - 0.50
7-00046	70091	Pu-239/240	-0.0011 U	0.0198	0.0036	0.0404	0.00 - 0.50
7-00046	70091	Pu-244	-0.0011 U	0.0198	0.0036	0.0313	0.00 - 0.50
7-00046	70091	Sb-125	0.0018 U	0.0367	0.011	0.354	0.00 - 0.50
7-00046	70091	Sn-126	0.0014 U	0.0139	0.004	0.0237	0.00 - 0.50
7-00046	70091	Sr-90	1.64 J	0.291	0.214	0.485	0.00 - 0.50
7-00046	70091	Th-228	1.61	0.0551	0.144	3.98	0.00 - 0.50
7-00046	70091	Th-229	0 U	0.0917	0.0221	0.145	0.00 - 0.50
7-00046	70091	Th-230	0.99	0.0189	0.101	2.2	0.00 - 0.50
7-00046	70091	Th-232	1.33	0.0512	0.123	3.1	0.00 - 0.50
7-00046	70091	Th-234	1.41	0.234	0.137	3.19	0.00 - 0.50
7-00046	70091	Tl-208	0.406	0.0145	0.0224	0.937	0.00 - 0.50
7-00046	70091	Tm-171	-0.58 U	9.19	3.09	72.4	0.00 - 0.50
7-00046	70091	U-233/234	1.08	0.0508	0.108	2.02	0.00 - 0.50
7-00046	70091	U-235/236	0.05	0.0169	0.0181	0.151	0.00 - 0.50
7-00046	70091	U-238	0.856	0.0322	0.0908	1.8	0.00 - 0.50
7-00046	70092	Ac-227	0.012 U	0.162	0.0482	0.217	1.00 - 3.80
7-00046	70092	Ac-228	1.1	0.0803	0.0539	2.4	1.00 - 3.80
7-00046	70092	Am-241	0.0066	0.0059	0.0038	0.0454	1.00 - 3.80
7-00046	70092	Bi-212	0.802	0.107	0.0681	2.15	1.00 - 3.80
7-00046	70092	Bi-214	0.876	0.0248	0.0416	1.59	1.00 - 3.80
7-00046	70092	Cd-113m	-33.9 U	106	34.1	3030	1.00 - 3.80
7-00046	70092	Cm-243/244	0.0043 U	0.0273	0.0072	0.0443	1.00 - 3.80
7-00046	70092	Co-60	0.0039 U	0.0147	0.0044	0.028	1.00 - 3.80
7-00046	70092	Cs-134	0.0079 JS	0.0122	0.0043	0.0864	1.00 - 3.80
7-00046	70092	Cs-137	-0.0052 U	0.0142	0.0044	0.207	1.00 - 3.80
7-00046	70092	Eu-152	-0.0377 UJ	0.0383	0.0158	0.0566	1.00 - 3.80
7-00046	70092	Eu-154	-0.0417 U	0.08	0.0264	0.15	1.00 - 3.80
7-00046	70092	Eu-155	0.0466 JS	0.0574	0.0184	0.231	1.00 - 3.80
7-00046	70092	Ho-166m	-0.0124 U	0.0202	0.0068	0.0432	1.00 - 3.80

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00046	70092	K-40	20.9	0.108	1.21	32.4	1.00 - 3.80
7-00046	70092	Na-22	-0.004 U	0.0171	0.0053	0.037	1.00 - 3.80
7-00046	70092	Nb-94	-0.0003 U	0.0126	0.0037	0.0214	1.00 - 3.80
7-00046	70092	Np-236	0.0038 U	0.0317	0.0093	0.047	1.00 - 3.80
7-00046	70092	Np-239	0.0216 U	0.109	0.0326	0.139	1.00 - 3.80
7-00046	70092	Pa-231	0.0265 U	0.668	0.199	0.936	1.00 - 3.80
7-00046	70092	Pb-212	1.28	0.0279	0.0819	2.69	1.00 - 3.80
7-00046	70092	Pb-214	0.96	0.0276	0.0484	1.7	1.00 - 3.80
7-00046	70092	Pu-238	0.005	0.0068	0.0036	0.0415	1.00 - 3.80
7-00046	70092	Pu-239/240	0.0082	0.0159	0.0053	0.0404	1.00 - 3.80
7-00046	70092	Pu-244	0	0.0068	0.0025	0.0313	1.00 - 3.80
7-00046	70092	Sb-125	-0.0031 U	0.0366	0.0112	0.354	1.00 - 3.80
7-00046	70092	Sn-126	0.0018 U	0.0141	0.0041	0.0237	1.00 - 3.80
7-00046	70092	Sr-90	0.152	0.217	0.0709	0.485	1.00 - 3.80
7-00046	70092	Th-228	1.35 J	0.178	0.154	3.98	1.00 - 3.80
7-00046	70092	Th-229	0.0101 UJ	0.0943	0.0227	0.145	1.00 - 3.80
7-00046	70092	Th-230	0.952	0.094	0.117	2.2	1.00 - 3.80
7-00046	70092	Th-232	1.12	0.0274	0.128	3.1	1.00 - 3.80
7-00046	70092	Th-234	1.27	0.248	0.126	3.19	1.00 - 3.80
7-00046	70092	Tl-208	0.371	0.0143	0.0214	0.937	1.00 - 3.80
7-00046	70092	Tm-171	-4.82 U	10.2	3.78	72.4	1.00 - 3.80
7-00046	70092	U-233/234	1.02	0.035	0.0958	2.02	1.00 - 3.80
7-00046	70092	U-235/236	0.0861	0.013	0.0212	0.151	1.00 - 3.80
7-00046	70092	U-238	1.01	0.0105	0.0948	1.8	1.00 - 3.80
7-00047	70093	Ac-227	0.02 U	0.177	0.0538	0.217	0.00 - 0.50
7-00047	70093	Ac-228	1.05	0.0869	0.0516	2.4	0.00 - 0.50
7-00047	70093	Am-241	0.0052 U	0.0161	0.0046	0.0454	0.00 - 0.50
7-00047	70093	Bi-212	0.782	0.116	0.072	2.15	0.00 - 0.50
7-00047	70093	Bi-214	0.798	0.0269	0.039	1.59	0.00 - 0.50
7-00047	70093	Cd-113m	-4.47 U	118	37.2	3030	0.00 - 0.50
7-00047	70093	Cm-243/244	0.0012 U	0.0162	0.0036	0.0443	0.00 - 0.50
7-00047	70093	Co-60	0.0013 UJ	0.0157	0.0045	0.028	0.00 - 0.50
7-00047	70093	Cs-134	0.0115 JS	0.0138	0.0052	0.0864	0.00 - 0.50
7-00047	70093	Cs-137	0.109	0.0162	0.0091	0.207	0.00 - 0.50
7-00047	70093	Eu-152	-0.0165 U	0.0419	0.0155	0.0566	0.00 - 0.50
7-00047	70093	Eu-154	-0.0607 UJ	0.0833	0.03	0.15	0.00 - 0.50
7-00047	70093	Eu-155	0.0599 JS	0.0631	0.0242	0.231	0.00 - 0.50
7-00047	70093	Ho-166m	-0.0073 U	0.0232	0.0072	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00047	70093	K-40	21.3	0.106	1.24	32.4	0.00 - 0.50
7-00047	70093	Na-22	0.0036 U	0.0197	0.0057	0.037	0.00 - 0.50
7-00047	70093	Nb-94	0.0022 U	0.0133	0.004	0.0214	0.00 - 0.50
7-00047	70093	Np-236	0.0021 U	0.0345	0.0106	0.047	0.00 - 0.50
7-00047	70093	Np-239	-0.0341 U	0.117	0.0367	0.139	0.00 - 0.50
7-00047	70093	Pa-231	0.0975 U	0.731	0.223	0.936	0.00 - 0.50
7-00047	70093	Pb-212	1.19	0.03	0.0725	2.69	0.00 - 0.50
7-00047	70093	Pb-214	0.819	0.0302	0.0403	1.7	0.00 - 0.50
7-00047	70093	Pu-236	-0.0079 U	0.0332	0.0058	7.79	0.00 - 0.50
7-00047	70093	Pu-238	0.0183	0.0384	0.0119	0.0415	0.00 - 0.50
7-00047	70093	Pu-239/240	0.0096	0.0187	0.0063	0.0404	0.00 - 0.50
7-00047	70093	Pu-244	0.0008 U	0.0187	0.0036	0.0313	0.00 - 0.50
7-00047	70093	Sb-125	0.0088 U	0.0405	0.0119	0.354	0.00 - 0.50
7-00047	70093	Sn-126	-0.0008 U	0.0151	0.0045	0.0237	0.00 - 0.50
7-00047	70093	Sr-90	0.185	0.258	0.0842	0.485	0.00 - 0.50
7-00047	70093	Th-228	1.29	0.0796	0.124	3.98	0.00 - 0.50
7-00047	70093	Th-229	0.0424	0.052	0.0201	0.145	0.00 - 0.50
7-00047	70093	Th-230	0.86	0.0191	0.0926	2.2	0.00 - 0.50
7-00047	70093	Th-232	1.26	0.019	0.119	3.1	0.00 - 0.50
7-00047	70093	Th-234	1.47 J	0.274	0.155	3.19	0.00 - 0.50
7-00047	70093	Tl-208	0.364	0.0153	0.0212	0.937	0.00 - 0.50
7-00047	70093	Tm-171	-2.58 U	12.7	4.31	72.4	0.00 - 0.50
7-00047	70093	U-233/234	0.666	0.0518	0.0796	2.02	0.00 - 0.50
7-00047	70093	U-235/236	0.0161	0.045	0.0133	0.151	0.00 - 0.50
7-00047	70093	U-238	0.812	0.0155	0.0907	1.8	0.00 - 0.50
7-00048	70095	Ac-227	-0.0317 U	0.177	0.0523	0.217	0.00 - 0.50
7-00048	70095	Ac-228	1.17	0.0918	0.0571	2.4	0.00 - 0.50
7-00048	70095	Am-241	0.0038 U	0.0186	0.0048	0.0454	0.00 - 0.50
7-00048	70095	Bi-212	0.92	0.115	0.0802	2.15	0.00 - 0.50
7-00048	70095	Bi-214	0.879	0.0264	0.042	1.59	0.00 - 0.50
7-00048	70095	Cd-113m	45.1 U	118	35.5	3030	0.00 - 0.50
7-00048	70095	Cm-243/244	0.0103	0.0056	0.0046	0.0443	0.00 - 0.50
7-00048	70095	Co-60	0.0012 U	0.0167	0.0049	0.028	0.00 - 0.50
7-00048	70095	Cs-134	0.0012 U	0.0135	0.0046	0.0864	0.00 - 0.50
7-00048	70095	Cs-137	0.134	0.0153	0.0099	0.207	0.00 - 0.50
7-00048	70095	Eu-152	0.0112 U	0.0433	0.0138	0.0566	0.00 - 0.50
7-00048	70095	Eu-154	-0.0674 UJ	0.0908	0.0322	0.15	0.00 - 0.50
7-00048	70095	Eu-155	0.0932 JS	0.0599	0.0259	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00048	70095	Ho-166m	0.0006 U	0.0238	0.0072	0.0432	0.00 - 0.50
7-00048	70095	K-40	23.2	0.111	1.3	32.4	0.00 - 0.50
7-00048	70095	Na-22	-0.0039 U	0.0194	0.0059	0.037	0.00 - 0.50
7-00048	70095	Nb-94	-0.0029 U	0.0134	0.0042	0.0214	0.00 - 0.50
7-00048	70095	Np-236	-0.0029 U	0.0332	0.0101	0.047	0.00 - 0.50
7-00048	70095	Np-239	0.0256 U	0.119	0.0373	0.139	0.00 - 0.50
7-00048	70095	Pa-231	0.348 U	0.745	0.229	0.936	0.00 - 0.50
7-00048	70095	Pb-212	1.29	0.0313	0.0761	2.69	0.00 - 0.50
7-00048	70095	Pb-214	0.948	0.0309	0.0452	1.7	0.00 - 0.50
7-00048	70095	Pu-236	0.0069	0.0193	0.0057	7.79	0.00 - 0.50
7-00048	70095	Pu-238	0.0046 U	0.023	0.0059	0.0415	0.00 - 0.50
7-00048	70095	Pu-239/240	0.0088	0.0079	0.0051	0.0404	0.00 - 0.50
7-00048	70095	Pu-244	0.0088	0.0079	0.0051	0.0313	0.00 - 0.50
7-00048	70095	Sb-125	-0.0115 U	0.0404	0.0124	0.354	0.00 - 0.50
7-00048	70095	Sn-126	0.0144 J	0.0162	0.0058	0.0237	0.00 - 0.50
7-00048	70095	Sr-90	0.0112 U	0.197	0.0543	0.485	0.00 - 0.50
7-00048	70095	Th-228	1.37	0.118	0.13	3.98	0.00 - 0.50
7-00048	70095	Th-229	0.0472	0.0726	0.0245	0.145	0.00 - 0.50
7-00048	70095	Th-230	1.15	0.0495	0.111	2.2	0.00 - 0.50
7-00048	70095	Th-232	1.28	0.0182	0.119	3.1	0.00 - 0.50
7-00048	70095	Th-234	1.31 J	0.26	0.147	3.19	0.00 - 0.50
7-00048	70095	Tl-208	0.415	0.0156	0.0237	0.937	0.00 - 0.50
7-00048	70095	Tm-171	-8.42 U	11.3	4.32	72.4	0.00 - 0.50
7-00048	70095	U-233/234	0.759	0.0435	0.0924	2.02	0.00 - 0.50
7-00048	70095	U-235/236	0.0361	0.0537	0.02	0.151	0.00 - 0.50
7-00048	70095	U-238	0.689	0.0185	0.0861	1.8	0.00 - 0.50
7-00048	70096	Ac-227	-0.0311 U	0.183	0.0553	0.217	1.00 - 5.00
7-00048	70096	Ac-228	1.15	0.0937	0.0568	2.4	1.00 - 5.00
7-00048	70096	Am-241	0.0057 U	0.0181	0.0051	0.0454	1.00 - 5.00
7-00048	70096	Bi-212	0.707	0.13	0.0682	2.15	1.00 - 5.00
7-00048	70096	Bi-214	0.821	0.0271	0.0403	1.59	1.00 - 5.00
7-00048	70096	Cd-113m	-34.2 U	122	37.5	3030	1.00 - 5.00
7-00048	70096	Cm-243/244	0.0046	0.0127	0.0038	0.0443	1.00 - 5.00
7-00048	70096	Co-60	0.0005 U	0.0178	0.0051	0.028	1.00 - 5.00
7-00048	70096	Cs-134	-0.0056 U	0.0132	0.0048	0.0864	1.00 - 5.00
7-00048	70096	Cs-137	-0.0042 U	0.0163	0.005	0.207	1.00 - 5.00
7-00048	70096	Eu-152	-0.0013 U	0.0443	0.0183	0.0566	1.00 - 5.00
7-00048	70096	Eu-154	-0.0474 U	0.0965	0.0313	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00048	70096	Eu-155	0.0534 JS	0.0645	0.0243	0.231	1.00 - 5.00
7-00048	70096	Ho-166m	-0.0035 U	0.0249	0.0076	0.0432	1.00 - 5.00
7-00048	70096	K-40	22.6	0.129	1.42	32.4	1.00 - 5.00
7-00048	70096	Na-22	-0.0064 U	0.0213	0.0067	0.037	1.00 - 5.00
7-00048	70096	Nb-94	0.0073 U	0.015	0.0047	0.0214	1.00 - 5.00
7-00048	70096	Np-236	-0.001 U	0.0355	0.0109	0.047	1.00 - 5.00
7-00048	70096	Np-239	-0.0016 U	0.125	0.0369	0.139	1.00 - 5.00
7-00048	70096	Pa-231	0.174 U	0.779	0.235	0.936	1.00 - 5.00
7-00048	70096	Pb-212	1.28	0.0307	0.0777	2.69	1.00 - 5.00
7-00048	70096	Pb-214	0.868	0.0315	0.0427	1.7	1.00 - 5.00
7-00048	70096	Pu-238	-0.0031 U	0.0171	0.0031	0.0415	1.00 - 5.00
7-00048	70096	Pu-239/240	-0.0013 U	0.0236	0.0051	0.0404	1.00 - 5.00
7-00048	70096	Pu-244	0.0087	0.0059	0.0044	0.0313	1.00 - 5.00
7-00048	70096	Sb-125	-0.0183 U	0.0401	0.0126	0.354	1.00 - 5.00
7-00048	70096	Sn-126	0.004 U	0.0163	0.0049	0.0237	1.00 - 5.00
7-00048	70096	Sr-90	0.182	0.229	0.0745	0.485	1.00 - 5.00
7-00048	70096	Th-228	0.938	0.0843	0.0999	3.98	1.00 - 5.00
7-00048	70096	Th-229	0.0278 U	0.0834	0.0241	0.145	1.00 - 5.00
7-00048	70096	Th-230	0.782	0.0746	0.0883	2.2	1.00 - 5.00
7-00048	70096	Th-232	1.04	0.0508	0.105	3.1	1.00 - 5.00
7-00048	70096	Th-234	1.27 J	0.293	0.149	3.19	1.00 - 5.00
7-00048	70096	Tl-208	0.38	0.0155	0.0229	0.937	1.00 - 5.00
7-00048	70096	Tm-171	-7.05 U	14.2	5.09	72.4	1.00 - 5.00
7-00048	70096	U-233/234	0.687	0.0356	0.0803	2.02	1.00 - 5.00
7-00048	70096	U-235/236	0.0622	0.0187	0.0212	0.151	1.00 - 5.00
7-00048	70096	U-238	0.803	0.0441	0.0899	1.8	1.00 - 5.00
7-00049	70097	Ac-227	-0.0049 U	0.199	0.0604	0.217	0.00 - 0.50
7-00049	70097	Ac-228	1.21	0.0983	0.0596	2.4	0.00 - 0.50
7-00049	70097	Am-241	0.0034 U	0.0145	0.0038	0.0454	0.00 - 0.50
7-00049	70097	Bi-212	0.812	0.131	0.0772	2.15	0.00 - 0.50
7-00049	70097	Bi-214	0.954	0.0299	0.0453	1.59	0.00 - 0.50
7-00049	70097	Cd-113m	22.7 U	132	43.6	3030	0.00 - 0.50
7-00049	70097	Cm-243/244	0.001 U	0.0145	0.0029	0.0443	0.00 - 0.50
7-00049	70097	Co-60	0.0015 U	0.0175	0.0051	0.028	0.00 - 0.50
7-00049	70097	Cs-134	0.0002 U	0.0148	0.005	0.0864	0.00 - 0.50
7-00049	70097	Cs-137	0.213	0.0166	0.014	0.207	0.00 - 0.50
7-00049	70097	Eu-152	-0.0143 U	0.0479	0.0187	0.0566	0.00 - 0.50
7-00049	70097	Eu-154	-0.0461 U	0.0959	0.0318	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00049	70097	Eu-155	0.0507 JS	0.0719	0.0215	0.231	0.00 - 0.50
7-00049	70097	H-3	3.23 U	9.47	2.85	11.9	0.00 - 0.50
7-00049	70097	Ho-166m	-0.0071 U	0.0259	0.008	0.0432	0.00 - 0.50
7-00049	70097	K-40	22.9	0.114	1.33	32.4	0.00 - 0.50
7-00049	70097	Na-22	-0.0091 U	0.0208	0.0066	0.037	0.00 - 0.50
7-00049	70097	Nb-94	0.0062 U	0.0153	0.0047	0.0214	0.00 - 0.50
7-00049	70097	Np-236	-0.0012 U	0.0388	0.0115	0.047	0.00 - 0.50
7-00049	70097	Np-239	0.0241 U	0.131	0.04	0.139	0.00 - 0.50
7-00049	70097	Pa-231	-0.0745 U	0.816	0.25	0.936	0.00 - 0.50
7-00049	70097	Pb-212	1.36	0.0347	0.0827	2.69	0.00 - 0.50
7-00049	70097	Pb-214	1	0.0349	0.0498	1.7	0.00 - 0.50
7-00049	70097	Pu-238	-0.0047 UJ	0.0255	0.0047	0.0415	0.00 - 0.50
7-00049	70097	Pu-239/240	0 UJ	0.0174	0.0034	0.0404	0.00 - 0.50
7-00049	70097	Pu-244	0.0024 UJ	0.0174	0.0041	0.0313	0.00 - 0.50
7-00049	70097	Sb-125	0.0037 U	0.0463	0.0135	0.354	0.00 - 0.50
7-00049	70097	Sn-126	0.0038 U	0.0167	0.005	0.0237	0.00 - 0.50
7-00049	70097	Sr-90	-0.0604 U	0.191	0.0436	0.485	0.00 - 0.50
7-00049	70097	Th-228	1.39	0.0908	0.133	3.98	0.00 - 0.50
7-00049	70097	Th-229	0.0635	0.052	0.0237	0.145	0.00 - 0.50
7-00049	70097	Th-230	1.02	0.0519	0.104	2.2	0.00 - 0.50
7-00049	70097	Th-232	1.11	0.0517	0.11	3.1	0.00 - 0.50
7-00049	70097	Th-234	1.42 J	0.298	0.162	3.19	0.00 - 0.50
7-00049	70097	Tl-208	0.425	0.0167	0.025	0.937	0.00 - 0.50
7-00049	70097	Tm-171	-6.23 U	14.4	5.07	72.4	0.00 - 0.50
7-00049	70097	U-233/234	0.764	0.0559	0.0901	2.02	0.00 - 0.50
7-00049	70097	U-235/236	0.0916	0.0207	0.0273	0.151	0.00 - 0.50
7-00049	70097	U-238	0.737	0.0394	0.0873	1.8	0.00 - 0.50
7-00049	70098	Ac-227	0.0677 U	0.189	0.0595	0.217	1.00 - 5.00
7-00049	70098	Ac-228	1.15	0.119	0.0576	2.4	1.00 - 5.00
7-00049	70098	Am-241	0.0006 U	0.0142	0.0027	0.0454	1.00 - 5.00
7-00049	70098	Bi-212	1.13	0.149	0.0959	2.15	1.00 - 5.00
7-00049	70098	Bi-214	0.89	0.036	0.0453	1.59	1.00 - 5.00
7-00049	70098	Cd-113m	-33.4 U	124	39.3	3030	1.00 - 5.00
7-00049	70098	Cm-243/244	-0.0004 U	0.0202	0.0042	0.0443	1.00 - 5.00
7-00049	70098	Co-60	-0.0034 U	0.0224	0.0065	0.028	1.00 - 5.00
7-00049	70098	Cs-134	0.0012 U	0.0178	0.0061	0.0864	1.00 - 5.00
7-00049	70098	Cs-137	-0.0078 U	0.0213	0.0069	0.207	1.00 - 5.00
7-00049	70098	Eu-152	-0.0382 UJ	0.0471	0.0173	0.0566	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00049	70098	Eu-154	-0.0869 UJ	0.121	0.0429	0.15	1.00 - 5.00
7-00049	70098	Eu-155	0.0689 JS	0.055	0.022	0.231	1.00 - 5.00
7-00049	70098	H-3	-1.25 U	7.54	2.02	11.9	1.00 - 5.00
7-00049	70098	Ho-166m	-0.0109 U	0.0321	0.0098	0.0432	1.00 - 5.00
7-00049	70098	K-40	21.6	0.168	1.19	32.4	1.00 - 5.00
7-00049	70098	Na-22	-0.0073 U	0.026	0.0078	0.037	1.00 - 5.00
7-00049	70098	Nb-94	0.0023 U	0.0186	0.0054	0.0214	1.00 - 5.00
7-00049	70098	Np-236	-0.0082 U	0.0308	0.0093	0.047	1.00 - 5.00
7-00049	70098	Np-239	-0.017 U	0.123	0.0381	0.139	1.00 - 5.00
7-00049	70098	Pa-231	-0.0029 U	0.796	0.246	0.936	1.00 - 5.00
7-00049	70098	Pb-212	1.32	0.0316	0.0743	2.69	1.00 - 5.00
7-00049	70098	Pb-214	0.997	0.0352	0.0479	1.7	1.00 - 5.00
7-00049	70098	Pu-236	0.0002 U	0.0201	0.0045	7.79	1.00 - 5.00
7-00049	70098	Pu-238	0.0011 U	0.0155	0.0034	0.0415	1.00 - 5.00
7-00049	70098	Pu-239/240	0.0148	0.0155	0.0063	0.0404	1.00 - 5.00
7-00049	70098	Pu-244	0.0006 U	0.0125	0.0024	0.0313	1.00 - 5.00
7-00049	70098	Sb-125	-0.0068 U	0.0475	0.0142	0.354	1.00 - 5.00
7-00049	70098	Sn-126	-0.0099 U	0.02	0.0064	0.0237	1.00 - 5.00
7-00049	70098	Sr-90	-0.005 U	0.18	0.0492	0.485	1.00 - 5.00
7-00049	70098	Th-228	1.07 L	0.0747	0.107	3.98	1.00 - 5.00
7-00049	70098	Th-229	0.074 L	0.0495	0.0246	0.145	1.00 - 5.00
7-00049	70098	Th-230	0.832 L	0.0806	0.0906	2.2	1.00 - 5.00
7-00049	70098	Th-232	1.14 L	0.0181	0.109	3.1	1.00 - 5.00
7-00049	70098	Th-234	1.38	0.225	0.125	3.19	1.00 - 5.00
7-00049	70098	Tl-208	0.448	0.0198	0.0263	0.937	1.00 - 5.00
7-00049	70098	Tm-171	1.12 U	6.94	2.22	72.4	1.00 - 5.00
7-00049	70098	U-233/234	0.922	0.0284	0.092	2.02	1.00 - 5.00
7-00049	70098	U-235/236	0.0621	0.0351	0.02	0.151	1.00 - 5.00
7-00049	70098	U-238	0.85	0.0121	0.0865	1.8	1.00 - 5.00
7-00050	70099	Ac-227	0.0315 U	0.181	0.0541	0.217	0.00 - 0.50
7-00050	70099	Ac-228	1.02	0.0876	0.0509	2.4	0.00 - 0.50
7-00050	70099	Am-241	0.0105	0.0057	0.0047	0.0454	0.00 - 0.50
7-00050	70099	Bi-212	0.735	0.12	0.0712	2.15	0.00 - 0.50
7-00050	70099	Bi-214	0.714	0.0282	0.0362	1.59	0.00 - 0.50
7-00050	70099	Cd-113m	-35.8 U	120	40.1	3030	0.00 - 0.50
7-00050	70099	Cm-243/244	0.0039 U	0.0192	0.005	0.0443	0.00 - 0.50
7-00050	70099	Co-60	0.0105 J	0.0179	0.0055	0.028	0.00 - 0.50
7-00050	70099	Cs-134	0.0048 U	0.0142	0.0049	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00050	70099	Cs-137	0.763	0.0175	0.0437	0.207	0.00 - 0.50
7-00050	70099	Eu-152	-0.0126 U	0.0448	0.0152	0.0566	0.00 - 0.50
7-00050	70099	Eu-154	-0.0381 U	0.0849	0.0272	0.15	0.00 - 0.50
7-00050	70099	Eu-155	0.045 JS	0.0647	0.0222	0.231	0.00 - 0.50
7-00050	70099	H-3	1.32 U	7.79	2.2	11.9	0.00 - 0.50
7-00050	70099	Ho-166m	-0.0003 U	0.0236	0.0071	0.0432	0.00 - 0.50
7-00050	70099	K-40	19.2	0.115	1.22	32.4	0.00 - 0.50
7-00050	70099	Na-22	-0.0093 U	0.0185	0.0061	0.037	0.00 - 0.50
7-00050	70099	Nb-94	0.0079 JS	0.0136	0.0044	0.0214	0.00 - 0.50
7-00050	70099	Np-236	0.0013 U	0.0344	0.0105	0.047	0.00 - 0.50
7-00050	70099	Np-239	-0.0433 U	0.122	0.0378	0.139	0.00 - 0.50
7-00050	70099	Pa-231	-0.0914 U	0.751	0.235	0.936	0.00 - 0.50
7-00050	70099	Pb-212	1.23	0.0317	0.0763	2.69	0.00 - 0.50
7-00050	70099	Pb-214	0.778	0.0316	0.0396	1.7	0.00 - 0.50
7-00050	70099	Pu-236	0.0048 U	0.0336	0.0087	7.79	0.00 - 0.50
7-00050	70099	Pu-238	0.0055 U	0.0345	0.0091	0.0415	0.00 - 0.50
7-00050	70099	Pu-239/240	0.0023 U	0.0251	0.0059	0.0404	0.00 - 0.50
7-00050	70099	Pu-244	0.0056	0.0075	0.0039	0.0313	0.00 - 0.50
7-00050	70099	Sb-125	0.0001 U	0.0442	0.0129	0.354	0.00 - 0.50
7-00050	70099	Sn-126	-0.0013 U	0.0152	0.0046	0.0237	0.00 - 0.50
7-00050	70099	Sr-90	0.116 U	0.247	0.0758	0.485	0.00 - 0.50
7-00050	70099	Th-228	1.29	0.103	0.129	3.98	0.00 - 0.50
7-00050	70099	Th-229	0.03	0.0552	0.0185	0.145	0.00 - 0.50
7-00050	70099	Th-230	0.83	0.0551	0.0936	2.2	0.00 - 0.50
7-00050	70099	Th-232	1.16	0.0549	0.117	3.1	0.00 - 0.50
7-00050	70099	Th-234	1.16 J	0.279	0.132	3.19	0.00 - 0.50
7-00050	70099	Tl-208	0.337	0.0158	0.0205	0.937	0.00 - 0.50
7-00050	70099	Tm-171	-6.64 U	13.8	4.93	72.4	0.00 - 0.50
7-00050	70099	U-233/234	0.991	0.0151	0.104	2.02	0.00 - 0.50
7-00050	70099	U-235/236	0.0897	0.0187	0.0257	0.151	0.00 - 0.50
7-00050	70099	U-238	0.846	0.044	0.0932	1.8	0.00 - 0.50
7-00051	70101	Ac-227	0.0657 U	0.197	0.0617	0.217	0.00 - 0.50
7-00051	70101	Ac-228	1.2	0.083	0.0593	2.4	0.00 - 0.50
7-00051	70101	Am-241	0.0139	0.0063	0.0057	0.0454	0.00 - 0.50
7-00051	70101	Bi-212	0.828	0.12	0.0703	2.15	0.00 - 0.50
7-00051	70101	Bi-214	0.914	0.0284	0.0426	1.59	0.00 - 0.50
7-00051	70101	Cd-113m	-8.38 U	131	41.7	3030	0.00 - 0.50
7-00051	70101	Cm-243/244	0.0099	0.0148	0.0055	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00051	70101	Co-60	0.0001 UJ	0.0161	0.0047	0.028	0.00 - 0.50
7-00051	70101	Cs-134	0.0123 JS	0.0147	0.0056	0.0864	0.00 - 0.50
7-00051	70101	Cs-137	0.493	0.0173	0.0278	0.207	0.00 - 0.50
7-00051	70101	Eu-152	0.0251 J	0.0487	0.0192	0.0566	0.00 - 0.50
7-00051	70101	Eu-154	-0.0307 U	0.088	0.0272	0.15	0.00 - 0.50
7-00051	70101	Eu-155	0.0449 JS	0.0705	0.0265	0.231	0.00 - 0.50
7-00051	70101	Ho-166m	0.0044 U	0.0246	0.0074	0.0432	0.00 - 0.50
7-00051	70101	K-40	21.6	0.126	1.31	32.4	0.00 - 0.50
7-00051	70101	Na-22	-0.013 UJ	0.0181	0.0064	0.037	0.00 - 0.50
7-00051	70101	Nb-94	0.0089 JS	0.014	0.0046	0.0214	0.00 - 0.50
7-00051	70101	Np-236	-0.016 U	0.0373	0.0127	0.047	0.00 - 0.50
7-00051	70101	Np-239	-0.0507 U	0.131	0.0421	0.139	0.00 - 0.50
7-00051	70101	Pa-231	-0.309 U	0.801	0.281	0.936	0.00 - 0.50
7-00051	70101	Pb-212	1.35	0.0343	0.0828	2.69	0.00 - 0.50
7-00051	70101	Pb-214	1.07	0.0335	0.0516	1.7	0.00 - 0.50
7-00051	70101	Pu-236	-0.0086 U	0.0303	0.0053	7.79	0.00 - 0.50
7-00051	70101	Pu-238	0.0074 U	0.0311	0.0086	0.0415	0.00 - 0.50
7-00051	70101	Pu-239/240	0.0032 U	0.016	0.004	0.0404	0.00 - 0.50
7-00051	70101	Pu-244	0	0.0068	0.0025	0.0313	0.00 - 0.50
7-00051	70101	Sb-125	0.013 U	0.0453	0.0135	0.354	0.00 - 0.50
7-00051	70101	Sn-126	0.0029 U	0.015	0.0045	0.0237	0.00 - 0.50
7-00051	70101	Sr-90	0.145	0.227	0.0725	0.485	0.00 - 0.50
7-00051	70101	Th-228	1.26	0.0847	0.133	3.98	0.00 - 0.50
7-00051	70101	Th-229	0.0523	0.0236	0.0216	0.145	0.00 - 0.50
7-00051	70101	Th-230	0.999	0.064	0.112	2.2	0.00 - 0.50
7-00051	70101	Th-232	1.13	0.0235	0.121	3.1	0.00 - 0.50
7-00051	70101	Th-234	1.37 J	0.304	0.152	3.19	0.00 - 0.50
7-00051	70101	Tl-208	0.401	0.0156	0.0226	0.937	0.00 - 0.50
7-00051	70101	Tm-171	-4.91 U	14.6	5.07	72.4	0.00 - 0.50
7-00051	70101	U-233/234	0.928	0.0421	0.0982	2.02	0.00 - 0.50
7-00051	70101	U-235/236	0.0612	0.042	0.0218	0.151	0.00 - 0.50
7-00051	70101	U-238	0.946	0.034	0.0994	1.8	0.00 - 0.50
7-00051	70102	Ac-227	-0.085 U	0.146	0.05	0.217	1.00 - 2.60
7-00051	70102	Ac-228	1.12	0.0925	0.0535	2.4	1.00 - 2.60
7-00051	70102	Am-241	0.0007 U	0.0155	0.003	0.0454	1.00 - 2.60
7-00051	70102	Bi-212	0.797	0.121	0.0706	2.15	1.00 - 2.60
7-00051	70102	Bi-214	0.803	0.0264	0.04	1.59	1.00 - 2.60
7-00051	70102	Cd-113m	38.4 U	99.8	31.5	3030	1.00 - 2.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00051	70102	Cm-243/244	0.0014 U	0.0193	0.0043	0.0443	1.00 - 2.60
7-00051	70102	Co-60	0.0129 J	0.0179	0.0058	0.028	1.00 - 2.60
7-00051	70102	Cs-134	0.0009 U	0.0131	0.0045	0.0864	1.00 - 2.60
7-00051	70102	Cs-137	0.0124	0.0148	0.006	0.207	1.00 - 2.60
7-00051	70102	Eu-152	0.0105 U	0.0373	0.0132	0.0566	1.00 - 2.60
7-00051	70102	Eu-154	0.0152 U	0.0934	0.0277	0.15	1.00 - 2.60
7-00051	70102	Eu-155	0.05 JS	0.0463	0.0189	0.231	1.00 - 2.60
7-00051	70102	Ho-166m	-0.0067 U	0.0234	0.0071	0.0432	1.00 - 2.60
7-00051	70102	K-40	19.2	0.119	1.04	32.4	1.00 - 2.60
7-00051	70102	Na-22	0.0048 U	0.0202	0.0059	0.037	1.00 - 2.60
7-00051	70102	Nb-94	0.0063 U	0.0144	0.0043	0.0214	1.00 - 2.60
7-00051	70102	Np-236	-0.0023 U	0.0252	0.0074	0.047	1.00 - 2.60
7-00051	70102	Np-239	0.0113 U	0.0991	0.0302	0.139	1.00 - 2.60
7-00051	70102	Pa-231	0.117 U	0.639	0.208	0.936	1.00 - 2.60
7-00051	70102	Pb-212	1.22	0.0253	0.0673	2.69	1.00 - 2.60
7-00051	70102	Pb-214	0.838	0.0265	0.0405	1.7	1.00 - 2.60
7-00051	70102	Pu-238	-0.001 U	0.0173	0.0031	0.0415	1.00 - 2.60
7-00051	70102	Pu-239/240	0.0062 U	0.0198	0.0056	0.0404	1.00 - 2.60
7-00051	70102	Pu-244	0.005	0.0139	0.0041	0.0313	1.00 - 2.60
7-00051	70102	Sb-125	-0.0035 U	0.0378	0.0112	0.354	1.00 - 2.60
7-00051	70102	Sn-126	0.0012 U	0.0161	0.0046	0.0237	1.00 - 2.60
7-00051	70102	Sr-90	0.0305 U	0.198	0.0553	0.485	1.00 - 2.60
7-00051	70102	Th-228	1.02	0.0932	0.11	3.98	1.00 - 2.60
7-00051	70102	Th-229	0 U	0.0793	0.018	0.145	1.00 - 2.60
7-00051	70102	Th-230	0.69	0.0199	0.0821	2.2	1.00 - 2.60
7-00051	70102	Th-232	1.13	0.0198	0.113	3.1	1.00 - 2.60
7-00051	70102	Th-234	0.935 J	0.179	0.0957	3.19	1.00 - 2.60
7-00051	70102	Tl-208	0.405	0.0146	0.0243	0.937	1.00 - 2.60
7-00051	70102	Tm-171	2.8 J	5.64	2.01	72.4	1.00 - 2.60
7-00051	70102	U-233/234	0.819	0.064	0.0992	2.02	1.00 - 2.60
7-00051	70102	U-235/236	0.0423	0.0791	0.0257	0.151	1.00 - 2.60
7-00051	70102	U-238	0.882	0.064	0.105	1.8	1.00 - 2.60
7-00052	70103	Ac-227	0.11 J	0.217	0.0709	0.217	0.00 - 0.50
7-00052	70103	Ac-228	0.918	0.0927	0.0477	2.4	0.00 - 0.50
7-00052	70103	Am-241	0.006	0.0054	0.0035	0.0454	0.00 - 0.50
7-00052	70103	Bi-212	0.671 J	0.125	0.0891	2.15	0.00 - 0.50
7-00052	70103	Bi-214	0.661	0.0356	0.0349	1.59	0.00 - 0.50
7-00052	70103	Cd-113m	-7.07 U	147	45.5	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00052	70103	Cm-243/244	-0.0009 U	0.0159	0.0029	0.0443	0.00 - 0.50
7-00052	70103	Co-60	0.0192 J	0.0197	0.0069	0.028	0.00 - 0.50
7-00052	70103	Cs-134	0.0133 SJ	0.0181	0.0068	0.0864	0.00 - 0.50
7-00052	70103	Cs-137	6.59	0.0191	0.363	0.207	0.00 - 0.50
7-00052	70103	Eu-152	-0.0252 U	0.0585	0.0196	0.0566	0.00 - 0.50
7-00052	70103	Eu-154	0.0267 U	0.0971	0.0332	0.15	0.00 - 0.50
7-00052	70103	Eu-155	0.0367 SJ	0.0581	0.0184	0.231	0.00 - 0.50
7-00052	70103	Ho-166m	0.0107 U	0.0261	0.0078	0.0432	0.00 - 0.50
7-00052	70103	K-40	21.4	0.107	1.15	32.4	0.00 - 0.50
7-00052	70103	Na-22	0.0002 U	0.0207	0.006	0.037	0.00 - 0.50
7-00052	70103	Nb-94	0.0029 U	0.0142	0.0041	0.0214	0.00 - 0.50
7-00052	70103	Np-236	-0.0269 UJ	0.032	0.0114	0.047	0.00 - 0.50
7-00052	70103	Np-239	0.0222 U	0.14	0.0428	0.139	0.00 - 0.50
7-00052	70103	Pa-231	-0.325 U	0.897	0.291	0.936	0.00 - 0.50
7-00052	70103	Pb-212	1.08	0.0359	0.0607	2.69	0.00 - 0.50
7-00052	70103	Pb-214	0.726	0.0429	0.0377	1.7	0.00 - 0.50
7-00052	70103	Pu-236	-0.001 U	0.0171	0.0031	7.79	0.00 - 0.50
7-00052	70103	Pu-238	-0.003 U	0.0164	0.003	0.0415	0.00 - 0.50
7-00052	70103	Pu-239/240	0.0229	0.0056	0.007	0.0404	0.00 - 0.50
7-00052	70103	Pu-244	0.0062	0.0056	0.0036	0.0313	0.00 - 0.50
7-00052	70103	Sb-125	0.0018 U	0.0668	0.0199	0.354	0.00 - 0.50
7-00052	70103	Sn-126	-0.0006 U	0.0159	0.0046	0.0237	0.00 - 0.50
7-00052	70103	Sr-90	0.324	0.174	0.0728	0.485	0.00 - 0.50
7-00052	70103	Th-228	0.971	0.112	0.106	3.98	0.00 - 0.50
7-00052	70103	Th-229	0.0702	0.0652	0.0266	0.145	0.00 - 0.50
7-00052	70103	Th-230	0.623	0.0516	0.0762	2.2	0.00 - 0.50
7-00052	70103	Th-232	0.985	0.0514	0.102	3.1	0.00 - 0.50
7-00052	70103	Th-234	2.08	0.226	0.143	3.19	0.00 - 0.50
7-00052	70103	Tl-208	0.348	0.0195	0.0225	0.937	0.00 - 0.50
7-00052	70103	Tm-171	1.61 U	6.5	2.24	72.4	0.00 - 0.50
7-00052	70103	U-233/234	2.67	0.0148	0.231	2.02	0.00 - 0.50
7-00052	70103	U-235/236	0.171	0.0431	0.037	0.151	0.00 - 0.50
7-00052	70103	U-238	2.29	0.0495	0.202	1.8	0.00 - 0.50
7-00042	70104	Ac-227	-0.0561 U	0.184	0.0587	0.217	1.00 - 2.80
7-00042	70104	Ac-228	1.13	0.111	0.0558	2.4	1.00 - 2.80
7-00042	70104	Am-241	0.0075	0.0167	0.0052	0.0454	1.00 - 2.80
7-00042	70104	Bi-212	0.706 J	0.161	0.0873	2.15	1.00 - 2.80
7-00042	70104	Bi-214	0.948	0.0351	0.0466	1.59	1.00 - 2.80

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00042	70104	Cd-113m	51.1 U	125	39.8	3030	1.00 - 2.80
7-00042	70104	Cm-243/244	0.007	0.0135	0.0045	0.0443	1.00 - 2.80
7-00042	70104	Co-60	0.0148 J	0.0238	0.0073	0.028	1.00 - 2.80
7-00042	70104	Cs-134	0.0082 U	0.0182	0.0063	0.0864	1.00 - 2.80
7-00042	70104	Cs-137	-0.0012 U	0.0219	0.0067	0.207	1.00 - 2.80
7-00042	70104	Eu-152	0.0084 U	0.0483	0.0145	0.0566	1.00 - 2.80
7-00042	70104	Eu-154	-0.0655 U	0.117	0.0391	0.15	1.00 - 2.80
7-00042	70104	Eu-155	0.0811 JS	0.0544	0.0219	0.231	1.00 - 2.80
7-00042	70104	Ho-166m	0.0079 U	0.0312	0.009	0.0432	1.00 - 2.80
7-00042	70104	K-40	21.3	0.183	1.17	32.4	1.00 - 2.80
7-00042	70104	Na-22	0.002 U	0.0264	0.0075	0.037	1.00 - 2.80
7-00042	70104	Nb-94	-0.0048 U	0.0179	0.0054	0.0214	1.00 - 2.80
7-00042	70104	Np-236	-0.008 U	0.0301	0.0091	0.047	1.00 - 2.80
7-00042	70104	Np-239	0.0118 U	0.121	0.037	0.139	1.00 - 2.80
7-00042	70104	Pa-231	0.126 U	0.781	0.242	0.936	1.00 - 2.80
7-00042	70104	Pb-212	1.25	0.0311	0.0705	2.69	1.00 - 2.80
7-00042	70104	Pb-214	0.993	0.0343	0.0472	1.7	1.00 - 2.80
7-00042	70104	Pu-236	0.0148 U	0.0367	0.011	7.79	1.00 - 2.80
7-00042	70104	Pu-238	-0.0039 U	0.0466	0.0109	0.0415	1.00 - 2.80
7-00042	70104	Pu-239/240	-0.007 U	0.0295	0.0052	0.0404	1.00 - 2.80
7-00042	70104	Pu-244	-0.0005 U	0.0295	0.0062	0.0313	1.00 - 2.80
7-00042	70104	Sb-125	0.0156 U	0.0497	0.0149	0.354	1.00 - 2.80
7-00042	70104	Sn-126	-0.0048 U	0.0197	0.0059	0.0237	1.00 - 2.80
7-00042	70104	Sr-90	3.24	0.1	0.32	0.485	1.00 - 2.80
7-00042	70104	Th-228	1.17	0.12	0.133	3.98	1.00 - 2.80
7-00042	70104	Th-229	0.0763	0.0702	0.0305	0.145	1.00 - 2.80
7-00042	70104	Th-230	0.751	0.0884	0.0986	2.2	1.00 - 2.80
7-00042	70104	Th-232	1.13	0.0257	0.125	3.1	1.00 - 2.80
7-00042	70104	Th-234	1.22	0.216	0.12	3.19	1.00 - 2.80
7-00042	70104	Tl-208	0.414	0.0196	0.0252	0.937	1.00 - 2.80
7-00042	70104	Tm-171	-0.757 U	6.83	2.19	72.4	1.00 - 2.80
7-00042	70104	U-233/234	0.651	0.0353	0.0718	2.02	1.00 - 2.80
7-00042	70104	U-235/236	0.0773	0.015	0.0214	0.151	1.00 - 2.80
7-00042	70104	U-238	0.907	0.0405	0.0916	1.8	1.00 - 2.80
7-00053	70105	Ac-227	-0.0591 U	0.177	0.0546	0.217	0.00 - 0.50
7-00053	70105	Ac-228	1.1	0.0978	0.053	2.4	0.00 - 0.50
7-00053	70105	Am-241	0.0157	0.0071	0.0065	0.0454	0.00 - 0.50
7-00053	70105	Bi-212	0.728	0.121	0.0679	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00053	70105	Bi-214	0.764	0.0295	0.0378	1.59	0.00 - 0.50
7-00053	70105	Cd-113m	3.84 U	122	35.9	3030	0.00 - 0.50
7-00053	70105	Cm-243/244	0.0007 UJ	0.0167	0.0032	0.0443	0.00 - 0.50
7-00053	70105	Co-60	0.0062 U	0.0178	0.0053	0.028	0.00 - 0.50
7-00053	70105	Cs-134	0.0038 U	0.0148	0.005	0.0864	0.00 - 0.50
7-00053	70105	Cs-137	0.885	0.0174	0.049	0.207	0.00 - 0.50
7-00053	70105	Eu-152	-0.0128 U	0.0465	0.0144	0.0566	0.00 - 0.50
7-00053	70105	Eu-154	0.0211 U	0.0943	0.0312	0.15	0.00 - 0.50
7-00053	70105	Eu-155	0.0538 SJ	0.0608	0.0207	0.231	0.00 - 0.50
7-00053	70105	Ho-166m	0.003 U	0.0256	0.0075	0.0432	0.00 - 0.50
7-00053	70105	K-40	22.8	0.119	1.23	32.4	0.00 - 0.50
7-00053	70105	Na-22	-0.0113 U	0.02	0.0067	0.037	0.00 - 0.50
7-00053	70105	Nb-94	0.0024 U	0.0147	0.0043	0.0214	0.00 - 0.50
7-00053	70105	Np-236	-0.0166 U	0.0333	0.011	0.047	0.00 - 0.50
7-00053	70105	Np-239	-0.0565 U	0.115	0.0367	0.139	0.00 - 0.50
7-00053	70105	Pa-231	0.125 U	0.746	0.222	0.936	0.00 - 0.50
7-00053	70105	Pb-212	1.14	0.0307	0.0661	2.69	0.00 - 0.50
7-00053	70105	Pb-214	0.769	0.0337	0.0392	1.7	0.00 - 0.50
7-00053	70105	Pu-236	0.0042	0.0057	0.003	7.79	0.00 - 0.50
7-00053	70105	Pu-238	-0.0003 U	0.0184	0.0038	0.0415	0.00 - 0.50
7-00053	70105	Pu-239/240	0.0078	0.0184	0.0056	0.0404	0.00 - 0.50
7-00053	70105	Pu-244	-0.0015 U	0.0129	0.0025	0.0313	0.00 - 0.50
7-00053	70105	Sb-125	0.0046 U	0.0454	0.0137	0.354	0.00 - 0.50
7-00053	70105	Sn-126	-0.0002 U	0.0165	0.0049	0.0237	0.00 - 0.50
7-00053	70105	Sr-90	-0.0531 U	0.149	0.0353	0.485	0.00 - 0.50
7-00053	70105	Th-228	1.18	0.0647	0.115	3.98	0.00 - 0.50
7-00053	70105	Th-229	0.0987	0.0485	0.0277	0.145	0.00 - 0.50
7-00053	70105	Th-230	0.657	0.0483	0.0766	2.2	0.00 - 0.50
7-00053	70105	Th-232	1.1	0.0482	0.107	3.1	0.00 - 0.50
7-00053	70105	Th-234	1.75	0.261	0.147	3.19	0.00 - 0.50
7-00053	70105	Tl-208	0.366	0.0172	0.0215	0.937	0.00 - 0.50
7-00053	70105	Tm-171	0.0089 U	10.6	3.51	72.4	0.00 - 0.50
7-00053	70105	U-233/234	1.96	0.0505	0.185	2.02	0.00 - 0.50
7-00053	70105	U-235/236	0.0972	0.0505	0.03	0.151	0.00 - 0.50
7-00053	70105	U-238	1.52	0.0505	0.151	1.8	0.00 - 0.50
7-00053	70106	Ac-227	-0.107 U	0.171	0.058	0.217	1.00 - 2.20
7-00053	70106	Ac-228	1.15	0.08	0.0547	2.4	1.00 - 2.20
7-00053	70106	Am-241	0.0057 U	0.0354	0.0089	0.0454	1.00 - 2.20

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00053	70106	Bi-212	0.773	0.112	0.0656	2.15	1.00 - 2.20
7-00053	70106	Bi-214	0.874	0.0263	0.0412	1.59	1.00 - 2.20
7-00053	70106	Cd-113m	-50.8 U	114	36.5	3030	1.00 - 2.20
7-00053	70106	Cm-243/244	0.0039 U	0.0263	0.0062	0.0443	1.00 - 2.20
7-00053	70106	Co-60	-0.0019 U	0.015	0.0046	0.028	1.00 - 2.20
7-00053	70106	Cs-134	0.004 U	0.0131	0.0044	0.0864	1.00 - 2.20
7-00053	70106	Cs-137	0.214	0.0159	0.0143	0.207	1.00 - 2.20
7-00053	70106	Eu-152	-0.0287 U	0.0406	0.0147	0.0566	1.00 - 2.20
7-00053	70106	Eu-154	-0.0247 U	0.0822	0.0294	0.15	1.00 - 2.20
7-00053	70106	Eu-155	0.0904 JS	0.0612	0.0275	0.231	1.00 - 2.20
7-00053	70106	Ho-166m	0.0023 U	0.0237	0.0069	0.0432	1.00 - 2.20
7-00053	70106	K-40	23.5	0.109	1.34	32.4	1.00 - 2.20
7-00053	70106	Na-22	-0.0061 U	0.0176	0.0056	0.037	1.00 - 2.20
7-00053	70106	Nb-94	0.012 JS	0.0144	0.0049	0.0214	1.00 - 2.20
7-00053	70106	Np-236	-0.0002 U	0.0341	0.0103	0.047	1.00 - 2.20
7-00053	70106	Np-239	0.0089 U	0.117	0.0348	0.139	1.00 - 2.20
7-00053	70106	Pa-231	-0.381 U	0.701	0.232	0.936	1.00 - 2.20
7-00053	70106	Pb-212	1.28	0.0291	0.081	2.69	1.00 - 2.20
7-00053	70106	Pb-214	0.976	0.0287	0.048	1.7	1.00 - 2.20
7-00053	70106	Pu-236	0.0022	0.0059	0.0022	7.79	1.00 - 2.20
7-00053	70106	Pu-238	-0.0046 U	0.0195	0.0034	0.0415	1.00 - 2.20
7-00053	70106	Pu-239/240	0.0098	0.017	0.0057	0.0404	1.00 - 2.20
7-00053	70106	Pu-244	0.0022	0.0058	0.0022	0.0313	1.00 - 2.20
7-00053	70106	Sb-125	-0.0058 U	0.0389	0.0119	0.354	1.00 - 2.20
7-00053	70106	Sn-126	-0.0037 U	0.0147	0.0044	0.0237	1.00 - 2.20
7-00053	70106	Sr-90	0.164 U	0.285	0.0891	0.485	1.00 - 2.20
7-00053	70106	Th-228	1.13	0.095	0.114	3.98	1.00 - 2.20
7-00053	70106	Th-229	0.0142 U	0.0851	0.0224	0.145	1.00 - 2.20
7-00053	70106	Th-230	0.778	0.0521	0.0878	2.2	1.00 - 2.20
7-00053	70106	Th-232	0.959	0.0191	0.0998	3.1	1.00 - 2.20
7-00053	70106	Th-234	1.29 J	0.267	0.138	3.19	1.00 - 2.20
7-00053	70106	Tl-208	0.404	0.0141	0.0232	0.937	1.00 - 2.20
7-00053	70106	Tm-171	-4 U	10.7	3.88	72.4	1.00 - 2.20
7-00053	70106	U-233/234	0.886	0.0531	0.0949	2.02	1.00 - 2.20
7-00053	70106	U-235/236	0.0411	0.0417	0.0182	0.151	1.00 - 2.20
7-00053	70106	U-238	0.87	0.0417	0.0933	1.8	1.00 - 2.20
7-00054	70107	Ac-227	-0.0592 U	0.19	0.059	0.217	0.00 - 0.50
7-00054	70107	Ac-228	1.12	0.088	0.0552	2.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00054	70107	Am-241	0.0177	0.0229	0.0081	0.0454	0.00 - 0.50
7-00054	70107	Bi-212	0.835	0.116	0.0692	2.15	0.00 - 0.50
7-00054	70107	Bi-214	0.845	0.0305	0.0406	1.59	0.00 - 0.50
7-00054	70107	Cd-113m	-40.6 U	127	44.6	3030	0.00 - 0.50
7-00054	70107	Cm-243/244	0.0112	0.0135	0.0054	0.0443	0.00 - 0.50
7-00054	70107	Co-60	0.0003 U	0.0161	0.0048	0.028	0.00 - 0.50
7-00054	70107	Cs-134	0.0023 U	0.0153	0.0051	0.0864	0.00 - 0.50
7-00054	70107	Cs-137	1.42	0.0162	0.0771	0.207	0.00 - 0.50
7-00054	70107	Eu-152	0.0025 U	0.0468	0.0191	0.0566	0.00 - 0.50
7-00054	70107	Eu-154	-0.0494 U	0.0852	0.0287	0.15	0.00 - 0.50
7-00054	70107	Eu-155	0.103 JS	0.0658	0.024	0.231	0.00 - 0.50
7-00054	70107	Ho-166m	-0.0089 U	0.0224	0.007	0.0432	0.00 - 0.50
7-00054	70107	K-40	22.7	0.108	1.29	32.4	0.00 - 0.50
7-00054	70107	Na-22	-0.0045 U	0.0187	0.0058	0.037	0.00 - 0.50
7-00054	70107	Nb-94	0.0033 U	0.0137	0.004	0.0214	0.00 - 0.50
7-00054	70107	Np-236	-0.0186 U	0.0357	0.0114	0.047	0.00 - 0.50
7-00054	70107	Np-239	0.025 U	0.127	0.0381	0.139	0.00 - 0.50
7-00054	70107	Pa-231	-0.0465 U	0.776	0.241	0.936	0.00 - 0.50
7-00054	70107	Pb-212	1.21	0.0339	0.0772	2.69	0.00 - 0.50
7-00054	70107	Pb-214	0.966	0.0339	0.0493	1.7	0.00 - 0.50
7-00054	70107	Pu-236	-0.0017 U	0.031	0.0067	7.79	0.00 - 0.50
7-00054	70107	Pu-238	-0.0016 U	0.0297	0.0065	0.0415	0.00 - 0.50
7-00054	70107	Pu-239/240	0.0109	0.0074	0.0055	0.0404	0.00 - 0.50
7-00054	70107	Pu-244	0.0035 U	0.0173	0.0043	0.0313	0.00 - 0.50
7-00054	70107	Sb-125	-0.0091 U	0.0468	0.0145	0.354	0.00 - 0.50
7-00054	70107	Sn-126	-0.0006 U	0.0152	0.0044	0.0237	0.00 - 0.50
7-00054	70107	Sr-90	-0.005 U	0.297	0.0802	0.485	0.00 - 0.50
7-00054	70107	Th-228	1.08	0.0993	0.117	3.98	0.00 - 0.50
7-00054	70107	Th-229	0.07	0.0573	0.0261	0.145	0.00 - 0.50
7-00054	70107	Th-230	2.31	0.0572	0.193	2.2	0.00 - 0.50
7-00054	70107	Th-232	1.01	0.021	0.107	3.1	0.00 - 0.50
7-00054	70107	Th-234	1.47 J	0.269	0.151	3.19	0.00 - 0.50
7-00054	70107	Tl-208	0.419	0.0156	0.0241	0.937	0.00 - 0.50
7-00054	70107	Tm-171	-8.97 U	11.4	4.57	72.4	0.00 - 0.50
7-00054	70107	U-233/234	1.25	0.0277	0.151	2.02	0.00 - 0.50
7-00054	70107	U-235/236	0.0793	0.0805	0.0352	0.151	0.00 - 0.50
7-00054	70107	U-238	0.775	0.0925	0.11	1.8	0.00 - 0.50
7-00055	70109	Ac-227	-0.0092 U	0.19	0.0578	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00055	70109	Ac-228	0.973	0.0903	0.0498	2.4	0.00 - 0.50
7-00055	70109	Am-241	0.017	0.0349	0.0109	0.0454	0.00 - 0.50
7-00055	70109	Bi-212	0.746 J	0.12	0.0823	2.15	0.00 - 0.50
7-00055	70109	Bi-214	0.891	0.0293	0.043	1.59	0.00 - 0.50
7-00055	70109	Cd-113m	-30.1 U	124	41.8	3030	0.00 - 0.50
7-00055	70109	Cm-243/244	0.0064 UJ	0.0301	0.008	0.0443	0.00 - 0.50
7-00055	70109	Co-60	-0.0016 UJ	0.0171	0.005	0.028	0.00 - 0.50
7-00055	70109	Cs-134	-0.0031 U	0.0144	0.005	0.0864	0.00 - 0.50
7-00055	70109	Cs-137	0.399	0.016	0.0232	0.207	0.00 - 0.50
7-00055	70109	Eu-152	-0.0399 UJ	0.0457	0.0192	0.0566	0.00 - 0.50
7-00055	70109	Eu-154	-0.114 UJ	0.0862	0.0393	0.15	0.00 - 0.50
7-00055	70109	Eu-155	0.0314 U	0.0669	0.021	0.231	0.00 - 0.50
7-00055	70109	Ho-166m	0.0071 U	0.0246	0.0073	0.0432	0.00 - 0.50
7-00055	70109	K-40	19.6	0.119	1.14	32.4	0.00 - 0.50
7-00055	70109	Na-22	-0.0065 U	0.0195	0.006	0.037	0.00 - 0.50
7-00055	70109	Nb-94	0.0072 JS	0.0143	0.0044	0.0214	0.00 - 0.50
7-00055	70109	Np-236	-0.0108 U	0.035	0.0108	0.047	0.00 - 0.50
7-00055	70109	Np-239	-0.0296 U	0.125	0.0387	0.139	0.00 - 0.50
7-00055	70109	Pa-231	-0.185 U	0.781	0.278	0.936	0.00 - 0.50
7-00055	70109	Pb-212	1.15	0.0326	0.0704	2.69	0.00 - 0.50
7-00055	70109	Pb-214	0.961	0.0341	0.0467	1.7	0.00 - 0.50
7-00055	70109	Pu-236	-0.0004 U	0.0207	0.0043	7.79	0.00 - 0.50
7-00055	70109	Pu-238	-0.001 U	0.0174	0.0032	0.0415	0.00 - 0.50
7-00055	70109	Pu-239/240	0.0079	0.0174	0.0054	0.0404	0.00 - 0.50
7-00055	70109	Pu-244	0.0022	0.006	0.0022	0.0313	0.00 - 0.50
7-00055	70109	Sb-125	-0.0019 U	0.0445	0.013	0.354	0.00 - 0.50
7-00055	70109	Sn-126	0.0004 U	0.0155	0.0046	0.0237	0.00 - 0.50
7-00055	70109	Sr-90	0.209	0.237	0.0794	0.485	0.00 - 0.50
7-00055	70109	Th-228	1.23	0.0668	0.119	3.98	0.00 - 0.50
7-00055	70109	Th-229	0.0413	0.0187	0.017	0.145	0.00 - 0.50
7-00055	70109	Th-230	0.79	0.0506	0.0871	2.2	0.00 - 0.50
7-00055	70109	Th-232	1.09	0.0504	0.107	3.1	0.00 - 0.50
7-00055	70109	Th-234	1.12 J	0.279	0.138	3.19	0.00 - 0.50
7-00055	70109	Tl-208	0.352	0.0146	0.0211	0.937	0.00 - 0.50
7-00055	70109	Tm-171	-3.37 U	13.6	4.62	72.4	0.00 - 0.50
7-00055	70109	U-233/234	0.898	0.0192	0.105	2.02	0.00 - 0.50
7-00055	70109	U-235/236	0.0573	0.0689	0.0266	0.151	0.00 - 0.50
7-00055	70109	U-238	0.862	0.0192	0.102	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00056	70110	Ac-227	-0.0352 U	0.151	0.0453	0.217	1.00 - 5.00
7-00056	70110	Ac-228	1.07	0.0733	0.0498	2.4	1.00 - 5.00
7-00056	70110	Am-241	0.0054 UJ	0.02	0.0054	0.0454	1.00 - 5.00
7-00056	70110	Bi-212	0.764	0.106	0.0619	2.15	1.00 - 5.00
7-00056	70110	Bi-214	0.808	0.0231	0.0374	1.59	1.00 - 5.00
7-00056	70110	Cd-113m	-2.12 U	97.7	29.7	3030	1.00 - 5.00
7-00056	70110	Cm-243/244	0.0018 UJ	0.0201	0.0041	0.0443	1.00 - 5.00
7-00056	70110	Co-60	-0.0024 U	0.0136	0.004	0.028	1.00 - 5.00
7-00056	70110	Cs-134	-0.0048 U	0.0113	0.0042	0.0864	1.00 - 5.00
7-00056	70110	Cs-137	0.103	0.0143	0.0093	0.207	1.00 - 5.00
7-00056	70110	Eu-152	-0.0134 U	0.0366	0.0118	0.0566	1.00 - 5.00
7-00056	70110	Eu-154	-0.0445 U	0.0735	0.025	0.15	1.00 - 5.00
7-00056	70110	Eu-155	0.0499 JS	0.0522	0.0198	0.231	1.00 - 5.00
7-00056	70110	H-3	2.17 U	8.58	2.57	11.9	1.00 - 5.00
7-00056	70110	Ho-166m	-0.002 U	0.0208	0.0061	0.0432	1.00 - 5.00
7-00056	70110	K-40	19.3	0.0963	1.09	32.4	1.00 - 5.00
7-00056	70110	Na-22	0.0043 U	0.0167	0.0058	0.037	1.00 - 5.00
7-00056	70110	Nb-94	0.0051 U	0.0123	0.0037	0.0214	1.00 - 5.00
7-00056	70110	Np-236	-0.016 U	0.0281	0.0095	0.047	1.00 - 5.00
7-00056	70110	Np-239	0.0156 U	0.102	0.0299	0.139	1.00 - 5.00
7-00056	70110	Pa-231	0.24 U	0.625	0.196	0.936	1.00 - 5.00
7-00056	70110	Pb-212	1.21	0.0262	0.0726	2.69	1.00 - 5.00
7-00056	70110	Pb-214	0.866	0.0261	0.0425	1.7	1.00 - 5.00
7-00056	70110	Pu-236	0.007	0.0063	0.0041	7.79	1.00 - 5.00
7-00056	70110	Pu-238	-0.0004 U	0.0203	0.0042	0.0415	1.00 - 5.00
7-00056	70110	Pu-239/240	-0.0048 U	0.0203	0.0036	0.0404	1.00 - 5.00
7-00056	70110	Pu-244	0.0006 U	0.0143	0.0028	0.0313	1.00 - 5.00
7-00056	70110	Sb-125	0.0075 U	0.0359	0.0108	0.354	1.00 - 5.00
7-00056	70110	Sn-126	-0.0038 U	0.0126	0.0038	0.0237	1.00 - 5.00
7-00056	70110	Sr-90	0.83	0.354	0.161	0.485	1.00 - 5.00
7-00056	70110	Th-228	1.25	0.0931	0.125	3.98	1.00 - 5.00
7-00056	70110	Th-229	0.0512	0.0198	0.0196	0.145	1.00 - 5.00
7-00056	70110	Th-230	0.854	0.0537	0.094	2.2	1.00 - 5.00
7-00056	70110	Th-232	1.03	0.0197	0.106	3.1	1.00 - 5.00
7-00056	70110	Th-234	1.25	0.216	0.124	3.19	1.00 - 5.00
7-00056	70110	Tl-208	0.38	0.013	0.0215	0.937	1.00 - 5.00
7-00056	70110	Tm-171	1.04 U	8.81	2.96	72.4	1.00 - 5.00
7-00056	70110	U-233/234	0.992	0.0149	0.104	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00056	70110	U-235/236	0.0612	0.0184	0.0209	0.151	1.00 - 5.00
7-00056	70110	U-238	0.858	0.0149	0.0932	1.8	1.00 - 5.00
7-00057	70111	Ac-227	-0.117 U	0.18	0.0633	0.217	1.00 - 4.00
7-00057	70111	Ac-228	1.13	0.116	0.0562	2.4	1.00 - 4.00
7-00057	70111	Am-241	0.0014 U	0.0157	0.0032	0.0454	1.00 - 4.00
7-00057	70111	Bi-212	0.835 J	0.163	0.0921	2.15	1.00 - 4.00
7-00057	70111	Bi-214	0.906	0.0338	0.0463	1.59	1.00 - 4.00
7-00057	70111	Cd-113m	-10.3 U	123	38.2	3030	1.00 - 4.00
7-00057	70111	Cm-243/244	0.0057	0.0077	0.004	0.0443	1.00 - 4.00
7-00057	70111	Co-60	-0.0025 U	0.0208	0.006	0.028	1.00 - 4.00
7-00057	70111	Cs-134	0.0002 U	0.017	0.0058	0.0864	1.00 - 4.00
7-00057	70111	Cs-137	0.121	0.0198	0.011	0.207	1.00 - 4.00
7-00057	70111	Eu-152	-0.0211 U	0.0487	0.0164	0.0566	1.00 - 4.00
7-00057	70111	Eu-154	-0.0741 U	0.119	0.0407	0.15	1.00 - 4.00
7-00057	70111	Eu-155	0.0918 JS	0.0538	0.0243	0.231	1.00 - 4.00
7-00057	70111	H-3	6.23	9.09	2.8	11.9	1.00 - 4.00
7-00057	70111	Ho-166m	-0.005 U	0.031	0.0091	0.0432	1.00 - 4.00
7-00057	70111	K-40	18.8	0.178	1.04	32.4	1.00 - 4.00
7-00057	70111	Na-22	-0.0044 U	0.0257	0.0075	0.037	1.00 - 4.00
7-00057	70111	Nb-94	0.0064 U	0.0183	0.0054	0.0214	1.00 - 4.00
7-00057	70111	Np-236	-0.0115 U	0.0306	0.0095	0.047	1.00 - 4.00
7-00057	70111	Np-239	0.0649 J	0.125	0.0406	0.139	1.00 - 4.00
7-00057	70111	Pa-231	0.338 U	0.805	0.257	0.936	1.00 - 4.00
7-00057	70111	Pb-212	1.34	0.0325	0.0756	2.69	1.00 - 4.00
7-00057	70111	Pb-214	0.962	0.0343	0.0466	1.7	1.00 - 4.00
7-00057	70111	Pu-236	-0.0015 U	0.0133	0.0026	7.79	1.00 - 4.00
7-00057	70111	Pu-238	0.0051 U	0.0158	0.0045	0.0415	1.00 - 4.00
7-00057	70111	Pu-239/240	0.0132	0.0158	0.0061	0.0404	1.00 - 4.00
7-00057	70111	Pu-244	0.0066	0.0128	0.0043	0.0313	1.00 - 4.00
7-00057	70111	Sb-125	0.0103 U	0.0494	0.0146	0.354	1.00 - 4.00
7-00057	70111	Sn-126	0.0098 U	0.0206	0.0062	0.0237	1.00 - 4.00
7-00057	70111	Sr-90	0.489	0.299	0.117	0.485	1.00 - 4.00
7-00057	70111	Th-228	1.55	0.0673	0.139	3.98	1.00 - 4.00
7-00057	70111	Th-229	0.0205 U	0.0736	0.0205	0.145	1.00 - 4.00
7-00057	70111	Th-230	0.982	0.0734	0.101	2.2	1.00 - 4.00
7-00057	70111	Th-232	1.26	0.0184	0.118	3.1	1.00 - 4.00
7-00057	70111	Th-234	1.54	0.214	0.132	3.19	1.00 - 4.00
7-00057	70111	Tl-208	0.44	0.0186	0.0264	0.937	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00057	70111	Tm-171	0.48 U	6.99	2.23	72.4	1.00 - 4.00
7-00057	70111	U-233/234	0.857	0.0357	0.0939	2.02	1.00 - 4.00
7-00057	70111	U-235/236	0.0455	0.0547	0.0211	0.151	1.00 - 4.00
7-00057	70111	U-238	0.881	0.0152	0.0956	1.8	1.00 - 4.00
7-00059	70113	Ac-227	0.052 U	0.223	0.0693	0.217	1.00 - 5.00
7-00059	70113	Ac-228	1.31	0.106	0.0647	2.4	1.00 - 5.00
7-00059	70113	Am-241	0.0035 U	0.0176	0.0045	0.0454	1.00 - 5.00
7-00059	70113	Bi-212	0.967	0.142	0.0879	2.15	1.00 - 5.00
7-00059	70113	Bi-214	0.977	0.0324	0.0467	1.59	1.00 - 5.00
7-00059	70113	Cd-113m	-52.9 U	145	46.9	3030	1.00 - 5.00
7-00059	70113	Cm-243/244	0.0074	0.0143	0.0048	0.0443	1.00 - 5.00
7-00059	70113	Co-60	0.0118 J	0.0206	0.0064	0.028	1.00 - 5.00
7-00059	70113	Cs-134	0.0021 U	0.0165	0.0055	0.0864	1.00 - 5.00
7-00059	70113	Cs-137	-0.0071 UJ	0.0181	0.0065	0.207	1.00 - 5.00
7-00059	70113	Eu-152	0.0107 U	0.0537	0.0193	0.0566	1.00 - 5.00
7-00059	70113	Eu-154	0.0514 U	0.11	0.0389	0.15	1.00 - 5.00
7-00059	70113	Eu-155	0.0685 JS	0.0818	0.0277	0.231	1.00 - 5.00
7-00059	70113	H-3	-0.622 U	8.25	2.16	11.9	1.00 - 5.00
7-00059	70113	Ho-166m	-0.0146 U	0.0278	0.0091	0.0432	1.00 - 5.00
7-00059	70113	K-40	20.8	0.14	1.29	32.4	1.00 - 5.00
7-00059	70113	Na-22	-0.0169 UJ	0.0226	0.008	0.037	1.00 - 5.00
7-00059	70113	Nb-94	0.0075 U	0.0175	0.0053	0.0214	1.00 - 5.00
7-00059	70113	Np-236	-0.0128 U	0.0433	0.0138	0.047	1.00 - 5.00
7-00059	70113	Np-239	0.0162 U	0.146	0.0449	0.139	1.00 - 5.00
7-00059	70113	Pa-231	-0.164 U	0.895	0.282	0.936	1.00 - 5.00
7-00059	70113	Pb-212	1.5	0.0388	0.0996	2.69	1.00 - 5.00
7-00059	70113	Pb-214	1.08	0.0381	0.0556	1.7	1.00 - 5.00
7-00059	70113	Pu-236	-0.013 U	0.0397	0.0075	7.79	1.00 - 5.00
7-00059	70113	Pu-238	-0.0118 U	0.0401	0.008	0.0415	1.00 - 5.00
7-00059	70113	Pu-239/240	0.0028	0.0076	0.0028	0.0404	1.00 - 5.00
7-00059	70113	Pu-244	0.0028	0.0076	0.0028	0.0313	1.00 - 5.00
7-00059	70113	Sb-125	-0.0059 U	0.049	0.0148	0.354	1.00 - 5.00
7-00059	70113	Sn-126	0.0043 U	0.0194	0.0057	0.0237	1.00 - 5.00
7-00059	70113	Sr-90	0.153	0.218	0.0719	0.485	1.00 - 5.00
7-00059	70113	Th-228	1.09	0.0595	0.115	3.98	1.00 - 5.00
7-00059	70113	Th-229	0.0231	0.0566	0.0173	0.145	1.00 - 5.00
7-00059	70113	Th-230	0.744	0.0565	0.0883	2.2	1.00 - 5.00
7-00059	70113	Th-232	1	0.0207	0.106	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00059	70113	Th-234	1.41 J	0.351	0.169	3.19	1.00 - 5.00
7-00059	70113	Tl-208	0.452	0.0179	0.0262	0.937	1.00 - 5.00
7-00059	70113	Tm-171	-19 UJ	21.3	8.53	72.4	1.00 - 5.00
7-00059	70113	U-233/234	0.871	0.0363	0.0956	2.02	1.00 - 5.00
7-00059	70113	U-235/236	0.0704	0.0191	0.0229	0.151	1.00 - 5.00
7-00059	70113	U-238	1.04	0.0363	0.109	1.8	1.00 - 5.00
7-00060	70114	Ac-227	-0.0298 U	0.193	0.0601	0.217	1.00 - 3.60
7-00060	70114	Ac-228	1.33	0.12	0.0637	2.4	1.00 - 3.60
7-00060	70114	Am-241	-0.0038 U	0.0294	0.0052	0.0454	1.00 - 3.60
7-00060	70114	Bi-212	0.935	0.164	0.0889	2.15	1.00 - 3.60
7-00060	70114	Bi-214	0.988	0.036	0.0499	1.59	1.00 - 3.60
7-00060	70114	Cd-113m	1.1 U	128	41.5	3030	1.00 - 3.60
7-00060	70114	Cm-243/244	-0.0014 U	0.0257	0.0047	0.0443	1.00 - 3.60
7-00060	70114	Co-60	-0.0022 U	0.0217	0.0063	0.028	1.00 - 3.60
7-00060	70114	Cs-134	0.0035 U	0.0178	0.0061	0.0864	1.00 - 3.60
7-00060	70114	Cs-137	0.003 U	0.0208	0.0072	0.207	1.00 - 3.60
7-00060	70114	Eu-152	-0.025 U	0.0494	0.0169	0.0566	1.00 - 3.60
7-00060	70114	Eu-154	-0.0289 U	0.122	0.0373	0.15	1.00 - 3.60
7-00060	70114	Eu-155	0.0953 SJ	0.056	0.0232	0.231	1.00 - 3.60
7-00060	70114	H-3	2.22 U	8.15	2.36	11.9	1.00 - 3.60
7-00060	70114	Ho-166m	0.0069 U	0.0336	0.0097	0.0432	1.00 - 3.60
7-00060	70114	K-40	19	0.162	1.05	32.4	1.00 - 3.60
7-00060	70114	Na-22	-0.014 U	0.0256	0.0083	0.037	1.00 - 3.60
7-00060	70114	Nb-94	0.0121 SJ	0.0196	0.0061	0.0214	1.00 - 3.60
7-00060	70114	Np-236	-0.0014 U	0.0314	0.0093	0.047	1.00 - 3.60
7-00060	70114	Np-239	0.0269 U	0.13	0.0401	0.139	1.00 - 3.60
7-00060	70114	Pa-231	0.129 U	0.811	0.251	0.936	1.00 - 3.60
7-00060	70114	Pb-212	1.49	0.0323	0.0839	2.69	1.00 - 3.60
7-00060	70114	Pb-214	1.06	0.0362	0.0507	1.7	1.00 - 3.60
7-00060	70114	Pu-236	0.0027	0.0073	0.0027	7.79	1.00 - 3.60
7-00060	70114	Pu-238	0.0105	0.0071	0.0053	0.0415	1.00 - 3.60
7-00060	70114	Pu-239/240	0.0113	0.0168	0.0062	0.0404	1.00 - 3.60
7-00060	70114	Pu-244	0.0007 U	0.0168	0.0033	0.0313	1.00 - 3.60
7-00060	70114	Sb-125	0.0094 U	0.0486	0.0143	0.354	1.00 - 3.60
7-00060	70114	Sn-126	-0.008 U	0.0209	0.0064	0.0237	1.00 - 3.60
7-00060	70114	Sr-90	0.141	0.172	0.0573	0.485	1.00 - 3.60
7-00060	70114	Th-228	1.63	0.0862	0.133	3.98	1.00 - 3.60
7-00060	70114	Th-229	0.0742	0.0493	0.0229	0.145	1.00 - 3.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00060	70114	Th-230	0.963	0.0491	0.0901	2.2	1.00 - 3.60
7-00060	70114	Th-232	1.3	0.0388	0.111	3.1	1.00 - 3.60
7-00060	70114	Th-234	1.46	0.224	0.128	3.19	1.00 - 3.60
7-00060	70114	Tl-208	0.479	0.0187	0.0287	0.937	1.00 - 3.60
7-00060	70114	Tm-171	-3.52 U	6.97	2.41	72.4	1.00 - 3.60
7-00060	70114	U-233/234	0.858	0.0351	0.0935	2.02	1.00 - 3.60
7-00060	70114	U-235/236	0.0544	0.0184	0.0197	0.151	1.00 - 3.60
7-00060	70114	U-238	1.02	0.0149	0.106	1.8	1.00 - 3.60
7-00061	70115	Ac-227	0.0381 U	0.171	0.0526	0.217	0.00 - 0.50
7-00061	70115	Ac-228	1.14	0.0885	0.055	2.4	0.00 - 0.50
7-00061	70115	Am-241	-0.003 U	0.0265	0.0056	0.0454	0.00 - 0.50
7-00061	70115	Bi-212	0.772	0.121	0.0673	2.15	0.00 - 0.50
7-00061	70115	Bi-214	0.868	0.0278	0.042	1.59	0.00 - 0.50
7-00061	70115	Cd-113m	-30 U	113	35.7	3030	0.00 - 0.50
7-00061	70115	Cm-243/244	-0.0049 U	0.0206	0.0037	0.0443	0.00 - 0.50
7-00061	70115	Co-60	-0.0089 U	0.0156	0.0054	0.028	0.00 - 0.50
7-00061	70115	Cs-134	0.0014 U	0.0137	0.0047	0.0864	0.00 - 0.50
7-00061	70115	Cs-137	0.162	0.0179	0.0119	0.207	0.00 - 0.50
7-00061	70115	Eu-152	-0.0235 U	0.0417	0.0136	0.0566	0.00 - 0.50
7-00061	70115	Eu-154	-0.0966 UJ	0.0858	0.0356	0.15	0.00 - 0.50
7-00061	70115	Eu-155	0.0765 SJ	0.0577	0.0267	0.231	0.00 - 0.50
7-00061	70115	Ho-166m	-0.0116 U	0.0247	0.0082	0.0432	0.00 - 0.50
7-00061	70115	K-40	20.7	0.119	1.18	32.4	0.00 - 0.50
7-00061	70115	Na-22	-0.0132 U	0.0189	0.0067	0.037	0.00 - 0.50
7-00061	70115	Nb-94	0.0005 U	0.0145	0.0044	0.0214	0.00 - 0.50
7-00061	70115	Np-236	0.0032 U	0.0327	0.0096	0.047	0.00 - 0.50
7-00061	70115	Np-239	0.0437 U	0.116	0.0364	0.139	0.00 - 0.50
7-00061	70115	Pa-231	-0.0446 U	0.713	0.22	0.936	0.00 - 0.50
7-00061	70115	Pb-212	1.27	0.0296	0.0761	2.69	0.00 - 0.50
7-00061	70115	Pb-214	0.952	0.0302	0.047	1.7	0.00 - 0.50
7-00061	70115	Pu-236	0.0102 U	0.041	0.0114	7.79	0.00 - 0.50
7-00061	70115	Pu-238	0.006 U	0.0378	0.0099	0.0415	0.00 - 0.50
7-00061	70115	Pu-239/240	0.013	0.0194	0.0072	0.0404	0.00 - 0.50
7-00061	70115	Pu-244	-0.0022 U	0.0194	0.0038	0.0313	0.00 - 0.50
7-00061	70115	Sb-125	0.0101 U	0.0402	0.0118	0.354	0.00 - 0.50
7-00061	70115	Sn-126	-0.0008 U	0.0156	0.0047	0.0237	0.00 - 0.50
7-00061	70115	Sr-90	-0.0495 U	0.285	0.0715	0.485	0.00 - 0.50
7-00061	70115	Th-228	1.13	0.0615	0.103	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00061	70115	Th-229	0.0437	0.0508	0.0191	0.145	0.00 - 0.50
7-00061	70115	Th-230	0.731	0.0402	0.0757	2.2	0.00 - 0.50
7-00061	70115	Th-232	1.12	0.04	0.101	3.1	0.00 - 0.50
7-00061	70115	Th-234	1.64	0.252	0.163	3.19	0.00 - 0.50
7-00061	70115	Tl-208	0.411	0.0146	0.0241	0.937	0.00 - 0.50
7-00061	70115	Tm-171	1.29 U	11.9	4.12	72.4	0.00 - 0.50
7-00061	70115	U-233/234	0.984	0.0199	0.114	2.02	0.00 - 0.50
7-00061	70115	U-235/236	0.0272	0.0246	0.0158	0.151	0.00 - 0.50
7-00061	70115	U-238	0.963	0.0467	0.112	1.8	0.00 - 0.50
7-00061	70116	Ac-227	0.0332 U	0.206	0.0627	0.217	1.00 - 2.50
7-00061	70116	Ac-228	1.46	0.0936	0.069	2.4	1.00 - 2.50
7-00061	70116	Am-241	-0.0088 U	0.0371	0.0081	0.0454	1.00 - 2.50
7-00061	70116	Bi-212	1.04	0.129	0.0906	2.15	1.00 - 2.50
7-00061	70116	Bi-214	1.09	0.0317	0.0514	1.59	1.00 - 2.50
7-00061	70116	Cd-113m	58 U	137	49	3030	1.00 - 2.50
7-00061	70116	Cm-243/244	0.0058 U	0.0263	0.0071	0.0443	1.00 - 2.50
7-00061	70116	Co-60	0.0002 U	0.0165	0.0048	0.028	1.00 - 2.50
7-00061	70116	Cs-134	0.0044 U	0.0151	0.0051	0.0864	1.00 - 2.50
7-00061	70116	Cs-137	0.0447	0.0175	0.0073	0.207	1.00 - 2.50
7-00061	70116	Eu-152	-0.0294 U	0.0495	0.0192	0.0566	1.00 - 2.50
7-00061	70116	Eu-154	-0.0243 U	0.0978	0.0305	0.15	1.00 - 2.50
7-00061	70116	Eu-155	0.009 U	0.0761	0.0226	0.231	1.00 - 2.50
7-00061	70116	Ho-166m	-0.0042 U	0.0268	0.0081	0.0432	1.00 - 2.50
7-00061	70116	K-40	20.9	0.132	1.22	32.4	1.00 - 2.50
7-00061	70116	Na-22	-0.0106 U	0.0196	0.0064	0.037	1.00 - 2.50
7-00061	70116	Nb-94	0.0127 JS	0.0163	0.0055	0.0214	1.00 - 2.50
7-00061	70116	Np-236	-0.0092 U	0.0411	0.0125	0.047	1.00 - 2.50
7-00061	70116	Np-239	0.0621 U	0.141	0.0446	0.139	1.00 - 2.50
7-00061	70116	Pa-231	-0.272 U	0.865	0.274	0.936	1.00 - 2.50
7-00061	70116	Pb-212	1.59	0.0351	0.0965	2.69	1.00 - 2.50
7-00061	70116	Pb-214	1.24	0.0348	0.0602	1.7	1.00 - 2.50
7-00061	70116	Pu-236	-0.0035 U	0.0192	0.0035	7.79	1.00 - 2.50
7-00061	70116	Pu-238	-0.0017 U	0.0153	0.003	0.0415	1.00 - 2.50
7-00061	70116	Pu-239/240	0.0044 U	0.0217	0.0057	0.0404	1.00 - 2.50
7-00061	70116	Pu-244	0	0.0065	0.0024	0.0313	1.00 - 2.50
7-00061	70116	Sb-125	-0.0008 U	0.0461	0.0135	0.354	1.00 - 2.50
7-00061	70116	Sn-126	0.0202 J	0.0189	0.0071	0.0237	1.00 - 2.50
7-00061	70116	Sr-90	0.0715	0.125	0.0397	0.485	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00061	70116	Th-228	1.55 L	0.0923	0.139	3.98	1.00 - 2.50
7-00061	70116	Th-229	0.0344 L	0.0639	0.0207	0.145	1.00 - 2.50
7-00061	70116	Th-230	1.12 L	0.0186	0.109	2.2	1.00 - 2.50
7-00061	70116	Th-232	1.42 L	0.0504	0.128	3.1	1.00 - 2.50
7-00061	70116	Th-234	1.48 J	0.325	0.165	3.19	1.00 - 2.50
7-00061	70116	Tl-208	0.503	0.0169	0.0283	0.937	1.00 - 2.50
7-00061	70116	Tm-171	-7.34 U	14.9	5.31	72.4	1.00 - 2.50
7-00061	70116	U-233/234	1.18	0.0447	0.127	2.02	1.00 - 2.50
7-00061	70116	U-235/236	0.0953	0.0235	0.0296	0.151	1.00 - 2.50
7-00061	70116	U-238	1.05	0.0447	0.117	1.8	1.00 - 2.50
7-00062	70117	Ac-227	-0.133 UJ	0.185	0.0647	0.217	0.00 - 0.50
7-00062	70117	Ac-228	0.955	0.0962	0.0488	2.4	0.00 - 0.50
7-00062	70117	Am-241	0.0101	0.0055	0.0046	0.0454	0.00 - 0.50
7-00062	70117	Bi-212	0.739 J	0.126	0.0749	2.15	0.00 - 0.50
7-00062	70117	Bi-214	0.764	0.03	0.0386	1.59	0.00 - 0.50
7-00062	70117	Cd-113m	-35.1 U	130	39.9	3030	0.00 - 0.50
7-00062	70117	Cm-243/244	0.0026 U	0.013	0.0032	0.0443	0.00 - 0.50
7-00062	70117	Co-60	0.0036 UJ	0.0185	0.0054	0.028	0.00 - 0.50
7-00062	70117	Cs-134	0.0102 JS	0.0155	0.0055	0.0864	0.00 - 0.50
7-00062	70117	Cs-137	0.168	0.0183	0.0128	0.207	0.00 - 0.50
7-00062	70117	Eu-152	-0.0156 U	0.0465	0.0147	0.0566	0.00 - 0.50
7-00062	70117	Eu-154	-0.0615 U	0.0914	0.0314	0.15	0.00 - 0.50
7-00062	70117	Eu-155	0.0104 U	0.0678	0.0209	0.231	0.00 - 0.50
7-00062	70117	Ho-166m	-0.001 U	0.0267	0.0079	0.0432	0.00 - 0.50
7-00062	70117	K-40	19.5	0.129	1.21	32.4	0.00 - 0.50
7-00062	70117	Na-22	-0.002 U	0.022	0.0066	0.037	0.00 - 0.50
7-00062	70117	Nb-94	0.0012 U	0.0157	0.0046	0.0214	0.00 - 0.50
7-00062	70117	Np-236	0.0031 U	0.0372	0.0114	0.047	0.00 - 0.50
7-00062	70117	Np-239	0.0208 U	0.128	0.038	0.139	0.00 - 0.50
7-00062	70117	Pa-231	-0.0639 U	0.804	0.25	0.936	0.00 - 0.50
7-00062	70117	Pb-212	1.1	0.0341	0.0719	2.69	0.00 - 0.50
7-00062	70117	Pb-214	0.855	0.0347	0.0432	1.7	0.00 - 0.50
7-00062	70117	Pu-236	0.0042	0.0057	0.003	7.79	0.00 - 0.50
7-00062	70117	Pu-238	-0.0003 U	0.0185	0.0039	0.0415	0.00 - 0.50
7-00062	70117	Pu-239/240	0.0067	0.013	0.0043	0.0404	0.00 - 0.50
7-00062	70117	Pu-244	0	0.0055	0.002	0.0313	0.00 - 0.50
7-00062	70117	Sb-125	0.0109 U	0.0461	0.0141	0.354	0.00 - 0.50
7-00062	70117	Sn-126	-0.0007 U	0.0168	0.005	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00062	70117	Sr-90	-0.0331 U	0.166	0.0425	0.485	0.00 - 0.50
7-00062	70117	Th-228	1.26	0.0997	0.112	3.98	0.00 - 0.50
7-00062	70117	Th-229	0.0579	0.0489	0.0206	0.145	0.00 - 0.50
7-00062	70117	Th-230	0.888	0.0142	0.0845	2.2	0.00 - 0.50
7-00062	70117	Th-232	1.12	0.0487	0.0992	3.1	0.00 - 0.50
7-00062	70117	Th-234	0.97 J	0.298	0.144	3.19	0.00 - 0.50
7-00062	70117	Tl-208	0.363	0.0162	0.0222	0.937	0.00 - 0.50
7-00062	70117	Tm-171	-0.215 U	16	5.38	72.4	0.00 - 0.50
7-00062	70117	U-233/234	0.844	0.0518	0.0983	2.02	0.00 - 0.50
7-00062	70117	U-235/236	0.0487	0.022	0.0202	0.151	0.00 - 0.50
7-00062	70117	U-238	0.874	0.0178	0.1	1.8	0.00 - 0.50
7-00065	70120	Ac-227	-0.0113 U	0.197	0.0587	0.217	1.00 - 3.00
7-00065	70120	Ac-228	1.1	0.0926	0.0555	2.4	1.00 - 3.00
7-00065	70120	Am-241	0.0065	0.0058	0.0038	0.0454	1.00 - 3.00
7-00065	70120	Bi-212	0.68 J	0.132	0.0691	2.15	1.00 - 3.00
7-00065	70120	Bi-214	0.913	0.0303	0.0446	1.59	1.00 - 3.00
7-00065	70120	Cd-113m	32.8 U	135	40.5	3030	1.00 - 3.00
7-00065	70120	Cm-243/244	0.0043	0.0059	0.0031	0.0443	1.00 - 3.00
7-00065	70120	Co-60	-0.0072 U	0.0181	0.0058	0.028	1.00 - 3.00
7-00065	70120	Cs-134	-0.0038 U	0.0142	0.005	0.0864	1.00 - 3.00
7-00065	70120	Cs-137	-0.005 U	0.0179	0.0055	0.207	1.00 - 3.00
7-00065	70120	Eu-152	-0.0107 U	0.0501	0.016	0.0566	1.00 - 3.00
7-00065	70120	Eu-154	-0.0026 U	0.104	0.0302	0.15	1.00 - 3.00
7-00065	70120	Eu-155	0.0328 U	0.0725	0.0234	0.231	1.00 - 3.00
7-00065	70120	Ho-166m	-0.0078 U	0.0266	0.0083	0.0432	1.00 - 3.00
7-00065	70120	K-40	19.7	0.139	1.22	32.4	1.00 - 3.00
7-00065	70120	Na-22	-0.0077 U	0.022	0.0069	0.037	1.00 - 3.00
7-00065	70120	Nb-94	0.0068 U	0.0164	0.005	0.0214	1.00 - 3.00
7-00065	70120	Np-236	-0.0031 U	0.0392	0.0121	0.047	1.00 - 3.00
7-00065	70120	Np-239	-0.0219 U	0.134	0.0402	0.139	1.00 - 3.00
7-00065	70120	Pa-231	-0.111 U	0.838	0.262	0.936	1.00 - 3.00
7-00065	70120	Pb-212	1.28	0.0333	0.0825	2.69	1.00 - 3.00
7-00065	70120	Pb-214	1.01	0.0354	0.0496	1.7	1.00 - 3.00
7-00065	70120	Pu-236	-0.0025 U	0.0193	0.0034	7.79	1.00 - 3.00
7-00065	70120	Pu-238	0.0027 U	0.0133	0.0033	0.0415	1.00 - 3.00
7-00065	70120	Pu-239/240	0.0054 U	0.0165	0.0047	0.0404	1.00 - 3.00
7-00065	70120	Pu-244	0.0021	0.0057	0.0021	0.0313	1.00 - 3.00
7-00065	70120	Sb-125	0.0246 SJ	0.0456	0.0147	0.354	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00065	70120	Sn-126	0 U	0.0177	0.0052	0.0237	1.00 - 3.00
7-00065	70120	Sr-90	0.0316 U	0.21	0.0603	0.485	1.00 - 3.00
7-00065	70120	Th-228	1.19	0.0771	0.107	3.98	1.00 - 3.00
7-00065	70120	Th-229	0.0321	0.0497	0.017	0.145	1.00 - 3.00
7-00065	70120	Th-230	0.922	0.0393	0.0879	2.2	1.00 - 3.00
7-00065	70120	Th-232	1.29	0.0572	0.111	3.1	1.00 - 3.00
7-00065	70120	Th-234	1.17 J	0.317	0.146	3.19	1.00 - 3.00
7-00065	70120	Tl-208	0.366	0.0171	0.0217	0.937	1.00 - 3.00
7-00065	70120	Tm-171	-0.815 U	15.8	5.34	72.4	1.00 - 3.00
7-00065	70120	U-233/234	0.817	0.0353	0.0845	2.02	1.00 - 3.00
7-00065	70120	U-235/236	0.0277	0.015	0.0125	0.151	1.00 - 3.00
7-00065	70120	U-238	0.859	0.0405	0.0879	1.8	1.00 - 3.00
7-00066	70121	Ac-227	0.0056 U	0.196	0.06	0.217	0.00 - 0.50
7-00066	70121	Ac-228	1.27	0.0884	0.0621	2.4	0.00 - 0.50
7-00066	70121	Am-241	0.0105	0.0232	0.0073	0.0454	0.00 - 0.50
7-00066	70121	Bi-212	0.929	0.119	0.0723	2.15	0.00 - 0.50
7-00066	70121	Bi-214	1.07	0.0282	0.0498	1.59	0.00 - 0.50
7-00066	70121	Cd-113m	33.3 U	133	44.6	3030	0.00 - 0.50
7-00066	70121	Cm-243/244	0.0038 U	0.0188	0.0047	0.0443	0.00 - 0.50
7-00066	70121	Co-60	-0.003 U	0.0155	0.0047	0.028	0.00 - 0.50
7-00066	70121	Cs-134	0.0025 U	0.0142	0.0049	0.0864	0.00 - 0.50
7-00066	70121	Cs-137	0.167	0.0167	0.0122	0.207	0.00 - 0.50
7-00066	70121	Eu-152	-0.0078 UJ	0.0465	0.0201	0.0566	0.00 - 0.50
7-00066	70121	Eu-154	-0.0034 U	0.0902	0.0264	0.15	0.00 - 0.50
7-00066	70121	Eu-155	0.075 JS	0.0728	0.0278	0.231	0.00 - 0.50
7-00066	70121	Ho-166m	0.009 U	0.0252	0.0077	0.0432	0.00 - 0.50
7-00066	70121	K-40	21.6	0.124	1.31	32.4	0.00 - 0.50
7-00066	70121	Na-22	0.0054 U	0.0189	0.0065	0.037	0.00 - 0.50
7-00066	70121	Nb-94	0.0101 JS	0.0146	0.0049	0.0214	0.00 - 0.50
7-00066	70121	Np-236	-0.0189 U	0.038	0.0123	0.047	0.00 - 0.50
7-00066	70121	Np-239	0.0536 U	0.134	0.0424	0.139	0.00 - 0.50
7-00066	70121	Pa-231	0.167 U	0.828	0.265	0.936	0.00 - 0.50
7-00066	70121	Pb-212	1.45	0.0332	0.0885	2.69	0.00 - 0.50
7-00066	70121	Pb-214	1.23	0.0343	0.0582	1.7	0.00 - 0.50
7-00066	70121	Pu-236	-0.0013 U	0.0239	0.0043	7.79	0.00 - 0.50
7-00066	70121	Pu-238	0.0008 U	0.0187	0.0036	0.0415	0.00 - 0.50
7-00066	70121	Pu-239/240	0.0075 U	0.0232	0.0066	0.0404	0.00 - 0.50
7-00066	70121	Pu-244	0.0008 U	0.0187	0.0036	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00066	70121	Sb-125	-0.0147 U	0.0433	0.0134	0.354	0.00 - 0.50
7-00066	70121	Sn-126	-0.0019 U	0.0157	0.0048	0.0237	0.00 - 0.50
7-00066	70121	Sr-90	-0.0162 U	0.37	0.1	0.485	0.00 - 0.50
7-00066	70121	Th-228	1.36	0.0952	0.134	3.98	0.00 - 0.50
7-00066	70121	Th-229	0.0379	0.0558	0.0202	0.145	0.00 - 0.50
7-00066	70121	Th-230	1.17	0.0205	0.117	2.2	0.00 - 0.50
7-00066	70121	Th-232	1.33	0.0204	0.128	3.1	0.00 - 0.50
7-00066	70121	Th-234	1.85 J	0.31	0.187	3.19	0.00 - 0.50
7-00066	70121	Tl-208	0.435	0.0156	0.0245	0.937	0.00 - 0.50
7-00066	70121	Tm-171	-8.62 U	14.8	5.43	72.4	0.00 - 0.50
7-00066	70121	U-233/234	1.17	0.0277	0.11	2.02	0.00 - 0.50
7-00066	70121	U-235/236	0.0822	0.0343	0.0226	0.151	0.00 - 0.50
7-00066	70121	U-238	1.1	0.0277	0.105	1.8	0.00 - 0.50
7-00066	70122	Ac-227	-0.0033 U	0.204	0.0606	0.217	1.00 - 2.30
7-00066	70122	Ac-228	1.1	0.105	0.0553	2.4	1.00 - 2.30
7-00066	70122	Am-241	0.0026 U	0.0129	0.0032	0.0454	1.00 - 2.30
7-00066	70122	Bi-212	0.768 J	0.137	0.0769	2.15	1.00 - 2.30
7-00066	70122	Bi-214	0.799	0.0329	0.0398	1.59	1.00 - 2.30
7-00066	70122	Cd-113m	7.18 U	135	40.2	3030	1.00 - 2.30
7-00066	70122	Cm-243/244	0.0041	0.0055	0.0029	0.0443	1.00 - 2.30
7-00066	70122	Co-60	-0.0042 U	0.0189	0.0056	0.028	1.00 - 2.30
7-00066	70122	Cs-134	0.0032 U	0.0157	0.0053	0.0864	1.00 - 2.30
7-00066	70122	Cs-137	0.334	0.0193	0.0208	0.207	1.00 - 2.30
7-00066	70122	Eu-152	-0.0117 U	0.0483	0.0184	0.0566	1.00 - 2.30
7-00066	70122	Eu-154	0.0753 J	0.109	0.0393	0.15	1.00 - 2.30
7-00066	70122	Eu-155	0.0737 SJ	0.0708	0.0268	0.231	1.00 - 2.30
7-00066	70122	Ho-166m	-0.0086 U	0.0267	0.0084	0.0432	1.00 - 2.30
7-00066	70122	K-40	24.1	0.137	1.52	32.4	1.00 - 2.30
7-00066	70122	Na-22	-0.0031 U	0.0234	0.0071	0.037	1.00 - 2.30
7-00066	70122	Nb-94	0.0017 U	0.0159	0.0048	0.0214	1.00 - 2.30
7-00066	70122	Np-236	-0.0265 U	0.039	0.0137	0.047	1.00 - 2.30
7-00066	70122	Np-239	-0.07 U	0.136	0.0441	0.139	1.00 - 2.30
7-00066	70122	Pa-231	-0.132 U	0.845	0.265	0.936	1.00 - 2.30
7-00066	70122	Pb-212	1.29	0.0342	0.0789	2.69	1.00 - 2.30
7-00066	70122	Pb-214	0.919	0.0348	0.0465	1.7	1.00 - 2.30
7-00066	70122	Pu-236	0.0063	0.0057	0.0036	7.79	1.00 - 2.30
7-00066	70122	Pu-238	0.0029 U	0.0224	0.0057	0.0415	1.00 - 2.30
7-00066	70122	Pu-239/240	0.0094	0.0162	0.0055	0.0404	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00066	70122	Pu-244	0	0.0056	0.0021	0.0313	1.00 - 2.30
7-00066	70122	Sb-125	-0.0085 U	0.0457	0.0135	0.354	1.00 - 2.30
7-00066	70122	Sn-126	-0.0024 U	0.0176	0.0053	0.0237	1.00 - 2.30
7-00066	70122	Sr-90	0.1	0.153	0.0491	0.485	1.00 - 2.30
7-00066	70122	Th-228	1.09	0.0783	0.101	3.98	1.00 - 2.30
7-00066	70122	Th-229	0.0434	0.04	0.0173	0.145	1.00 - 2.30
7-00066	70122	Th-230	0.844	0.0147	0.083	2.2	1.00 - 2.30
7-00066	70122	Th-232	1.15	0.0397	0.103	3.1	1.00 - 2.30
7-00066	70122	Th-234	2.85	0.325	0.234	3.19	1.00 - 2.30
7-00066	70122	Tl-208	0.41	0.0158	0.0243	0.937	1.00 - 2.30
7-00066	70122	Tm-171	-5.98 U	15.7	5.49	72.4	1.00 - 2.30
7-00066	70122	U-233/234	2.61	0.0387	0.221	2.02	1.00 - 2.30
7-00066	70122	U-235/236	0.177	0.0386	0.0359	0.151	1.00 - 2.30
7-00066	70122	U-238	2.47	0.0133	0.211	1.8	1.00 - 2.30
7-00067	70123	Ac-227	-0.179 UJ	0.233	0.0824	0.217	0.00 - 0.50
7-00067	70123	Ac-228	1.15	0.138	0.061	2.4	0.00 - 0.50
7-00067	70123	Am-241	0.0048 U	0.0225	0.006	0.0454	0.00 - 0.50
7-00067	70123	Bi-212	0.763 J	0.181	0.111	2.15	0.00 - 0.50
7-00067	70123	Bi-214	1.11	0.0432	0.0573	1.59	0.00 - 0.50
7-00067	70123	Cd-113m	-55.2 U	158	48.9	3030	0.00 - 0.50
7-00067	70123	Cm-243/244	0.0109	0.0203	0.0066	0.0443	0.00 - 0.50
7-00067	70123	Co-60	0.0008 U	0.0243	0.0069	0.028	0.00 - 0.50
7-00067	70123	Cs-134	0.0029 U	0.0211	0.007	0.0864	0.00 - 0.50
7-00067	70123	Cs-137	0.15 J	0.0251	0.0154	0.207	0.00 - 0.50
7-00067	70123	Eu-152	-0.0304 U	0.0609	0.0225	0.0566	0.00 - 0.50
7-00067	70123	Eu-154	-0.0473 U	0.135	0.043	0.15	0.00 - 0.50
7-00067	70123	Eu-155	0.0451 SJ	0.0749	0.0249	0.231	0.00 - 0.50
7-00067	70123	Ho-166m	0.0032 U	0.0371	0.0108	0.0432	0.00 - 0.50
7-00067	70123	K-40	17.6	0.205	1.02	32.4	0.00 - 0.50
7-00067	70123	Na-22	0.0056 U	0.0301	0.0086	0.037	0.00 - 0.50
7-00067	70123	Nb-94	0.0107 U	0.0225	0.0068	0.0214	0.00 - 0.50
7-00067	70123	Np-236	-0.0074 U	0.042	0.013	0.047	0.00 - 0.50
7-00067	70123	Np-239	0.054 U	0.161	0.0483	0.139	0.00 - 0.50
7-00067	70123	Pa-231	0.49 U	1.04	0.358	0.936	0.00 - 0.50
7-00067	70123	Pb-212	1.31	0.0406	0.0782	2.69	0.00 - 0.50
7-00067	70123	Pb-214	1.19	0.0456	0.0589	1.7	0.00 - 0.50
7-00067	70123	Pu-236	0.0008 U	0.0175	0.0034	7.79	0.00 - 0.50
7-00067	70123	Pu-238	-0.0016 U	0.0295	0.0064	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00067	70123	Pu-239/240	-0.0024 U	0.0271	0.0055	0.0404	0.00 - 0.50
7-00067	70123	Pu-244	0.0027	0.0073	0.0027	0.0313	0.00 - 0.50
7-00067	70123	Sb-125	0.0151 U	0.0603	0.0182	0.354	0.00 - 0.50
7-00067	70123	Sn-126	-0.0006 U	0.0243	0.0071	0.0237	0.00 - 0.50
7-00067	70123	Sr-90	2.11	0.143	0.222	0.485	0.00 - 0.50
7-00067	70123	Th-228	1.27	0.112	0.127	3.98	0.00 - 0.50
7-00067	70123	Th-229	0.0585	0.0539	0.0234	0.145	0.00 - 0.50
7-00067	70123	Th-230	0.978	0.0537	0.103	2.2	0.00 - 0.50
7-00067	70123	Th-232	1.06	0.0197	0.109	3.1	0.00 - 0.50
7-00067	70123	Th-234	1.61 J	0.33	0.171	3.19	0.00 - 0.50
7-00067	70123	Tl-208	0.391	0.0243	0.026	0.937	0.00 - 0.50
7-00067	70123	Tm-171	-11.6 UJ	13.9	5.52	72.4	0.00 - 0.50
7-00067	70123	U-233/234	0.945	0.0558	0.11	2.02	0.00 - 0.50
7-00067	70123	U-235/236	0.0524	0.0237	0.0218	0.151	0.00 - 0.50
7-00067	70123	U-238	1	0.0192	0.114	1.8	0.00 - 0.50
7-00068	70125	Ac-227	-0.0711 U	0.153	0.0481	0.217	0.00 - 0.50
7-00068	70125	Ac-228	1.06	0.0737	0.0514	2.4	0.00 - 0.50
7-00068	70125	Am-241	-0.005 U	0.0306	0.0064	0.0454	0.00 - 0.50
7-00068	70125	Bi-212	0.724	0.0996	0.0673	2.15	0.00 - 0.50
7-00068	70125	Bi-214	0.872	0.0231	0.0408	1.59	0.00 - 0.50
7-00068	70125	Cd-113m	-82.4 UJ	102	38.3	3030	0.00 - 0.50
7-00068	70125	Cm-243/244	-0.0004 U	0.0224	0.0047	0.0443	0.00 - 0.50
7-00068	70125	Co-60	0.0045 U	0.0147	0.0044	0.028	0.00 - 0.50
7-00068	70125	Cs-134	-0.0009 U	0.0116	0.0041	0.0864	0.00 - 0.50
7-00068	70125	Cs-137	0.138	0.0136	0.011	0.207	0.00 - 0.50
7-00068	70125	Eu-152	-0.0118 UJ	0.0369	0.0117	0.0566	0.00 - 0.50
7-00068	70125	Eu-154	-0.0445 U	0.077	0.0257	0.15	0.00 - 0.50
7-00068	70125	Eu-155	0.0419 JS	0.0548	0.0191	0.231	0.00 - 0.50
7-00068	70125	Ho-166m	-0.0063 U	0.0205	0.0065	0.0432	0.00 - 0.50
7-00068	70125	K-40	18.9	0.0996	1.06	32.4	0.00 - 0.50
7-00068	70125	Na-22	-0.0005 U	0.0159	0.0052	0.037	0.00 - 0.50
7-00068	70125	Nb-94	0.0044 U	0.0121	0.0037	0.0214	0.00 - 0.50
7-00068	70125	Np-236	-0.0051 U	0.0289	0.0089	0.047	0.00 - 0.50
7-00068	70125	Np-239	0.0357 U	0.105	0.0335	0.139	0.00 - 0.50
7-00068	70125	Pa-231	0.385 J	0.645	0.206	0.936	0.00 - 0.50
7-00068	70125	Pb-212	1.21	0.0262	0.0714	2.69	0.00 - 0.50
7-00068	70125	Pb-214	0.949	0.0261	0.044	1.7	0.00 - 0.50
7-00068	70125	Pu-236	0.0025	0.0067	0.0025	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00068	70125	Pu-238	-0.0017 U	0.0152	0.0029	0.0415	0.00 - 0.50
7-00068	70125	Pu-239/240	0.0095	0.0065	0.0048	0.0404	0.00 - 0.50
7-00068	70125	Pu-244	0.0071	0.0065	0.0041	0.0313	0.00 - 0.50
7-00068	70125	Sb-125	0.0191 JS	0.0358	0.0113	0.354	0.00 - 0.50
7-00068	70125	Sn-126	0.0011 U	0.0134	0.004	0.0237	0.00 - 0.50
7-00068	70125	Sr-90	0.122 U	0.231	0.0723	0.485	0.00 - 0.50
7-00068	70125	Th-228	1.09	0.0848	0.115	3.98	0.00 - 0.50
7-00068	70125	Th-229	0.0301	0.0204	0.0152	0.145	0.00 - 0.50
7-00068	70125	Th-230	0.998	0.0553	0.105	2.2	0.00 - 0.50
7-00068	70125	Th-232	1.15	0.0551	0.116	3.1	0.00 - 0.50
7-00068	70125	Th-234	1.27 J	0.226	0.133	3.19	0.00 - 0.50
7-00068	70125	Tl-208	0.362	0.0127	0.0208	0.937	0.00 - 0.50
7-00068	70125	Tm-171	-3.64 U	9.75	3.38	72.4	0.00 - 0.50
7-00068	70125	U-233/234	1.25	0.0363	0.111	2.02	0.00 - 0.50
7-00068	70125	U-235/236	0.0861	0.0285	0.0211	0.151	0.00 - 0.50
7-00068	70125	U-238	1.28	0.0098	0.113	1.8	0.00 - 0.50
7-00068	70126	Ac-227	-0.0043 U	0.195	0.0598	0.217	1.00 - 2.00
7-00068	70126	Ac-228	1.56	0.0909	0.0727	2.4	1.00 - 2.00
7-00068	70126	Am-241	0.0064	0.0057	0.0037	0.0454	1.00 - 2.00
7-00068	70126	Bi-212	1.02	0.119	0.0795	2.15	1.00 - 2.00
7-00068	70126	Bi-214	1.14	0.0304	0.0528	1.59	1.00 - 2.00
7-00068	70126	Cd-113m	19.1 U	129	39.5	3030	1.00 - 2.00
7-00068	70126	Cm-243/244	0.0043	0.0058	0.003	0.0443	1.00 - 2.00
7-00068	70126	Co-60	-0.0027 U	0.0175	0.0053	0.028	1.00 - 2.00
7-00068	70126	Cs-134	0.0024 U	0.0148	0.005	0.0864	1.00 - 2.00
7-00068	70126	Cs-137	0.0782	0.0166	0.0087	0.207	1.00 - 2.00
7-00068	70126	Eu-152	-0.0054 U	0.0477	0.0139	0.0566	1.00 - 2.00
7-00068	70126	Eu-154	-0.09 UJ	0.0958	0.0368	0.15	1.00 - 2.00
7-00068	70126	Eu-155	0.142 SJ	0.0648	0.0332	0.231	1.00 - 2.00
7-00068	70126	Ho-166m	0.0046 U	0.0271	0.0082	0.0432	1.00 - 2.00
7-00068	70126	K-40	21.9	0.132	1.25	32.4	1.00 - 2.00
7-00068	70126	Na-22	-0.0012 U	0.0204	0.0071	0.037	1.00 - 2.00
7-00068	70126	Nb-94	0.011 SJ	0.0161	0.0054	0.0214	1.00 - 2.00
7-00068	70126	Np-236	0.009 U	0.0362	0.0119	0.047	1.00 - 2.00
7-00068	70126	Np-239	0.0052 U	0.129	0.0393	0.139	1.00 - 2.00
7-00068	70126	Pa-231	-0.118 U	0.794	0.248	0.936	1.00 - 2.00
7-00068	70126	Pb-212	1.66	0.0329	0.0991	2.69	1.00 - 2.00
7-00068	70126	Pb-214	1.25	0.0336	0.0586	1.7	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00068	70126	Pu-236	0.0013 U	0.0178	0.0039	7.79	1.00 - 2.00
7-00068	70126	Pu-238	0.0012 U	0.0175	0.0039	0.0415	1.00 - 2.00
7-00068	70126	Pu-239/240	0.0012 U	0.0175	0.0039	0.0404	1.00 - 2.00
7-00068	70126	Pu-244	0.0022	0.006	0.0022	0.0313	1.00 - 2.00
7-00068	70126	Sb-125	-0.0016 U	0.0448	0.0132	0.354	1.00 - 2.00
7-00068	70126	Sn-126	0.0001 U	0.0176	0.0053	0.0237	1.00 - 2.00
7-00068	70126	Sr-90	0.0456 U	0.145	0.0431	0.485	1.00 - 2.00
7-00068	70126	Th-228	1.48	0.091	0.124	3.98	1.00 - 2.00
7-00068	70126	Th-229	0.0102 U	0.0614	0.0162	0.145	1.00 - 2.00
7-00068	70126	Th-230	1.15	0.0138	0.1	2.2	1.00 - 2.00
7-00068	70126	Th-232	1.4	0.0374	0.116	3.1	1.00 - 2.00
7-00068	70126	Th-234	2.34	0.29	0.195	3.19	1.00 - 2.00
7-00068	70126	Tl-208	0.502	0.0157	0.0285	0.937	1.00 - 2.00
7-00068	70126	Tm-171	-4.81 U	13	4.68	72.4	1.00 - 2.00
7-00068	70126	U-233/234	1.29	0.035	0.12	2.02	1.00 - 2.00
7-00068	70126	U-235/236	0.0564	0.035	0.0191	0.151	1.00 - 2.00
7-00068	70126	U-238	1.18	0.0445	0.112	1.8	1.00 - 2.00
7-00069	70127	Ac-227	0.0622 U	0.159	0.0501	0.217	0.00 - 0.50
7-00069	70127	Ac-228	1.13	0.091	0.0536	2.4	0.00 - 0.50
7-00069	70127	Am-241	-0.0009 U	0.0322	0.0073	0.0454	0.00 - 0.50
7-00069	70127	Bi-212	0.843	0.121	0.0773	2.15	0.00 - 0.50
7-00069	70127	Bi-214	0.977	0.0259	0.0469	1.59	0.00 - 0.50
7-00069	70127	Cd-113m	29.9 U	102	31.7	3030	0.00 - 0.50
7-00069	70127	Cm-243/244	0.0007 U	0.0361	0.0088	0.0443	0.00 - 0.50
7-00069	70127	Co-60	0.0076 U	0.0178	0.0053	0.028	0.00 - 0.50
7-00069	70127	Cs-134	0.0049 U	0.0132	0.0046	0.0864	0.00 - 0.50
7-00069	70127	Cs-137	0.0451	0.0171	0.0078	0.207	0.00 - 0.50
7-00069	70127	Eu-152	0.0222 J	0.0393	0.0136	0.0566	0.00 - 0.50
7-00069	70127	Eu-154	-0.0268 U	0.095	0.0295	0.15	0.00 - 0.50
7-00069	70127	Eu-155	0.0773 JS	0.0459	0.0234	0.231	0.00 - 0.50
7-00069	70127	Ho-166m	0.0044 U	0.0251	0.0073	0.0432	0.00 - 0.50
7-00069	70127	K-40	19.7	0.117	1.06	32.4	0.00 - 0.50
7-00069	70127	Na-22	-0.0126 U	0.0191	0.0065	0.037	0.00 - 0.50
7-00069	70127	Nb-94	0.0037 U	0.0145	0.0042	0.0214	0.00 - 0.50
7-00069	70127	Np-236	-0.0061 U	0.026	0.0077	0.047	0.00 - 0.50
7-00069	70127	Np-239	-0.0662 U	0.0996	0.0347	0.139	0.00 - 0.50
7-00069	70127	Pa-231	0.0538 U	0.645	0.199	0.936	0.00 - 0.50
7-00069	70127	Pb-212	1.23	0.0257	0.0676	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00069	70127	Pb-214	1.02	0.0275	0.0464	1.7	0.00 - 0.50
7-00069	70127	Pu-236	-0.0004 U	0.0226	0.0047	7.79	0.00 - 0.50
7-00069	70127	Pu-238	-0.0018 U	0.0155	0.003	0.0415	0.00 - 0.50
7-00069	70127	Pu-239/240	0.0031 U	0.0155	0.0039	0.0404	0.00 - 0.50
7-00069	70127	Pu-244	-0.0028 U	0.022	0.0039	0.0313	0.00 - 0.50
7-00069	70127	Sb-125	-0.0131 U	0.0375	0.0116	0.354	0.00 - 0.50
7-00069	70127	Sn-126	0.0071 U	0.0161	0.0048	0.0237	0.00 - 0.50
7-00069	70127	Sr-90	0.0974 U	0.258	0.0769	0.485	0.00 - 0.50
7-00069	70127	Th-228	1.35	0.0715	0.131	3.98	0.00 - 0.50
7-00069	70127	Th-229	-0.0074 U	0.0683	0.0127	0.145	0.00 - 0.50
7-00069	70127	Th-230	0.888	0.054	0.0968	2.2	0.00 - 0.50
7-00069	70127	Th-232	1.29	0.0539	0.124	3.1	0.00 - 0.50
7-00069	70127	Th-234	1.57	0.196	0.12	3.19	0.00 - 0.50
7-00069	70127	Tl-208	0.4	0.0147	0.0234	0.937	0.00 - 0.50
7-00069	70127	Tm-171	-0.0235 U	5.68	1.93	72.4	0.00 - 0.50
7-00069	70127	U-233/234	0.85	0.011	0.0844	2.02	0.00 - 0.50
7-00069	70127	U-235/236	0.0353	0.0136	0.0136	0.151	0.00 - 0.50
7-00069	70127	U-238	0.906	0.026	0.0886	1.8	0.00 - 0.50
7-00069	70128	Ac-227	0.0353 U	0.201	0.0613	0.217	1.00 - 3.60
7-00069	70128	Ac-228	1.4	0.0931	0.0671	2.4	1.00 - 3.60
7-00069	70128	Am-241	0.0044	0.0122	0.0036	0.0454	1.00 - 3.60
7-00069	70128	Bi-212	0.885	0.135	0.0847	2.15	1.00 - 3.60
7-00069	70128	Bi-214	1	0.0302	0.0479	1.59	1.00 - 3.60
7-00069	70128	Cd-113m	-58.2 U	132	46.2	3030	1.00 - 3.60
7-00069	70128	Cm-243/244	0.0025 U	0.0122	0.003	0.0443	1.00 - 3.60
7-00069	70128	Co-60	0.0052 U	0.0171	0.005	0.028	1.00 - 3.60
7-00069	70128	Cs-134	0.0027 U	0.0148	0.005	0.0864	1.00 - 3.60
7-00069	70128	Cs-137	-0.0049 U	0.0175	0.0054	0.207	1.00 - 3.60
7-00069	70128	Eu-152	0.002 U	0.0487	0.0184	0.0566	1.00 - 3.60
7-00069	70128	Eu-154	-0.0495 U	0.0961	0.0322	0.15	1.00 - 3.60
7-00069	70128	Eu-155	0.0858 SJ	0.0743	0.0302	0.231	1.00 - 3.60
7-00069	70128	Ho-166m	0.0063 U	0.0278	0.0083	0.0432	1.00 - 3.60
7-00069	70128	K-40	21.9	0.133	1.27	32.4	1.00 - 3.60
7-00069	70128	Na-22	-0.0087 U	0.0197	0.0063	0.037	1.00 - 3.60
7-00069	70128	Nb-94	0.0044 U	0.0154	0.0046	0.0214	1.00 - 3.60
7-00069	70128	Np-236	-0.0078 U	0.0396	0.012	0.047	1.00 - 3.60
7-00069	70128	Np-239	-0.0018 U	0.134	0.0407	0.139	1.00 - 3.60
7-00069	70128	Pa-231	0.0175 U	0.846	0.258	0.936	1.00 - 3.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00069	70128	Pb-212	1.5	0.0335	0.091	2.69	1.00 - 3.60
7-00069	70128	Pb-214	1.16	0.0349	0.0562	1.7	1.00 - 3.60
7-00069	70128	Pu-236	-0.0015 U	0.0134	0.0026	7.79	1.00 - 3.60
7-00069	70128	Pu-238	-0.0009 U	0.0163	0.003	0.0415	1.00 - 3.60
7-00069	70128	Pu-239/240	0.0041	0.0056	0.0029	0.0404	1.00 - 3.60
7-00069	70128	Pu-244	0.0062 J	0.0056	0.0036	0.0313	1.00 - 3.60
7-00069	70128	Sb-125	-0.0198 U	0.0446	0.014	0.354	1.00 - 3.60
7-00069	70128	Sn-126	0.0113 J	0.0174	0.0057	0.0237	1.00 - 3.60
7-00069	70128	Sr-90	-0.0418 U	0.132	0.0303	0.485	1.00 - 3.60
7-00069	70128	Th-228	1.3	0.0767	0.114	3.98	1.00 - 3.60
7-00069	70128	Th-229	0.0106 U	0.0493	0.013	0.145	1.00 - 3.60
7-00069	70128	Th-230	1.1	0.039	0.0993	2.2	1.00 - 3.60
7-00069	70128	Th-232	1.48	0.0569	0.123	3.1	1.00 - 3.60
7-00069	70128	Th-234	1.63 J	0.313	0.176	3.19	1.00 - 3.60
7-00069	70128	Tl-208	0.467	0.016	0.0259	0.937	1.00 - 3.60
7-00069	70128	Tm-171	-10.3 U	14.2	5.41	72.4	1.00 - 3.60
7-00069	70128	U-233/234	1.06	0.0512	0.108	2.02	1.00 - 3.60
7-00069	70128	U-235/236	0.0315	0.0171	0.0143	0.151	1.00 - 3.60
7-00069	70128	U-238	1.14	0.0138	0.113	1.8	1.00 - 3.60
7-00070	70129	Ac-227	0.0414 U	0.261	0.0804	0.217	0.00 - 0.50
7-00070	70129	Ac-228	0.896	0.0869	0.0485	2.4	0.00 - 0.50
7-00070	70129	Am-241	0.0072 UJ	0.0221	0.0063	0.0454	0.00 - 0.50
7-00070	70129	Bi-212	0.634 J	0.124	0.0726	2.15	0.00 - 0.50
7-00070	70129	Bi-214	0.763	0.036	0.0382	1.59	0.00 - 0.50
7-00070	70129	C-14	-0.154 U	0.731	0.216	2.96	0.00 - 0.50
7-00070	70129	Cd-113m	62 U	177	55.8	3030	0.00 - 0.50
7-00070	70129	Cm-243/244	-0.0041 UJ	0.0222	0.004	0.0443	0.00 - 0.50
7-00070	70129	Co-60	-0.0032 U	0.0167	0.005	0.028	0.00 - 0.50
7-00070	70129	Cs-134	0.0088 U	0.0181	0.0064	0.0864	0.00 - 0.50
7-00070	70129	Cs-137	6.17 J	0.02	0.324	0.207	0.00 - 0.50
7-00070	70129	Eu-152	0.0224 U	0.0677	0.0245	0.0566	0.00 - 0.50
7-00070	70129	Eu-154	0.0299 U	0.0954	0.0281	0.15	0.00 - 0.50
7-00070	70129	Eu-155	0.0011 U	0.0835	0.025	0.231	0.00 - 0.50
7-00070	70129	H-3	4.05	8.51	2.59	11.9	0.00 - 0.50
7-00070	70129	Ho-166m	0.018 JS	0.0256	0.0085	0.0432	0.00 - 0.50
7-00070	70129	K-40	22.3	0.124	1.36	32.4	0.00 - 0.50
7-00070	70129	Na-22	0.0095 U	0.0201	0.0061	0.037	0.00 - 0.50
7-00070	70129	Nb-94	-0.0005 U	0.0134	0.004	0.0214	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00070	70129	Ni-59	-0.971 U	5.33	1.45	5.96	0.00 - 0.50
7-00070	70129	Ni-63	0.104 U	1.58	0.471	4.92	0.00 - 0.50
7-00070	70129	Np-236	0.0027 U	0.0457	0.0137	0.047	0.00 - 0.50
7-00070	70129	Np-239	0.0375 U	0.172	0.0532	0.139	0.00 - 0.50
7-00070	70129	Pa-231	-0.339 U	1.1	0.363	0.936	0.00 - 0.50
7-00070	70129	Pb-212	0.984	0.0452	0.0621	2.69	0.00 - 0.50
7-00070	70129	Pb-214	0.888	0.0491	0.046	1.7	0.00 - 0.50
7-00070	70129	Pu-236	0.0065 UJ	0.0321	0.0084	7.79	0.00 - 0.50
7-00070	70129	Pu-238	-0.0022 UJ	0.0526	0.0129	0.0415	0.00 - 0.50
7-00070	70129	Pu-239/240	0.0273	0.0093	0.0098	0.0404	0.00 - 0.50
7-00070	70129	Pu-244	0	0.0093	0.0034	0.0313	0.00 - 0.50
7-00070	70129	Sb-125	0.0396 JS	0.0728	0.0232	0.354	0.00 - 0.50
7-00070	70129	Sn-126	0.0049 U	0.0161	0.0049	0.0237	0.00 - 0.50
7-00070	70129	Sr-90	0.647	0.291	0.129	0.485	0.00 - 0.50
7-00070	70129	Tc-99	-0.159 U	1.12	0.333	1.63	0.00 - 0.50
7-00070	70129	Th-228	0.772	0.199	0.116	3.98	0.00 - 0.50
7-00070	70129	Th-229	0.0312	0.0765	0.0233	0.145	0.00 - 0.50
7-00070	70129	Th-230	0.632	0.0963	0.0928	2.2	0.00 - 0.50
7-00070	70129	Th-232	0.61	0.028	0.0884	3.1	0.00 - 0.50
7-00070	70129	Th-234	1.22 J	0.342	0.155	3.19	0.00 - 0.50
7-00070	70129	Tl-208	0.301	0.0199	0.0194	0.937	0.00 - 0.50
7-00070	70129	Tm-171	-1.54 U	16.6	5.59	72.4	0.00 - 0.50
7-00070	70129	U-233/234	0.74	0.0215	0.0955	2.02	0.00 - 0.50
7-00070	70129	U-235/236	0.0223	0.0624	0.0185	0.151	0.00 - 0.50
7-00070	70129	U-238	1.02	0.0625	0.12	1.8	0.00 - 0.50
7-00070	70130	Ac-227	-0.0695 U	0.154	0.0482	0.217	1.00 - 4.50
7-00070	70130	Ac-228	0.969	0.077	0.0473	2.4	1.00 - 4.50
7-00070	70130	Am-241	0.0075 U	0.0239	0.0068	0.0454	1.00 - 4.50
7-00070	70130	Bi-212	0.742	0.106	0.0605	2.15	1.00 - 4.50
7-00070	70130	Bi-214	0.832	0.0228	0.0391	1.59	1.00 - 4.50
7-00070	70130	C-14	0.0196 U	0.747	0.223	2.96	1.00 - 4.50
7-00070	70130	Cd-113m	19.9 U	102	29.9	3030	1.00 - 4.50
7-00070	70130	Cm-243/244	-0.0043 U	0.0289	0.0057	0.0443	1.00 - 4.50
7-00070	70130	Co-60	-0.0021 U	0.0143	0.0043	0.028	1.00 - 4.50
7-00070	70130	Cs-134	0.0011 U	0.0112	0.0038	0.0864	1.00 - 4.50
7-00070	70130	Cs-137	-0.0111 UJ	0.0132	0.005	0.207	1.00 - 4.50
7-00070	70130	Eu-152	-0.0144 U	0.0375	0.0121	0.0566	1.00 - 4.50
7-00070	70130	Eu-154	-0.0017 U	0.0841	0.0247	0.15	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00070	70130	Eu-155	0.0607 JS	0.0569	0.0221	0.231	1.00 - 4.50
7-00070	70130	H-3	1.62 U	9.28	2.77	11.9	1.00 - 4.50
7-00070	70130	Ho-166m	-0.01 U	0.0206	0.0069	0.0432	1.00 - 4.50
7-00070	70130	K-40	20.8	0.0982	1.16	32.4	1.00 - 4.50
7-00070	70130	Na-22	-0.006 U	0.0168	0.0053	0.037	1.00 - 4.50
7-00070	70130	Nb-94	0.0124 JS	0.0127	0.0047	0.0214	1.00 - 4.50
7-00070	70130	Ni-59	-0.932 U	4.65	1.26	5.96	1.00 - 4.50
7-00070	70130	Ni-63	-0.191 U	1.7	0.502	4.92	1.00 - 4.50
7-00070	70130	Np-236	-0.0032 U	0.0298	0.0091	0.047	1.00 - 4.50
7-00070	70130	Np-239	-0.0563 U	0.102	0.035	0.139	1.00 - 4.50
7-00070	70130	Pa-231	-0.0256 U	0.641	0.194	0.936	1.00 - 4.50
7-00070	70130	Pb-212	1.17	0.0265	0.069	2.69	1.00 - 4.50
7-00070	70130	Pb-214	0.907	0.0271	0.0431	1.7	1.00 - 4.50
7-00070	70130	Pu-236	0.0113	0.0267	0.0081	7.79	1.00 - 4.50
7-00070	70130	Pu-238	0.0019 U	0.0332	0.0081	0.0415	1.00 - 4.50
7-00070	70130	Pu-239/240	0.0008 U	0.0181	0.0035	0.0404	1.00 - 4.50
7-00070	70130	Pu-244	0.0044 U	0.0224	0.0057	0.0313	1.00 - 4.50
7-00070	70130	Sb-125	0.0025 U	0.0361	0.0107	0.354	1.00 - 4.50
7-00070	70130	Sn-126	-0.0036 U	0.0134	0.0042	0.0237	1.00 - 4.50
7-00070	70130	Sr-90	0.782	0.246	0.127	0.485	1.00 - 4.50
7-00070	70130	Tc-99	-0.288 U	1.13	0.328	1.63	1.00 - 4.50
7-00070	70130	Th-228	0.918	0.104	0.0997	3.98	1.00 - 4.50
7-00070	70130	Th-229	-0.033 U	0.0991	0.0198	0.145	1.00 - 4.50
7-00070	70130	Th-230	0.645	0.0485	0.0759	2.2	1.00 - 4.50
7-00070	70130	Th-232	1.05	0.0483	0.104	3.1	1.00 - 4.50
7-00070	70130	Th-234	1.24 J	0.231	0.131	3.19	1.00 - 4.50
7-00070	70130	Tl-208	0.342	0.0132	0.0196	0.937	1.00 - 4.50
7-00070	70130	Tm-171	-0.0327 U	10.1	3.35	72.4	1.00 - 4.50
7-00070	70130	U-233/234	0.804	0.0457	0.0871	2.02	1.00 - 4.50
7-00070	70130	U-235/236	0.0267	0.0398	0.0148	0.151	1.00 - 4.50
7-00070	70130	U-238	0.959	0.0137	0.0987	1.8	1.00 - 4.50
7-00071	70131	Ac-227	-0.118 UJ	0.158	0.0571	0.217	0.00 - 0.50
7-00071	70131	Ac-228	0.917	0.0903	0.0472	2.4	0.00 - 0.50
7-00071	70131	Am-241	-0.0046 U	0.0315	0.0062	0.0454	0.00 - 0.50
7-00071	70131	Bi-212	0.656 J	0.138	0.0783	2.15	0.00 - 0.50
7-00071	70131	Bi-214	0.846	0.0301	0.0418	1.59	0.00 - 0.50
7-00071	70131	C-14	0.212 U	0.743	0.224	2.96	0.00 - 0.50
7-00071	70131	Cd-113m	-5.52 U	110	33.8	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00071	70131	Cm-243/244	-0.0017 U	0.0316	0.0069	0.0443	0.00 - 0.50
7-00071	70131	Co-60	-0.0029 U	0.0177	0.0052	0.028	0.00 - 0.50
7-00071	70131	Cs-134	0.0112 JS	0.015	0.0055	0.0864	0.00 - 0.50
7-00071	70131	Cs-137	0.43 J	0.0177	0.0267	0.207	0.00 - 0.50
7-00071	70131	Eu-152	0.0038 U	0.0415	0.0124	0.0566	0.00 - 0.50
7-00071	70131	Eu-154	-0.067 U	0.0984	0.0346	0.15	0.00 - 0.50
7-00071	70131	Eu-155	0.0486 JS	0.051	0.0185	0.231	0.00 - 0.50
7-00071	70131	H-3	4.93	7.88	2.48	11.9	0.00 - 0.50
7-00071	70131	Ho-166m	0.0015 U	0.0266	0.0077	0.0432	0.00 - 0.50
7-00071	70131	K-40	21.5	0.129	1.16	32.4	0.00 - 0.50
7-00071	70131	Na-22	-0.0073 U	0.0226	0.0069	0.037	0.00 - 0.50
7-00071	70131	Nb-94	0.0002 U	0.0146	0.0042	0.0214	0.00 - 0.50
7-00071	70131	Ni-59	0.732 U	7.59	1.95	5.96	0.00 - 0.50
7-00071	70131	Ni-63	-0.294 U	1.65	0.484	4.92	0.00 - 0.50
7-00071	70131	Np-236	-0.008 U	0.0267	0.008	0.047	0.00 - 0.50
7-00071	70131	Np-239	0.0041 U	0.107	0.0324	0.139	0.00 - 0.50
7-00071	70131	Pa-231	-0.0134 U	0.683	0.211	0.936	0.00 - 0.50
7-00071	70131	Pb-212	1.02	0.0285	0.0568	2.69	0.00 - 0.50
7-00071	70131	Pb-214	0.937	0.0288	0.0437	1.7	0.00 - 0.50
7-00071	70131	Pu-236	0.007 U	0.0329	0.0087	7.79	0.00 - 0.50
7-00071	70131	Pu-238	0.0087 U	0.0562	0.0154	0.0415	0.00 - 0.50
7-00071	70131	Pu-239/240	0.0081 U	0.0248	0.0071	0.0404	0.00 - 0.50
7-00071	70131	Pu-244	-0.0023 U	0.0201	0.0039	0.0313	0.00 - 0.50
7-00071	70131	Sb-125	-0.0026 U	0.0425	0.0126	0.354	0.00 - 0.50
7-00071	70131	Sn-126	-0.0033 U	0.017	0.005	0.0237	0.00 - 0.50
7-00071	70131	Sr-90	0.742	0.224	0.13	0.485	0.00 - 0.50
7-00071	70131	Tc-99	-0.195 U	1.56	0.458	1.63	0.00 - 0.50
7-00071	70131	Th-228	1.25	0.107	0.129	3.98	0.00 - 0.50
7-00071	70131	Th-229	0.0614	0.0208	0.022	0.145	0.00 - 0.50
7-00071	70131	Th-230	0.805	0.0712	0.0936	2.2	0.00 - 0.50
7-00071	70131	Th-232	0.909	0.0207	0.0998	3.1	0.00 - 0.50
7-00071	70131	Th-234	1.27	0.194	0.11	3.19	0.00 - 0.50
7-00071	70131	Tl-208	0.333	0.0165	0.0212	0.937	0.00 - 0.50
7-00071	70131	Tm-171	1.91 U	6	2.07	72.4	0.00 - 0.50
7-00071	70131	U-233/234	0.775	0.0511	0.0994	2.02	0.00 - 0.50
7-00071	70131	U-235/236	0.0794	0.0269	0.0287	0.151	0.00 - 0.50
7-00071	70131	U-238	0.863	0.0633	0.107	1.8	0.00 - 0.50
7-00071	70132	Ac-227	0.0746 U	0.21	0.0633	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00071	70132	Ac-228	1.04	0.121	0.0539	2.4	1.00 - 5.00
7-00071	70132	Am-241	0.0031	0.0084	0.0031	0.0454	1.00 - 5.00
7-00071	70132	Bi-212	0.782 J	0.165	0.0846	2.15	1.00 - 5.00
7-00071	70132	Bi-214	0.844	0.0343	0.0443	1.59	1.00 - 5.00
7-00071	70132	Cd-113m	-33.1 U	134	40.7	3030	1.00 - 5.00
7-00071	70132	Cm-243/244	0	0.0084	0.0031	0.0443	1.00 - 5.00
7-00071	70132	Co-60	-0.0062 U	0.0216	0.0066	0.028	1.00 - 5.00
7-00071	70132	Cs-134	-0.001 U	0.0175	0.0059	0.0864	1.00 - 5.00
7-00071	70132	Cs-137	-0.0045 U	0.0209	0.0063	0.207	1.00 - 5.00
7-00071	70132	Eu-152	0.0083 U	0.0521	0.0176	0.0566	1.00 - 5.00
7-00071	70132	Eu-154	-0.0445 U	0.122	0.0389	0.15	1.00 - 5.00
7-00071	70132	Eu-155	0.0667 SJ	0.07	0.0261	0.231	1.00 - 5.00
7-00071	70132	H-3	0.165 U	7.91	2.2	11.9	1.00 - 5.00
7-00071	70132	Ho-166m	-0.0089 U	0.0313	0.0096	0.0432	1.00 - 5.00
7-00071	70132	K-40	16.5	0.161	0.957	32.4	1.00 - 5.00
7-00071	70132	Na-22	-0.013 U	0.0251	0.0082	0.037	1.00 - 5.00
7-00071	70132	Nb-94	0.0076 U	0.0189	0.0056	0.0214	1.00 - 5.00
7-00071	70132	Ni-59	2.72 U	7.26	1.8	5.96	1.00 - 5.00
7-00071	70132	Ni-63	-0.222 U	1.58	0.465	4.92	1.00 - 5.00
7-00071	70132	Np-236	0.0114 U	0.0369	0.0115	0.047	1.00 - 5.00
7-00071	70132	Np-239	0.0053 U	0.135	0.0395	0.139	1.00 - 5.00
7-00071	70132	Pa-231	-0.208 U	0.86	0.297	0.936	1.00 - 5.00
7-00071	70132	Pb-212	1.08	0.0358	0.0646	2.69	1.00 - 5.00
7-00071	70132	Pb-214	0.865	0.0359	0.0434	1.7	1.00 - 5.00
7-00071	70132	Pu-236	-0.0011 U	0.0205	0.0037	7.79	1.00 - 5.00
7-00071	70132	Pu-238	0.0075	0.0067	0.0043	0.0415	1.00 - 5.00
7-00071	70132	Pu-239/240	0.0039 U	0.0196	0.005	0.0404	1.00 - 5.00
7-00071	70132	Pu-244	0.0025	0.0067	0.0025	0.0313	1.00 - 5.00
7-00071	70132	Sb-125	-0.0036 U	0.054	0.0163	0.354	1.00 - 5.00
7-00071	70132	Sn-126	-0.0011 U	0.02	0.0059	0.0237	1.00 - 5.00
7-00071	70132	Sr-90	0.302	0.287	0.0984	0.485	1.00 - 5.00
7-00071	70132	Tc-99	0.304 U	1.11	0.334	1.63	1.00 - 5.00
7-00071	70132	Th-228	1.11	0.107	0.119	3.98	1.00 - 5.00
7-00071	70132	Th-229	0.0192 UJ	0.0666	0.0185	0.145	1.00 - 5.00
7-00071	70132	Th-230	0.806	0.0665	0.0932	2.2	1.00 - 5.00
7-00071	70132	Th-232	0.971	0.0202	0.104	3.1	1.00 - 5.00
7-00071	70132	Th-234	1.21 J	0.277	0.13	3.19	1.00 - 5.00
7-00071	70132	Tl-208	0.332	0.0202	0.0229	0.937	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00071	70132	Tm-171	-7.77 U	12.2	4.56	72.4	1.00 - 5.00
7-00071	70132	U-233/234	0.908	0.0311	0.0851	2.02	1.00 - 5.00
7-00071	70132	U-235/236	0.0862	0.0271	0.0206	0.151	1.00 - 5.00
7-00071	70132	U-238	0.835	0.0311	0.0797	1.8	1.00 - 5.00
7-00072	70133	Ac-227	-0.0057 U	0.175	0.0531	0.217	1.00 - 5.00
7-00072	70133	Ac-228	1.25	0.0842	0.0601	2.4	1.00 - 5.00
7-00072	70133	Am-241	-0.0017 U	0.0169	0.0033	0.0454	1.00 - 5.00
7-00072	70133	Bi-212	0.953	0.114	0.0728	2.15	1.00 - 5.00
7-00072	70133	Bi-214	1.01	0.0257	0.046	1.59	1.00 - 5.00
7-00072	70133	Cd-113m	9.79 U	115	37.7	3030	1.00 - 5.00
7-00072	70133	Cm-243/244	-0.0052 U	0.0238	0.0041	0.0443	1.00 - 5.00
7-00072	70133	Co-60	-0.0026 U	0.0152	0.0046	0.028	1.00 - 5.00
7-00072	70133	Cs-134	0.0021 U	0.0131	0.0045	0.0864	1.00 - 5.00
7-00072	70133	Cs-137	-0.0086 U	0.015	0.005	0.207	1.00 - 5.00
7-00072	70133	Eu-152	-0.0398 UJ	0.0417	0.0172	0.0566	1.00 - 5.00
7-00072	70133	Eu-154	0.012 U	0.0856	0.025	0.15	1.00 - 5.00
7-00072	70133	Eu-155	0.104 JS	0.0599	0.0237	0.231	1.00 - 5.00
7-00072	70133	H-3	0.0554 U	9.87	2.91	11.9	1.00 - 5.00
7-00072	70133	Ho-166m	0.0072 U	0.0238	0.0072	0.0432	1.00 - 5.00
7-00072	70133	K-40	19.8	0.11	1.18	32.4	1.00 - 5.00
7-00072	70133	Na-22	-0.0033 U	0.0177	0.0063	0.037	1.00 - 5.00
7-00072	70133	Nb-94	0.0051 U	0.0138	0.0042	0.0214	1.00 - 5.00
7-00072	70133	Np-236	-0.0044 U	0.0325	0.01	0.047	1.00 - 5.00
7-00072	70133	Np-239	0.0359 U	0.119	0.0366	0.139	1.00 - 5.00
7-00072	70133	Pa-231	-0.224 U	0.713	0.226	0.936	1.00 - 5.00
7-00072	70133	Pb-212	1.42	0.0301	0.0871	2.69	1.00 - 5.00
7-00072	70133	Pb-214	1.13	0.0295	0.0547	1.7	1.00 - 5.00
7-00072	70133	Pu-238	0.0079 U	0.0251	0.0071	0.0415	1.00 - 5.00
7-00072	70133	Pu-239/240	0.0047 U	0.0324	0.0084	0.0404	1.00 - 5.00
7-00072	70133	Pu-244	0.0126	0.0219	0.0074	0.0313	1.00 - 5.00
7-00072	70133	Sb-125	0.0188 U	0.0406	0.0125	0.354	1.00 - 5.00
7-00072	70133	Sn-126	-0.0074 U	0.0146	0.0049	0.0237	1.00 - 5.00
7-00072	70133	Sr-90	0.226	0.221	0.0784	0.485	1.00 - 5.00
7-00072	70133	Th-228	1.18	0.112	0.117	3.98	1.00 - 5.00
7-00072	70133	Th-229	-0.0264 U	0.105	0.0229	0.145	1.00 - 5.00
7-00072	70133	Th-230	0.838	0.0613	0.0898	2.2	1.00 - 5.00
7-00072	70133	Th-232	1.21	0.0178	0.113	3.1	1.00 - 5.00
7-00072	70133	Th-234	1.45	0.254	0.132	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00072	70133	Tl-208	0.43	0.0153	0.0242	0.937	1.00 - 5.00
7-00072	70133	Tm-171	-3.64 U	10.4	3.77	72.4	1.00 - 5.00
7-00072	70133	U-233/234	0.852	0.028	0.0815	2.02	1.00 - 5.00
7-00072	70133	U-235/236	0.0615	0.0119	0.017	0.151	1.00 - 5.00
7-00072	70133	U-238	0.907	0.0226	0.0855	1.8	1.00 - 5.00
7-00073	70134	Ac-227	-0.164 UJ	0.176	0.0656	0.217	0.00 - 0.50
7-00073	70134	Ac-228	1.17	0.085	0.0562	2.4	0.00 - 0.50
7-00073	70134	Am-241	0.0087	0.0107	0.0041	0.0454	0.00 - 0.50
7-00073	70134	Bi-212	0.888	0.119	0.0708	2.15	0.00 - 0.50
7-00073	70134	Bi-214	0.876	0.0301	0.0422	1.59	0.00 - 0.50
7-00073	70134	Cd-113m	-16.4 U	123	36.1	3030	0.00 - 0.50
7-00073	70134	Cm-243/244	0.0029 U	0.0107	0.0029	0.0443	0.00 - 0.50
7-00073	70134	Co-60	-0.008 U	0.015	0.005	0.028	0.00 - 0.50
7-00073	70134	Cs-134	-0.0021 U	0.0148	0.0052	0.0864	0.00 - 0.50
7-00073	70134	Cs-137	0.974 J	0.0151	0.0526	0.207	0.00 - 0.50
7-00073	70134	Eu-152	-0.0145 U	0.0447	0.0142	0.0566	0.00 - 0.50
7-00073	70134	Eu-154	-0.0574 U	0.087	0.0299	0.15	0.00 - 0.50
7-00073	70134	Eu-155	0.0648 JS	0.0613	0.0236	0.231	0.00 - 0.50
7-00073	70134	Ho-166m	0.0052 U	0.024	0.0073	0.0432	0.00 - 0.50
7-00073	70134	K-40	21.6	0.103	1.21	32.4	0.00 - 0.50
7-00073	70134	Na-22	0.0048 U	0.0188	0.0056	0.037	0.00 - 0.50
7-00073	70134	Nb-94	0.0056 U	0.0136	0.0042	0.0214	0.00 - 0.50
7-00073	70134	Np-236	-0.0024 U	0.0336	0.0102	0.047	0.00 - 0.50
7-00073	70134	Np-239	0.0067 U	0.123	0.0382	0.139	0.00 - 0.50
7-00073	70134	Pa-231	-0.252 U	0.734	0.225	0.936	0.00 - 0.50
7-00073	70134	Pb-212	1.34	0.031	0.0792	2.69	0.00 - 0.50
7-00073	70134	Pb-214	0.989	0.0321	0.0477	1.7	0.00 - 0.50
7-00073	70134	Pu-236	-0.0014 U	0.0253	0.0046	7.79	0.00 - 0.50
7-00073	70134	Pu-238	-0.0072 U	0.0361	0.007	0.0415	0.00 - 0.50
7-00073	70134	Pu-239/240	0.004 U	0.0197	0.0049	0.0404	0.00 - 0.50
7-00073	70134	Pu-244	-0.0022 U	0.0197	0.0038	0.0313	0.00 - 0.50
7-00073	70134	Sb-125	0.0092 U	0.0445	0.0133	0.354	0.00 - 0.50
7-00073	70134	Sn-126	-0.0062 U	0.0146	0.0048	0.0237	0.00 - 0.50
7-00073	70134	Sr-90	0.324	0.269	0.0978	0.485	0.00 - 0.50
7-00073	70134	Th-228	1.15	0.0679	0.109	3.98	0.00 - 0.50
7-00073	70134	Th-229	0.006 U	0.0554	0.0133	0.145	0.00 - 0.50
7-00073	70134	Th-230	0.774	0.0438	0.0816	2.2	0.00 - 0.50
7-00073	70134	Th-232	0.961	0.0437	0.094	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00073	70134	Th-234	1.31 J	0.262	0.146	3.19	0.00 - 0.50
7-00073	70134	Tl-208	0.397	0.0151	0.0233	0.937	0.00 - 0.50
7-00073	70134	Tm-171	-3.21 U	11.6	3.94	72.4	0.00 - 0.50
7-00073	70134	U-233/234	1.02	0.0907	0.134	2.02	0.00 - 0.50
7-00073	70134	U-235/236	-0.009 UJ	0.112	0.0205	0.151	0.00 - 0.50
7-00073	70134	U-238	0.694	0.0289	0.103	1.8	0.00 - 0.50
7-00073	70135	Ac-227	0.0426 U	0.177	0.0519	0.217	1.00 - 5.00
7-00073	70135	Ac-228	1.27	0.0862	0.0608	2.4	1.00 - 5.00
7-00073	70135	Am-241	0.0018	0.0049	0.0018	0.0454	1.00 - 5.00
7-00073	70135	Bi-212	0.894	0.117	0.0709	2.15	1.00 - 5.00
7-00073	70135	Bi-214	1.05	0.0253	0.0483	1.59	1.00 - 5.00
7-00073	70135	Cd-113m	24 U	116	35	3030	1.00 - 5.00
7-00073	70135	Cm-243/244	0	0.0049	0.0018	0.0443	1.00 - 5.00
7-00073	70135	Co-60	-0.006 U	0.0158	0.005	0.028	1.00 - 5.00
7-00073	70135	Cs-134	-0.0023 U	0.0128	0.0045	0.0864	1.00 - 5.00
7-00073	70135	Cs-137	-0.0019 U	0.0164	0.005	0.207	1.00 - 5.00
7-00073	70135	Eu-152	-0.0253 U	0.0416	0.0143	0.0566	1.00 - 5.00
7-00073	70135	Eu-154	-0.0715 UJ	0.0828	0.0308	0.15	1.00 - 5.00
7-00073	70135	Eu-155	0.0489 JS	0.0638	0.0222	0.231	1.00 - 5.00
7-00073	70135	Ho-166m	0.0082 U	0.0242	0.0075	0.0432	1.00 - 5.00
7-00073	70135	K-40	22	0.103	1.23	32.4	1.00 - 5.00
7-00073	70135	Na-22	-0.0067 U	0.0185	0.0059	0.037	1.00 - 5.00
7-00073	70135	Nb-94	-0.0046 U	0.0135	0.0043	0.0214	1.00 - 5.00
7-00073	70135	Np-236	-0.0037 U	0.0333	0.0101	0.047	1.00 - 5.00
7-00073	70135	Np-239	0.0113 U	0.117	0.0364	0.139	1.00 - 5.00
7-00073	70135	Pa-231	0.0812 U	0.729	0.213	0.936	1.00 - 5.00
7-00073	70135	Pb-212	1.45	0.0297	0.085	2.69	1.00 - 5.00
7-00073	70135	Pb-214	1.21	0.0303	0.0559	1.7	1.00 - 5.00
7-00073	70135	Pu-236	0.0093	0.0063	0.0047	7.79	1.00 - 5.00
7-00073	70135	Pu-238	0.0029 U	0.0144	0.0036	0.0415	1.00 - 5.00
7-00073	70135	Pu-239/240	0.009	0.0061	0.0045	0.0404	1.00 - 5.00
7-00073	70135	Pu-244	0.0103	0.0178	0.006	0.0313	1.00 - 5.00
7-00073	70135	Sb-125	0.0158 U	0.0404	0.0123	0.354	1.00 - 5.00
7-00073	70135	Sn-126	0.0094 J	0.016	0.0052	0.0237	1.00 - 5.00
7-00073	70135	Sr-90	0.0982 U	0.243	0.0734	0.485	1.00 - 5.00
7-00073	70135	Th-228	1.19	0.0411	0.106	3.98	1.00 - 5.00
7-00073	70135	Th-229	0.0053 U	0.0642	0.016	0.145	1.00 - 5.00
7-00073	70135	Th-230	1	0.0144	0.0924	2.2	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00073	70135	Th-232	1.19	0.0391	0.104	3.1	1.00 - 5.00
7-00073	70135	Th-234	1.36 J	0.255	0.146	3.19	1.00 - 5.00
7-00073	70135	Tl-208	0.453	0.0156	0.0251	0.937	1.00 - 5.00
7-00073	70135	Tm-171	-0.668 U	11.3	3.75	72.4	1.00 - 5.00
7-00073	70135	U-233/234	0.979	0.0141	0.101	2.02	1.00 - 5.00
7-00073	70135	U-235/236	0.0385	0.0174	0.016	0.151	1.00 - 5.00
7-00073	70135	U-238	0.974	0.041	0.101	1.8	1.00 - 5.00
7-00074	70136	Ac-227	-0.0809 U	0.214	0.0674	0.217	1.00 - 5.00
7-00074	70136	Ac-228	1.29	0.102	0.0653	2.4	1.00 - 5.00
7-00074	70136	Am-241	0.001 U	0.0151	0.003	0.0454	1.00 - 5.00
7-00074	70136	Bi-212	0.953	0.151	0.0885	2.15	1.00 - 5.00
7-00074	70136	Bi-214	0.91	0.0307	0.0449	1.59	1.00 - 5.00
7-00074	70136	Cd-113m	-5.76 U	143	45.9	3030	1.00 - 5.00
7-00074	70136	Cm-243/244	0.0026	0.0069	0.0026	0.0443	1.00 - 5.00
7-00074	70136	Co-60	-0.0058 U	0.0191	0.006	0.028	1.00 - 5.00
7-00074	70136	Cs-134	-0.0033 U	0.0163	0.0057	0.0864	1.00 - 5.00
7-00074	70136	Cs-137	0.0708	0.0197	0.009	0.207	1.00 - 5.00
7-00074	70136	Eu-152	0.0128 U	0.0517	0.0179	0.0566	1.00 - 5.00
7-00074	70136	Eu-154	-0.0588 U	0.105	0.0345	0.15	1.00 - 5.00
7-00074	70136	Eu-155	0.0118 U	0.0776	0.0239	0.231	1.00 - 5.00
7-00074	70136	H-3	-1.87 U	9.28	2.7	11.9	1.00 - 5.00
7-00074	70136	Ho-166m	-0.0007 U	0.0296	0.0088	0.0432	1.00 - 5.00
7-00074	70136	K-40	21.6	0.143	1.33	32.4	1.00 - 5.00
7-00074	70136	Na-22	-0.0165 UJ	0.0225	0.008	0.037	1.00 - 5.00
7-00074	70136	Nb-94	0.0057 U	0.0169	0.0051	0.0214	1.00 - 5.00
7-00074	70136	Np-236	0.0085 U	0.0408	0.0127	0.047	1.00 - 5.00
7-00074	70136	Np-239	0.0236 U	0.144	0.0427	0.139	1.00 - 5.00
7-00074	70136	Pa-231	-0.0732 U	0.882	0.275	0.936	1.00 - 5.00
7-00074	70136	Pb-212	1.46	0.0364	0.0941	2.69	1.00 - 5.00
7-00074	70136	Pb-214	1.01	0.0366	0.0502	1.7	1.00 - 5.00
7-00074	70136	Pu-238	-0.0001 U	0.0271	0.0064	0.0415	1.00 - 5.00
7-00074	70136	Pu-239/240	0.0006 U	0.0139	0.0027	0.0404	1.00 - 5.00
7-00074	70136	Pu-244	0.0197 J	0.0059	0.0066	0.0313	1.00 - 5.00
7-00074	70136	Sb-125	-0.0232 U	0.0486	0.0162	0.354	1.00 - 5.00
7-00074	70136	Sn-126	0.0099 J	0.0185	0.0058	0.0237	1.00 - 5.00
7-00074	70136	Sr-90	0.422	0.207	0.0928	0.485	1.00 - 5.00
7-00074	70136	Th-228	1.26	0.0817	0.123	3.98	1.00 - 5.00
7-00074	70136	Th-229	0.0213 U	0.0931	0.0256	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00074	70136	Th-230	0.857	0.0522	0.093	2.2	1.00 - 5.00
7-00074	70136	Th-232	1.1	0.0656	0.11	3.1	1.00 - 5.00
7-00074	70136	Th-234	1.33 J	0.331	0.179	3.19	1.00 - 5.00
7-00074	70136	Tl-208	0.461	0.0185	0.0267	0.937	1.00 - 5.00
7-00074	70136	Tm-171	-2.77 U	17.7	6.03	72.4	1.00 - 5.00
7-00074	70136	U-233/234	0.894	0.009	0.0829	2.02	1.00 - 5.00
7-00074	70136	U-235/236	0.0287	0.0111	0.011	0.151	1.00 - 5.00
7-00074	70136	U-238	0.843	0.0211	0.0792	1.8	1.00 - 5.00
7-00075	70137	Ac-227	0.0017 U	0.175	0.0515	0.217	1.00 - 5.00
7-00075	70137	Ac-228	1.2	0.094	0.0578	2.4	1.00 - 5.00
7-00075	70137	Am-241	0.0025	0.0068	0.0025	0.0454	1.00 - 5.00
7-00075	70137	Bi-212	0.846	0.127	0.0797	2.15	1.00 - 5.00
7-00075	70137	Bi-214	0.802	0.028	0.0398	1.59	1.00 - 5.00
7-00075	70137	Cd-113m	-36.7 U	114	35.1	3030	1.00 - 5.00
7-00075	70137	Cm-243/244	0.0111	0.015	0.0059	0.0443	1.00 - 5.00
7-00075	70137	Co-60	0.0017 U	0.0177	0.0052	0.028	1.00 - 5.00
7-00075	70137	Cs-134	0.0042 U	0.0145	0.0049	0.0864	1.00 - 5.00
7-00075	70137	Cs-137	0.0409	0.0179	0.0078	0.207	1.00 - 5.00
7-00075	70137	Eu-152	-0.0199 U	0.0425	0.0138	0.0566	1.00 - 5.00
7-00075	70137	Eu-154	-0.0772 UJ	0.0958	0.0345	0.15	1.00 - 5.00
7-00075	70137	Eu-155	0.0571 JS	0.0619	0.0237	0.231	1.00 - 5.00
7-00075	70137	H-3	-2.1 U	9.89	2.88	11.9	1.00 - 5.00
7-00075	70137	Ho-166m	-0.0073 U	0.0241	0.0075	0.0432	1.00 - 5.00
7-00075	70137	K-40	20.5	0.128	1.25	32.4	1.00 - 5.00
7-00075	70137	Na-22	0.0006 U	0.0205	0.0061	0.037	1.00 - 5.00
7-00075	70137	Nb-94	0.0035 U	0.0145	0.0043	0.0214	1.00 - 5.00
7-00075	70137	Np-236	-0.0059 U	0.0327	0.01	0.047	1.00 - 5.00
7-00075	70137	Np-239	-0.0219 U	0.113	0.0336	0.139	1.00 - 5.00
7-00075	70137	Pa-231	-0.476 U	0.701	0.24	0.936	1.00 - 5.00
7-00075	70137	Pb-212	1.32	0.0303	0.079	2.69	1.00 - 5.00
7-00075	70137	Pb-214	0.846	0.0296	0.0424	1.7	1.00 - 5.00
7-00075	70137	Pu-238	-0.0057 U	0.0226	0.0042	0.0415	1.00 - 5.00
7-00075	70137	Pu-239/240	-0.0019 U	0.0175	0.0033	0.0404	1.00 - 5.00
7-00075	70137	Pu-244	0.0038	0.0051	0.0027	0.0313	1.00 - 5.00
7-00075	70137	Sb-125	0.0104 U	0.0417	0.0127	0.354	1.00 - 5.00
7-00075	70137	Sn-126	-0.0014 U	0.0157	0.0047	0.0237	1.00 - 5.00
7-00075	70137	Sr-90	0.0925	0.153	0.0491	0.485	1.00 - 5.00
7-00075	70137	Th-228	1.19	0.127	0.134	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00075	70137	Th-229	0.0181 UJ	0.0668	0.0182	0.145	1.00 - 5.00
7-00075	70137	Th-230	0.633	0.0666	0.0861	2.2	1.00 - 5.00
7-00075	70137	Th-232	1.19	0.0244	0.127	3.1	1.00 - 5.00
7-00075	70137	Th-234	1.25 J	0.262	0.137	3.19	1.00 - 5.00
7-00075	70137	Tl-208	0.408	0.0157	0.0237	0.937	1.00 - 5.00
7-00075	70137	Tm-171	-2.85 U	13.2	4.39	72.4	1.00 - 5.00
7-00075	70137	U-233/234	0.791	0.0568	0.0828	2.02	1.00 - 5.00
7-00075	70137	U-235/236	0.0284	0.0342	0.0139	0.151	1.00 - 5.00
7-00075	70137	U-238	0.871	0.0343	0.088	1.8	1.00 - 5.00
7-00076	70138	Ac-227	-0.0463 U	0.156	0.049	0.217	0.00 - 0.50
7-00076	70138	Ac-228	1	0.0838	0.0503	2.4	0.00 - 0.50
7-00076	70138	Am-241	0.0088 U	0.028	0.0079	0.0454	0.00 - 0.50
7-00076	70138	Bi-212	0.642	0.117	0.0616	2.15	0.00 - 0.50
7-00076	70138	Bi-214	0.479	0.0238	0.0258	1.59	0.00 - 0.50
7-00076	70138	Cd-113m	-9.79 U	105	34.4	3030	0.00 - 0.50
7-00076	70138	Cm-243/244	0.0137 U	0.0339	0.0102	0.0443	0.00 - 0.50
7-00076	70138	Co-60	-0.0068 U	0.0145	0.0047	0.028	0.00 - 0.50
7-00076	70138	Cs-134	0.0061 U	0.0127	0.0044	0.0864	0.00 - 0.50
7-00076	70138	Cs-137	0.0986	0.0155	0.0087	0.207	0.00 - 0.50
7-00076	70138	Eu-152	0.0043 U	0.0392	0.013	0.0566	0.00 - 0.50
7-00076	70138	Eu-154	-0.0143 U	0.0864	0.0257	0.15	0.00 - 0.50
7-00076	70138	Eu-155	-0.0005 U	0.0559	0.0164	0.231	0.00 - 0.50
7-00076	70138	Ho-166m	-0.0055 U	0.0218	0.0068	0.0432	0.00 - 0.50
7-00076	70138	K-40	22.3	0.103	1.33	32.4	0.00 - 0.50
7-00076	70138	Na-22	0.0003 U	0.0193	0.0057	0.037	0.00 - 0.50
7-00076	70138	Nb-94	0.0059 U	0.0133	0.0041	0.0214	0.00 - 0.50
7-00076	70138	Np-236	-0.0094 U	0.0299	0.0091	0.047	0.00 - 0.50
7-00076	70138	Np-239	-0.0425 U	0.109	0.0346	0.139	0.00 - 0.50
7-00076	70138	Pa-231	0.11 UJ	0.67	0.211	0.936	0.00 - 0.50
7-00076	70138	Pb-212	1.18	0.0274	0.0724	2.69	0.00 - 0.50
7-00076	70138	Pb-214	0.53	0.0276	0.029	1.7	0.00 - 0.50
7-00076	70138	Pu-236	0.0006 U	0.0143	0.0028	7.79	0.00 - 0.50
7-00076	70138	Pu-238	0.0012 U	0.017	0.0038	0.0415	0.00 - 0.50
7-00076	70138	Pu-239/240	0.0034 U	0.017	0.0043	0.0404	0.00 - 0.50
7-00076	70138	Pu-244	0.0043	0.0058	0.0031	0.0313	0.00 - 0.50
7-00076	70138	Sb-125	-0.001 U	0.0382	0.0112	0.354	0.00 - 0.50
7-00076	70138	Sn-126	0 U	0.0142	0.0043	0.0237	0.00 - 0.50
7-00076	70138	Sr-90	0.0008 U	0.278	0.0769	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00076	70138	Th-228	1.07	0.0988	0.116	3.98	0.00 - 0.50
7-00076	70138	Th-229	0.0077 U	0.0718	0.0173	0.145	0.00 - 0.50
7-00076	70138	Th-230	0.316	0.0717	0.0551	2.2	0.00 - 0.50
7-00076	70138	Th-232	0.815	0.0566	0.0938	3.1	0.00 - 0.50
7-00076	70138	Th-234	0.742 J	0.234	0.103	3.19	0.00 - 0.50
7-00076	70138	Tl-208	0.34	0.0143	0.0199	0.937	0.00 - 0.50
7-00076	70138	Tm-171	-3.65 U	9.4	3.43	72.4	0.00 - 0.50
7-00076	70138	U-233/234	0.315	0.0357	0.0446	2.02	0.00 - 0.50
7-00076	70138	U-235/236	0.0215	0.0507	0.0155	0.151	0.00 - 0.50
7-00076	70138	U-238	0.432	0.0289	0.0543	1.8	0.00 - 0.50
7-00076	70139	Ac-227	-0.0307 U	0.155	0.0488	0.217	1.00 - 3.50
7-00076	70139	Ac-228	1.22	0.0955	0.0566	2.4	1.00 - 3.50
7-00076	70139	Am-241	0.0084	0.0125	0.0046	0.0454	1.00 - 3.50
7-00076	70139	Bi-212	0.826	0.131	0.077	2.15	1.00 - 3.50
7-00076	70139	Bi-214	0.974	0.0292	0.0461	1.59	1.00 - 3.50
7-00076	70139	Cd-113m	-3.63 U	105	32.6	3030	1.00 - 3.50
7-00076	70139	Cm-243/244	0.0059	0.0053	0.0034	0.0443	1.00 - 3.50
7-00076	70139	Co-60	-0.006 U	0.0172	0.0053	0.028	1.00 - 3.50
7-00076	70139	Cs-134	0.0049 U	0.0142	0.0049	0.0864	1.00 - 3.50
7-00076	70139	Cs-137	0.106	0.0158	0.0086	0.207	1.00 - 3.50
7-00076	70139	Eu-152	-0.0099 U	0.0387	0.012	0.0566	1.00 - 3.50
7-00076	70139	Eu-154	-0.0132 U	0.0966	0.029	0.15	1.00 - 3.50
7-00076	70139	Eu-155	0.0606 JS	0.0443	0.0185	0.231	1.00 - 3.50
7-00076	70139	Ho-166m	0.0063 U	0.027	0.0079	0.0432	1.00 - 3.50
7-00076	70139	K-40	20.4	0.144	1.11	32.4	1.00 - 3.50
7-00076	70139	Na-22	-0.0125 U	0.0202	0.0068	0.037	1.00 - 3.50
7-00076	70139	Nb-94	0.0041 U	0.0151	0.0044	0.0214	1.00 - 3.50
7-00076	70139	Np-236	-0.0145 U	0.0251	0.0083	0.047	1.00 - 3.50
7-00076	70139	Np-239	-0.0106 U	0.101	0.0311	0.139	1.00 - 3.50
7-00076	70139	Pa-231	-0.119 U	0.648	0.205	0.936	1.00 - 3.50
7-00076	70139	Pb-212	1.36	0.0258	0.0757	2.69	1.00 - 3.50
7-00076	70139	Pb-214	1.07	0.0282	0.049	1.7	1.00 - 3.50
7-00076	70139	Pu-236	0.0028 U	0.0255	0.0063	7.79	1.00 - 3.50
7-00076	70139	Pu-238	-0.0064 U	0.0268	0.0047	0.0415	1.00 - 3.50
7-00076	70139	Pu-239/240	0.0025	0.0067	0.0025	0.0404	1.00 - 3.50
7-00076	70139	Pu-244	0.0007 U	0.0157	0.003	0.0313	1.00 - 3.50
7-00076	70139	Sb-125	0.0147 U	0.0399	0.0121	0.354	1.00 - 3.50
7-00076	70139	Sn-126	-0.0007 U	0.0164	0.0048	0.0237	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00076	70139	Sr-90	0.255	0.289	0.0961	0.485	1.00 - 3.50
7-00076	70139	Th-228	1.75 J	0.0667	0.167	3.98	1.00 - 3.50
7-00076	70139	Th-229	0.0172 UJ	0.0929	0.0244	0.145	1.00 - 3.50
7-00076	70139	Th-230	1.19	0.0233	0.125	2.2	1.00 - 3.50
7-00076	70139	Th-232	1.24	0.0631	0.13	3.1	1.00 - 3.50
7-00076	70139	Th-234	1.53	0.186	0.119	3.19	1.00 - 3.50
7-00076	70139	Tl-208	0.458	0.0157	0.026	0.937	1.00 - 3.50
7-00076	70139	Tm-171	1.95 U	5.68	1.86	72.4	1.00 - 3.50
7-00076	70139	U-233/234	0.937	0.0366	0.0951	2.02	1.00 - 3.50
7-00076	70139	U-235/236	0.0804	0.0156	0.0223	0.151	1.00 - 3.50
7-00076	70139	U-238	0.939	0.0296	0.0951	1.8	1.00 - 3.50
7-00077	70140	Ac-227	0.0986 U	0.218	0.0702	0.217	0.00 - 0.50
7-00077	70140	Ac-228	1.25	0.108	0.0613	2.4	0.00 - 0.50
7-00077	70140	Am-241	0.009 U	0.0361	0.01	0.0454	0.00 - 0.50
7-00077	70140	Bi-212	0.973	0.141	0.0788	2.15	0.00 - 0.50
7-00077	70140	Bi-214	0.818	0.0322	0.041	1.59	0.00 - 0.50
7-00077	70140	Cd-113m	-3.05 U	141	43.6	3030	0.00 - 0.50
7-00077	70140	Cm-243/244	-0.0049 U	0.0363	0.0079	0.0443	0.00 - 0.50
7-00077	70140	Co-60	-0.0003 U	0.0199	0.0058	0.028	0.00 - 0.50
7-00077	70140	Cs-134	-0.0041 U	0.0161	0.0056	0.0864	0.00 - 0.50
7-00077	70140	Cs-137	0.249	0.0178	0.0172	0.207	0.00 - 0.50
7-00077	70140	Eu-152	-0.0016 U	0.0514	0.0175	0.0566	0.00 - 0.50
7-00077	70140	Eu-154	0.0677 J	0.115	0.0368	0.15	0.00 - 0.50
7-00077	70140	Eu-155	0.019 U	0.0801	0.024	0.231	0.00 - 0.50
7-00077	70140	H-3	1.41 U	8.41	2.51	11.9	0.00 - 0.50
7-00077	70140	Ho-166m	0.0019 U	0.0279	0.0082	0.0432	0.00 - 0.50
7-00077	70140	K-40	22.2	0.145	1.38	32.4	0.00 - 0.50
7-00077	70140	Na-22	0.0172 J	0.0245	0.0089	0.037	0.00 - 0.50
7-00077	70140	Nb-94	-0.0052 U	0.0159	0.0049	0.0214	0.00 - 0.50
7-00077	70140	Np-236	-0.0143 U	0.0418	0.013	0.047	0.00 - 0.50
7-00077	70140	Np-239	-0.0168 U	0.144	0.0444	0.139	0.00 - 0.50
7-00077	70140	Pa-231	-0.11 UJ	0.887	0.277	0.936	0.00 - 0.50
7-00077	70140	Pb-212	1.35	0.0374	0.0898	2.69	0.00 - 0.50
7-00077	70140	Pb-214	0.925	0.0365	0.0481	1.7	0.00 - 0.50
7-00077	70140	Pu-236	0.0027	0.0072	0.0027	7.79	0.00 - 0.50
7-00077	70140	Pu-238	0.0077	0.007	0.0045	0.0415	0.00 - 0.50
7-00077	70140	Pu-239/240	0.001 U	0.0279	0.0066	0.0404	0.00 - 0.50
7-00077	70140	Pu-244	0.0051	0.0069	0.0036	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00077	70140	Sb-125	0.0206 U	0.0499	0.0154	0.354	0.00 - 0.50
7-00077	70140	Sn-126	-0.0067 U	0.0176	0.0055	0.0237	0.00 - 0.50
7-00077	70140	Sr-90	0.0576 U	0.259	0.0752	0.485	0.00 - 0.50
7-00077	70140	Th-228	1.43	0.0852	0.133	3.98	0.00 - 0.50
7-00077	70140	Th-229	-0.0066 U	0.0796	0.0175	0.145	0.00 - 0.50
7-00077	70140	Th-230	0.661	0.0487	0.0771	2.2	0.00 - 0.50
7-00077	70140	Th-232	1.26	0.0485	0.117	3.1	0.00 - 0.50
7-00077	70140	Th-234	1.42 J	0.351	0.17	3.19	0.00 - 0.50
7-00077	70140	Tl-208	0.404	0.0188	0.0235	0.937	0.00 - 0.50
7-00077	70140	Tm-171	-9.61 U	20.4	7.2	72.4	0.00 - 0.50
7-00077	70140	U-233/234	0.852	0.0135	0.0899	2.02	0.00 - 0.50
7-00077	70140	U-235/236	0.028	0.0485	0.0164	0.151	0.00 - 0.50
7-00077	70140	U-238	0.811	0.0617	0.0879	1.8	0.00 - 0.50
7-00077	70141	Ac-227	-0.0659 U	0.194	0.0601	0.217	1.00 - 5.00
7-00077	70141	Ac-228	1.11	0.111	0.0569	2.4	1.00 - 5.00
7-00077	70141	Am-241	0.0021 U	0.0194	0.0044	0.0454	1.00 - 5.00
7-00077	70141	Bi-212	0.93	0.14	0.0793	2.15	1.00 - 5.00
7-00077	70141	Bi-214	0.785	0.0315	0.0394	1.59	1.00 - 5.00
7-00077	70141	Cd-113m	-86.7 U	126	44.8	3030	1.00 - 5.00
7-00077	70141	Cm-243/244	0.0027	0.0073	0.0027	0.0443	1.00 - 5.00
7-00077	70141	Co-60	0.0009 U	0.0198	0.0058	0.028	1.00 - 5.00
7-00077	70141	Cs-134	-0.0068 U	0.0156	0.0057	0.0864	1.00 - 5.00
7-00077	70141	Cs-137	0.0898	0.0185	0.009	0.207	1.00 - 5.00
7-00077	70141	Eu-152	-0.0039 U	0.0486	0.0158	0.0566	1.00 - 5.00
7-00077	70141	Eu-154	-0.0528 U	0.104	0.0336	0.15	1.00 - 5.00
7-00077	70141	Eu-155	0.0553 JS	0.0715	0.025	0.231	1.00 - 5.00
7-00077	70141	H-3	-1.87 U	9.38	2.73	11.9	1.00 - 5.00
7-00077	70141	Ho-166m	-0.0074 U	0.0263	0.0081	0.0432	1.00 - 5.00
7-00077	70141	K-40	21.1	0.145	1.27	32.4	1.00 - 5.00
7-00077	70141	Na-22	0.0019 U	0.0236	0.0069	0.037	1.00 - 5.00
7-00077	70141	Nb-94	0.013 JS	0.0169	0.0057	0.0214	1.00 - 5.00
7-00077	70141	Np-236	-0.0045 U	0.0371	0.0114	0.047	1.00 - 5.00
7-00077	70141	Np-239	-0.0439 U	0.128	0.0394	0.139	1.00 - 5.00
7-00077	70141	Pa-231	-0.181 U	0.8	0.243	0.936	1.00 - 5.00
7-00077	70141	Pb-212	1.27	0.0345	0.0858	2.69	1.00 - 5.00
7-00077	70141	Pb-214	0.909	0.0341	0.0495	1.7	1.00 - 5.00
7-00077	70141	Pu-238	0.0008 U	0.0178	0.0034	0.0415	1.00 - 5.00
7-00077	70141	Pu-239/240	-0.008 U	0.0279	0.0049	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00077	70141	Pu-244	0.0008 U	0.0177	0.0034	0.0313	1.00 - 5.00
7-00077	70141	Sb-125	0.0241 JS	0.0453	0.0145	0.354	1.00 - 5.00
7-00077	70141	Sn-126	-0.0049 U	0.0177	0.0054	0.0237	1.00 - 5.00
7-00077	70141	Sr-90	0.268	0.241	0.0868	0.485	1.00 - 5.00
7-00077	70141	Th-228	1.33	0.0891	0.128	3.98	1.00 - 5.00
7-00077	70141	Th-229	0.0694	0.0747	0.0281	0.145	1.00 - 5.00
7-00077	70141	Th-230	0.741	0.0188	0.0837	2.2	1.00 - 5.00
7-00077	70141	Th-232	1.1	0.0508	0.109	3.1	1.00 - 5.00
7-00077	70141	Th-234	1.36 J	0.304	0.159	3.19	1.00 - 5.00
7-00077	70141	Tl-208	0.411	0.0179	0.0246	0.937	1.00 - 5.00
7-00077	70141	Tm-171	10.4 J	15.8	5.71	72.4	1.00 - 5.00
7-00077	70141	U-233/234	0.862	0.0541	0.0915	2.02	1.00 - 5.00
7-00077	70141	U-235/236	0.0358	0.0555	0.0191	0.151	1.00 - 5.00
7-00077	70141	U-238	0.706	0.0316	0.0786	1.8	1.00 - 5.00
7-00078	70142	Ac-227	-0.0232 U	0.205	0.0636	0.217	0.00 - 0.50
7-00078	70142	Ac-228	1.46	0.127	0.0709	2.4	0.00 - 0.50
7-00078	70142	Am-241	-0.0014 U	0.0246	0.0053	0.0454	0.00 - 0.50
7-00078	70142	Bi-212	1.1	0.174	0.0961	2.15	0.00 - 0.50
7-00078	70142	Bi-214	1.07	0.0355	0.0537	1.59	0.00 - 0.50
7-00078	70142	Cd-113m	23 U	136	41.9	3030	0.00 - 0.50
7-00078	70142	Cm-243/244	0.0097	0.0144	0.0054	0.0443	0.00 - 0.50
7-00078	70142	Co-60	-0.0023 U	0.0239	0.0069	0.028	0.00 - 0.50
7-00078	70142	Cs-134	0.0071 U	0.0201	0.0069	0.0864	0.00 - 0.50
7-00078	70142	Cs-137	0.128 J	0.025	0.0129	0.207	0.00 - 0.50
7-00078	70142	Eu-152	0.0199 U	0.0535	0.0179	0.0566	0.00 - 0.50
7-00078	70142	Eu-154	-0.0782 U	0.133	0.0449	0.15	0.00 - 0.50
7-00078	70142	Eu-155	0.14 JS	0.0586	0.0298	0.231	0.00 - 0.50
7-00078	70142	H-3	-1.3 U	8.3	2.12	11.9	0.00 - 0.50
7-00078	70142	Ho-166m	0.0038 U	0.0356	0.0102	0.0432	0.00 - 0.50
7-00078	70142	K-40	21.9	0.188	1.21	32.4	0.00 - 0.50
7-00078	70142	Na-22	-0.012 U	0.0272	0.0086	0.037	0.00 - 0.50
7-00078	70142	Nb-94	0.006 U	0.02	0.0058	0.0214	0.00 - 0.50
7-00078	70142	Np-236	-0.0167 U	0.0326	0.0105	0.047	0.00 - 0.50
7-00078	70142	Np-239	-0.0215 U	0.134	0.0415	0.139	0.00 - 0.50
7-00078	70142	Pa-231	-0.639 UJ	0.854	0.312	0.936	0.00 - 0.50
7-00078	70142	Pb-212	1.55	0.0354	0.0869	2.69	0.00 - 0.50
7-00078	70142	Pb-214	1.09	0.0402	0.0515	1.7	0.00 - 0.50
7-00078	70142	Pu-236	0.0079 U	0.0345	0.0094	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00078	70142	Pu-238	-0.003 U	0.0352	0.0079	0.0415	0.00 - 0.50
7-00078	70142	Pu-239/240	-0.002 U	0.0181	0.0035	0.0404	0.00 - 0.50
7-00078	70142	Pu-244	0	0.0077	0.0028	0.0313	0.00 - 0.50
7-00078	70142	Sb-125	0.0047 U	0.0537	0.0158	0.354	0.00 - 0.50
7-00078	70142	Sn-126	0.0041 U	0.0228	0.0065	0.0237	0.00 - 0.50
7-00078	70142	Sr-90	0.467	0.158	0.085	0.485	0.00 - 0.50
7-00078	70142	Th-228	1.51	0.0823	0.128	3.98	0.00 - 0.50
7-00078	70142	Th-229	0.022	0.0406	0.0136	0.145	0.00 - 0.50
7-00078	70142	Th-230	0.962	0.0149	0.0906	2.2	0.00 - 0.50
7-00078	70142	Th-232	1.26	0.0404	0.11	3.1	0.00 - 0.50
7-00078	70142	Th-234	1.5	0.245	0.137	3.19	0.00 - 0.50
7-00078	70142	Tl-208	0.542	0.0224	0.0326	0.937	0.00 - 0.50
7-00078	70142	Tm-171	0.582 U	7.85	2.51	72.4	0.00 - 0.50
7-00078	70142	U-233/234	0.961	0.0232	0.0901	2.02	0.00 - 0.50
7-00078	70142	U-235/236	0.0811	0.0122	0.02	0.151	0.00 - 0.50
7-00078	70142	U-238	1.02	0.0099	0.0947	1.8	0.00 - 0.50
7-00078	70143	Ac-227	0.0093 U	0.198	0.0598	0.217	1.00 - 5.00
7-00078	70143	Ac-228	1.38	0.0973	0.0679	2.4	1.00 - 5.00
7-00078	70143	Am-241	0.0083	0.0188	0.0059	0.0454	1.00 - 5.00
7-00078	70143	Bi-212	0.982	0.136	0.0838	2.15	1.00 - 5.00
7-00078	70143	Bi-214	1.08	0.0304	0.0504	1.59	1.00 - 5.00
7-00078	70143	Cd-113m	-18.1 U	132	41.8	3030	1.00 - 5.00
7-00078	70143	Cm-243/244	0.0098	0.0156	0.0058	0.0443	1.00 - 5.00
7-00078	70143	Co-60	-0.0096 U	0.0164	0.0056	0.028	1.00 - 5.00
7-00078	70143	Cs-134	0.0111 JS	0.0161	0.0059	0.0864	1.00 - 5.00
7-00078	70143	Cs-137	0.266	0.0165	0.0164	0.207	1.00 - 5.00
7-00078	70143	Eu-152	0.0067 U	0.0482	0.0202	0.0566	1.00 - 5.00
7-00078	70143	Eu-154	-0.049 U	0.0974	0.0316	0.15	1.00 - 5.00
7-00078	70143	Eu-155	0.063 JS	0.068	0.0292	0.231	1.00 - 5.00
7-00078	70143	H-3	3.89 U	8.9	2.7	11.9	1.00 - 5.00
7-00078	70143	Ho-166m	0.0019 U	0.0269	0.0081	0.0432	1.00 - 5.00
7-00078	70143	K-40	24	0.132	1.43	32.4	1.00 - 5.00
7-00078	70143	Na-22	-0.0171 U	0.0204	0.0086	0.037	1.00 - 5.00
7-00078	70143	Nb-94	0.0081 JS	0.0161	0.0051	0.0214	1.00 - 5.00
7-00078	70143	Np-236	-0.0279 UJ	0.0368	0.0132	0.047	1.00 - 5.00
7-00078	70143	Np-239	0.073 J	0.135	0.0437	0.139	1.00 - 5.00
7-00078	70143	Pa-231	-0.32 U	0.82	0.264	0.936	1.00 - 5.00
7-00078	70143	Pb-212	1.57	0.0346	0.0961	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00078	70143	Pb-214	1.18	0.0345	0.0579	1.7	1.00 - 5.00
7-00078	70143	Pu-236	0.0022	0.0059	0.0022	7.79	1.00 - 5.00
7-00078	70143	Pu-238	0.0021	0.0057	0.0021	0.0415	1.00 - 5.00
7-00078	70143	Pu-239/240	0.0042	0.0057	0.003	0.0404	1.00 - 5.00
7-00078	70143	Pu-244	-0.0009 U	0.0165	0.003	0.0313	1.00 - 5.00
7-00078	70143	Sb-125	0.0019 U	0.0459	0.0134	0.354	1.00 - 5.00
7-00078	70143	Sn-126	0.0086 U	0.018	0.0057	0.0237	1.00 - 5.00
7-00078	70143	Sr-90	0.159	0.192	0.0653	0.485	1.00 - 5.00
7-00078	70143	Th-228	1.14	0.0897	0.115	3.98	1.00 - 5.00
7-00078	70143	Th-229	0.0211	0.0191	0.0123	0.145	1.00 - 5.00
7-00078	70143	Th-230	0.829	0.019	0.0902	2.2	1.00 - 5.00
7-00078	70143	Th-232	1.16	0.019	0.113	3.1	1.00 - 5.00
7-00078	70143	Th-234	1.58	0.285	0.143	3.19	1.00 - 5.00
7-00078	70143	Tl-208	0.476	0.0173	0.0271	0.937	1.00 - 5.00
7-00078	70143	Tm-171	-8.68 U	11.9	4.7	72.4	1.00 - 5.00
7-00078	70143	U-233/234	0.62	0.022	0.0858	2.02	1.00 - 5.00
7-00078	70143	U-235/236	0.0329	0.064	0.0215	0.151	1.00 - 5.00
7-00078	70143	U-238	0.871	0.0518	0.108	1.8	1.00 - 5.00
7-00079	70144	Ac-227	-0.0706 U	0.172	0.0538	0.217	1.00 - 3.00
7-00079	70144	Ac-228	1.17	0.0947	0.0569	2.4	1.00 - 3.00
7-00079	70144	Am-241	0.0089	0.0133	0.0049	0.0454	1.00 - 3.00
7-00079	70144	Bi-212	0.867	0.128	0.0815	2.15	1.00 - 3.00
7-00079	70144	Bi-214	0.892	0.0284	0.0432	1.59	1.00 - 3.00
7-00079	70144	Cd-113m	-19.9 U	118	35.1	3030	1.00 - 3.00
7-00079	70144	Cm-243/244	0.0105	0.0057	0.0047	0.0443	1.00 - 3.00
7-00079	70144	Co-60	-0.0052 U	0.0178	0.0055	0.028	1.00 - 3.00
7-00079	70144	Cs-134	0.0026 U	0.014	0.0047	0.0864	1.00 - 3.00
7-00079	70144	Cs-137	0.0055 U	0.0164	0.0056	0.207	1.00 - 3.00
7-00079	70144	Eu-152	0.0167 U	0.0437	0.0151	0.0566	1.00 - 3.00
7-00079	70144	Eu-154	-0.115 UJ	0.0898	0.0393	0.15	1.00 - 3.00
7-00079	70144	Eu-155	0.0802 JS	0.0626	0.0267	0.231	1.00 - 3.00
7-00079	70144	Ho-166m	-0.0044 U	0.0258	0.0078	0.0432	1.00 - 3.00
7-00079	70144	K-40	19.8	0.131	1.21	32.4	1.00 - 3.00
7-00079	70144	Na-22	-0.0025 U	0.0203	0.0061	0.037	1.00 - 3.00
7-00079	70144	Nb-94	0.008 JS	0.0149	0.0047	0.0214	1.00 - 3.00
7-00079	70144	Np-236	0.004 U	0.0333	0.0101	0.047	1.00 - 3.00
7-00079	70144	Np-239	0.031 U	0.116	0.0345	0.139	1.00 - 3.00
7-00079	70144	Pa-231	0.0089 U	0.725	0.221	0.936	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00079	70144	Pb-212	1.27	0.0297	0.0758	2.69	1.00 - 3.00
7-00079	70144	Pb-214	0.973	0.0311	0.0465	1.7	1.00 - 3.00
7-00079	70144	Pu-236	-0.0018 U	0.033	0.0072	7.79	1.00 - 3.00
7-00079	70144	Pu-238	0.0041 U	0.0318	0.0081	0.0415	1.00 - 3.00
7-00079	70144	Pu-239/240	0.0029	0.0079	0.0029	0.0404	1.00 - 3.00
7-00079	70144	Pu-244	0.0029	0.0079	0.0029	0.0313	1.00 - 3.00
7-00079	70144	Sb-125	0.0151 U	0.0431	0.0133	0.354	1.00 - 3.00
7-00079	70144	Sn-126	0.0014 U	0.0163	0.0048	0.0237	1.00 - 3.00
7-00079	70144	Sr-90	0.0011 U	0.221	0.0611	0.485	1.00 - 3.00
7-00079	70144	Th-228	1.18	0.0724	0.114	3.98	1.00 - 3.00
7-00079	70144	Th-229	0.0767	0.0593	0.0259	0.145	1.00 - 3.00
7-00079	70144	Th-230	1.05	0.0173	0.102	2.2	1.00 - 3.00
7-00079	70144	Th-232	1.19	0.0468	0.112	3.1	1.00 - 3.00
7-00079	70144	Th-234	1.43	0.269	0.138	3.19	1.00 - 3.00
7-00079	70144	Tl-208	0.388	0.0164	0.0226	0.937	1.00 - 3.00
7-00079	70144	Tm-171	6.67 J	13.4	4.6	72.4	1.00 - 3.00
7-00079	70144	U-233/234	0.968	0.0391	0.0993	2.02	1.00 - 3.00
7-00079	70144	U-235/236	0.0508	0.0391	0.0193	0.151	1.00 - 3.00
7-00079	70144	U-238	0.97	0.0391	0.0996	1.8	1.00 - 3.00
7-00080	70145	Ac-227	-0.0183 U	0.158	0.0468	0.217	1.00 - 5.00
7-00080	70145	Ac-228	1.15	0.0813	0.0535	2.4	1.00 - 5.00
7-00080	70145	Am-241	0.0006 U	0.0131	0.0025	0.0454	1.00 - 5.00
7-00080	70145	Bi-212	0.778	0.113	0.0631	2.15	1.00 - 5.00
7-00080	70145	Bi-214	0.801	0.0251	0.0384	1.59	1.00 - 5.00
7-00080	70145	Cd-113m	13.5 U	104	30.7	3030	1.00 - 5.00
7-00080	70145	Cm-243/244	0.0017 U	0.0187	0.0044	0.0443	1.00 - 5.00
7-00080	70145	Co-60	-0.0043 U	0.0144	0.0044	0.028	1.00 - 5.00
7-00080	70145	Cs-134	0.0067 JS	0.0122	0.0044	0.0864	1.00 - 5.00
7-00080	70145	Cs-137	-0.0067 U	0.0139	0.0044	0.207	1.00 - 5.00
7-00080	70145	Eu-152	-0.0035 U	0.038	0.0117	0.0566	1.00 - 5.00
7-00080	70145	Eu-154	0.0232 U	0.0796	0.027	0.15	1.00 - 5.00
7-00080	70145	Eu-155	0.0779 JS	0.0542	0.0229	0.231	1.00 - 5.00
7-00080	70145	Ho-166m	-0.006 U	0.0209	0.0063	0.0432	1.00 - 5.00
7-00080	70145	K-40	21.1	0.106	1.19	32.4	1.00 - 5.00
7-00080	70145	Na-22	-0.0078 U	0.0167	0.0055	0.037	1.00 - 5.00
7-00080	70145	Nb-94	0.0036 U	0.0128	0.0038	0.0214	1.00 - 5.00
7-00080	70145	Np-236	-0.0081 U	0.0297	0.0093	0.047	1.00 - 5.00
7-00080	70145	Np-239	0.0108 U	0.106	0.031	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00080	70145	Pa-231	-0.174 U	0.645	0.196	0.936	1.00 - 5.00
7-00080	70145	Pb-212	1.31	0.0271	0.0786	2.69	1.00 - 5.00
7-00080	70145	Pb-214	0.905	0.0269	0.0441	1.7	1.00 - 5.00
7-00080	70145	Pu-236	-0.0018 U	0.0161	0.0031	7.79	1.00 - 5.00
7-00080	70145	Pu-238	0	0.0066	0.0024	0.0415	1.00 - 5.00
7-00080	70145	Pu-239/240	0.0038 U	0.0191	0.0049	0.0404	1.00 - 5.00
7-00080	70145	Pu-244	0.0121	0.0066	0.0055	0.0313	1.00 - 5.00
7-00080	70145	Sb-125	0.007 U	0.0359	0.0108	0.354	1.00 - 5.00
7-00080	70145	Sn-126	-0.0027 U	0.0135	0.004	0.0237	1.00 - 5.00
7-00080	70145	Sr-90	0.0203 U	0.244	0.0686	0.485	1.00 - 5.00
7-00080	70145	Th-228	1.28	0.0578	0.117	3.98	1.00 - 5.00
7-00080	70145	Th-229	0.0355	0.016	0.0146	0.145	1.00 - 5.00
7-00080	70145	Th-230	0.885	0.0434	0.089	2.2	1.00 - 5.00
7-00080	70145	Th-232	1.18	0.0159	0.108	3.1	1.00 - 5.00
7-00080	70145	Th-234	1.36	0.235	0.133	3.19	1.00 - 5.00
7-00080	70145	Tl-208	0.402	0.0135	0.0224	0.937	1.00 - 5.00
7-00080	70145	Tm-171	-2.38 U	9.13	3.13	72.4	1.00 - 5.00
7-00080	70145	U-233/234	0.804	0.0139	0.0869	2.02	1.00 - 5.00
7-00080	70145	U-235/236	0.0445	0.0172	0.0171	0.151	1.00 - 5.00
7-00080	70145	U-238	0.928	0.0406	0.097	1.8	1.00 - 5.00
7-00081	70146	Ac-227	-0.0464 U	0.16	0.0508	0.217	1.00 - 5.00
7-00081	70146	Ac-228	1.24	0.0936	0.0586	2.4	1.00 - 5.00
7-00081	70146	Am-241	0.0024 U	0.0312	0.0078	0.0454	1.00 - 5.00
7-00081	70146	Bi-212	0.834	0.134	0.0831	2.15	1.00 - 5.00
7-00081	70146	Bi-214	0.918	0.0287	0.0452	1.59	1.00 - 5.00
7-00081	70146	Cd-113m	-33.5 U	107	34.2	3030	1.00 - 5.00
7-00081	70146	Cm-243/244	0.0097	0.0229	0.007	0.0443	1.00 - 5.00
7-00081	70146	Co-60	0.0021 U	0.0186	0.0054	0.028	1.00 - 5.00
7-00081	70146	Cs-134	0.0011 U	0.0141	0.0049	0.0864	1.00 - 5.00
7-00081	70146	Cs-137	-0.0004 U	0.0185	0.0053	0.207	1.00 - 5.00
7-00081	70146	Eu-152	-0.0072 U	0.0402	0.0135	0.0566	1.00 - 5.00
7-00081	70146	Eu-154	-0.0379 U	0.102	0.0324	0.15	1.00 - 5.00
7-00081	70146	Eu-155	0.0511 JS	0.0509	0.0188	0.231	1.00 - 5.00
7-00081	70146	Ho-166m	-0.0011 U	0.0269	0.0078	0.0432	1.00 - 5.00
7-00081	70146	K-40	20	0.123	1.08	32.4	1.00 - 5.00
7-00081	70146	Na-22	-0.0067 U	0.0217	0.0066	0.037	1.00 - 5.00
7-00081	70146	Nb-94	0.0041 U	0.0154	0.0045	0.0214	1.00 - 5.00
7-00081	70146	Np-236	-0.0251 UJ	0.0267	0.0099	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00081	70146	Np-239	-0.0143 U	0.106	0.0325	0.139	1.00 - 5.00
7-00081	70146	Pa-231	-0.0387 U	0.673	0.208	0.936	1.00 - 5.00
7-00081	70146	Pb-212	1.35	0.0277	0.0743	2.69	1.00 - 5.00
7-00081	70146	Pb-214	0.967	0.03	0.0458	1.7	1.00 - 5.00
7-00081	70146	Pu-236	0.0008 U	0.0178	0.0035	7.79	1.00 - 5.00
7-00081	70146	Pu-238	0.0042 U	0.0212	0.0054	0.0415	1.00 - 5.00
7-00081	70146	Pu-239/240	0.0149	0.0212	0.0077	0.0404	1.00 - 5.00
7-00081	70146	Pu-244	0.0034 U	0.0171	0.0043	0.0313	1.00 - 5.00
7-00081	70146	Sb-125	0.0025 U	0.0405	0.0119	0.354	1.00 - 5.00
7-00081	70146	Sn-126	0.0072 U	0.0173	0.0052	0.0237	1.00 - 5.00
7-00081	70146	Sr-90	0.323	0.269	0.0954	0.485	1.00 - 5.00
7-00081	70146	Th-228	1.47	0.102	0.141	3.98	1.00 - 5.00
7-00081	70146	Th-229	0.0148 U	0.0796	0.0209	0.145	1.00 - 5.00
7-00081	70146	Th-230	1.14	0.02	0.115	2.2	1.00 - 5.00
7-00081	70146	Th-232	1.42	0.0541	0.134	3.1	1.00 - 5.00
7-00081	70146	Th-234	1.51	0.205	0.124	3.19	1.00 - 5.00
7-00081	70146	Tl-208	0.428	0.0161	0.0254	0.937	1.00 - 5.00
7-00081	70146	Tm-171	-0.813 U	6.08	2.09	72.4	1.00 - 5.00
7-00081	70146	U-233/234	1.18	0.0321	0.116	2.02	1.00 - 5.00
7-00081	70146	U-235/236	0.0613	0.0564	0.0234	0.151	1.00 - 5.00
7-00081	70146	U-238	0.974	0.0321	0.1	1.8	1.00 - 5.00
7-00082	70147	Ac-227	0.03 U	0.183	0.0565	0.217	1.00 - 5.00
7-00082	70147	Ac-228	1.29	0.115	0.0619	2.4	1.00 - 5.00
7-00082	70147	Am-241	0.0024 U	0.0121	0.003	0.0454	1.00 - 5.00
7-00082	70147	Bi-212	0.839 J	0.143	0.0851	2.15	1.00 - 5.00
7-00082	70147	Bi-214	0.915	0.0332	0.0461	1.59	1.00 - 5.00
7-00082	70147	Cd-113m	11.2 U	121	37.3	3030	1.00 - 5.00
7-00082	70147	Cm-243/244	0.0038	0.0051	0.0027	0.0443	1.00 - 5.00
7-00082	70147	Co-60	0.0086 U	0.0208	0.0061	0.028	1.00 - 5.00
7-00082	70147	Cs-134	0.0026 U	0.0165	0.0057	0.0864	1.00 - 5.00
7-00082	70147	Cs-137	-0.0211 UJ	0.0197	0.0081	0.207	1.00 - 5.00
7-00082	70147	Eu-152	-0.0226 U	0.0475	0.0156	0.0566	1.00 - 5.00
7-00082	70147	Eu-154	-0.0819 UJ	0.116	0.0408	0.15	1.00 - 5.00
7-00082	70147	Eu-155	0.1 SJ	0.0527	0.0195	0.231	1.00 - 5.00
7-00082	70147	Ho-166m	0.0091 U	0.0319	0.0093	0.0432	1.00 - 5.00
7-00082	70147	K-40	19.3	0.173	1.07	32.4	1.00 - 5.00
7-00082	70147	Na-22	-0.0069 U	0.0248	0.0075	0.037	1.00 - 5.00
7-00082	70147	Nb-94	0.0042 U	0.0185	0.0053	0.0214	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00082	70147	Np-236	-0.0061 U	0.0299	0.009	0.047	1.00 - 5.00
7-00082	70147	Np-239	0.0362 U	0.121	0.0377	0.139	1.00 - 5.00
7-00082	70147	Pa-231	0.0117 U	0.782	0.242	0.936	1.00 - 5.00
7-00082	70147	Pb-212	1.33	0.0303	0.0746	2.69	1.00 - 5.00
7-00082	70147	Pb-214	0.96	0.0347	0.046	1.7	1.00 - 5.00
7-00082	70147	Pu-236	0.0012 U	0.017	0.0038	7.79	1.00 - 5.00
7-00082	70147	Pu-238	0.0033 U	0.0167	0.0043	0.0415	1.00 - 5.00
7-00082	70147	Pu-239/240	0.0042	0.0058	0.003	0.0404	1.00 - 5.00
7-00082	70147	Pu-244	-0.0009 U	0.0167	0.003	0.0313	1.00 - 5.00
7-00082	70147	Sb-125	0.0186 U	0.0481	0.0146	0.354	1.00 - 5.00
7-00082	70147	Sn-126	0.0132 J	0.0209	0.0066	0.0237	1.00 - 5.00
7-00082	70147	Sr-90	0.0615 U	0.185	0.0551	0.485	1.00 - 5.00
7-00082	70147	Th-228	1.38	0.087	0.124	3.98	1.00 - 5.00
7-00082	70147	Th-229	0.0545	0.0164	0.0184	0.145	1.00 - 5.00
7-00082	70147	Th-230	1.06	0.0164	0.101	2.2	1.00 - 5.00
7-00082	70147	Th-232	1.18	0.0163	0.109	3.1	1.00 - 5.00
7-00082	70147	Th-234	1.41	0.218	0.116	3.19	1.00 - 5.00
7-00082	70147	Tl-208	0.394	0.0185	0.0239	0.937	1.00 - 5.00
7-00082	70147	Tm-171	-1.81 U	6.55	2.15	72.4	1.00 - 5.00
7-00082	70147	U-233/234	1.07	0.0659	0.11	2.02	1.00 - 5.00
7-00082	70147	U-235/236	0.045	0.0595	0.0216	0.151	1.00 - 5.00
7-00082	70147	U-238	1.06	0.0534	0.109	1.8	1.00 - 5.00
7-00083	70148	Ac-227	-0.0238 U	0.199	0.0617	0.217	0.00 - 0.50
7-00083	70148	Ac-228	0.994	0.12	0.0515	2.4	0.00 - 0.50
7-00083	70148	Am-241	0.0209	0.0297	0.0107	0.0454	0.00 - 0.50
7-00083	70148	Bi-212	0.724 J	0.157	0.0796	2.15	0.00 - 0.50
7-00083	70148	Bi-214	0.725	0.0346	0.0376	1.59	0.00 - 0.50
7-00083	70148	Cd-113m	3.45 U	132	40.5	3030	0.00 - 0.50
7-00083	70148	Cm-243/244	-0.0017 UJ	0.0299	0.0054	0.0443	0.00 - 0.50
7-00083	70148	Co-60	0.0049 U	0.0211	0.006	0.028	0.00 - 0.50
7-00083	70148	Cs-134	-0.0053 U	0.0176	0.0063	0.0864	0.00 - 0.50
7-00083	70148	Cs-137	1.82	0.0215	0.0984	0.207	0.00 - 0.50
7-00083	70148	Eu-152	-0.0261 U	0.0519	0.0178	0.0566	0.00 - 0.50
7-00083	70148	Eu-154	-0.0356 U	0.114	0.0353	0.15	0.00 - 0.50
7-00083	70148	Eu-155	0.0563 SJ	0.057	0.0211	0.231	0.00 - 0.50
7-00083	70148	Ho-166m	-0.001 U	0.0303	0.0087	0.0432	0.00 - 0.50
7-00083	70148	K-40	22.3	0.145	1.22	32.4	0.00 - 0.50
7-00083	70148	Na-22	-0.0011 U	0.0267	0.0077	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00083	70148	Nb-94	0.0082 U	0.018	0.0054	0.0214	0.00 - 0.50
7-00083	70148	Np-236	-0.0058 U	0.0303	0.0091	0.047	0.00 - 0.50
7-00083	70148	Np-239	-0.0029 U	0.128	0.0394	0.139	0.00 - 0.50
7-00083	70148	Pa-231	-0.375 U	0.839	0.279	0.936	0.00 - 0.50
7-00083	70148	Pb-212	1.15	0.0341	0.0653	2.69	0.00 - 0.50
7-00083	70148	Pb-214	0.787	0.038	0.0385	1.7	0.00 - 0.50
7-00083	70148	Pu-236	-0.0081 UJ	0.0339	0.006	7.79	0.00 - 0.50
7-00083	70148	Pu-238	0.002 UJ	0.0284	0.0063	0.0415	0.00 - 0.50
7-00083	70148	Pu-239/240	0.0092 UJ	0.0284	0.0081	0.0404	0.00 - 0.50
7-00083	70148	Pu-244	0.0046 UJ	0.0229	0.0057	0.0313	0.00 - 0.50
7-00083	70148	Sb-125	0.0245 U	0.0582	0.0178	0.354	0.00 - 0.50
7-00083	70148	Sn-126	-0.0029 U	0.0189	0.0055	0.0237	0.00 - 0.50
7-00083	70148	Sr-90	0.205	0.133	0.0537	0.485	0.00 - 0.50
7-00083	70148	Th-228	1.29	0.09	0.126	3.98	0.00 - 0.50
7-00083	70148	Th-229	0.0636	0.0521	0.0238	0.145	0.00 - 0.50
7-00083	70148	Th-230	0.734	0.0519	0.0845	2.2	0.00 - 0.50
7-00083	70148	Th-232	1.17	0.0191	0.114	3.1	0.00 - 0.50
7-00083	70148	Th-234	1.09 J	0.218	0.113	3.19	0.00 - 0.50
7-00083	70148	Tl-208	0.39	0.0209	0.0245	0.937	0.00 - 0.50
7-00083	70148	Tm-171	2.36 U	6.76	2.21	72.4	0.00 - 0.50
7-00083	70148	U-233/234	1.11	0.0265	0.104	2.02	0.00 - 0.50
7-00083	70148	U-235/236	0.0514	0.0139	0.0167	0.151	0.00 - 0.50
7-00083	70148	U-238	0.95	0.0265	0.0925	1.8	0.00 - 0.50
7-00083	70149	Ac-227	-0.0824 U	0.177	0.0589	0.217	1.00 - 2.08
7-00083	70149	Ac-228	1.06	0.12	0.0539	2.4	1.00 - 2.08
7-00083	70149	Am-241	0.0185	0.0404	0.0124	0.0454	1.00 - 2.08
7-00083	70149	Bi-212	0.8 J	0.148	0.0928	2.15	1.00 - 2.08
7-00083	70149	Bi-214	0.739	0.0325	0.0391	1.59	1.00 - 2.08
7-00083	70149	Cd-113m	44.5 U	122	38.4	3030	1.00 - 2.08
7-00083	70149	Cm-243/244	0.0111 U	0.0405	0.0113	0.0443	1.00 - 2.08
7-00083	70149	Co-60	-0.0059 U	0.0213	0.0064	0.028	1.00 - 2.08
7-00083	70149	Cs-134	0.0082 JS	0.0167	0.0058	0.0864	1.00 - 2.08
7-00083	70149	Cs-137	0.05	0.0214	0.009	0.207	1.00 - 2.08
7-00083	70149	Eu-152	-0.0246 U	0.0446	0.0149	0.0566	1.00 - 2.08
7-00083	70149	Eu-154	-0.0289 U	0.119	0.0362	0.15	1.00 - 2.08
7-00083	70149	Eu-155	0.0874 JS	0.0499	0.0229	0.231	1.00 - 2.08
7-00083	70149	Ho-166m	-0.0068 U	0.0299	0.0089	0.0432	1.00 - 2.08
7-00083	70149	K-40	23	0.154	1.26	32.4	1.00 - 2.08

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00083	70149	Na-22	-0.0025 U	0.0265	0.0077	0.037	1.00 - 2.08
7-00083	70149	Nb-94	0.0029 U	0.0179	0.0051	0.0214	1.00 - 2.08
7-00083	70149	Np-236	-0.0017 U	0.0287	0.0085	0.047	1.00 - 2.08
7-00083	70149	Np-239	-0.0108 U	0.116	0.0355	0.139	1.00 - 2.08
7-00083	70149	Pa-231	-0.582 UJ	0.72	0.269	0.936	1.00 - 2.08
7-00083	70149	Pb-212	1.11	0.0287	0.0632	2.69	1.00 - 2.08
7-00083	70149	Pb-214	0.747	0.0331	0.0376	1.7	1.00 - 2.08
7-00083	70149	Pu-236	0.0007 U	0.0151	0.0029	7.79	1.00 - 2.08
7-00083	70149	Pu-238	0.0023	0.0063	0.0023	0.0415	1.00 - 2.08
7-00083	70149	Pu-239/240	0.0077	0.0149	0.005	0.0404	1.00 - 2.08
7-00083	70149	Pu-244	0.003 U	0.0149	0.0037	0.0313	1.00 - 2.08
7-00083	70149	Sb-125	0.0077 U	0.0448	0.0132	0.354	1.00 - 2.08
7-00083	70149	Sn-126	-0.0002 U	0.0195	0.0056	0.0237	1.00 - 2.08
7-00083	70149	Sr-90	0.504	0.354	0.13	0.485	1.00 - 2.08
7-00083	70149	Th-228	1.1	0.077	0.11	3.98	1.00 - 2.08
7-00083	70149	Th-229	0 U	0.0753	0.0171	0.145	1.00 - 2.08
7-00083	70149	Th-230	0.635	0.0189	0.0761	2.2	1.00 - 2.08
7-00083	70149	Th-232	0.884	0.0512	0.0943	3.1	1.00 - 2.08
7-00083	70149	Th-234	1.13	0.202	0.109	3.19	1.00 - 2.08
7-00083	70149	Tl-208	0.359	0.0189	0.0228	0.937	1.00 - 2.08
7-00083	70149	Tm-171	-5.14 UJ	6.31	2.39	72.4	1.00 - 2.08
7-00083	70149	U-233/234	0.897	0.0474	0.0996	2.02	1.00 - 2.08
7-00083	70149	U-235/236	0.0434	0.0672	0.0232	0.151	1.00 - 2.08
7-00083	70149	U-238	0.795	0.0383	0.0911	1.8	1.00 - 2.08
7-00085	70151	Ac-227	-0.0362 U	0.205	0.0639	0.217	0.00 - 0.50
7-00085	70151	Ac-228	1.35	0.0919	0.0662	2.4	0.00 - 0.50
7-00085	70151	Am-241	0.0098	0.0053	0.0044	0.0454	0.00 - 0.50
7-00085	70151	Bi-212	0.915	0.124	0.078	2.15	0.00 - 0.50
7-00085	70151	Bi-214	1.03	0.0305	0.048	1.59	0.00 - 0.50
7-00085	70151	Cd-113m	5.55 U	138	43.9	3030	0.00 - 0.50
7-00085	70151	Cm-243/244	-0.0031 U	0.0214	0.0042	0.0443	0.00 - 0.50
7-00085	70151	Co-60	-0.0072 U	0.0164	0.0053	0.028	0.00 - 0.50
7-00085	70151	Cs-134	0.0103 JS	0.0153	0.0056	0.0864	0.00 - 0.50
7-00085	70151	Cs-137	0.0304	0.0182	0.0073	0.207	0.00 - 0.50
7-00085	70151	Eu-152	0.0064 U	0.049	0.0174	0.0566	0.00 - 0.50
7-00085	70151	Eu-154	-0.0158 U	0.0949	0.0282	0.15	0.00 - 0.50
7-00085	70151	Eu-155	0.027 U	0.0761	0.0235	0.231	0.00 - 0.50
7-00085	70151	Ho-166m	0.0058 U	0.0266	0.008	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00085	70151	K-40	22.6	0.152	1.37	32.4	0.00 - 0.50
7-00085	70151	Na-22	0.009 U	0.0205	0.0071	0.037	0.00 - 0.50
7-00085	70151	Nb-94	0.0037 U	0.0149	0.0045	0.0214	0.00 - 0.50
7-00085	70151	Np-236	-0.0027 U	0.0403	0.0121	0.047	0.00 - 0.50
7-00085	70151	Np-239	-0.0337 U	0.139	0.0435	0.139	0.00 - 0.50
7-00085	70151	Pa-231	-0.0443 U	0.867	0.29	0.936	0.00 - 0.50
7-00085	70151	Pb-212	1.51	0.0355	0.0927	2.69	0.00 - 0.50
7-00085	70151	Pb-214	1.15	0.035	0.0551	1.7	0.00 - 0.50
7-00085	70151	Pu-236	-0.0046 UJ	0.0407	0.0086	7.79	0.00 - 0.50
7-00085	70151	Pu-238	-0.0074 UJ	0.0483	0.0108	0.0415	0.00 - 0.50
7-00085	70151	Pu-239/240	0.0144	0.0215	0.008	0.0404	0.00 - 0.50
7-00085	70151	Pu-244	0.0068	0.0091	0.0048	0.0313	0.00 - 0.50
7-00085	70151	Sb-125	0.0226 JS	0.0459	0.0143	0.354	0.00 - 0.50
7-00085	70151	Sn-126	0.0005 U	0.0164	0.0049	0.0237	0.00 - 0.50
7-00085	70151	Sr-90	0.0659 U	0.255	0.0746	0.485	0.00 - 0.50
7-00085	70151	Th-228	1.33	0.0995	0.118	3.98	0.00 - 0.50
7-00085	70151	Th-229	0.0163 U	0.0506	0.0144	0.145	0.00 - 0.50
7-00085	70151	Th-230	0.924	0.04	0.0886	2.2	0.00 - 0.50
7-00085	70151	Th-232	1.22	0.0399	0.107	3.1	0.00 - 0.50
7-00085	70151	Th-234	1.74 J	0.327	0.18	3.19	0.00 - 0.50
7-00085	70151	Tl-208	0.438	0.0166	0.0246	0.937	0.00 - 0.50
7-00085	70151	Tm-171	-10.1 U	15.4	5.78	72.4	0.00 - 0.50
7-00085	70151	U-233/234	0.789	0.0153	0.0885	2.02	0.00 - 0.50
7-00085	70151	U-235/236	0.0699	0.0189	0.0227	0.151	0.00 - 0.50
7-00085	70151	U-238	0.906	0.036	0.098	1.8	0.00 - 0.50
7-00085	70152	Ac-227	-0.051 U	0.189	0.0587	0.217	1.00 - 1.66
7-00085	70152	Ac-228	1.34	0.0945	0.0629	2.4	1.00 - 1.66
7-00085	70152	Am-241	0.0005 U	0.0114	0.0022	0.0454	1.00 - 1.66
7-00085	70152	Bi-212	0.935	0.129	0.0789	2.15	1.00 - 1.66
7-00085	70152	Bi-214	1.07	0.03	0.0501	1.59	1.00 - 1.66
7-00085	70152	Cd-113m	45.3 U	133	41.3	3030	1.00 - 1.66
7-00085	70152	Cm-243/244	0.0054	0.0048	0.0031	0.0443	1.00 - 1.66
7-00085	70152	Co-60	0.0079 U	0.0181	0.0054	0.028	1.00 - 1.66
7-00085	70152	Cs-134	0.0026 U	0.0147	0.005	0.0864	1.00 - 1.66
7-00085	70152	Cs-137	0.0055 U	0.0181	0.0062	0.207	1.00 - 1.66
7-00085	70152	Eu-152	-0.0135 U	0.0479	0.0157	0.0566	1.00 - 1.66
7-00085	70152	Eu-154	0.0148 U	0.0982	0.0283	0.15	1.00 - 1.66
7-00085	70152	Eu-155	0.0911 JS	0.0687	0.0274	0.231	1.00 - 1.66

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00085	70152	Ho-166m	-0.0044 U	0.0279	0.0085	0.0432	1.00 - 1.66
7-00085	70152	K-40	20.5	0.134	1.14	32.4	1.00 - 1.66
7-00085	70152	Na-22	-0.0048 U	0.0196	0.0065	0.037	1.00 - 1.66
7-00085	70152	Nb-94	0.001 U	0.0157	0.0047	0.0214	1.00 - 1.66
7-00085	70152	Np-236	-0.0204 U	0.0376	0.0125	0.047	1.00 - 1.66
7-00085	70152	Np-239	0.0263 U	0.134	0.0406	0.139	1.00 - 1.66
7-00085	70152	Pa-231	-0.54 U	0.775	0.281	0.936	1.00 - 1.66
7-00085	70152	Pb-212	1.5	0.0321	0.0873	2.69	1.00 - 1.66
7-00085	70152	Pb-214	1.15	0.0331	0.0544	1.7	1.00 - 1.66
7-00085	70152	Pu-238	0.009	0.0061	0.0045	0.0415	1.00 - 1.66
7-00085	70152	Pu-239/240	0.0013 U	0.0177	0.0039	0.0404	1.00 - 1.66
7-00085	70152	Pu-244	0.0096	0.0143	0.0053	0.0313	1.00 - 1.66
7-00085	70152	Sb-125	0.0008 U	0.044	0.0128	0.354	1.00 - 1.66
7-00085	70152	Sn-126	-0.0069 U	0.0166	0.0053	0.0237	1.00 - 1.66
7-00085	70152	Sr-90	0.039 U	0.132	0.0384	0.485	1.00 - 1.66
7-00085	70152	Th-228	1.24	0.105	0.121	3.98	1.00 - 1.66
7-00085	70152	Th-229	0.0344	0.0639	0.0207	0.145	1.00 - 1.66
7-00085	70152	Th-230	1.02	0.0739	0.104	2.2	1.00 - 1.66
7-00085	70152	Th-232	1.15	0.0822	0.113	3.1	1.00 - 1.66
7-00085	70152	Th-234	1.54	0.297	0.151	3.19	1.00 - 1.66
7-00085	70152	Tl-208	0.47	0.0164	0.0276	0.937	1.00 - 1.66
7-00085	70152	Tm-171	-6.12 U	12.5	4.65	72.4	1.00 - 1.66
7-00085	70152	U-233/234	0.731	0.0887	0.0979	2.02	1.00 - 1.66
7-00085	70152	U-235/236	0.0101	0.0273	0.0101	0.151	1.00 - 1.66
7-00085	70152	U-238	0.709	0.0221	0.0938	1.8	1.00 - 1.66
7-00086	70153	Ac-227	0.183 J	0.242	0.0856	0.217	0.00 - 0.50
7-00086	70153	Ac-228	0.943	0.0818	0.0484	2.4	0.00 - 0.50
7-00086	70153	Am-241	0.003 U	0.015	0.0038	0.0454	0.00 - 0.50
7-00086	70153	Bi-212	0.717 J	0.111	0.0721	2.15	0.00 - 0.50
7-00086	70153	Bi-214	0.637	0.0338	0.0324	1.59	0.00 - 0.50
7-00086	70153	Cd-113m	22.5 U	161	48.5	3030	0.00 - 0.50
7-00086	70153	Cm-243/244	0.0021 U	0.0192	0.0047	0.0443	0.00 - 0.50
7-00086	70153	Co-60	-0.0002 U	0.0151	0.0044	0.028	0.00 - 0.50
7-00086	70153	Cs-134	0.0012 U	0.0166	0.0056	0.0864	0.00 - 0.50
7-00086	70153	Cs-137	4.55	0.0169	0.249	0.207	0.00 - 0.50
7-00086	70153	Eu-152	-0.0237 U	0.0612	0.0203	0.0566	0.00 - 0.50
7-00086	70153	Eu-154	-0.0309 U	0.0837	0.0267	0.15	0.00 - 0.50
7-00086	70153	Eu-155	0.0365 U	0.0803	0.0252	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00086	70153	Ho-166m	0.0009 U	0.0228	0.0067	0.0432	0.00 - 0.50
7-00086	70153	K-40	15.8	0.0941	1	32.4	0.00 - 0.50
7-00086	70153	Na-22	-0.0049 U	0.0195	0.0059	0.037	0.00 - 0.50
7-00086	70153	Nb-94	0.0028 U	0.0133	0.0039	0.0214	0.00 - 0.50
7-00086	70153	Np-236	0.0159 U	0.0427	0.0132	0.047	0.00 - 0.50
7-00086	70153	Np-239	0.0289 U	0.155	0.048	0.139	0.00 - 0.50
7-00086	70153	Pa-231	0.325 U	1.01	0.321	0.936	0.00 - 0.50
7-00086	70153	Pb-212	1.05	0.0416	0.0715	2.69	0.00 - 0.50
7-00086	70153	Pb-214	0.624	0.0441	0.0367	1.7	0.00 - 0.50
7-00086	70153	Pu-236	0.0054 UJ	0.0269	0.0067	7.79	0.00 - 0.50
7-00086	70153	Pu-238	-0.0141 UJ	0.0556	0.0112	0.0415	0.00 - 0.50
7-00086	70153	Pu-239/240	0.0011 UJ	0.0258	0.005	0.0404	0.00 - 0.50
7-00086	70153	Pu-244	0	0.011	0.0041	0.0313	0.00 - 0.50
7-00086	70153	Sb-125	0.0612 SJ	0.0675	0.0245	0.354	0.00 - 0.50
7-00086	70153	Sn-126	0.0037 U	0.0149	0.0044	0.0237	0.00 - 0.50
7-00086	70153	Sr-90	0.0648 U	0.261	0.0764	0.485	0.00 - 0.50
7-00086	70153	Th-228	0.974	0.116	0.13	3.98	0.00 - 0.50
7-00086	70153	Th-229	0 UJ	0.127	0.0288	0.145	0.00 - 0.50
7-00086	70153	Th-230	0.61	0.0318	0.0937	2.2	0.00 - 0.50
7-00086	70153	Th-232	0.972	0.0862	0.125	3.1	0.00 - 0.50
7-00086	70153	Th-234	0.987 J	0.384	0.279	3.19	0.00 - 0.50
7-00086	70153	Tl-208	0.333	0.0185	0.0212	0.937	0.00 - 0.50
7-00086	70153	Tm-171	-21.4 UJ	18.7	7.61	72.4	0.00 - 0.50
7-00086	70153	U-233/234	0.655	0.0315	0.0667	2.02	0.00 - 0.50
7-00086	70153	U-235/236	0.056	0.0117	0.016	0.151	0.00 - 0.50
7-00086	70153	U-238	0.6	0.0222	0.0623	1.8	0.00 - 0.50
7-00086	70154	Ac-227	-0.0116 U	0.169	0.0506	0.217	1.00 - 4.00
7-00086	70154	Ac-228	1.13	0.0842	0.0546	2.4	1.00 - 4.00
7-00086	70154	Am-241	0.0102	0.0152	0.0056	0.0454	1.00 - 4.00
7-00086	70154	Bi-212	0.86	0.108	0.0733	2.15	1.00 - 4.00
7-00086	70154	Bi-214	0.807	0.0266	0.0388	1.59	1.00 - 4.00
7-00086	70154	Cd-113m	52.5 U	117	37.8	3030	1.00 - 4.00
7-00086	70154	Cm-243/244	-0.0011 U	0.0189	0.0034	0.0443	1.00 - 4.00
7-00086	70154	Co-60	-0.0022 U	0.0148	0.0045	0.028	1.00 - 4.00
7-00086	70154	Cs-134	0.0034 U	0.0127	0.0042	0.0864	1.00 - 4.00
7-00086	70154	Cs-137	0.364	0.0148	0.0216	0.207	1.00 - 4.00
7-00086	70154	Eu-152	-0.0399 UJ	0.0398	0.0165	0.0566	1.00 - 4.00
7-00086	70154	Eu-154	-0.0526 U	0.0844	0.0289	0.15	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00086	70154	Eu-155	0.0511 JS	0.0619	0.0226	0.231	1.00 - 4.00
7-00086	70154	Ho-166m	0.0022 U	0.0223	0.0065	0.0432	1.00 - 4.00
7-00086	70154	K-40	22.3	0.103	1.27	32.4	1.00 - 4.00
7-00086	70154	Na-22	0.0011 U	0.018	0.0054	0.037	1.00 - 4.00
7-00086	70154	Nb-94	0.0057 U	0.0133	0.004	0.0214	1.00 - 4.00
7-00086	70154	Np-236	0.0029 U	0.0331	0.0097	0.047	1.00 - 4.00
7-00086	70154	Np-239	-0.0777 U	0.115	0.0393	0.139	1.00 - 4.00
7-00086	70154	Pa-231	-0.132 U	0.712	0.246	0.936	1.00 - 4.00
7-00086	70154	Pb-212	1.21	0.0294	0.0769	2.69	1.00 - 4.00
7-00086	70154	Pb-214	0.879	0.0304	0.0446	1.7	1.00 - 4.00
7-00086	70154	Pu-236	-0.0006 UJ	0.0332	0.0069	7.79	1.00 - 4.00
7-00086	70154	Pu-238	-0.0006 UJ	0.0327	0.0068	0.0415	1.00 - 4.00
7-00086	70154	Pu-239/240	0.0036	0.0098	0.0036	0.0404	1.00 - 4.00
7-00086	70154	Pu-244	0	0.0098	0.0036	0.0313	1.00 - 4.00
7-00086	70154	Sb-125	-0.0093 U	0.0392	0.0122	0.354	1.00 - 4.00
7-00086	70154	Sn-126	-0.0061 U	0.0143	0.0045	0.0237	1.00 - 4.00
7-00086	70154	Sr-90	-0.0433 U	0.317	0.0829	0.485	1.00 - 4.00
7-00086	70154	Th-228	0.876	0.0663	0.0955	3.98	1.00 - 4.00
7-00086	70154	Th-229	0.0489	0.0515	0.0212	0.145	1.00 - 4.00
7-00086	70154	Th-230	0.781	0.0648	0.0881	2.2	1.00 - 4.00
7-00086	70154	Th-232	1	0.0749	0.104	3.1	1.00 - 4.00
7-00086	70154	Th-234	1.2 J	0.252	0.132	3.19	1.00 - 4.00
7-00086	70154	Tl-208	0.4	0.0146	0.0232	0.937	1.00 - 4.00
7-00086	70154	Tm-171	-3.51 U	10.5	3.78	72.4	1.00 - 4.00
7-00086	70154	U-233/234	0.501	0.034	0.0637	2.02	1.00 - 4.00
7-00086	70154	U-235/236	0.0198	0.0179	0.0115	0.151	1.00 - 4.00
7-00086	70154	U-238	0.755	0.034	0.0844	1.8	1.00 - 4.00
7-00087	70155	Ac-227	-0.0235 U	0.31	0.092	0.217	0.00 - 0.50
7-00087	70155	Ac-228	1.05	0.076	0.0521	2.4	0.00 - 0.50
7-00087	70155	Am-241	-0.0015 UJ	0.026	0.0047	0.0454	0.00 - 0.50
7-00087	70155	Bi-212	0.846	0.0996	0.0685	2.15	0.00 - 0.50
7-00087	70155	Bi-214	0.792	0.0417	0.0378	1.59	0.00 - 0.50
7-00087	70155	Cd-113m	1.69 U	210	62.2	3030	0.00 - 0.50
7-00087	70155	Cm-243/244	0.0042 UJ	0.0211	0.0053	0.0443	0.00 - 0.50
7-00087	70155	Co-60	0.0023 U	0.0147	0.0042	0.028	0.00 - 0.50
7-00087	70155	Cs-134	0.0092 U	0.0211	0.0076	0.0864	0.00 - 0.50
7-00087	70155	Cs-137	19.8	0.021	1.03	0.207	0.00 - 0.50
7-00087	70155	Eu-152	0.0085 U	0.0827	0.0257	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00087	70155	Eu-154	-0.0207 U	0.0793	0.0244	0.15	0.00 - 0.50
7-00087	70155	Eu-155	0.0507 SJ	0.0879	0.0293	0.231	0.00 - 0.50
7-00087	70155	Ho-166m	-0.0099 U	0.0191	0.0062	0.0432	0.00 - 0.50
7-00087	70155	K-40	20.1	0.0984	1.13	32.4	0.00 - 0.50
7-00087	70155	Na-22	-0.0056 U	0.0164	0.0052	0.037	0.00 - 0.50
7-00087	70155	Nb-94	0.0071 SJ	0.0122	0.0038	0.0214	0.00 - 0.50
7-00087	70155	Np-236	-0.0301 U	0.0476	0.0164	0.047	0.00 - 0.50
7-00087	70155	Np-239	0.0455 U	0.203	0.0605	0.139	0.00 - 0.50
7-00087	70155	Pa-231	0.672 J	1.33	0.422	0.936	0.00 - 0.50
7-00087	70155	Pb-212	1.1	0.0534	0.068	2.69	0.00 - 0.50
7-00087	70155	Pb-214	0.887	0.0601	0.049	1.7	0.00 - 0.50
7-00087	70155	Pu-236	0.0068 UJ	0.0528	0.0134	7.79	0.00 - 0.50
7-00087	70155	Pu-238	-0.0009 UJ	0.0666	0.0163	0.0415	0.00 - 0.50
7-00087	70155	Pu-239/240	-0.0007 UJ	0.0421	0.0088	0.0404	0.00 - 0.50
7-00087	70155	Pu-244	-0.0054 UJ	0.0421	0.0074	0.0313	0.00 - 0.50
7-00087	70155	Sb-125	0.0427 U	0.0962	0.0307	0.354	0.00 - 0.50
7-00087	70155	Sn-126	0.0008 U	0.0133	0.0038	0.0237	0.00 - 0.50
7-00087	70155	Sr-90	0.163	0.235	0.076	0.485	0.00 - 0.50
7-00087	70155	Th-228	0.983	0.0969	0.105	3.98	0.00 - 0.50
7-00087	70155	Th-229	0.014 U	0.0514	0.014	0.145	0.00 - 0.50
7-00087	70155	Th-230	0.564	0.0189	0.0708	2.2	0.00 - 0.50
7-00087	70155	Th-232	0.813	0.0188	0.0889	3.1	0.00 - 0.50
7-00087	70155	Th-234	1.15 J	0.342	0.148	3.19	0.00 - 0.50
7-00087	70155	Tl-208	0.363	0.024	0.022	0.937	0.00 - 0.50
7-00087	70155	Tm-171	-0.772 U	12.5	4.2	72.4	0.00 - 0.50
7-00087	70155	U-233/234	0.724	0.01	0.0726	2.02	0.00 - 0.50
7-00087	70155	U-235/236	0.0272	0.0123	0.0113	0.151	0.00 - 0.50
7-00087	70155	U-238	0.801	0.0234	0.0785	1.8	0.00 - 0.50
7-00087	70156	Ac-227	-0.0589 U	0.224	0.0712	0.217	1.00 - 2.00
7-00087	70156	Ac-228	1	0.0918	0.0517	2.4	1.00 - 2.00
7-00087	70156	Am-241	0.0124	0.0067	0.0056	0.0454	1.00 - 2.00
7-00087	70156	Bi-212	0.696	0.123	0.0638	2.15	1.00 - 2.00
7-00087	70156	Bi-214	0.762	0.0316	0.0372	1.59	1.00 - 2.00
7-00087	70156	Cd-113m	-100 U	148	51.3	3030	1.00 - 2.00
7-00087	70156	Cm-243/244	0.0057	0.0158	0.0047	0.0443	1.00 - 2.00
7-00087	70156	Co-60	0.0041 U	0.0183	0.0053	0.028	1.00 - 2.00
7-00087	70156	Cs-134	0.0036 U	0.0152	0.0051	0.0864	1.00 - 2.00
7-00087	70156	Cs-137	2.15	0.0188	0.117	0.207	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00087	70156	Eu-152	-0.0141 U	0.0559	0.0196	0.0566	1.00 - 2.00
7-00087	70156	Eu-154	0.0164 U	0.0985	0.0294	0.15	1.00 - 2.00
7-00087	70156	Eu-155	0.0585 SJ	0.0788	0.0269	0.231	1.00 - 2.00
7-00087	70156	Ho-166m	-0.0133 U	0.0247	0.0081	0.0432	1.00 - 2.00
7-00087	70156	K-40	19.9	0.13	1.24	32.4	1.00 - 2.00
7-00087	70156	Na-22	-0.0034 U	0.0212	0.0063	0.037	1.00 - 2.00
7-00087	70156	Nb-94	0.0054 U	0.015	0.0045	0.0214	1.00 - 2.00
7-00087	70156	Np-236	-0.0069 U	0.0422	0.0127	0.047	1.00 - 2.00
7-00087	70156	Np-239	0.0314 U	0.148	0.0459	0.139	1.00 - 2.00
7-00087	70156	Pa-231	0.128 U	0.953	0.307	0.936	1.00 - 2.00
7-00087	70156	Pb-212	1.13	0.0371	0.0753	2.69	1.00 - 2.00
7-00087	70156	Pb-214	0.814	0.0405	0.0439	1.7	1.00 - 2.00
7-00087	70156	Pu-236	-0.0031 U	0.0241	0.0043	7.79	1.00 - 2.00
7-00087	70156	Pu-238	-0.0004 U	0.0238	0.005	0.0415	1.00 - 2.00
7-00087	70156	Pu-239/240	0.0026	0.0071	0.0026	0.0404	1.00 - 2.00
7-00087	70156	Pu-244	0.0026	0.0071	0.0026	0.0313	1.00 - 2.00
7-00087	70156	Sb-125	-0.0051 U	0.0553	0.0167	0.354	1.00 - 2.00
7-00087	70156	Sn-126	0.0047 U	0.0165	0.0049	0.0237	1.00 - 2.00
7-00087	70156	Sr-90	0.0419 U	0.16	0.0458	0.485	1.00 - 2.00
7-00087	70156	Th-228	1.04	0.12	0.111	3.98	1.00 - 2.00
7-00087	70156	Th-229	0 U	0.0763	0.0174	0.145	1.00 - 2.00
7-00087	70156	Th-230	0.771	0.0521	0.0875	2.2	1.00 - 2.00
7-00087	70156	Th-232	1.16	0.0191	0.114	3.1	1.00 - 2.00
7-00087	70156	Th-234	0.986 J	0.395	0.272	3.19	1.00 - 2.00
7-00087	70156	Tl-208	0.344	0.0171	0.0213	0.937	1.00 - 2.00
7-00087	70156	Tm-171	-11.8 U	19	6.31	72.4	1.00 - 2.00
7-00087	70156	U-233/234	0.765	0.0427	0.0921	2.02	1.00 - 2.00
7-00087	70156	U-235/236	0.0046 U	0.0653	0.0144	0.151	1.00 - 2.00
7-00087	70156	U-238	0.673	0.0528	0.0848	1.8	1.00 - 2.00
7-00088	70157	Ac-227	0.001 U	0.195	0.0597	0.217	0.00 - 0.50
7-00088	70157	Ac-228	1.27	0.0845	0.0618	2.4	0.00 - 0.50
7-00088	70157	Am-241	0.0061 U	0.0195	0.0055	0.0454	0.00 - 0.50
7-00088	70157	Bi-212	0.814	0.118	0.0725	2.15	0.00 - 0.50
7-00088	70157	Bi-214	1.07	0.0272	0.0482	1.59	0.00 - 0.50
7-00088	70157	Cd-113m	-80 U	125	43.5	3030	0.00 - 0.50
7-00088	70157	Cm-243/244	-0.0026 U	0.0228	0.0048	0.0443	0.00 - 0.50
7-00088	70157	Co-60	0.004 UJ	0.0165	0.0049	0.028	0.00 - 0.50
7-00088	70157	Cs-134	-0.0033 U	0.0135	0.0048	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00088	70157	Cs-137	0.169	0.0167	0.0125	0.207	0.00 - 0.50
7-00088	70157	Eu-152	0.0043 U	0.0466	0.0198	0.0566	0.00 - 0.50
7-00088	70157	Eu-154	-0.0125 U	0.0856	0.0253	0.15	0.00 - 0.50
7-00088	70157	Eu-155	0.0181 U	0.0711	0.0216	0.231	0.00 - 0.50
7-00088	70157	Ho-166m	-0.0021 U	0.0241	0.0073	0.0432	0.00 - 0.50
7-00088	70157	K-40	19.2	0.13	1.17	32.4	0.00 - 0.50
7-00088	70157	Na-22	-0.0047 U	0.0183	0.0056	0.037	0.00 - 0.50
7-00088	70157	Nb-94	0.0099 JS	0.0143	0.0048	0.0214	0.00 - 0.50
7-00088	70157	Np-236	-0.0007 U	0.0379	0.0113	0.047	0.00 - 0.50
7-00088	70157	Np-239	-0.061 U	0.129	0.0425	0.139	0.00 - 0.50
7-00088	70157	Pa-231	-0.463 U	0.796	0.293	0.936	0.00 - 0.50
7-00088	70157	Pb-212	1.41	0.0339	0.0864	2.69	0.00 - 0.50
7-00088	70157	Pb-214	1.22	0.0335	0.0573	1.7	0.00 - 0.50
7-00088	70157	Pu-236	-0.0009 U	0.016	0.0029	7.79	0.00 - 0.50
7-00088	70157	Pu-238	0.0059	0.0053	0.0034	0.0415	0.00 - 0.50
7-00088	70157	Pu-239/240	0.0078	0.0053	0.0039	0.0404	0.00 - 0.50
7-00088	70157	Pu-244	0.002	0.0053	0.002	0.0313	0.00 - 0.50
7-00088	70157	Sb-125	0.0194 U	0.0442	0.0136	0.354	0.00 - 0.50
7-00088	70157	Sn-126	-0.0001 U	0.0154	0.0046	0.0237	0.00 - 0.50
7-00088	70157	Sr-90	0.169	0.207	0.0682	0.485	0.00 - 0.50
7-00088	70157	Th-228	1.35	0.0924	0.117	3.98	0.00 - 0.50
7-00088	70157	Th-229	0.0106 U	0.0637	0.0168	0.145	0.00 - 0.50
7-00088	70157	Th-230	1.03	0.0143	0.0935	2.2	0.00 - 0.50
7-00088	70157	Th-232	1.36	0.0143	0.113	3.1	0.00 - 0.50
7-00088	70157	Th-234	1.66 J	0.293	0.173	3.19	0.00 - 0.50
7-00088	70157	Tl-208	0.414	0.0165	0.0238	0.937	0.00 - 0.50
7-00088	70157	Tm-171	-5.36 U	14.7	5.13	72.4	0.00 - 0.50
7-00088	70157	U-233/234	1.03	0.0326	0.105	2.02	0.00 - 0.50
7-00088	70157	U-235/236	0.0352	0.0499	0.0181	0.151	0.00 - 0.50
7-00088	70157	U-238	0.913	0.0326	0.0957	1.8	0.00 - 0.50
7-00088	70158	Ac-227	-0.0381 U	0.237	0.074	0.217	1.00 - 2.25
7-00088	70158	Ac-228	1.63	0.109	0.0778	2.4	1.00 - 2.25
7-00088	70158	Am-241	0.0052	0.0145	0.0043	0.0454	1.00 - 2.25
7-00088	70158	Bi-212	1.23	0.156	0.101	2.15	1.00 - 2.25
7-00088	70158	Bi-214	1.26	0.0345	0.0586	1.59	1.00 - 2.25
7-00088	70158	Cd-113m	-142 UJ	156	60.1	3030	1.00 - 2.25
7-00088	70158	Cm-243/244	0.0019 U	0.0206	0.0049	0.0443	1.00 - 2.25
7-00088	70158	Co-60	0.0008 U	0.0205	0.006	0.028	1.00 - 2.25

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00088	70158	Cs-134	-0.0068 U	0.0171	0.0061	0.0864	1.00 - 2.25
7-00088	70158	Cs-137	0.0029 U	0.0211	0.0062	0.207	1.00 - 2.25
7-00088	70158	Eu-152	0.0157 U	0.0579	0.0225	0.0566	1.00 - 2.25
7-00088	70158	Eu-154	-0.0261 U	0.108	0.0333	0.15	1.00 - 2.25
7-00088	70158	Eu-155	0.0829 JS	0.0912	0.0332	0.231	1.00 - 2.25
7-00088	70158	Ho-166m	-0.0112 U	0.0307	0.0096	0.0432	1.00 - 2.25
7-00088	70158	K-40	19.6	0.169	1.23	32.4	1.00 - 2.25
7-00088	70158	Na-22	-0.001 U	0.0241	0.0083	0.037	1.00 - 2.25
7-00088	70158	Nb-94	0.008 U	0.0184	0.0056	0.0214	1.00 - 2.25
7-00088	70158	Np-236	0.0352 JS	0.0486	0.0166	0.047	1.00 - 2.25
7-00088	70158	Np-239	-0.0513 U	0.158	0.0503	0.139	1.00 - 2.25
7-00088	70158	Pa-231	-0.221 U	0.98	0.311	0.936	1.00 - 2.25
7-00088	70158	Pb-212	1.84	0.0403	0.122	2.69	1.00 - 2.25
7-00088	70158	Pb-214	1.45	0.0399	0.0729	1.7	1.00 - 2.25
7-00088	70158	Pu-236	-0.002 U	0.0173	0.0034	7.79	1.00 - 2.25
7-00088	70158	Pu-238	0.0027	0.0072	0.0027	0.0415	1.00 - 2.25
7-00088	70158	Pu-239/240	0.0034 U	0.017	0.0042	0.0404	1.00 - 2.25
7-00088	70158	Pu-244	-0.0019 U	0.017	0.0033	0.0313	1.00 - 2.25
7-00088	70158	Sb-125	-0.0037 U	0.0529	0.0159	0.354	1.00 - 2.25
7-00088	70158	Sn-126	-0.0132 UJ	0.019	0.0066	0.0237	1.00 - 2.25
7-00088	70158	Sr-90	-0.0831 U	0.219	0.0529	0.485	1.00 - 2.25
7-00088	70158	Th-228	1.55	0.113	0.141	3.98	1.00 - 2.25
7-00088	70158	Th-229	0.0069 U	0.0833	0.0208	0.145	1.00 - 2.25
7-00088	70158	Th-230	1.18	0.0745	0.115	2.2	1.00 - 2.25
7-00088	70158	Th-232	1.44	0.0508	0.13	3.1	1.00 - 2.25
7-00088	70158	Th-234	2.05 J	0.403	0.227	3.19	1.00 - 2.25
7-00088	70158	Tl-208	0.548	0.0194	0.0313	0.937	1.00 - 2.25
7-00088	70158	Tm-171	-12.2 U	22.9	8.22	72.4	1.00 - 2.25
7-00088	70158	U-233/234	1.3	0.0213	0.142	2.02	1.00 - 2.25
7-00088	70158	U-235/236	0.0291	0.0263	0.017	0.151	1.00 - 2.25
7-00088	70158	U-238	1.28	0.0501	0.141	1.8	1.00 - 2.25
7-00089	70159	Ac-227	0.043 U	0.168	0.0512	0.217	0.00 - 0.50
7-00089	70159	Ac-228	0.921	0.0836	0.0452	2.4	0.00 - 0.50
7-00089	70159	Am-241	0.0059	0.0053	0.0034	0.0454	0.00 - 0.50
7-00089	70159	Bi-212	0.607	0.117	0.0585	2.15	0.00 - 0.50
7-00089	70159	Bi-214	0.825	0.0272	0.0395	1.59	0.00 - 0.50
7-00089	70159	Cd-113m	11.9 U	111	34.6	3030	0.00 - 0.50
7-00089	70159	Cm-243/244	0.0025 U	0.0125	0.0031	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00089	70159	Co-60	0.0039 UJ	0.0162	0.0047	0.028	0.00 - 0.50
7-00089	70159	Cs-134	-0.0001 U	0.0139	0.0047	0.0864	0.00 - 0.50
7-00089	70159	Cs-137	0.0264	0.0148	0.0057	0.207	0.00 - 0.50
7-00089	70159	Eu-152	-0.0038 U	0.0407	0.0129	0.0566	0.00 - 0.50
7-00089	70159	Eu-154	-0.0958 UJ	0.0802	0.0338	0.15	0.00 - 0.50
7-00089	70159	Eu-155	0.0333 JS	0.0611	0.0194	0.231	0.00 - 0.50
7-00089	70159	Ho-166m	0.0037 U	0.0231	0.0068	0.0432	0.00 - 0.50
7-00089	70159	K-40	19.2	0.112	1.07	32.4	0.00 - 0.50
7-00089	70159	Na-22	-0.0085 U	0.0191	0.0061	0.037	0.00 - 0.50
7-00089	70159	Nb-94	0.0068 JS	0.0138	0.0043	0.0214	0.00 - 0.50
7-00089	70159	Np-236	0.0022 U	0.0327	0.0096	0.047	0.00 - 0.50
7-00089	70159	Np-239	-0.0083 U	0.112	0.0337	0.139	0.00 - 0.50
7-00089	70159	Pa-231	-0.396 U	0.691	0.233	0.936	0.00 - 0.50
7-00089	70159	Pb-212	1.05	0.0283	0.0616	2.69	0.00 - 0.50
7-00089	70159	Pb-214	0.905	0.028	0.0433	1.7	0.00 - 0.50
7-00089	70159	Pu-236	-0.0009 U	0.0164	0.003	7.79	0.00 - 0.50
7-00089	70159	Pu-238	0.004	0.0055	0.0029	0.0415	0.00 - 0.50
7-00089	70159	Pu-239/240	0.0011 U	0.0159	0.0035	0.0404	0.00 - 0.50
7-00089	70159	Pu-244	0.002	0.0055	0.002	0.0313	0.00 - 0.50
7-00089	70159	Sb-125	-0.0078 U	0.039	0.0116	0.354	0.00 - 0.50
7-00089	70159	Sn-126	-0.0002 U	0.0144	0.0043	0.0237	0.00 - 0.50
7-00089	70159	Sr-90	0.0886 U	0.173	0.0537	0.485	0.00 - 0.50
7-00089	70159	Th-228	1.16	0.0861	0.115	3.98	0.00 - 0.50
7-00089	70159	Th-229	0.0137 U	0.0506	0.0138	0.145	0.00 - 0.50
7-00089	70159	Th-230	0.795	0.0186	0.0871	2.2	0.00 - 0.50
7-00089	70159	Th-232	1.06	0.0503	0.106	3.1	0.00 - 0.50
7-00089	70159	Th-234	1.38	0.245	0.13	3.19	0.00 - 0.50
7-00089	70159	Tl-208	0.33	0.0142	0.0198	0.937	0.00 - 0.50
7-00089	70159	Tm-171	-1.49 U	10.9	3.84	72.4	0.00 - 0.50
7-00089	70159	U-233/234	0.814	0.0141	0.0881	2.02	0.00 - 0.50
7-00089	70159	U-235/236	0.0193	0.0175	0.0112	0.151	0.00 - 0.50
7-00089	70159	U-238	1.05	0.0332	0.107	1.8	0.00 - 0.50
7-00089	70160	Ac-227	-0.0713 U	0.206	0.0638	0.217	1.00 - 4.50
7-00089	70160	Ac-228	1.14	0.111	0.0578	2.4	1.00 - 4.50
7-00089	70160	Am-241	-0.0107 U	0.0693	0.0155	0.0454	1.00 - 4.50
7-00089	70160	Bi-212	0.916	0.14	0.0871	2.15	1.00 - 4.50
7-00089	70160	Bi-214	1.11	0.0324	0.0535	1.59	1.00 - 4.50
7-00089	70160	Cd-113m	2.42 U	138	44	3030	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00089	70160	Cm-243/244	-0.0148 U	0.0602	0.0115	0.0443	1.00 - 4.50
7-00089	70160	Co-60	0.0004 U	0.0206	0.006	0.028	1.00 - 4.50
7-00089	70160	Cs-134	-0.0062 U	0.0157	0.0056	0.0864	1.00 - 4.50
7-00089	70160	Cs-137	0.096	0.0178	0.01	0.207	1.00 - 4.50
7-00089	70160	Eu-152	-0.0133 U	0.0507	0.0169	0.0566	1.00 - 4.50
7-00089	70160	Eu-154	-0.0339 U	0.111	0.0337	0.15	1.00 - 4.50
7-00089	70160	Eu-155	0.06 JS	0.075	0.0265	0.231	1.00 - 4.50
7-00089	70160	Ho-166m	0.0077 U	0.0296	0.0088	0.0432	1.00 - 4.50
7-00089	70160	K-40	21.1	0.156	1.27	32.4	1.00 - 4.50
7-00089	70160	Na-22	0.0008 U	0.0239	0.007	0.037	1.00 - 4.50
7-00089	70160	Nb-94	0.0017 U	0.0161	0.0048	0.0214	1.00 - 4.50
7-00089	70160	Np-236	-0.0026 U	0.0395	0.0121	0.047	1.00 - 4.50
7-00089	70160	Np-239	-0.0359 U	0.135	0.0409	0.139	1.00 - 4.50
7-00089	70160	Pa-231	-0.0227 U	0.854	0.262	0.936	1.00 - 4.50
7-00089	70160	Pb-212	1.28	0.0346	0.0859	2.69	1.00 - 4.50
7-00089	70160	Pb-214	1.17	0.0367	0.0609	1.7	1.00 - 4.50
7-00089	70160	Pu-236	-0.0023 U	0.0207	0.004	7.79	1.00 - 4.50
7-00089	70160	Pu-238	0.0032	0.0086	0.0032	0.0415	1.00 - 4.50
7-00089	70160	Pu-239/240	0.0136	0.0202	0.0075	0.0404	1.00 - 4.50
7-00089	70160	Pu-244	0	0.0086	0.0032	0.0313	1.00 - 4.50
7-00089	70160	Sb-125	0.0337 JS	0.0489	0.0164	0.354	1.00 - 4.50
7-00089	70160	Sn-126	-0.0055 U	0.0177	0.0055	0.0237	1.00 - 4.50
7-00089	70160	Sr-90	0.246	0.242	0.0834	0.485	1.00 - 4.50
7-00089	70160	Th-228	1.09	0.0875	0.108	3.98	1.00 - 4.50
7-00089	70160	Th-229	0.0454	0.0603	0.0217	0.145	1.00 - 4.50
7-00089	70160	Th-230	0.913	0.0175	0.0933	2.2	1.00 - 4.50
7-00089	70160	Th-232	0.916	0.0475	0.0939	3.1	1.00 - 4.50
7-00089	70160	Th-234	1.3 J	0.325	0.158	3.19	1.00 - 4.50
7-00089	70160	Tl-208	0.402	0.0179	0.0244	0.937	1.00 - 4.50
7-00089	70160	Tm-171	2.22 U	15.7	5.21	72.4	1.00 - 4.50
7-00089	70160	U-233/234	1.01	0.0642	0.121	2.02	1.00 - 4.50
7-00089	70160	U-235/236	0.0201	0.0273	0.0143	0.151	1.00 - 4.50
7-00089	70160	U-238	0.928	0.0221	0.113	1.8	1.00 - 4.50
7-00090	70161	Ac-227	0.054 U	0.226	0.0703	0.217	0.00 - 0.50
7-00090	70161	Ac-228	1.02	0.0797	0.0506	2.4	0.00 - 0.50
7-00090	70161	Am-241	0.0169	0.0176	0.0071	0.0454	0.00 - 0.50
7-00090	70161	Bi-212	0.82	0.113	0.0674	2.15	0.00 - 0.50
7-00090	70161	Bi-214	0.728	0.0316	0.0359	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00090	70161	Cd-113m	-26.8 U	152	47.5	3030	0.00 - 0.50
7-00090	70161	Cm-243/244	-0.0049 U	0.0204	0.0036	0.0443	0.00 - 0.50
7-00090	70161	Co-60	0.0092 J	0.0166	0.0052	0.028	0.00 - 0.50
7-00090	70161	Cs-134	-0.0021 U	0.0163	0.0057	0.0864	0.00 - 0.50
7-00090	70161	Cs-137	6.52	0.0165	0.342	0.207	0.00 - 0.50
7-00090	70161	Eu-152	-0.016 U	0.0588	0.0177	0.0566	0.00 - 0.50
7-00090	70161	Eu-154	0.026 U	0.0837	0.0282	0.15	0.00 - 0.50
7-00090	70161	Eu-155	-0.0113 U	0.0711	0.0211	0.231	0.00 - 0.50
7-00090	70161	Ho-166m	-0.0001 U	0.0223	0.0068	0.0432	0.00 - 0.50
7-00090	70161	K-40	20.8	0.121	1.18	32.4	0.00 - 0.50
7-00090	70161	Na-22	-0.0025 U	0.019	0.0058	0.037	0.00 - 0.50
7-00090	70161	Nb-94	0.0093 SJ	0.0133	0.0044	0.0214	0.00 - 0.50
7-00090	70161	Np-236	-0.0206 U	0.0382	0.0124	0.047	0.00 - 0.50
7-00090	70161	Np-239	0.0974 J	0.146	0.0497	0.139	0.00 - 0.50
7-00090	70161	Pa-231	-0.167 U	0.935	0.294	0.936	0.00 - 0.50
7-00090	70161	Pb-212	1.17	0.0398	0.071	2.69	0.00 - 0.50
7-00090	70161	Pb-214	0.788	0.0427	0.0413	1.7	0.00 - 0.50
7-00090	70161	Pu-236	0.0086	0.0241	0.0071	7.79	0.00 - 0.50
7-00090	70161	Pu-238	0.0083	0.0231	0.0068	0.0415	0.00 - 0.50
7-00090	70161	Pu-239/240	0.0475	0.0363	0.0156	0.0404	0.00 - 0.50
7-00090	70161	Pu-244	-0.0032 UJ	0.0363	0.0073	0.0313	0.00 - 0.50
7-00090	70161	Sb-125	0.0186 U	0.0646	0.0195	0.354	0.00 - 0.50
7-00090	70161	Sn-126	-0.002 U	0.014	0.0043	0.0237	0.00 - 0.50
7-00090	70161	Sr-90	0.282	0.254	0.0883	0.485	0.00 - 0.50
7-00090	70161	Th-228	1.07	0.131	0.132	3.98	0.00 - 0.50
7-00090	70161	Th-229	0.0103 UJ	0.124	0.031	0.145	0.00 - 0.50
7-00090	70161	Th-230	0.587	0.111	0.09	2.2	0.00 - 0.50
7-00090	70161	Th-232	0.77	0.0756	0.103	3.1	0.00 - 0.50
7-00090	70161	Th-234	1.73	0.3	0.168	3.19	0.00 - 0.50
7-00090	70161	Tl-208	0.361	0.0183	0.022	0.937	0.00 - 0.50
7-00090	70161	Tm-171	0.769 U	13.4	4.63	72.4	0.00 - 0.50
7-00090	70161	U-233/234	4.09 J	0.0511	0.348	2.02	0.00 - 0.50
7-00090	70161	U-235/236	0.304	0.0217	0.0544	0.151	0.00 - 0.50
7-00090	70161	U-238	1.68	0.0176	0.164	1.8	0.00 - 0.50
7-00090	70162	Ac-227	0.0285 U	0.173	0.0535	0.217	1.00 - 2.66
7-00090	70162	Ac-228	1.04	0.104	0.0516	2.4	1.00 - 2.66
7-00090	70162	Am-241	0.0026	0.0071	0.0026	0.0454	1.00 - 2.66
7-00090	70162	Bi-212	0.745 J	0.14	0.0767	2.15	1.00 - 2.66

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00090	70162	Bi-214	0.74	0.031	0.0394	1.59	1.00 - 2.66
7-00090	70162	Cd-113m	-17.9 U	114	35.7	3030	1.00 - 2.66
7-00090	70162	Cm-243/244	-0.0019 U	0.0167	0.0032	0.0443	1.00 - 2.66
7-00090	70162	Co-60	0.0024 U	0.0193	0.0055	0.028	1.00 - 2.66
7-00090	70162	Cs-134	0.0062 U	0.0153	0.0053	0.0864	1.00 - 2.66
7-00090	70162	Cs-137	0.492	0.0197	0.0304	0.207	1.00 - 2.66
7-00090	70162	Eu-152	-0.0279 U	0.0437	0.0147	0.0566	1.00 - 2.66
7-00090	70162	Eu-154	-0.0392 U	0.109	0.0343	0.15	1.00 - 2.66
7-00090	70162	Eu-155	0.0602 SJ	0.0524	0.0207	0.231	1.00 - 2.66
7-00090	70162	Ho-166m	0.0025 U	0.0277	0.008	0.0432	1.00 - 2.66
7-00090	70162	K-40	20.1	0.129	1.12	32.4	1.00 - 2.66
7-00090	70162	Na-22	-0.0118 U	0.0225	0.0073	0.037	1.00 - 2.66
7-00090	70162	Nb-94	0.004 U	0.0164	0.0047	0.0214	1.00 - 2.66
7-00090	70162	Np-236	-0.0076 U	0.0281	0.0085	0.047	1.00 - 2.66
7-00090	70162	Np-239	0.0639 J	0.116	0.0381	0.139	1.00 - 2.66
7-00090	70162	Pa-231	0.0697 U	0.724	0.224	0.936	1.00 - 2.66
7-00090	70162	Pb-212	1.15	0.0285	0.0656	2.69	1.00 - 2.66
7-00090	70162	Pb-214	0.796	0.033	0.0396	1.7	1.00 - 2.66
7-00090	70162	Pu-236	0.0054 U	0.0265	0.0069	7.79	1.00 - 2.66
7-00090	70162	Pu-238	0.0098 U	0.0314	0.009	0.0415	1.00 - 2.66
7-00090	70162	Pu-239/240	-0.0013 U	0.0228	0.0041	0.0404	1.00 - 2.66
7-00090	70162	Pu-244	0.0058	0.0078	0.0041	0.0313	1.00 - 2.66
7-00090	70162	Sb-125	0.0023 U	0.0445	0.0131	0.354	1.00 - 2.66
7-00090	70162	Sn-126	-0.0008 U	0.0184	0.0053	0.0237	1.00 - 2.66
7-00090	70162	Sr-90	0.117	0.149	0.0489	0.485	1.00 - 2.66
7-00090	70162	Th-228	1.05	0.11	0.108	3.98	1.00 - 2.66
7-00090	70162	Th-229	0.0137 U	0.0634	0.0167	0.145	1.00 - 2.66
7-00090	70162	Th-230	0.77	0.0502	0.0857	2.2	1.00 - 2.66
7-00090	70162	Th-232	1.07	0.0184	0.106	3.1	1.00 - 2.66
7-00090	70162	Th-234	1.13	0.198	0.106	3.19	1.00 - 2.66
7-00090	70162	Tl-208	0.369	0.017	0.0222	0.937	1.00 - 2.66
7-00090	70162	Tm-171	-1.26 U	6.02	1.96	72.4	1.00 - 2.66
7-00090	70162	U-233/234	0.837	0.0596	0.0906	2.02	1.00 - 2.66
7-00090	70162	U-235/236	0.0151 U	0.0687	0.0185	0.151	1.00 - 2.66
7-00090	70162	U-238	0.857	0.0138	0.0911	1.8	1.00 - 2.66
7-00091	70163	Ac-227	-0.0016 U	0.174	0.0537	0.217	0.00 - 0.50
7-00091	70163	Ac-228	1.04	0.101	0.0523	2.4	0.00 - 0.50
7-00091	70163	Am-241	-0.0018 U	0.0327	0.0059	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00091	70163	Bi-212	0.795	0.141	0.0731	2.15	0.00 - 0.50
7-00091	70163	Bi-214	0.699	0.0322	0.0368	1.59	0.00 - 0.50
7-00091	70163	Cd-113m	34.6 U	117	36.4	3030	0.00 - 0.50
7-00091	70163	Cm-243/244	-0.0018 U	0.0328	0.006	0.0443	0.00 - 0.50
7-00091	70163	Co-60	-0.0055 U	0.0197	0.0059	0.028	0.00 - 0.50
7-00091	70163	Cs-134	-0.0037 U	0.0162	0.0058	0.0864	0.00 - 0.50
7-00091	70163	Cs-137	0.86	0.0192	0.0489	0.207	0.00 - 0.50
7-00091	70163	Eu-152	-0.0232 UJ	0.0449	0.0162	0.0566	0.00 - 0.50
7-00091	70163	Eu-154	-0.063 U	0.105	0.0358	0.15	0.00 - 0.50
7-00091	70163	Eu-155	0.082 JS	0.0495	0.0225	0.231	0.00 - 0.50
7-00091	70163	Ho-166m	0.0126 U	0.0294	0.0087	0.0432	0.00 - 0.50
7-00091	70163	K-40	19.8	0.141	1.11	32.4	0.00 - 0.50
7-00091	70163	Na-22	-0.0045 U	0.0233	0.0069	0.037	0.00 - 0.50
7-00091	70163	Nb-94	0.0003 U	0.0165	0.0047	0.0214	0.00 - 0.50
7-00091	70163	Np-236	-0.0135 U	0.0275	0.0088	0.047	0.00 - 0.50
7-00091	70163	Np-239	-0.0152 U	0.114	0.0352	0.139	0.00 - 0.50
7-00091	70163	Pa-231	0.258 U	0.758	0.239	0.936	0.00 - 0.50
7-00091	70163	Pb-212	1.07	0.0297	0.0617	2.69	0.00 - 0.50
7-00091	70163	Pb-214	0.735	0.0337	0.0383	1.7	0.00 - 0.50
7-00091	70163	Pu-236	-0.0043 U	0.029	0.0057	7.79	0.00 - 0.50
7-00091	70163	Pu-238	0.0055 U	0.0258	0.0068	0.0415	0.00 - 0.50
7-00091	70163	Pu-239/240	0.0128	0.007	0.0058	0.0404	0.00 - 0.50
7-00091	70163	Pu-244	0	0.007	0.0026	0.0313	0.00 - 0.50
7-00091	70163	Sb-125	0.0005 U	0.0479	0.0141	0.354	0.00 - 0.50
7-00091	70163	Sn-126	0.0015 U	0.0178	0.0051	0.0237	0.00 - 0.50
7-00091	70163	Sr-90	0.107 U	0.195	0.0614	0.485	0.00 - 0.50
7-00091	70163	Th-228	1.06	0.104	0.114	3.98	0.00 - 0.50
7-00091	70163	Th-229	0.0075 U	0.0554	0.013	0.145	0.00 - 0.50
7-00091	70163	Th-230	0.834	0.0809	0.095	2.2	0.00 - 0.50
7-00091	70163	Th-232	1.12	0.0551	0.114	3.1	0.00 - 0.50
7-00091	70163	Th-234	1.01	0.194	0.0986	3.19	0.00 - 0.50
7-00091	70163	Tl-208	0.375	0.0173	0.0233	0.937	0.00 - 0.50
7-00091	70163	Tm-171	-0.244 U	6.13	1.96	72.4	0.00 - 0.50
7-00091	70163	U-233/234	0.99	0.0097	0.0915	2.02	0.00 - 0.50
7-00091	70163	U-235/236	0.088	0.0119	0.0206	0.151	0.00 - 0.50
7-00091	70163	U-238	0.861	0.0322	0.0823	1.8	0.00 - 0.50
7-00091	70164	Ac-227	-0.0134 U	0.156	0.0539	0.217	1.00 - 3.50
7-00091	70164	Ac-228	1.07	0.0844	0.0511	2.4	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00091	70164	Am-241	0.0024	0.0066	0.0024	0.0454	1.00 - 3.50
7-00091	70164	Bi-212	0.774	0.109	0.0612	2.15	1.00 - 3.50
7-00091	70164	Bi-214	0.748	0.0246	0.0392	1.59	1.00 - 3.50
7-00091	70164	Cd-113m	-14.8 U	105	32.5	3030	1.00 - 3.50
7-00091	70164	Cm-243/244	0.0024	0.0066	0.0024	0.0443	1.00 - 3.50
7-00091	70164	Co-60	-0.0028 U	0.0149	0.0046	0.028	1.00 - 3.50
7-00091	70164	Cs-134	0.0031 U	0.0123	0.0042	0.0864	1.00 - 3.50
7-00091	70164	Cs-137	0.182	0.0161	0.0131	0.207	1.00 - 3.50
7-00091	70164	Eu-152	-0.0269 U	0.0389	0.0136	0.0566	1.00 - 3.50
7-00091	70164	Eu-154	0.0193 U	0.0885	0.026	0.15	1.00 - 3.50
7-00091	70164	Eu-155	0.0596 SJ	0.0576	0.0217	0.231	1.00 - 3.50
7-00091	70164	Ho-166m	-0.005 U	0.022	0.0069	0.0432	1.00 - 3.50
7-00091	70164	K-40	22	0.118	1.25	32.4	1.00 - 3.50
7-00091	70164	Na-22	-0.011 U	0.0174	0.0061	0.037	1.00 - 3.50
7-00091	70164	Nb-94	0.006 U	0.0131	0.0041	0.0214	1.00 - 3.50
7-00091	70164	Np-236	-0.0075 U	0.0298	0.009	0.047	1.00 - 3.50
7-00091	70164	Np-239	-0.0328 U	0.106	0.0334	0.139	1.00 - 3.50
7-00091	70164	Pa-231	-0.0866 U	0.639	0.199	0.936	1.00 - 3.50
7-00091	70164	Pb-212	1.2	0.0266	0.072	2.69	1.00 - 3.50
7-00091	70164	Pb-214	0.872	0.0281	0.0427	1.7	1.00 - 3.50
7-00091	70164	Pu-236	0.0117	0.0276	0.0084	7.79	1.00 - 3.50
7-00091	70164	Pu-238	-0.011 U	0.0464	0.0101	0.0415	1.00 - 3.50
7-00091	70164	Pu-239/240	0.0206	0.0272	0.0098	0.0404	1.00 - 3.50
7-00091	70164	Pu-244	0.006	0.0082	0.0043	0.0313	1.00 - 3.50
7-00091	70164	Sb-125	0.009 U	0.0365	0.0108	0.354	1.00 - 3.50
7-00091	70164	Sn-126	-0.0015 U	0.0141	0.0043	0.0237	1.00 - 3.50
7-00091	70164	Sr-90	0.35	0.218	0.0861	0.485	1.00 - 3.50
7-00091	70164	Th-228	1.12	0.0979	0.112	3.98	1.00 - 3.50
7-00091	70164	Th-229	0.0341	0.0185	0.0154	0.145	1.00 - 3.50
7-00091	70164	Th-230	0.654	0.0185	0.077	2.2	1.00 - 3.50
7-00091	70164	Th-232	1.16	0.05	0.112	3.1	1.00 - 3.50
7-00091	70164	Th-234	1.5	0.237	0.149	3.19	1.00 - 3.50
7-00091	70164	Tl-208	0.365	0.0137	0.0212	0.937	1.00 - 3.50
7-00091	70164	Tm-171	-0.883 U	10.8	3.75	72.4	1.00 - 3.50
7-00091	70164	U-233/234	0.883	0.0306	0.0916	2.02	1.00 - 3.50
7-00091	70164	U-235/236	0.0373	0.0379	0.0165	0.151	1.00 - 3.50
7-00091	70164	U-238	0.636	0.0628	0.0737	1.8	1.00 - 3.50
7-00092	70165	Ac-227	-0.0506 U	0.203	0.062	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00092	70165	Ac-228	1.04	0.0945	0.0514	2.4	0.00 - 0.50
7-00092	70165	Am-241	0.0037	0.005	0.0026	0.0454	0.00 - 0.50
7-00092	70165	Bi-212	0.91	0.122	0.083	2.15	0.00 - 0.50
7-00092	70165	Bi-214	0.741	0.0307	0.0372	1.59	0.00 - 0.50
7-00092	70165	Cd-113m	-101 UJ	132	46.8	3030	0.00 - 0.50
7-00092	70165	Cm-243/244	0.0037	0.005	0.0026	0.0443	0.00 - 0.50
7-00092	70165	Co-60	-0.0019 U	0.0167	0.0049	0.028	0.00 - 0.50
7-00092	70165	Cs-134	0.0066 U	0.0152	0.0053	0.0864	0.00 - 0.50
7-00092	70165	Cs-137	1.5	0.0174	0.0826	0.207	0.00 - 0.50
7-00092	70165	Eu-152	-0.0077 UJ	0.0512	0.0163	0.0566	0.00 - 0.50
7-00092	70165	Eu-154	-0.0198 U	0.0973	0.0293	0.15	0.00 - 0.50
7-00092	70165	Eu-155	0.0445 JS	0.071	0.0239	0.231	0.00 - 0.50
7-00092	70165	Ho-166m	-0.0024 U	0.0246	0.0074	0.0432	0.00 - 0.50
7-00092	70165	K-40	21.9	0.119	1.38	32.4	0.00 - 0.50
7-00092	70165	Na-22	-0.004 U	0.0207	0.0074	0.037	0.00 - 0.50
7-00092	70165	Nb-94	0.0014 U	0.0149	0.0044	0.0214	0.00 - 0.50
7-00092	70165	Np-236	0.0051 U	0.0373	0.0115	0.047	0.00 - 0.50
7-00092	70165	Np-239	0.0138 U	0.134	0.0398	0.139	0.00 - 0.50
7-00092	70165	Pa-231	0.328 U	0.858	0.274	0.936	0.00 - 0.50
7-00092	70165	Pb-212	1.19	0.034	0.0727	2.69	0.00 - 0.50
7-00092	70165	Pb-214	0.852	0.0364	0.0428	1.7	0.00 - 0.50
7-00092	70165	Pu-236	0.001 U	0.0238	0.0046	7.79	0.00 - 0.50
7-00092	70165	Pu-238	-0.0016 U	0.0284	0.0052	0.0415	0.00 - 0.50
7-00092	70165	Pu-239/240	0.0046 U	0.0229	0.0057	0.0404	0.00 - 0.50
7-00092	70165	Pu-244	-0.0026 U	0.0229	0.0044	0.0313	0.00 - 0.50
7-00092	70165	Sb-125	0.009 U	0.051	0.0149	0.354	0.00 - 0.50
7-00092	70165	Sn-126	-0.0095 U	0.0156	0.0053	0.0237	0.00 - 0.50
7-00092	70165	Sr-90	0.221	0.266	0.0902	0.485	0.00 - 0.50
7-00092	70165	Th-228	1.26	0.0825	0.125	3.98	0.00 - 0.50
7-00092	70165	Th-229	0.0291	0.0535	0.0179	0.145	0.00 - 0.50
7-00092	70165	Th-230	0.768	0.0534	0.0878	2.2	0.00 - 0.50
7-00092	70165	Th-232	1.11	0.0532	0.111	3.1	0.00 - 0.50
7-00092	70165	Th-234	1.07 J	0.303	0.146	3.19	0.00 - 0.50
7-00092	70165	Tl-208	0.369	0.0158	0.0221	0.937	0.00 - 0.50
7-00092	70165	Tm-171	-5.18 U	15	5.2	72.4	0.00 - 0.50
7-00092	70165	U-233/234	0.822	0.0129	0.0864	2.02	0.00 - 0.50
7-00092	70165	U-235/236	0.0251	0.0374	0.0139	0.151	0.00 - 0.50
7-00092	70165	U-238	0.761	0.0302	0.0818	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00092	70166	Ac-227	-0.049 U	0.177	0.0559	0.217	1.00 - 1.83
7-00092	70166	Ac-228	1.06	0.0805	0.0524	2.4	1.00 - 1.83
7-00092	70166	Am-241	0.0027	0.0074	0.0027	0.0454	1.00 - 1.83
7-00092	70166	Bi-212	0.921	0.108	0.0751	2.15	1.00 - 1.83
7-00092	70166	Bi-214	0.755	0.0257	0.0365	1.59	1.00 - 1.83
7-00092	70166	Cd-113m	-30.2 U	119	38.7	3030	1.00 - 1.83
7-00092	70166	Cm-243/244	0	0.0074	0.0027	0.0443	1.00 - 1.83
7-00092	70166	Co-60	-0.0012 U	0.0146	0.0043	0.028	1.00 - 1.83
7-00092	70166	Cs-134	-0.0014 U	0.0125	0.0044	0.0864	1.00 - 1.83
7-00092	70166	Cs-137	0.175	0.0153	0.0122	0.207	1.00 - 1.83
7-00092	70166	Eu-152	-0.0139 U	0.0422	0.0147	0.0566	1.00 - 1.83
7-00092	70166	Eu-154	-0.066 UJ	0.0804	0.0292	0.15	1.00 - 1.83
7-00092	70166	Eu-155	0.0382 SJ	0.0643	0.0239	0.231	1.00 - 1.83
7-00092	70166	Ho-166m	-0.0051 U	0.0227	0.007	0.0432	1.00 - 1.83
7-00092	70166	K-40	21.7	0.124	1.32	32.4	1.00 - 1.83
7-00092	70166	Na-22	-0.014 UJ	0.0166	0.0062	0.037	1.00 - 1.83
7-00092	70166	Nb-94	0.0053 U	0.0136	0.0042	0.0214	1.00 - 1.83
7-00092	70166	Np-236	-0.0179 U	0.0346	0.0121	0.047	1.00 - 1.83
7-00092	70166	Np-239	0.0204 U	0.12	0.0369	0.139	1.00 - 1.83
7-00092	70166	Pa-231	0.0601 U	0.742	0.236	0.936	1.00 - 1.83
7-00092	70166	Pb-212	1.21	0.0303	0.0743	2.69	1.00 - 1.83
7-00092	70166	Pb-214	0.864	0.0306	0.0424	1.7	1.00 - 1.83
7-00092	70166	Pu-236	0.0022 UJ	0.0574	0.0143	7.79	1.00 - 1.83
7-00092	70166	Pu-238	0.0015 UJ	0.0637	0.0162	0.0415	1.00 - 1.83
7-00092	70166	Pu-239/240	0.0094	0.0264	0.0078	0.0404	1.00 - 1.83
7-00092	70166	Pu-244	0	0.0112	0.0041	0.0313	1.00 - 1.83
7-00092	70166	Sb-125	0.0129 U	0.0405	0.0121	0.354	1.00 - 1.83
7-00092	70166	Sn-126	-0.0088 U	0.0138	0.0048	0.0237	1.00 - 1.83
7-00092	70166	Sr-90	0.246	0.105	0.0493	0.485	1.00 - 1.83
7-00092	70166	Th-228	1.02	0.106	0.108	3.98	1.00 - 1.83
7-00092	70166	Th-229	0.0626	0.0646	0.0253	0.145	1.00 - 1.83
7-00092	70166	Th-230	0.666	0.0511	0.0791	2.2	1.00 - 1.83
7-00092	70166	Th-232	1.03	0.0642	0.105	3.1	1.00 - 1.83
7-00092	70166	Th-234	1.38 J	0.329	0.357	3.19	1.00 - 1.83
7-00092	70166	Tl-208	0.359	0.0146	0.0209	0.937	1.00 - 1.83
7-00092	70166	Tm-171	-6.72 U	13	4.2	72.4	1.00 - 1.83
7-00092	70166	U-233/234	0.727	0.0171	0.087	2.02	1.00 - 1.83
7-00092	70166	U-235/236	0.0122 UJ	0.0617	0.0157	0.151	1.00 - 1.83

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00092	70166	U-238	0.835	0.0171	0.0959	1.8	1.00 - 1.83
7-00093	70167	Ac-227	0.0484 U	0.185	0.057	0.217	0.00 - 0.50
7-00093	70167	Ac-228	0.657	0.0839	0.0368	2.4	0.00 - 0.50
7-00093	70167	Am-241	-0.0009 U	0.0168	0.003	0.0454	0.00 - 0.50
7-00093	70167	Bi-212	0.441 J	0.104	0.0554	2.15	0.00 - 0.50
7-00093	70167	Bi-214	0.944	0.0268	0.0453	1.59	0.00 - 0.50
7-00093	70167	Cd-113m	-69.2 U	121	42.2	3030	0.00 - 0.50
7-00093	70167	Cm-243/244	0.0113	0.0136	0.0055	0.0443	0.00 - 0.50
7-00093	70167	Co-60	-0.0037 U	0.0151	0.0045	0.028	0.00 - 0.50
7-00093	70167	Cs-134	0.0104 JS	0.014	0.0052	0.0864	0.00 - 0.50
7-00093	70167	Cs-137	1.41	0.0156	0.0771	0.207	0.00 - 0.50
7-00093	70167	Eu-152	-0.0013 UJ	0.0475	0.0168	0.0566	0.00 - 0.50
7-00093	70167	Eu-154	0.0357 U	0.0842	0.0295	0.15	0.00 - 0.50
7-00093	70167	Eu-155	0.0245 U	0.0633	0.0195	0.231	0.00 - 0.50
7-00093	70167	Ho-166m	0.0033 U	0.0216	0.0064	0.0432	0.00 - 0.50
7-00093	70167	K-40	20.7	0.11	1.22	32.4	0.00 - 0.50
7-00093	70167	Na-22	-0.0032 U	0.0182	0.0054	0.037	0.00 - 0.50
7-00093	70167	Nb-94	0.0068 JS	0.0131	0.0041	0.0214	0.00 - 0.50
7-00093	70167	Np-236	0.0039 U	0.0343	0.0102	0.047	0.00 - 0.50
7-00093	70167	Np-239	0.0418 U	0.121	0.0375	0.139	0.00 - 0.50
7-00093	70167	Pa-231	-0.28 U	0.756	0.243	0.936	0.00 - 0.50
7-00093	70167	Pb-212	0.72	0.0312	0.0458	2.69	0.00 - 0.50
7-00093	70167	Pb-214	1.03	0.0328	0.0506	1.7	0.00 - 0.50
7-00093	70167	Pu-236	-0.0018 U	0.0159	0.0031	7.79	0.00 - 0.50
7-00093	70167	Pu-238	0.011	0.019	0.0064	0.0415	0.00 - 0.50
7-00093	70167	Pu-239/240	0.0168	0.0065	0.0064	0.0404	0.00 - 0.50
7-00093	70167	Pu-244	-0.0004 U	0.0218	0.0045	0.0313	0.00 - 0.50
7-00093	70167	Sb-125	-0.0094 U	0.0448	0.0134	0.354	0.00 - 0.50
7-00093	70167	Sn-126	-0.0018 U	0.0138	0.0041	0.0237	0.00 - 0.50
7-00093	70167	Sr-90	0.0841 U	0.332	0.096	0.485	0.00 - 0.50
7-00093	70167	Th-228	0.839	0.0198	0.0921	3.98	0.00 - 0.50
7-00093	70167	Th-229	0.0485	0.0188	0.0185	0.145	0.00 - 0.50
7-00093	70167	Th-230	1.2	0.0187	0.115	2.2	0.00 - 0.50
7-00093	70167	Th-232	0.716	0.0741	0.0833	3.1	0.00 - 0.50
7-00093	70167	Th-234	1.02 J	0.271	0.123	3.19	0.00 - 0.50
7-00093	70167	Tl-208	0.212	0.015	0.0152	0.937	0.00 - 0.50
7-00093	70167	Tm-171	-2.17 U	12.2	4.1	72.4	0.00 - 0.50
7-00093	70167	U-233/234	1.12	0.0274	0.1	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00093	70167	U-235/236	0.0829	0.0274	0.0203	0.151	0.00 - 0.50
7-00093	70167	U-238	1.19	0.0274	0.105	1.8	0.00 - 0.50
7-00094	70169	Ac-227	0.0032 U	0.199	0.0615	0.217	0.00 - 0.50
7-00094	70169	Ac-228	1	0.0991	0.0512	2.4	0.00 - 0.50
7-00094	70169	Am-241	0.0069	0.0062	0.004	0.0454	0.00 - 0.50
7-00094	70169	Bi-212	0.691 J	0.188	0.176	2.15	0.00 - 0.50
7-00094	70169	Bi-214	0.72	0.0302	0.0358	1.59	0.00 - 0.50
7-00094	70169	Cd-113m	-58.2 U	136	44.9	3030	0.00 - 0.50
7-00094	70169	Cm-243/244	-0.0027 U	0.021	0.0037	0.0443	0.00 - 0.50
7-00094	70169	Co-60	0.0061 U	0.0189	0.0056	0.028	0.00 - 0.50
7-00094	70169	Cs-134	-0.0007 U	0.0148	0.005	0.0864	0.00 - 0.50
7-00094	70169	Cs-137	0.484	0.0174	0.0285	0.207	0.00 - 0.50
7-00094	70169	Eu-152	0.0017 UJ	0.0485	0.0165	0.0566	0.00 - 0.50
7-00094	70169	Eu-154	0.0279 U	0.0986	0.0297	0.15	0.00 - 0.50
7-00094	70169	Eu-155	0.0801 JS	0.0752	0.029	0.231	0.00 - 0.50
7-00094	70169	Ho-166m	0.0005 U	0.0256	0.0075	0.0432	0.00 - 0.50
7-00094	70169	K-40	22.1	0.142	1.37	32.4	0.00 - 0.50
7-00094	70169	Na-22	0.0035 U	0.0233	0.0068	0.037	0.00 - 0.50
7-00094	70169	Nb-94	0.0011 U	0.0148	0.0043	0.0214	0.00 - 0.50
7-00094	70169	Np-236	0.0234 JS	0.0396	0.0129	0.047	0.00 - 0.50
7-00094	70169	Np-239	-0.0768 U	0.131	0.0448	0.139	0.00 - 0.50
7-00094	70169	Pa-231	-0.362 U	0.82	0.282	0.936	0.00 - 0.50
7-00094	70169	Pb-212	1.11	0.0347	0.074	2.69	0.00 - 0.50
7-00094	70169	Pb-214	0.821	0.0357	0.0436	1.7	0.00 - 0.50
7-00094	70169	Pu-236	-0.001 U	0.0181	0.0033	7.79	0.00 - 0.50
7-00094	70169	Pu-238	0.0066	0.006	0.0039	0.0415	0.00 - 0.50
7-00094	70169	Pu-239/240	0.0012 U	0.0174	0.0039	0.0404	0.00 - 0.50
7-00094	70169	Pu-244	0	0.006	0.0022	0.0313	0.00 - 0.50
7-00094	70169	Sb-125	0.0053 U	0.0472	0.0141	0.354	0.00 - 0.50
7-00094	70169	Sn-126	-0.0027 U	0.0162	0.0048	0.0237	0.00 - 0.50
7-00094	70169	Sr-90	0.132	0.192	0.0621	0.485	0.00 - 0.50
7-00094	70169	Th-228	1.03	0.0218	0.11	3.98	0.00 - 0.50
7-00094	70169	Th-229	0.0304	0.0206	0.0153	0.145	0.00 - 0.50
7-00094	70169	Th-230	0.752	0.0206	0.088	2.2	0.00 - 0.50
7-00094	70169	Th-232	1.01	0.0703	0.107	3.1	0.00 - 0.50
7-00094	70169	Th-234	1.31 J	0.388	0.333	3.19	0.00 - 0.50
7-00094	70169	Tl-208	0.328	0.017	0.0196	0.937	0.00 - 0.50
7-00094	70169	Tm-171	-10.5 U	18.8	6.1	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00094	70169	U-233/234	0.85	0.0224	0.0812	2.02	0.00 - 0.50
7-00094	70169	U-235/236	0.0522	0.0118	0.0155	0.151	0.00 - 0.50
7-00094	70169	U-238	0.781	0.0095	0.076	1.8	0.00 - 0.50
7-00095	70171	Ac-227	-0.0202 U	0.19	0.0591	0.217	0.00 - 0.50
7-00095	70171	Ac-228	0.9	0.111	0.0461	2.4	0.00 - 0.50
7-00095	70171	Am-241	-0.0069 U	0.0349	0.0068	0.0454	0.00 - 0.50
7-00095	70171	Bi-212	0.657 J	0.144	0.0828	2.15	0.00 - 0.50
7-00095	70171	Bi-214	0.673	0.0341	0.0366	1.59	0.00 - 0.50
7-00095	70171	Cd-113m	3.53 U	130	40	3030	0.00 - 0.50
7-00095	70171	Cm-243/244	0.0069	0.0192	0.0057	0.0443	0.00 - 0.50
7-00095	70171	Co-60	-0.0005 U	0.0219	0.0063	0.028	0.00 - 0.50
7-00095	70171	Cs-134	-0.0046 U	0.0174	0.0062	0.0864	0.00 - 0.50
7-00095	70171	Cs-137	1.78 J	0.0213	0.0962	0.207	0.00 - 0.50
7-00095	70171	Eu-152	-0.0219 U	0.0528	0.0165	0.0566	0.00 - 0.50
7-00095	70171	Eu-154	-0.0173 U	0.114	0.0341	0.15	0.00 - 0.50
7-00095	70171	Eu-155	0.0332 JS	0.0549	0.0177	0.231	0.00 - 0.50
7-00095	70171	Ho-166m	0.0078 U	0.0295	0.0085	0.0432	0.00 - 0.50
7-00095	70171	K-40	21.4	0.154	1.17	32.4	0.00 - 0.50
7-00095	70171	Na-22	-0.0136 U	0.024	0.0079	0.037	0.00 - 0.50
7-00095	70171	Nb-94	0.0046 U	0.0164	0.0047	0.0214	0.00 - 0.50
7-00095	70171	Np-236	0.0016 U	0.0296	0.0087	0.047	0.00 - 0.50
7-00095	70171	Np-239	-0.019 U	0.123	0.0382	0.139	0.00 - 0.50
7-00095	70171	Pa-231	-0.326 U	0.804	0.265	0.936	0.00 - 0.50
7-00095	70171	Pb-212	0.956	0.0329	0.055	2.69	0.00 - 0.50
7-00095	70171	Pb-214	0.714	0.0376	0.0366	1.7	0.00 - 0.50
7-00095	70171	Pu-236	0.0128	0.0312	0.0094	7.79	0.00 - 0.50
7-00095	70171	Pu-238	0.0102 U	0.0326	0.0093	0.0415	0.00 - 0.50
7-00095	70171	Pu-239/240	0.012	0.0081	0.006	0.0404	0.00 - 0.50
7-00095	70171	Pu-244	0.0008 U	0.019	0.0037	0.0313	0.00 - 0.50
7-00095	70171	Sb-125	0.0024 U	0.0565	0.0167	0.354	0.00 - 0.50
7-00095	70171	Sn-126	0.0043 U	0.0189	0.0054	0.0237	0.00 - 0.50
7-00095	70171	Sr-90	0.164 U	0.284	0.0894	0.485	0.00 - 0.50
7-00095	70171	Th-228	1.19	0.0871	0.118	3.98	0.00 - 0.50
7-00095	70171	Th-229	0.0343	0.0506	0.0183	0.145	0.00 - 0.50
7-00095	70171	Th-230	0.74	0.0186	0.0834	2.2	0.00 - 0.50
7-00095	70171	Th-232	1.09	0.0503	0.108	3.1	0.00 - 0.50
7-00095	70171	Th-234	1.1	0.215	0.106	3.19	0.00 - 0.50
7-00095	70171	Tl-208	0.303	0.0195	0.0202	0.937	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00095	70171	Tm-171	1.64 U	6.6	2.13	72.4	0.00 - 0.50
7-00095	70171	U-233/234	0.873	0.0282	0.119	2.02	0.00 - 0.50
7-00095	70171	U-235/236	0.103	0.0349	0.0374	0.151	0.00 - 0.50
7-00095	70171	U-238	0.555	0.0664	0.0892	1.8	0.00 - 0.50
7-00096	70173	Ac-227	0.0142 U	0.19	0.0581	0.217	0.00 - 0.50
7-00096	70173	Ac-228	1.2	0.0931	0.0581	2.4	0.00 - 0.50
7-00096	70173	Am-241	0.0154	0.0219	0.0079	0.0454	0.00 - 0.50
7-00096	70173	Bi-212	0.867	0.137	0.0794	2.15	0.00 - 0.50
7-00096	70173	Bi-214	1.05	0.0309	0.0491	1.59	0.00 - 0.50
7-00096	70173	Cd-113m	-65.2 U	123	41.5	3030	0.00 - 0.50
7-00096	70173	Cm-243/244	0.0036 U	0.0178	0.0044	0.0443	0.00 - 0.50
7-00096	70173	Co-60	0.0017 U	0.0185	0.0055	0.028	0.00 - 0.50
7-00096	70173	Cs-134	0.0068 U	0.0157	0.0055	0.0864	0.00 - 0.50
7-00096	70173	Cs-137	0.344 J	0.0178	0.021	0.207	0.00 - 0.50
7-00096	70173	Eu-152	-0.0147 U	0.0468	0.0146	0.0566	0.00 - 0.50
7-00096	70173	Eu-154	-0.0392 U	0.103	0.0325	0.15	0.00 - 0.50
7-00096	70173	Eu-155	0.112 JS	0.0637	0.0299	0.231	0.00 - 0.50
7-00096	70173	Ho-166m	-0.0011 U	0.0258	0.0078	0.0432	0.00 - 0.50
7-00096	70173	K-40	25.5	0.136	1.44	32.4	0.00 - 0.50
7-00096	70173	Na-22	-0.0026 U	0.0215	0.0076	0.037	0.00 - 0.50
7-00096	70173	Nb-94	0.0039 U	0.0149	0.0045	0.0214	0.00 - 0.50
7-00096	70173	Np-236	0.008 U	0.0351	0.0104	0.047	0.00 - 0.50
7-00096	70173	Np-239	0.0162 U	0.127	0.0387	0.139	0.00 - 0.50
7-00096	70173	Pa-231	-0.119 U	0.778	0.243	0.936	0.00 - 0.50
7-00096	70173	Pb-212	1.36	0.0327	0.0816	2.69	0.00 - 0.50
7-00096	70173	Pb-214	1.17	0.0337	0.0554	1.7	0.00 - 0.50
7-00096	70173	Pu-236	0.0066 U	0.0298	0.008	7.79	0.00 - 0.50
7-00096	70173	Pu-238	0.0146	0.0208	0.0075	0.0415	0.00 - 0.50
7-00096	70173	Pu-239/240	0.0297	0.0168	0.0094	0.0404	0.00 - 0.50
7-00096	70173	Pu-244	0.0026	0.0071	0.0026	0.0313	0.00 - 0.50
7-00096	70173	Sb-125	-0.0045 U	0.045	0.0133	0.354	0.00 - 0.50
7-00096	70173	Sn-126	0.001 U	0.017	0.0051	0.0237	0.00 - 0.50
7-00096	70173	Sr-90	0.129	0.102	0.0393	0.485	0.00 - 0.50
7-00096	70173	Th-228	1.05	0.155	0.121	3.98	0.00 - 0.50
7-00096	70173	Th-229	0.0081 UJ	0.075	0.0181	0.145	0.00 - 0.50
7-00096	70173	Th-230	0.693	0.0218	0.0857	2.2	0.00 - 0.50
7-00096	70173	Th-232	0.916	0.0746	0.103	3.1	0.00 - 0.50
7-00096	70173	Th-234	1.59 J	0.28	0.161	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00096	70173	Tl-208	0.39	0.0168	0.0232	0.937	0.00 - 0.50
7-00096	70173	Tm-171	5.15 U	13.3	4.68	72.4	0.00 - 0.50
7-00096	70173	U-233/234	0.932	0.0282	0.124	2.02	0.00 - 0.50
7-00096	70173	U-235/236	0.0293	0.0819	0.0242	0.151	0.00 - 0.50
7-00096	70173	U-238	0.848	0.082	0.117	1.8	0.00 - 0.50
7-00096	70174	Ac-227	0.0592 U	0.164	0.0498	0.217	1.00 - 3.50
7-00096	70174	Ac-228	1.1	0.0874	0.0532	2.4	1.00 - 3.50
7-00096	70174	Am-241	0.0038 U	0.019	0.0048	0.0454	1.00 - 3.50
7-00096	70174	Bi-212	0.719 J	0.116	0.0721	2.15	1.00 - 3.50
7-00096	70174	Bi-214	0.836	0.0276	0.0408	1.59	1.00 - 3.50
7-00096	70174	Cd-113m	38.7 U	108	33.6	3030	1.00 - 3.50
7-00096	70174	Cm-243/244	0.0007 U	0.0154	0.003	0.0443	1.00 - 3.50
7-00096	70174	Co-60	-0.0053 UJ	0.0161	0.005	0.028	1.00 - 3.50
7-00096	70174	Cs-134	0.006 U	0.0134	0.0046	0.0864	1.00 - 3.50
7-00096	70174	Cs-137	0.0183	0.015	0.0058	0.207	1.00 - 3.50
7-00096	70174	Eu-152	0.0021 U	0.04	0.0146	0.0566	1.00 - 3.50
7-00096	70174	Eu-154	-0.0302 U	0.089	0.0272	0.15	1.00 - 3.50
7-00096	70174	Eu-155	0.0649 JS	0.0581	0.023	0.231	1.00 - 3.50
7-00096	70174	Ho-166m	-0.0043 U	0.024	0.0072	0.0432	1.00 - 3.50
7-00096	70174	K-40	22.3	0.118	1.2	32.4	1.00 - 3.50
7-00096	70174	Na-22	-0.0076 U	0.0188	0.0059	0.037	1.00 - 3.50
7-00096	70174	Nb-94	0.0063 U	0.0146	0.0045	0.0214	1.00 - 3.50
7-00096	70174	Np-236	0.0079 U	0.0307	0.0095	0.047	1.00 - 3.50
7-00096	70174	Np-239	-0.0129 U	0.107	0.0316	0.139	1.00 - 3.50
7-00096	70174	Pa-231	-0.264 U	0.674	0.212	0.936	1.00 - 3.50
7-00096	70174	Pb-212	1.12	0.0279	0.0647	2.69	1.00 - 3.50
7-00096	70174	Pb-214	0.899	0.0291	0.0436	1.7	1.00 - 3.50
7-00096	70174	Pu-236	0.0035 U	0.0172	0.0043	7.79	1.00 - 3.50
7-00096	70174	Pu-238	0.0034 U	0.0168	0.0042	0.0415	1.00 - 3.50
7-00096	70174	Pu-239/240	0.0139	0.0168	0.0068	0.0404	1.00 - 3.50
7-00096	70174	Pu-244	-0.0019 U	0.0168	0.0033	0.0313	1.00 - 3.50
7-00096	70174	Sb-125	0.0016 U	0.0385	0.0116	0.354	1.00 - 3.50
7-00096	70174	Sn-126	0.002 U	0.0158	0.0047	0.0237	1.00 - 3.50
7-00096	70174	Sr-90	0.0911 U	0.226	0.0682	0.485	1.00 - 3.50
7-00096	70174	Th-228	1.28	0.0706	0.126	3.98	1.00 - 3.50
7-00096	70174	Th-229	0.0297	0.0201	0.0149	0.145	1.00 - 3.50
7-00096	70174	Th-230	1.04	0.0201	0.107	2.2	1.00 - 3.50
7-00096	70174	Th-232	1.42	0.0543	0.133	3.1	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00096	70174	Th-234	1.27	0.235	0.123	3.19	1.00 - 3.50
7-00096	70174	Tl-208	0.376	0.0145	0.0218	0.937	1.00 - 3.50
7-00096	70174	Tm-171	-2.03 U	9.79	3.3	72.4	1.00 - 3.50
7-00096	70174	U-233/234	0.965	0.0348	0.102	2.02	1.00 - 3.50
7-00096	70174	U-235/236	0.054	0.0183	0.0195	0.151	1.00 - 3.50
7-00096	70174	U-238	1.04	0.0148	0.107	1.8	1.00 - 3.50
7-00097	70175	Ac-227	0.187 J	0.278	0.0924	0.217	0.00 - 0.50
7-00097	70175	Ac-228	0.995	0.118	0.0568	2.4	0.00 - 0.50
7-00097	70175	Am-241	0.0105	0.0232	0.0072	0.0454	0.00 - 0.50
7-00097	70175	Bi-212	0.606 J	0.216	0.172	2.15	0.00 - 0.50
7-00097	70175	Bi-214	0.768	0.0373	0.0402	1.59	0.00 - 0.50
7-00097	70175	Cd-113m	-175 UJ	181	77.2	3030	0.00 - 0.50
7-00097	70175	Cm-243/244	0.0079 U	0.0345	0.0094	0.0443	0.00 - 0.50
7-00097	70175	Co-60	0.0026 U	0.023	0.0066	0.028	0.00 - 0.50
7-00097	70175	Cs-134	0.0299 JS	0.0217	0.01	0.0864	0.00 - 0.50
7-00097	70175	Cs-137	1.04 J	0.0209	0.06	0.207	0.00 - 0.50
7-00097	70175	Eu-152	-0.025 U	0.069	0.0417	0.0566	0.00 - 0.50
7-00097	70175	Eu-154	0.0995 JS	0.131	0.0442	0.15	0.00 - 0.50
7-00097	70175	Eu-155	0.0407 U	0.102	0.0323	0.231	0.00 - 0.50
7-00097	70175	Ho-166m	-0.0041 U	0.0318	0.0096	0.0432	0.00 - 0.50
7-00097	70175	K-40	24.2	0.158	1.57	32.4	0.00 - 0.50
7-00097	70175	Na-22	0.0059 U	0.0279	0.0082	0.037	0.00 - 0.50
7-00097	70175	Nb-94	0.0075 U	0.0182	0.0056	0.0214	0.00 - 0.50
7-00097	70175	Np-236	-0.011 U	0.054	0.0167	0.047	0.00 - 0.50
7-00097	70175	Np-239	-0.12 U	0.185	0.0642	0.139	0.00 - 0.50
7-00097	70175	Pa-231	-1.09 UJ	1.14	0.434	0.936	0.00 - 0.50
7-00097	70175	Pb-212	1.1	0.0483	0.0814	2.69	0.00 - 0.50
7-00097	70175	Pb-214	0.821	0.048	0.0481	1.7	0.00 - 0.50
7-00097	70175	Pu-236	0.0175	0.0079	0.0072	7.79	0.00 - 0.50
7-00097	70175	Pu-238	0.0167	0.0348	0.0108	0.0415	0.00 - 0.50
7-00097	70175	Pu-239/240	0.0204	0.0179	0.0083	0.0404	0.00 - 0.50
7-00097	70175	Pu-244	0.0064	0.0179	0.0053	0.0313	0.00 - 0.50
7-00097	70175	Sb-125	0.0072 U	0.0649	0.0193	0.354	0.00 - 0.50
7-00097	70175	Sn-126	-0.0125 U	0.0196	0.0067	0.0237	0.00 - 0.50
7-00097	70175	Sr-90	-0.013 U	0.156	0.0405	0.485	0.00 - 0.50
7-00097	70175	Th-228	0.967	0.106	0.102	3.98	0.00 - 0.50
7-00097	70175	Th-229	-0.0063 U	0.0892	0.021	0.145	0.00 - 0.50
7-00097	70175	Th-230	2	0.0465	0.162	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00097	70175	Th-232	0.982	0.0678	0.0983	3.1	0.00 - 0.50
7-00097	70175	Th-234	1.23 J	0.51	0.363	3.19	0.00 - 0.50
7-00097	70175	Tl-208	0.384	0.0218	0.0244	0.937	0.00 - 0.50
7-00097	70175	Tm-171	17.9 J	26.8	10.3	72.4	0.00 - 0.50
7-00097	70175	U-233/234	0.891	0.0433	0.103	2.02	0.00 - 0.50
7-00097	70175	U-235/236	0.0611	0.0535	0.0249	0.151	0.00 - 0.50
7-00097	70175	U-238	0.907	0.0535	0.105	1.8	0.00 - 0.50
7-00098	70177	Ac-227	-0.155 UJ	0.18	0.0681	0.217	0.00 - 0.50
7-00098	70177	Ac-228	1.09	0.122	0.0553	2.4	0.00 - 0.50
7-00098	70177	Am-241	0	0.0062	0.0023	0.0454	0.00 - 0.50
7-00098	70177	Bi-212	0.876 J	0.161	0.102	2.15	0.00 - 0.50
7-00098	70177	Bi-214	0.818	0.0349	0.0425	1.59	0.00 - 0.50
7-00098	70177	Cd-113m	-8.66 U	123	38	3030	0.00 - 0.50
7-00098	70177	Cm-243/244	-0.0033 U	0.0182	0.0033	0.0443	0.00 - 0.50
7-00098	70177	Co-60	0.0097 U	0.0241	0.007	0.028	0.00 - 0.50
7-00098	70177	Cs-134	0.0103 JS	0.0184	0.0065	0.0864	0.00 - 0.50
7-00098	70177	Cs-137	0.119 J	0.0236	0.0121	0.207	0.00 - 0.50
7-00098	70177	Eu-152	-0.017 U	0.0482	0.0153	0.0566	0.00 - 0.50
7-00098	70177	Eu-154	-0.0063 U	0.13	0.0385	0.15	0.00 - 0.50
7-00098	70177	Eu-155	0.0423 JS	0.0557	0.0189	0.231	0.00 - 0.50
7-00098	70177	Ho-166m	-0.0065 U	0.0309	0.0091	0.0432	0.00 - 0.50
7-00098	70177	K-40	24.8	0.175	1.36	32.4	0.00 - 0.50
7-00098	70177	Na-22	-0.0126 U	0.0283	0.0089	0.037	0.00 - 0.50
7-00098	70177	Nb-94	0.0051 U	0.0189	0.0055	0.0214	0.00 - 0.50
7-00098	70177	Np-236	-0.0183 U	0.0296	0.0108	0.047	0.00 - 0.50
7-00098	70177	Np-239	-0.023 U	0.123	0.0384	0.139	0.00 - 0.50
7-00098	70177	Pa-231	-0.0449 U	0.788	0.245	0.936	0.00 - 0.50
7-00098	70177	Pb-212	1.19	0.0319	0.0676	2.69	0.00 - 0.50
7-00098	70177	Pb-214	0.832	0.0349	0.0406	1.7	0.00 - 0.50
7-00098	70177	Pu-236	0.0107 U	0.0334	0.0096	7.79	0.00 - 0.50
7-00098	70177	Pu-238	0.0029 U	0.026	0.0064	0.0415	0.00 - 0.50
7-00098	70177	Pu-239/240	0.0003 U	0.026	0.0058	0.0404	0.00 - 0.50
7-00098	70177	Pu-244	0.0162	0.0165	0.0072	0.0313	0.00 - 0.50
7-00098	70177	Sb-125	0.0086 U	0.0502	0.0148	0.354	0.00 - 0.50
7-00098	70177	Sn-126	0.0048 U	0.0208	0.006	0.0237	0.00 - 0.50
7-00098	70177	Sr-90	-0.0258 U	0.262	0.0693	0.485	0.00 - 0.50
7-00098	70177	Th-228	1.27	0.0549	0.124	3.98	0.00 - 0.50
7-00098	70177	Th-229	0.0211 U	0.0756	0.0211	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00098	70177	Th-230	0.63	0.019	0.0762	2.2	0.00 - 0.50
7-00098	70177	Th-232	1.09	0.0514	0.109	3.1	0.00 - 0.50
7-00098	70177	Th-234	1.17	0.22	0.111	3.19	0.00 - 0.50
7-00098	70177	Tl-208	0.374	0.02	0.0234	0.937	0.00 - 0.50
7-00098	70177	Tm-171	-2.03 U	6.85	2.26	72.4	0.00 - 0.50
7-00098	70177	U-233/234	0.777	0.0469	0.0856	2.02	0.00 - 0.50
7-00098	70177	U-235/236	0.0402	0.0408	0.0178	0.151	0.00 - 0.50
7-00098	70177	U-238	0.72	0.014	0.0805	1.8	0.00 - 0.50
7-00098	70178	Ac-227	-0.0814 U	0.155	0.0501	0.217	1.00 - 2.33
7-00098	70178	Ac-228	1.03	0.0806	0.0496	2.4	1.00 - 2.33
7-00098	70178	Am-241	0.0029 U	0.0144	0.0036	0.0454	1.00 - 2.33
7-00098	70178	Bi-212	0.791	0.106	0.0639	2.15	1.00 - 2.33
7-00098	70178	Bi-214	0.76	0.0257	0.0366	1.59	1.00 - 2.33
7-00098	70178	Cd-113m	-47.3 U	104	34	3030	1.00 - 2.33
7-00098	70178	Cm-243/244	-0.0049 U	0.0205	0.0036	0.0443	1.00 - 2.33
7-00098	70178	Co-60	0.002 U	0.0154	0.0044	0.028	1.00 - 2.33
7-00098	70178	Cs-134	0.0046 U	0.0123	0.0043	0.0864	1.00 - 2.33
7-00098	70178	Cs-137	0.108	0.0155	0.0089	0.207	1.00 - 2.33
7-00098	70178	Eu-152	-0.0082 U	0.0385	0.0121	0.0566	1.00 - 2.33
7-00098	70178	Eu-154	-0.0122 U	0.0856	0.0257	0.15	1.00 - 2.33
7-00098	70178	Eu-155	0.0092 U	0.055	0.0168	0.231	1.00 - 2.33
7-00098	70178	Ho-166m	-0.0054 U	0.0213	0.0064	0.0432	1.00 - 2.33
7-00098	70178	K-40	25.2	0.108	1.42	32.4	1.00 - 2.33
7-00098	70178	Na-22	0.0017 U	0.0175	0.0053	0.037	1.00 - 2.33
7-00098	70178	Nb-94	0.0066 SJ	0.013	0.004	0.0214	1.00 - 2.33
7-00098	70178	Np-236	-0.0137 U	0.0299	0.0098	0.047	1.00 - 2.33
7-00098	70178	Np-239	-0.0419 U	0.104	0.0324	0.139	1.00 - 2.33
7-00098	70178	Pa-231	0.165 U	0.664	0.198	0.936	1.00 - 2.33
7-00098	70178	Pb-212	1.16	0.0256	0.0701	2.69	1.00 - 2.33
7-00098	70178	Pb-214	0.843	0.0277	0.0415	1.7	1.00 - 2.33
7-00098	70178	Pu-236	0.0026 U	0.0236	0.0058	7.79	1.00 - 2.33
7-00098	70178	Pu-238	-0.0033 U	0.0183	0.0033	0.0415	1.00 - 2.33
7-00098	70178	Pu-239/240	0.0013 U	0.0183	0.004	0.0404	1.00 - 2.33
7-00098	70178	Pu-244	-0.0017 U	0.0148	0.0029	0.0313	1.00 - 2.33
7-00098	70178	Sb-125	-0.0016 U	0.0348	0.0104	0.354	1.00 - 2.33
7-00098	70178	Sn-126	-0.0025 U	0.0141	0.0042	0.0237	1.00 - 2.33
7-00098	70178	Sr-90	-0.0029 U	0.167	0.0452	0.485	1.00 - 2.33
7-00098	70178	Th-228	1.05	0.107	0.112	3.98	1.00 - 2.33

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00098	70178	Th-229	0.0448	0.0693	0.0237	0.145	1.00 - 2.33
7-00098	70178	Th-230	0.833	0.0691	0.0941	2.2	1.00 - 2.33
7-00098	70178	Th-232	1.28	0.0689	0.125	3.1	1.00 - 2.33
7-00098	70178	Th-234	1.18 J	0.229	0.12	3.19	1.00 - 2.33
7-00098	70178	Tl-208	0.341	0.0129	0.0199	0.937	1.00 - 2.33
7-00098	70178	Tm-171	-8.76 UJ	8.53	3.6	72.4	1.00 - 2.33
7-00098	70178	U-233/234	0.789	0.0147	0.0874	2.02	1.00 - 2.33
7-00098	70178	U-235/236	0.0603	0.0182	0.0206	0.151	1.00 - 2.33
7-00098	70178	U-238	0.896	0.0345	0.0961	1.8	1.00 - 2.33
7-00099	70179	Ac-227	-0.0978 U	0.208	0.0766	0.217	0.00 - 0.50
7-00099	70179	Ac-228	1.26	0.0998	0.0652	2.4	0.00 - 0.50
7-00099	70179	Am-241	0.0029 U	0.0145	0.0036	0.0454	0.00 - 0.50
7-00099	70179	Bi-212	0.807	0.135	0.074	2.15	0.00 - 0.50
7-00099	70179	Bi-214	1.03	0.0305	0.0483	1.59	0.00 - 0.50
7-00099	70179	Cd-113m	-11.7 U	139	55.2	3030	0.00 - 0.50
7-00099	70179	Cm-243/244	0.0019 U	0.0207	0.0049	0.0443	0.00 - 0.50
7-00099	70179	Co-60	-0.0081 U	0.0162	0.0052	0.028	0.00 - 0.50
7-00099	70179	Cs-134	0.0053 U	0.016	0.0055	0.0864	0.00 - 0.50
7-00099	70179	Cs-137	0.124 J	0.019	0.0125	0.207	0.00 - 0.50
7-00099	70179	Eu-152	0.0191 U	0.0509	0.0205	0.0566	0.00 - 0.50
7-00099	70179	Eu-154	-0.0107 U	0.0978	0.0294	0.15	0.00 - 0.50
7-00099	70179	Eu-155	0.129 JS	0.0768	0.0309	0.231	0.00 - 0.50
7-00099	70179	Ho-166m	-0.0011 U	0.0264	0.0078	0.0432	0.00 - 0.50
7-00099	70179	K-40	21.6	0.122	1.42	32.4	0.00 - 0.50
7-00099	70179	Na-22	-0.0062 U	0.0212	0.0064	0.037	0.00 - 0.50
7-00099	70179	Nb-94	-0.0047 U	0.0147	0.0045	0.0214	0.00 - 0.50
7-00099	70179	Np-236	-0.0155 U	0.0411	0.0145	0.047	0.00 - 0.50
7-00099	70179	Np-239	0.0065 U	0.145	0.0431	0.139	0.00 - 0.50
7-00099	70179	Pa-231	-0.005 U	0.87	0.301	0.936	0.00 - 0.50
7-00099	70179	Pb-212	1.51	0.0377	0.101	2.69	0.00 - 0.50
7-00099	70179	Pb-214	1.16	0.0356	0.0585	1.7	0.00 - 0.50
7-00099	70179	Pu-236	-0.0009 U	0.0313	0.0072	7.79	0.00 - 0.50
7-00099	70179	Pu-238	0.0066 U	0.0203	0.0058	0.0415	0.00 - 0.50
7-00099	70179	Pu-239/240	0.0099	0.0233	0.0071	0.0404	0.00 - 0.50
7-00099	70179	Pu-244	0.0026	0.007	0.0026	0.0313	0.00 - 0.50
7-00099	70179	Sb-125	0.0285 JS	0.0482	0.0157	0.354	0.00 - 0.50
7-00099	70179	Sn-126	-0.0008 U	0.0173	0.0051	0.0237	0.00 - 0.50
7-00099	70179	Sr-90	-0.0434 U	0.185	0.0439	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00099	70179	Th-228	1.13	0.099	0.106	3.98	0.00 - 0.50
7-00099	70179	Th-229	0.0107 U	0.0645	0.017	0.145	0.00 - 0.50
7-00099	70179	Th-230	0.889	0.0145	0.0854	2.2	0.00 - 0.50
7-00099	70179	Th-232	1.06	0.0393	0.0967	3.1	0.00 - 0.50
7-00099	70179	Th-234	1.34 J	0.336	0.162	3.19	0.00 - 0.50
7-00099	70179	Tl-208	0.453	0.0165	0.026	0.937	0.00 - 0.50
7-00099	70179	Tm-171	-6.66 U	16.8	6.18	72.4	0.00 - 0.50
7-00099	70179	U-233/234	1.1	0.0192	0.122	2.02	0.00 - 0.50
7-00099	70179	U-235/236	0.035	0.0237	0.0177	0.151	0.00 - 0.50
7-00099	70179	U-238	1.13	0.0447	0.124	1.8	0.00 - 0.50
7-00100	70181	Ac-227	-0.0407 U	0.203	0.0617	0.217	0.00 - 0.50
7-00100	70181	Ac-228	1.11	0.102	0.0557	2.4	0.00 - 0.50
7-00100	70181	Am-241	0.0104	0.0155	0.0058	0.0454	0.00 - 0.50
7-00100	70181	Bi-212	0.88	0.137	0.0846	2.15	0.00 - 0.50
7-00100	70181	Bi-214	0.826	0.0312	0.0409	1.59	0.00 - 0.50
7-00100	70181	Cd-113m	-28.5 U	131	43	3030	0.00 - 0.50
7-00100	70181	Cm-243/244	0.0119	0.0222	0.0072	0.0443	0.00 - 0.50
7-00100	70181	Co-60	-0.0048 U	0.0186	0.0057	0.028	0.00 - 0.50
7-00100	70181	Cs-134	0.0014 U	0.0162	0.0055	0.0864	0.00 - 0.50
7-00100	70181	Cs-137	0.0346	0.0177	0.0087	0.207	0.00 - 0.50
7-00100	70181	Eu-152	-0.0185 U	0.0492	0.0157	0.0566	0.00 - 0.50
7-00100	70181	Eu-154	-0.0505 U	0.105	0.0336	0.15	0.00 - 0.50
7-00100	70181	Eu-155	0.0494 JS	0.0742	0.0253	0.231	0.00 - 0.50
7-00100	70181	Ho-166m	-0.0135 U	0.0264	0.0087	0.0432	0.00 - 0.50
7-00100	70181	K-40	22.2	0.136	1.37	32.4	0.00 - 0.50
7-00100	70181	Na-22	-0.0183 UJ	0.0224	0.0083	0.037	0.00 - 0.50
7-00100	70181	Nb-94	0.0099 JS	0.0165	0.0053	0.0214	0.00 - 0.50
7-00100	70181	Np-236	-0.0076 U	0.0379	0.0118	0.047	0.00 - 0.50
7-00100	70181	Np-239	-0.0611 U	0.132	0.0422	0.139	0.00 - 0.50
7-00100	70181	Pa-231	-0.384 U	0.813	0.272	0.936	0.00 - 0.50
7-00100	70181	Pb-212	1.29	0.0354	0.0836	2.69	0.00 - 0.50
7-00100	70181	Pb-214	0.894	0.0355	0.0449	1.7	0.00 - 0.50
7-00100	70181	Pu-236	-0.0007 U	0.0244	0.0056	7.79	0.00 - 0.50
7-00100	70181	Pu-238	0.0063 U	0.0201	0.0057	0.0415	0.00 - 0.50
7-00100	70181	Pu-239/240	0.0083	0.0201	0.0061	0.0404	0.00 - 0.50
7-00100	70181	Pu-244	0.002	0.0054	0.002	0.0313	0.00 - 0.50
7-00100	70181	Sb-125	0.019 U	0.0472	0.0148	0.354	0.00 - 0.50
7-00100	70181	Sn-126	-0.0064 U	0.0176	0.0056	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00100	70181	Sr-90	0.228	0.217	0.075	0.485	0.00 - 0.50
7-00100	70181	Th-228	1.07	0.0867	0.114	3.98	0.00 - 0.50
7-00100	70181	Th-229	0.0303 U	0.0817	0.024	0.145	0.00 - 0.50
7-00100	70181	Th-230	0.764	0.0205	0.0886	2.2	0.00 - 0.50
7-00100	70181	Th-232	1.34	0.0555	0.129	3.1	0.00 - 0.50
7-00100	70181	Th-234	1.19 J	0.307	0.162	3.19	0.00 - 0.50
7-00100	70181	Tl-208	0.374	0.0172	0.0228	0.937	0.00 - 0.50
7-00100	70181	Tm-171	-3.14 U	16.8	5.75	72.4	0.00 - 0.50
7-00100	70181	U-233/234	0.703	0.037	0.0826	2.02	0.00 - 0.50
7-00100	70181	U-235/236	0.0431	0.0195	0.0179	0.151	0.00 - 0.50
7-00100	70181	U-238	0.765	0.0459	0.0879	1.8	0.00 - 0.50
7-00101	70183	Ac-227	-0.0771 U	0.167	0.0526	0.217	0.00 - 0.50
7-00101	70183	Ac-228	0.962	0.0792	0.0472	2.4	0.00 - 0.50
7-00101	70183	Am-241	0.0118	0.0239	0.0075	0.0454	0.00 - 0.50
7-00101	70183	Bi-212	0.775	0.108	0.064	2.15	0.00 - 0.50
7-00101	70183	Bi-214	0.786	0.0254	0.0372	1.59	0.00 - 0.50
7-00101	70183	Cd-113m	5.68 U	114	34.2	3030	0.00 - 0.50
7-00101	70183	Cm-243/244	0.0161	0.014	0.0065	0.0443	0.00 - 0.50
7-00101	70183	Co-60	0.0202 J	0.0167	0.0087	0.028	0.00 - 0.50
7-00101	70183	Cs-134	0.0042 U	0.0127	0.0044	0.0864	0.00 - 0.50
7-00101	70183	Cs-137	1.54	0.0153	0.0819	0.207	0.00 - 0.50
7-00101	70183	Eu-152	-0.0041 U	0.0429	0.0131	0.0566	0.00 - 0.50
7-00101	70183	Eu-154	-0.012 U	0.0781	0.0269	0.15	0.00 - 0.50
7-00101	70183	Eu-155	0.0767 JS	0.0565	0.022	0.231	0.00 - 0.50
7-00101	70183	Ho-166m	-0.0029 U	0.0199	0.0061	0.0432	0.00 - 0.50
7-00101	70183	K-40	21.3	0.0988	1.19	32.4	0.00 - 0.50
7-00101	70183	Na-22	-0.004 U	0.0178	0.0055	0.037	0.00 - 0.50
7-00101	70183	Nb-94	0.0035 U	0.0118	0.0036	0.0214	0.00 - 0.50
7-00101	70183	Np-236	0.0053 U	0.031	0.0094	0.047	0.00 - 0.50
7-00101	70183	Np-239	-0.0223 U	0.112	0.0356	0.139	0.00 - 0.50
7-00101	70183	Pa-231	0.166 U	0.713	0.217	0.936	0.00 - 0.50
7-00101	70183	Pb-212	1.14	0.029	0.0673	2.69	0.00 - 0.50
7-00101	70183	Pb-214	0.883	0.0305	0.0429	1.7	0.00 - 0.50
7-00101	70183	Pu-236	-0.0025 UJ	0.0219	0.0042	7.79	0.00 - 0.50
7-00101	70183	Pu-238	0.0066	0.009	0.0047	0.0415	0.00 - 0.50
7-00101	70183	Pu-239/240	0.0109	0.0211	0.0071	0.0404	0.00 - 0.50
7-00101	70183	Pu-244	0.0066	0.009	0.0047	0.0313	0.00 - 0.50
7-00101	70183	Sb-125	0.0239 JS	0.0426	0.0136	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00101	70183	Sn-126	0.0021 U	0.0133	0.004	0.0237	0.00 - 0.50
7-00101	70183	Sr-90	0.193	0.279	0.0903	0.485	0.00 - 0.50
7-00101	70183	Th-228	1.09	0.0647	0.103	3.98	0.00 - 0.50
7-00101	70183	Th-229	0.0288	0.0156	0.013	0.145	0.00 - 0.50
7-00101	70183	Th-230	0.769	0.0618	0.0807	2.2	0.00 - 0.50
7-00101	70183	Th-232	1.1	0.0421	0.101	3.1	0.00 - 0.50
7-00101	70183	Th-234	1.19 J	0.237	0.131	3.19	0.00 - 0.50
7-00101	70183	Tl-208	0.364	0.0135	0.0214	0.937	0.00 - 0.50
7-00101	70183	Tm-171	1.54 U	10.4	3.46	72.4	0.00 - 0.50
7-00101	70183	U-233/234	0.974	0.0462	0.105	2.02	0.00 - 0.50
7-00101	70183	U-235/236	0.0579	0.0196	0.0209	0.151	0.00 - 0.50
7-00101	70183	U-238	0.923	0.0462	0.101	1.8	0.00 - 0.50
7-00102	70185	Ac-227	0.029 U	0.178	0.0542	0.217	1.00 - 5.00
7-00102	70185	Ac-228	1.21	0.0903	0.0591	2.4	1.00 - 5.00
7-00102	70185	Am-241	0.0031 U	0.0155	0.0039	0.0454	1.00 - 5.00
7-00102	70185	Bi-212	0.773	0.127	0.0761	2.15	1.00 - 5.00
7-00102	70185	Bi-214	0.96	0.0259	0.0448	1.59	1.00 - 5.00
7-00102	70185	C-14	-0.249 U	0.737	0.217	2.96	1.00 - 5.00
7-00102	70185	Cd-113m	6.63 U	118	40.9	3030	1.00 - 5.00
7-00102	70185	Cm-243/244	0.0049	0.0066	0.0035	0.0443	1.00 - 5.00
7-00102	70185	Co-60	0.0039 U	0.0168	0.005	0.028	1.00 - 5.00
7-00102	70185	Cs-134	0.0046 U	0.0135	0.0047	0.0864	1.00 - 5.00
7-00102	70185	Cs-137	-0.0103 U	0.0156	0.0054	0.207	1.00 - 5.00
7-00102	70185	Eu-152	0.004 U	0.043	0.0151	0.0566	1.00 - 5.00
7-00102	70185	Eu-154	-0.0506 U	0.0904	0.0298	0.15	1.00 - 5.00
7-00102	70185	Eu-155	0.0713 JS	0.0605	0.0239	0.231	1.00 - 5.00
7-00102	70185	H-3	-0.126 U	7.89	2.18	11.9	1.00 - 5.00
7-00102	70185	Ho-166m	-0.0037 U	0.0238	0.0072	0.0432	1.00 - 5.00
7-00102	70185	K-40	23.2	0.127	1.38	32.4	1.00 - 5.00
7-00102	70185	Na-22	-0.0057 U	0.0197	0.0061	0.037	1.00 - 5.00
7-00102	70185	Nb-94	-0.0024 U	0.0137	0.0042	0.0214	1.00 - 5.00
7-00102	70185	Ni-59	0.294 U	5.82	1.47	5.96	1.00 - 5.00
7-00102	70185	Ni-63	-0.465 U	1.67	0.489	4.92	1.00 - 5.00
7-00102	70185	Np-236	-0.0056 U	0.0333	0.0102	0.047	1.00 - 5.00
7-00102	70185	Np-239	-0.0088 U	0.119	0.0361	0.139	1.00 - 5.00
7-00102	70185	Pa-231	0.0844 U	0.726	0.229	0.936	1.00 - 5.00
7-00102	70185	Pb-212	1.37	0.0306	0.0838	2.69	1.00 - 5.00
7-00102	70185	Pb-214	1.03	0.0298	0.0506	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00102	70185	Pu-236	0.0041 U	0.0319	0.0081	7.79	1.00 - 5.00
7-00102	70185	Pu-238	0.0007 U	0.037	0.009	0.0415	1.00 - 5.00
7-00102	70185	Pu-239/240	0.0149	0.018	0.0073	0.0404	1.00 - 5.00
7-00102	70185	Pu-244	0.0008 U	0.018	0.0035	0.0313	1.00 - 5.00
7-00102	70185	Sb-125	0.0194 U	0.0411	0.0126	0.354	1.00 - 5.00
7-00102	70185	Sn-126	-0.0053 U	0.0154	0.0049	0.0237	1.00 - 5.00
7-00102	70185	Sr-90	0.0326 U	0.207	0.0588	0.485	1.00 - 5.00
7-00102	70185	Tc-99	-0.211 U	1.06	0.31	1.63	1.00 - 5.00
7-00102	70185	Th-228	1.1	0.119	0.113	3.98	1.00 - 5.00
7-00102	70185	Th-229	0.0743	0.0183	0.0228	0.145	1.00 - 5.00
7-00102	70185	Th-230	0.768	0.0183	0.0848	2.2	1.00 - 5.00
7-00102	70185	Th-232	1.14	0.0495	0.11	3.1	1.00 - 5.00
7-00102	70185	Th-234	1.42	0.264	0.136	3.19	1.00 - 5.00
7-00102	70185	Tl-208	0.421	0.0153	0.0238	0.937	1.00 - 5.00
7-00102	70185	Tm-171	-1.12 U	10.8	3.78	72.4	1.00 - 5.00
7-00102	70185	U-233/234	0.791	0.0486	0.0813	2.02	1.00 - 5.00
7-00102	70185	U-235/236	0.0337	0.0405	0.0156	0.151	1.00 - 5.00
7-00102	70185	U-238	1.01	0.0265	0.0971	1.8	1.00 - 5.00
7-00103	70186	Ac-227	0.0679 U	0.194	0.0595	0.217	14.00 - 19.00
7-00103	70186	Ac-228	1.12	0.0885	0.0566	2.4	14.00 - 19.00
7-00103	70186	Am-241	-0.0035 U	0.0191	0.0035	0.0454	14.00 - 19.00
7-00103	70186	Bi-212	0.703	0.123	0.0677	2.15	14.00 - 19.00
7-00103	70186	Bi-214	0.84	0.0273	0.0433	1.59	14.00 - 19.00
7-00103	70186	C-14	-0.0279 U	0.716	0.213	2.96	14.00 - 19.00
7-00103	70186	Cd-113m	-8.66 U	130	45	3030	14.00 - 19.00
7-00103	70186	Cm-243/244	0.0007 U	0.0155	0.003	0.0443	14.00 - 19.00
7-00103	70186	Co-60	-0.0124 UJ	0.0153	0.0056	0.028	14.00 - 19.00
7-00103	70186	Cs-134	0.0132 JS	0.0149	0.0057	0.0864	14.00 - 19.00
7-00103	70186	Cs-137	0.0024 U	0.016	0.0047	0.207	14.00 - 19.00
7-00103	70186	Eu-152	0.015 U	0.0471	0.0188	0.0566	14.00 - 19.00
7-00103	70186	Eu-154	-0.071 UJ	0.089	0.0326	0.15	14.00 - 19.00
7-00103	70186	Eu-155	0.0962 JS	0.0713	0.025	0.231	14.00 - 19.00
7-00103	70186	H-3	-0.527 U	8.5	2.51	11.9	14.00 - 19.00
7-00103	70186	Ho-166m	0.0131 JS	0.0252	0.0079	0.0432	14.00 - 19.00
7-00103	70186	K-40	21.2	0.106	1.39	32.4	14.00 - 19.00
7-00103	70186	Na-22	-0.0099 U	0.0196	0.0063	0.037	14.00 - 19.00
7-00103	70186	Nb-94	0.0051 U	0.0139	0.0042	0.0214	14.00 - 19.00
7-00103	70186	Ni-59	-0.251 U	3.52	0.944	5.96	14.00 - 19.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00103	70186	Ni-63	-0.0133 U	1.22	0.362	4.92	14.00 - 19.00
7-00103	70186	Np-236	-0.0033 U	0.038	0.0123	0.047	14.00 - 19.00
7-00103	70186	Np-239	-0.0194 U	0.132	0.0397	0.139	14.00 - 19.00
7-00103	70186	Pa-231	-0.223 U	0.788	0.268	0.936	14.00 - 19.00
7-00103	70186	Pb-212	1.31	0.0337	0.0876	2.69	14.00 - 19.00
7-00103	70186	Pb-214	1.01	0.0323	0.0513	1.7	14.00 - 19.00
7-00103	70186	Pu-238	0.0091	0.0062	0.0046	0.0415	14.00 - 19.00
7-00103	70186	Pu-239/240	0	0.0062	0.0023	0.0404	14.00 - 19.00
7-00103	70186	Pu-244	0.0023	0.0062	0.0023	0.0313	14.00 - 19.00
7-00103	70186	Sb-125	0.0194 U	0.043	0.0136	0.354	14.00 - 19.00
7-00103	70186	Sn-126	-0.0007 U	0.0157	0.0046	0.0237	14.00 - 19.00
7-00103	70186	Sr-90	0.0247 U	0.163	0.0451	0.485	14.00 - 19.00
7-00103	70186	Tc-99	0.381 U	1.08	0.325	1.63	14.00 - 19.00
7-00103	70186	Th-228	1.25	0.0893	0.128	3.98	14.00 - 19.00
7-00103	70186	Th-229	0.0546	0.0574	0.0236	0.145	14.00 - 19.00
7-00103	70186	Th-230	0.872	0.0723	0.0989	2.2	14.00 - 19.00
7-00103	70186	Th-232	1.02	0.0721	0.109	3.1	14.00 - 19.00
7-00103	70186	Th-234	1.08 J	0.302	0.14	3.19	14.00 - 19.00
7-00103	70186	Tl-208	0.394	0.0159	0.0227	0.937	14.00 - 19.00
7-00103	70186	Tm-171	-13.1 UJ	15.3	6.32	72.4	14.00 - 19.00
7-00103	70186	U-233/234	0.825	0.0097	0.0794	2.02	14.00 - 19.00
7-00103	70186	U-235/236	0.0397	0.012	0.0135	0.151	14.00 - 19.00
7-00103	70186	U-238	0.893	0.0227	0.0845	1.8	14.00 - 19.00
7-00104	70187	Ac-227	-0.027 U	0.21	0.0643	0.217	15.00 - 20.00
7-00104	70187	Ac-228	1.23	0.107	0.0614	2.4	15.00 - 20.00
7-00104	70187	Am-241	-0.0028 U	0.0248	0.0053	0.0454	15.00 - 20.00
7-00104	70187	Bi-212	0.878 J	0.14	0.0902	2.15	15.00 - 20.00
7-00104	70187	Bi-214	0.969	0.0325	0.0468	1.59	15.00 - 20.00
7-00104	70187	C-14	0.16 U	0.685	0.206	2.96	15.00 - 20.00
7-00104	70187	Cd-113m	-18.7 U	138	45.7	3030	15.00 - 20.00
7-00104	70187	Cm-243/244	-0.0041 U	0.0317	0.0073	0.0443	15.00 - 20.00
7-00104	70187	Co-60	0.0062 U	0.0207	0.006	0.028	15.00 - 20.00
7-00104	70187	Cs-134	0.0057 U	0.0158	0.0054	0.0864	15.00 - 20.00
7-00104	70187	Cs-137	-0.0045 U	0.0184	0.0056	0.207	15.00 - 20.00
7-00104	70187	Eu-152	-0.0321 U	0.05	0.0187	0.0566	15.00 - 20.00
7-00104	70187	Eu-154	-0.0515 U	0.107	0.0355	0.15	15.00 - 20.00
7-00104	70187	Eu-155	0.0793 SJ	0.0766	0.0291	0.231	15.00 - 20.00
7-00104	70187	H-3	1.76 U	7.15	2.04	11.9	15.00 - 20.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00104	70187	Ho-166m	-0.0055 U	0.028	0.0085	0.0432	15.00 - 20.00
7-00104	70187	K-40	24.3	0.126	1.42	32.4	15.00 - 20.00
7-00104	70187	Na-22	-0.009 U	0.0227	0.0071	0.037	15.00 - 20.00
7-00104	70187	Nb-94	-0.0006 U	0.0166	0.0049	0.0214	15.00 - 20.00
7-00104	70187	Ni-59	-1.08 U	5.89	1.63	5.96	15.00 - 20.00
7-00104	70187	Ni-63	1.14	1.47	0.467	4.92	15.00 - 20.00
7-00104	70187	Np-236	-0.0111 U	0.0393	0.012	0.047	15.00 - 20.00
7-00104	70187	Np-239	-0.0063 U	0.141	0.0427	0.139	15.00 - 20.00
7-00104	70187	Pa-231	-0.391 U	0.871	0.285	0.936	15.00 - 20.00
7-00104	70187	Pb-212	1.37	0.0357	0.0835	2.69	15.00 - 20.00
7-00104	70187	Pb-214	1.02	0.0372	0.0501	1.7	15.00 - 20.00
7-00104	70187	Pu-236	0	0.006	0.0022	7.79	15.00 - 20.00
7-00104	70187	Pu-238	0	0.0059	0.0022	0.0415	15.00 - 20.00
7-00104	70187	Pu-239/240	-0.0003 U	0.0196	0.0041	0.0404	15.00 - 20.00
7-00104	70187	Pu-244	0.0065	0.0059	0.0038	0.0313	15.00 - 20.00
7-00104	70187	Sb-125	0.004 U	0.0472	0.0137	0.354	15.00 - 20.00
7-00104	70187	Sn-126	-0.0014 U	0.0182	0.0054	0.0237	15.00 - 20.00
7-00104	70187	Sr-90	-0.0882 U	0.249	0.0556	0.485	15.00 - 20.00
7-00104	70187	Tc-99	-0.183 U	1.12	0.327	1.63	15.00 - 20.00
7-00104	70187	Th-228	1.21	0.115	0.118	3.98	15.00 - 20.00
7-00104	70187	Th-229	0.0635	0.0172	0.0204	0.145	15.00 - 20.00
7-00104	70187	Th-230	0.798	0.0172	0.085	2.2	15.00 - 20.00
7-00104	70187	Th-232	1.17	0.0171	0.11	3.1	15.00 - 20.00
7-00104	70187	Th-234	1.67 J	0.327	0.189	3.19	15.00 - 20.00
7-00104	70187	Tl-208	0.443	0.0177	0.026	0.937	15.00 - 20.00
7-00104	70187	Tm-171	1.33 U	14.9	5.32	72.4	15.00 - 20.00
7-00104	70187	U-233/234	0.932	0.0233	0.088	2.02	15.00 - 20.00
7-00104	70187	U-235/236	0.0239	0.0288	0.0117	0.151	15.00 - 20.00
7-00104	70187	U-238	0.886	0.0099	0.0845	1.8	15.00 - 20.00
7-00105	70188	Ac-227	-0.0303 U	0.166	0.0491	0.217	1.00 - 5.00
7-00105	70188	Ac-228	1.15	0.0863	0.0559	2.4	1.00 - 5.00
7-00105	70188	Am-241	-0.0009 U	0.0152	0.0028	0.0454	1.00 - 5.00
7-00105	70188	Bi-212	0.814	0.11	0.0695	2.15	1.00 - 5.00
7-00105	70188	Bi-214	0.828	0.0261	0.0394	1.59	1.00 - 5.00
7-00105	70188	C-14	0.0422 U	0.695	0.207	2.96	1.00 - 5.00
7-00105	70188	Cd-113m	12.6 U	113	32.9	3030	1.00 - 5.00
7-00105	70188	Cm-243/244	0.0022 U	0.0194	0.0048	0.0443	1.00 - 5.00
7-00105	70188	Co-60	0.0025 U	0.015	0.0044	0.028	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00105	70188	Cs-134	0.0024 U	0.0129	0.0044	0.0864	1.00 - 5.00
7-00105	70188	Cs-137	-0.002 U	0.0152	0.0047	0.207	1.00 - 5.00
7-00105	70188	Eu-152	-0.0179 U	0.0387	0.0148	0.0566	1.00 - 5.00
7-00105	70188	Eu-154	-0.0256 U	0.0881	0.027	0.15	1.00 - 5.00
7-00105	70188	Eu-155	0.0615 SJ	0.0596	0.0228	0.231	1.00 - 5.00
7-00105	70188	H-3	1.82 U	7.37	2.1	11.9	1.00 - 5.00
7-00105	70188	Ho-166m	0.0008 U	0.0229	0.0069	0.0432	1.00 - 5.00
7-00105	70188	K-40	23.8	0.112	1.33	32.4	1.00 - 5.00
7-00105	70188	Na-22	-0.003 U	0.0195	0.0059	0.037	1.00 - 5.00
7-00105	70188	Nb-94	0.0018 U	0.0137	0.0042	0.0214	1.00 - 5.00
7-00105	70188	Ni-59	-0.157 U	5.53	1.43	5.96	1.00 - 5.00
7-00105	70188	Ni-63	0.0055 U	1.56	0.462	4.92	1.00 - 5.00
7-00105	70188	Np-236	0.0146 U	0.0321	0.0102	0.047	1.00 - 5.00
7-00105	70188	Np-239	0.002 U	0.113	0.035	0.139	1.00 - 5.00
7-00105	70188	Pa-231	-0.136 U	0.683	0.21	0.936	1.00 - 5.00
7-00105	70188	Pb-212	1.22	0.028	0.0721	2.69	1.00 - 5.00
7-00105	70188	Pb-214	0.938	0.0285	0.0449	1.7	1.00 - 5.00
7-00105	70188	Pu-236	-0.0037 U	0.0331	0.007	7.79	1.00 - 5.00
7-00105	70188	Pu-238	0.0023 U	0.025	0.0059	0.0415	1.00 - 5.00
7-00105	70188	Pu-239/240	-0.0012 U	0.0217	0.0039	0.0404	1.00 - 5.00
7-00105	70188	Pu-244	0.0055	0.0075	0.0039	0.0313	1.00 - 5.00
7-00105	70188	Sb-125	0.0049 U	0.0368	0.0109	0.354	1.00 - 5.00
7-00105	70188	Sn-126	0.0042 U	0.015	0.0046	0.0237	1.00 - 5.00
7-00105	70188	Sr-90	0.0786 U	0.36	0.104	0.485	1.00 - 5.00
7-00105	70188	Tc-99	0.0684 U	1.11	0.331	1.63	1.00 - 5.00
7-00105	70188	Th-228	1.49	0.0936	0.137	3.98	1.00 - 5.00
7-00105	70188	Th-229	0.0137 U	0.0506	0.0138	0.145	1.00 - 5.00
7-00105	70188	Th-230	0.926	0.0505	0.097	2.2	1.00 - 5.00
7-00105	70188	Th-232	1.23	0.0503	0.117	3.1	1.00 - 5.00
7-00105	70188	Th-234	1.32 J	0.253	0.135	3.19	1.00 - 5.00
7-00105	70188	Tl-208	0.382	0.0142	0.0218	0.937	1.00 - 5.00
7-00105	70188	Tm-171	4.69 U	10.6	3.66	72.4	1.00 - 5.00
7-00105	70188	U-233/234	0.857	0.014	0.0914	2.02	1.00 - 5.00
7-00105	70188	U-235/236	0.032	0.0174	0.0145	0.151	1.00 - 5.00
7-00105	70188	U-238	0.939	0.033	0.098	1.8	1.00 - 5.00
7-00106	70189	Ac-227	-0.0399 U	0.216	0.0648	0.217	12.50 - 17.50
7-00106	70189	Ac-228	1.32	0.119	0.0661	2.4	12.50 - 17.50
7-00106	70189	Am-241	0.0102	0.0055	0.0046	0.0454	12.50 - 17.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00106	70189	Bi-212	0.96 J	0.239	0.242	2.15	12.50 - 17.50
7-00106	70189	Bi-214	0.953	0.0337	0.0491	1.59	12.50 - 17.50
7-00106	70189	C-14	-0.259 U	0.7	0.205	2.96	12.50 - 17.50
7-00106	70189	Cd-113m	-41.9 U	141	44.7	3030	12.50 - 17.50
7-00106	70189	Cm-243/244	-0.0003 U	0.0184	0.0038	0.0443	12.50 - 17.50
7-00106	70189	Co-60	-0.0008 U	0.0227	0.0067	0.028	12.50 - 17.50
7-00106	70189	Cs-134	0.0034 U	0.0177	0.0059	0.0864	12.50 - 17.50
7-00106	70189	Cs-137	-0.0092 U	0.0203	0.0065	0.207	12.50 - 17.50
7-00106	70189	Eu-152	0.0029 U	0.0538	0.0174	0.0566	12.50 - 17.50
7-00106	70189	Eu-154	-0.0522 U	0.118	0.0373	0.15	12.50 - 17.50
7-00106	70189	Eu-155	0.0673 SJ	0.08	0.0287	0.231	12.50 - 17.50
7-00106	70189	H-3	3.32 U	7.34	2.22	11.9	12.50 - 17.50
7-00106	70189	Ho-166m	-0.0088 U	0.0312	0.0096	0.0432	12.50 - 17.50
7-00106	70189	K-40	23.8	0.168	1.44	32.4	12.50 - 17.50
7-00106	70189	Na-22	0.0084 U	0.0258	0.0076	0.037	12.50 - 17.50
7-00106	70189	Nb-94	0.0052 U	0.018	0.0054	0.0214	12.50 - 17.50
7-00106	70189	Ni-59	1.53 U	6.07	1.47	5.96	12.50 - 17.50
7-00106	70189	Ni-63	1.17	1.53	0.484	4.92	12.50 - 17.50
7-00106	70189	Np-236	-0.0369 SUJ	0.0407	0.0154	0.047	12.50 - 17.50
7-00106	70189	Np-239	0.0095 U	0.148	0.0435	0.139	12.50 - 17.50
7-00106	70189	Pa-231	-0.223 U	0.9	0.275	0.936	12.50 - 17.50
7-00106	70189	Pb-212	1.43	0.0378	0.0966	2.69	12.50 - 17.50
7-00106	70189	Pb-214	1.09	0.0376	0.0576	1.7	12.50 - 17.50
7-00106	70189	Pu-236	-0.0009 U	0.0157	0.0029	7.79	12.50 - 17.50
7-00106	70189	Pu-238	-0.0028 U	0.0153	0.0028	0.0415	12.50 - 17.50
7-00106	70189	Pu-239/240	0.0025 U	0.0124	0.0031	0.0404	12.50 - 17.50
7-00106	70189	Pu-244	-0.0023 U	0.0176	0.0031	0.0313	12.50 - 17.50
7-00106	70189	Sb-125	0.009 U	0.0517	0.0157	0.354	12.50 - 17.50
7-00106	70189	Sn-126	0.0003 U	0.0204	0.006	0.0237	12.50 - 17.50
7-00106	70189	Sr-90	0.0311 U	0.302	0.0832	0.485	12.50 - 17.50
7-00106	70189	Tc-99	0.0808 U	1.13	0.335	1.63	12.50 - 17.50
7-00106	70189	Th-228	1.25 L	0.137	0.119	3.98	12.50 - 17.50
7-00106	70189	Th-229	0.0124 LU	0.0742	0.0195	0.145	12.50 - 17.50
7-00106	70189	Th-230	0.826 L	0.0741	0.0867	2.2	12.50 - 17.50
7-00106	70189	Th-232	1.39 L	0.0452	0.121	3.1	12.50 - 17.50
7-00106	70189	Th-234	1.38 J	0.347	0.173	3.19	12.50 - 17.50
7-00106	70189	Tl-208	0.44	0.0194	0.027	0.937	12.50 - 17.50
7-00106	70189	Tm-171	-2.77 U	17.1	5.74	72.4	12.50 - 17.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00106	70189	U-233/234	0.905	0.0259	0.118	2.02	12.50 - 17.50
7-00106	70189	U-235/236	0.154	0.0321	0.0444	0.151	12.50 - 17.50
7-00106	70189	U-238	1.16	0.0866	0.141	1.8	12.50 - 17.50
7-00107	70190	Ac-227	-0.0599 U	0.152	0.0492	0.217	10.00 - 14.00
7-00107	70190	Ac-228	1.06	0.0977	0.0518	2.4	10.00 - 14.00
7-00107	70190	Am-241	0.0012 U	0.0169	0.0037	0.0454	10.00 - 14.00
7-00107	70190	Bi-212	0.867	0.124	0.0752	2.15	10.00 - 14.00
7-00107	70190	Bi-214	0.972	0.0271	0.0464	1.59	10.00 - 14.00
7-00107	70190	C-14	0.187 U	0.713	0.215	2.96	10.00 - 14.00
7-00107	70190	Cd-113m	23.2 U	102	31.6	3030	10.00 - 14.00
7-00107	70190	Cm-243/244	-0.0009 U	0.017	0.0031	0.0443	10.00 - 14.00
7-00107	70190	Co-60	-0.0051 U	0.0169	0.0052	0.028	10.00 - 14.00
7-00107	70190	Cs-134	-0.0017 U	0.0129	0.0045	0.0864	10.00 - 14.00
7-00107	70190	Cs-137	-0.006 U	0.0167	0.005	0.207	10.00 - 14.00
7-00107	70190	Eu-152	-0.0075 U	0.0382	0.0137	0.0566	10.00 - 14.00
7-00107	70190	Eu-154	0.0391 U	0.0965	0.0294	0.15	10.00 - 14.00
7-00107	70190	Eu-155	0.0505 JS	0.0463	0.0215	0.231	10.00 - 14.00
7-00107	70190	H-3	2.56 U	8.9	2.67	11.9	10.00 - 14.00
7-00107	70190	Ho-166m	0.0017 U	0.0248	0.0072	0.0432	10.00 - 14.00
7-00107	70190	K-40	20.3	0.119	1.09	32.4	10.00 - 14.00
7-00107	70190	Na-22	0.0011 U	0.0201	0.0058	0.037	10.00 - 14.00
7-00107	70190	Nb-94	-0.0042 U	0.014	0.0043	0.0214	10.00 - 14.00
7-00107	70190	Ni-59	0.911 U	5.53	1.44	5.96	10.00 - 14.00
7-00107	70190	Ni-63	0.193 U	1.17	0.352	4.92	10.00 - 14.00
7-00107	70190	Np-236	-0.0112 UJ	0.0254	0.0079	0.047	10.00 - 14.00
7-00107	70190	Np-239	0.0804 J	0.103	0.0359	0.139	10.00 - 14.00
7-00107	70190	Pa-231	-0.0159 U	0.641	0.198	0.936	10.00 - 14.00
7-00107	70190	Pb-212	1.17	0.0249	0.065	2.69	10.00 - 14.00
7-00107	70190	Pb-214	1.02	0.0274	0.048	1.7	10.00 - 14.00
7-00107	70190	Pu-238	-0.0046 U	0.0194	0.0034	0.0415	10.00 - 14.00
7-00107	70190	Pu-239/240	-0.0015 U	0.0137	0.0026	0.0404	10.00 - 14.00
7-00107	70190	Pu-244	0.0092	0.0137	0.0051	0.0313	10.00 - 14.00
7-00107	70190	Sb-125	0.0189 JS	0.0385	0.0119	0.354	10.00 - 14.00
7-00107	70190	Sn-126	0.0035 U	0.0167	0.0048	0.0237	10.00 - 14.00
7-00107	70190	Sr-90	0.0864 U	0.178	0.0548	0.485	10.00 - 14.00
7-00107	70190	Tc-99	-0.683 U	1.48	0.421	1.63	10.00 - 14.00
7-00107	70190	Th-228	1.15	0.106	0.114	3.98	10.00 - 14.00
7-00107	70190	Th-229	0.0277	0.0188	0.0139	0.145	10.00 - 14.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00107	70190	Th-230	0.898	0.0508	0.0943	2.2	10.00 - 14.00
7-00107	70190	Th-232	1.22	0.0187	0.115	3.1	10.00 - 14.00
7-00107	70190	Th-234	1.11	0.19	0.095	3.19	10.00 - 14.00
7-00107	70190	Tl-208	0.392	0.0146	0.0236	0.937	10.00 - 14.00
7-00107	70190	Tm-171	-1.88 U	5.61	1.98	72.4	10.00 - 14.00
7-00107	70190	U-233/234	0.879	0.015	0.095	2.02	10.00 - 14.00
7-00107	70190	U-235/236	0.0861	0.0541	0.0273	0.151	10.00 - 14.00
7-00107	70190	U-238	1.09	0.015	0.112	1.8	10.00 - 14.00
7-00108	70191	Ac-227	0.0515 U	0.161	0.0485	0.217	1.00 - 3.75
7-00108	70191	Ac-228	1.06	0.0855	0.0514	2.4	1.00 - 3.75
7-00108	70191	Am-241	0.0098	0.0053	0.0044	0.0454	1.00 - 3.75
7-00108	70191	Bi-212	0.77	0.121	0.0698	2.15	1.00 - 3.75
7-00108	70191	Bi-214	0.855	0.0262	0.0413	1.59	1.00 - 3.75
7-00108	70191	C-14	0.365	0.686	0.209	2.96	1.00 - 3.75
7-00108	70191	Cd-113m	36.2 U	108	33.6	3030	1.00 - 3.75
7-00108	70191	Cm-243/244	-0.0042 U	0.0177	0.0031	0.0443	1.00 - 3.75
7-00108	70191	Co-60	-0.0093 U	0.0154	0.0052	0.028	1.00 - 3.75
7-00108	70191	Cs-134	-0.0055 U	0.0132	0.0048	0.0864	1.00 - 3.75
7-00108	70191	Cs-137	0.006 U	0.0154	0.0052	0.207	1.00 - 3.75
7-00108	70191	Eu-152	-0.0368 UJ	0.0383	0.0151	0.0566	1.00 - 3.75
7-00108	70191	Eu-154	-0.0198 U	0.0871	0.0259	0.15	1.00 - 3.75
7-00108	70191	Eu-155	0.047 JS	0.0561	0.0215	0.231	1.00 - 3.75
7-00108	70191	H-3	2.83 U	8.49	2.55	11.9	1.00 - 3.75
7-00108	70191	Ho-166m	-0.0076 U	0.0233	0.0072	0.0432	1.00 - 3.75
7-00108	70191	K-40	20.4	0.105	1.12	32.4	1.00 - 3.75
7-00108	70191	Na-22	-0.0096 U	0.0184	0.006	0.037	1.00 - 3.75
7-00108	70191	Nb-94	0.0074 J	0.0143	0.0045	0.0214	1.00 - 3.75
7-00108	70191	Np-236	-0.0022 UJ	0.031	0.0095	0.047	1.00 - 3.75
7-00108	70191	Np-239	-0.0718 UJ	0.105	0.0357	0.139	1.00 - 3.75
7-00108	70191	Pa-231	-0.521 UJ	0.65	0.233	0.936	1.00 - 3.75
7-00108	70191	Pb-212	1.19	0.0278	0.0696	2.69	1.00 - 3.75
7-00108	70191	Pb-214	0.904	0.0291	0.0447	1.7	1.00 - 3.75
7-00108	70191	Pu-238	-0.0017 U	0.0146	0.0028	0.0415	1.00 - 3.75
7-00108	70191	Pu-239/240	0.0065 U	0.0207	0.0059	0.0404	1.00 - 3.75
7-00108	70191	Pu-244	0.0114	0.0062	0.0052	0.0313	1.00 - 3.75
7-00108	70191	Sb-125	0.0105 U	0.0387	0.0118	0.354	1.00 - 3.75
7-00108	70191	Sn-126	-0.0003 U	0.0156	0.0046	0.0237	1.00 - 3.75
7-00108	70191	Sr-90	0.524	0.162	0.0905	0.485	1.00 - 3.75

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00108	70191	Tc-99	-0.314 U	1.07	0.312	1.63	1.00 - 3.75
7-00108	70191	Th-228	1.07	0.13	0.115	3.98	1.00 - 3.75
7-00108	70191	Th-229	-0.0073 U	0.0881	0.0194	0.145	1.00 - 3.75
7-00108	70191	Th-230	0.673	0.0539	0.0815	2.2	1.00 - 3.75
7-00108	70191	Th-232	0.977	0.0537	0.103	3.1	1.00 - 3.75
7-00108	70191	Th-234	1.31	0.241	0.124	3.19	1.00 - 3.75
7-00108	70191	Tl-208	0.374	0.0137	0.0222	0.937	1.00 - 3.75
7-00108	70191	Tm-171	-4.72 U	9.61	3.42	72.4	1.00 - 3.75
7-00108	70191	U-233/234	0.796	0.0331	0.0815	2.02	1.00 - 3.75
7-00108	70191	U-235/236	0.0482	0.0331	0.0172	0.151	1.00 - 3.75
7-00108	70191	U-238	0.794	0.038	0.0814	1.8	1.00 - 3.75
7-00109	70192	Ac-227	-0.0531 U	0.159	0.0483	0.217	1.00 - 5.00
7-00109	70192	Ac-228	1.09	0.0785	0.0521	2.4	1.00 - 5.00
7-00109	70192	Am-241	0.0064	0.0058	0.0037	0.0454	1.00 - 5.00
7-00109	70192	Bi-212	0.809	0.109	0.0666	2.15	1.00 - 5.00
7-00109	70192	Bi-214	0.909	0.0239	0.0415	1.59	1.00 - 5.00
7-00109	70192	C-14	-0.178 U	0.749	0.221	2.96	1.00 - 5.00
7-00109	70192	Cd-113m	73.2 J	108	36.2	3030	1.00 - 5.00
7-00109	70192	Cm-243/244	0.0043	0.0058	0.0031	0.0443	1.00 - 5.00
7-00109	70192	Co-60	-0.0039 U	0.0148	0.0046	0.028	1.00 - 5.00
7-00109	70192	Cs-134	-0.0063 U	0.012	0.0046	0.0864	1.00 - 5.00
7-00109	70192	Cs-137	-0.0104 UJ	0.0135	0.0049	0.207	1.00 - 5.00
7-00109	70192	Eu-152	-0.0078 U	0.0382	0.0119	0.0566	1.00 - 5.00
7-00109	70192	Eu-154	0.0616 J	0.0819	0.0297	0.15	1.00 - 5.00
7-00109	70192	Eu-155	0.0311 JS	0.0582	0.0189	0.231	1.00 - 5.00
7-00109	70192	H-3	-1.73 U	7.6	2	11.9	1.00 - 5.00
7-00109	70192	Ho-166m	-0.0007 U	0.0214	0.0065	0.0432	1.00 - 5.00
7-00109	70192	K-40	21.5	0.102	1.2	32.4	1.00 - 5.00
7-00109	70192	Na-22	-0.0033 U	0.0168	0.0051	0.037	1.00 - 5.00
7-00109	70192	Nb-94	0.0043 U	0.0125	0.0039	0.0214	1.00 - 5.00
7-00109	70192	Ni-59	1.4 U	6.75	1.68	5.96	1.00 - 5.00
7-00109	70192	Ni-63	-0.0774 U	1.4	0.414	4.92	1.00 - 5.00
7-00109	70192	Np-236	-0.0195 U	0.0303	0.0104	0.047	1.00 - 5.00
7-00109	70192	Np-239	0.0179 U	0.11	0.0343	0.139	1.00 - 5.00
7-00109	70192	Pa-231	-0.107 U	0.635	0.188	0.936	1.00 - 5.00
7-00109	70192	Pb-212	1.27	0.0274	0.0746	2.69	1.00 - 5.00
7-00109	70192	Pb-214	0.981	0.0275	0.0456	1.7	1.00 - 5.00
7-00109	70192	Pu-236	-0.0011 UJ	0.041	0.0094	7.79	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00109	70192	Pu-238	0.0135 UJ	0.0421	0.0121	0.0415	1.00 - 5.00
7-00109	70192	Pu-239/240	0.0044 UJ	0.0216	0.0054	0.0404	1.00 - 5.00
7-00109	70192	Pu-244	0.0034	0.0092	0.0034	0.0313	1.00 - 5.00
7-00109	70192	Sb-125	0.0108 U	0.0373	0.0112	0.354	1.00 - 5.00
7-00109	70192	Sn-126	0.0057 U	0.0139	0.0043	0.0237	1.00 - 5.00
7-00109	70192	Sr-90	0.169	0.226	0.0732	0.485	1.00 - 5.00
7-00109	70192	Tc-99	0.097 U	1.15	0.342	1.63	1.00 - 5.00
7-00109	70192	Th-228	1.24	0.0875	0.121	3.98	1.00 - 5.00
7-00109	70192	Th-229	0.0207 U	0.0642	0.0183	0.145	1.00 - 5.00
7-00109	70192	Th-230	0.828	0.0641	0.0909	2.2	1.00 - 5.00
7-00109	70192	Th-232	0.894	0.0186	0.0943	3.1	1.00 - 5.00
7-00109	70192	Th-234	1.43	0.24	0.137	3.19	1.00 - 5.00
7-00109	70192	Tl-208	0.365	0.014	0.0209	0.937	1.00 - 5.00
7-00109	70192	Tm-171	-3.32 U	10.5	3.59	72.4	1.00 - 5.00
7-00109	70192	U-233/234	0.954	0.0331	0.0933	2.02	1.00 - 5.00
7-00109	70192	U-235/236	0.0467	0.0141	0.0159	0.151	1.00 - 5.00
7-00109	70192	U-238	0.875	0.0331	0.0874	1.8	1.00 - 5.00
7-00110	70193	Ac-227	0.0226 U	0.16	0.0491	0.217	0.00 - 0.50
7-00110	70193	Ac-228	1.12	0.0934	0.0533	2.4	0.00 - 0.50
7-00110	70193	Am-241	0.0063	0.0057	0.0036	0.0454	0.00 - 0.50
7-00110	70193	Bi-212	0.832	0.12	0.0818	2.15	0.00 - 0.50
7-00110	70193	Bi-214	0.977	0.0275	0.0466	1.59	0.00 - 0.50
7-00110	70193	C-14	-0.133 U	0.724	0.214	2.96	0.00 - 0.50
7-00110	70193	Cd-113m	-22.1 U	105	33	3030	0.00 - 0.50
7-00110	70193	Cm-243/244	0.0027 U	0.0133	0.0033	0.0443	0.00 - 0.50
7-00110	70193	Co-60	-0.0001 U	0.0176	0.0051	0.028	0.00 - 0.50
7-00110	70193	Cs-134	-0.0016 U	0.0136	0.0048	0.0864	0.00 - 0.50
7-00110	70193	Cs-137	0.145	0.0157	0.0111	0.207	0.00 - 0.50
7-00110	70193	Eu-152	0.0155 U	0.0413	0.0132	0.0566	0.00 - 0.50
7-00110	70193	Eu-154	-0.0417 U	0.0967	0.0312	0.15	0.00 - 0.50
7-00110	70193	Eu-155	0.0453 JS	0.0494	0.0177	0.231	0.00 - 0.50
7-00110	70193	H-3	2.41 U	7.93	2.31	11.9	0.00 - 0.50
7-00110	70193	Ho-166m	0.005 U	0.0258	0.0075	0.0432	0.00 - 0.50
7-00110	70193	K-40	19.7	0.118	1.06	32.4	0.00 - 0.50
7-00110	70193	Na-22	-0.0063 U	0.0204	0.0062	0.037	0.00 - 0.50
7-00110	70193	Nb-94	0.0078 JS	0.0147	0.0045	0.0214	0.00 - 0.50
7-00110	70193	Ni-59	-1.5 U	5.62	1.6	5.96	0.00 - 0.50
7-00110	70193	Ni-63	-0.192 U	1.56	0.46	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00110	70193	Np-236	0.004 U	0.0263	0.0077	0.047	0.00 - 0.50
7-00110	70193	Np-239	-0.0049 U	0.103	0.0315	0.139	0.00 - 0.50
7-00110	70193	Pa-231	-0.0158 U	0.645	0.199	0.936	0.00 - 0.50
7-00110	70193	Pb-212	1.25	0.0268	0.0693	2.69	0.00 - 0.50
7-00110	70193	Pb-214	1.02	0.0293	0.0474	1.7	0.00 - 0.50
7-00110	70193	Pu-236	-0.0001 U	0.0425	0.0101	7.79	0.00 - 0.50
7-00110	70193	Pu-238	0.035	0.0261	0.0121	0.0415	0.00 - 0.50
7-00110	70193	Pu-239/240	0.0075	0.0211	0.0062	0.0404	0.00 - 0.50
7-00110	70193	Pu-244	0	0.009	0.0033	0.0313	0.00 - 0.50
7-00110	70193	Sb-125	0.0006 U	0.0407	0.012	0.354	0.00 - 0.50
7-00110	70193	Sn-126	0.0049 U	0.0165	0.0048	0.0237	0.00 - 0.50
7-00110	70193	Sr-90	0.0278 U	0.217	0.0608	0.485	0.00 - 0.50
7-00110	70193	Tc-99	-0.478 U	1.14	0.331	1.63	0.00 - 0.50
7-00110	70193	Th-228	1.34	0.0512	0.125	3.98	0.00 - 0.50
7-00110	70193	Th-229	0.033	0.0486	0.0176	0.145	0.00 - 0.50
7-00110	70193	Th-230	0.744	0.0612	0.0835	2.2	0.00 - 0.50
7-00110	70193	Th-232	0.998	0.0178	0.0998	3.1	0.00 - 0.50
7-00110	70193	Th-234	1.25	0.194	0.112	3.19	0.00 - 0.50
7-00110	70193	Tl-208	0.417	0.015	0.0248	0.937	0.00 - 0.50
7-00110	70193	Tm-171	-0.119 U	5.79	1.97	72.4	0.00 - 0.50
7-00110	70193	U-233/234	0.797	0.033	0.087	2.02	0.00 - 0.50
7-00110	70193	U-235/236	0.0228	0.0505	0.0158	0.151	0.00 - 0.50
7-00110	70193	U-238	0.904	0.033	0.0954	1.8	0.00 - 0.50
7-00111	70194	Ac-227	-0.125 UJ	0.163	0.0568	0.217	0.00 - 0.50
7-00111	70194	Ac-228	1.04	0.0839	0.0508	2.4	0.00 - 0.50
7-00111	70194	Am-241	0.0095	0.0052	0.0043	0.0454	0.00 - 0.50
7-00111	70194	Bi-212	0.801	0.111	0.0685	2.15	0.00 - 0.50
7-00111	70194	Bi-214	0.894	0.0265	0.0429	1.59	0.00 - 0.50
7-00111	70194	C-14	-0.0123 U	0.645	0.192	2.96	0.00 - 0.50
7-00111	70194	Cd-113m	-12.1 U	111	32.5	3030	0.00 - 0.50
7-00111	70194	Cm-243/244	0.0038	0.0052	0.0027	0.0443	0.00 - 0.50
7-00111	70194	Co-60	-0.0004 U	0.0153	0.0045	0.028	0.00 - 0.50
7-00111	70194	Cs-134	0.0068 JS	0.0133	0.0047	0.0864	0.00 - 0.50
7-00111	70194	Cs-137	0.118	0.0126	0.0102	0.207	0.00 - 0.50
7-00111	70194	Eu-152	-0.023 UJ	0.0403	0.0137	0.0566	0.00 - 0.50
7-00111	70194	Eu-154	-0.071 UJ	0.0805	0.0302	0.15	0.00 - 0.50
7-00111	70194	Eu-155	0.0522 JS	0.0597	0.0216	0.231	0.00 - 0.50
7-00111	70194	H-3	5.07	9.12	2.78	11.9	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00111	70194	Ho-166m	-0.0055 U	0.0223	0.007	0.0432	0.00 - 0.50
7-00111	70194	K-40	21.7	0.115	1.21	32.4	0.00 - 0.50
7-00111	70194	Na-22	-0.0083 U	0.0176	0.0058	0.037	0.00 - 0.50
7-00111	70194	Nb-94	0.0058 U	0.0134	0.0042	0.0214	0.00 - 0.50
7-00111	70194	Ni-59	-0.36 U	5.66	1.51	5.96	0.00 - 0.50
7-00111	70194	Ni-63	-0.038 U	1.31	0.389	4.92	0.00 - 0.50
7-00111	70194	Np-236	-0.0184 U	0.0311	0.0105	0.047	0.00 - 0.50
7-00111	70194	Np-239	0.0434 U	0.113	0.0363	0.139	0.00 - 0.50
7-00111	70194	Pa-231	-0.331 U	0.681	0.217	0.936	0.00 - 0.50
7-00111	70194	Pb-212	1.25	0.0285	0.0738	2.69	0.00 - 0.50
7-00111	70194	Pb-214	1.08	0.0289	0.0507	1.7	0.00 - 0.50
7-00111	70194	Pu-236	-0.0066 U	0.0229	0.004	7.79	0.00 - 0.50
7-00111	70194	Pu-238	0.0035 U	0.0174	0.0045	0.0415	0.00 - 0.50
7-00111	70194	Pu-239/240	-0.0004 U	0.02	0.0042	0.0404	0.00 - 0.50
7-00111	70194	Pu-244	0.0066	0.006	0.0038	0.0313	0.00 - 0.50
7-00111	70194	Sb-125	-0.0025 U	0.0389	0.0116	0.354	0.00 - 0.50
7-00111	70194	Sn-126	-0.0058 U	0.0142	0.0046	0.0237	0.00 - 0.50
7-00111	70194	Sr-90	0.0991 U	0.321	0.0951	0.485	0.00 - 0.50
7-00111	70194	Tc-99	-0.459 U	1.36	0.394	1.63	0.00 - 0.50
7-00111	70194	Th-228	1.05	0.0782	0.108	3.98	0.00 - 0.50
7-00111	70194	Th-229	0.0207	0.0508	0.0155	0.145	0.00 - 0.50
7-00111	70194	Th-230	1.09	0.0187	0.108	2.2	0.00 - 0.50
7-00111	70194	Th-232	1.1	0.0186	0.108	3.1	0.00 - 0.50
7-00111	70194	Th-234	1.44 J	0.246	0.151	3.19	0.00 - 0.50
7-00111	70194	Tl-208	0.372	0.0142	0.0216	0.937	0.00 - 0.50
7-00111	70194	Tm-171	-0.54 U	10.8	3.58	72.4	0.00 - 0.50
7-00111	70194	U-233/234	1	0.0389	0.102	2.02	0.00 - 0.50
7-00111	70194	U-235/236	0.0443	0.0388	0.0181	0.151	0.00 - 0.50
7-00111	70194	U-238	1.02	0.0537	0.103	1.8	0.00 - 0.50
7-00116	70199	Ac-227	-0.0841 U	0.207	0.0653	0.217	1.00 - 2.60
7-00116	70199	Ac-228	1.25	0.107	0.0622	2.4	1.00 - 2.60
7-00116	70199	Am-241	0.0066	0.0089	0.0047	0.0454	1.00 - 2.60
7-00116	70199	Bi-212	0.829 J	0.152	0.0896	2.15	1.00 - 2.60
7-00116	70199	Bi-214	0.985	0.0332	0.0492	1.59	1.00 - 2.60
7-00116	70199	Cd-113m	29.9 U	143	45.9	3030	1.00 - 2.60
7-00116	70199	Cm-243/244	0.0033	0.009	0.0033	0.0443	1.00 - 2.60
7-00116	70199	Co-60	-0.0032 U	0.0203	0.0061	0.028	1.00 - 2.60
7-00116	70199	Cs-134	0.0129 JS	0.0165	0.006	0.0864	1.00 - 2.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00116	70199	Cs-137	-0.0002 U	0.0194	0.0066	0.207	1.00 - 2.60
7-00116	70199	Eu-152	0.0024 U	0.0527	0.0163	0.0566	1.00 - 2.60
7-00116	70199	Eu-154	0.0219 U	0.12	0.0345	0.15	1.00 - 2.60
7-00116	70199	Eu-155	0.152 JS	0.0733	0.0378	0.231	1.00 - 2.60
7-00116	70199	Ho-166m	-0.0001 U	0.0309	0.0091	0.0432	1.00 - 2.60
7-00116	70199	K-40	21.8	0.145	1.32	32.4	1.00 - 2.60
7-00116	70199	Na-22	0.0034 U	0.0248	0.0073	0.037	1.00 - 2.60
7-00116	70199	Nb-94	-0.0024 U	0.0174	0.0052	0.0214	1.00 - 2.60
7-00116	70199	Np-236	0.0063 U	0.0405	0.0124	0.047	1.00 - 2.60
7-00116	70199	Np-239	-0.041 U	0.141	0.0428	0.139	1.00 - 2.60
7-00116	70199	Pa-231	-0.0032 U	0.868	0.257	0.936	1.00 - 2.60
7-00116	70199	Pb-212	1.39	0.0356	0.0931	2.69	1.00 - 2.60
7-00116	70199	Pb-214	1.07	0.0376	0.0578	1.7	1.00 - 2.60
7-00116	70199	Pu-236	-0.0029 U	0.0156	0.0028	7.79	1.00 - 2.60
7-00116	70199	Pu-238	-0.0009 U	0.0154	0.0028	0.0415	1.00 - 2.60
7-00116	70199	Pu-239/240	0.0098	0.0053	0.0044	0.0404	1.00 - 2.60
7-00116	70199	Pu-244	-0.0028 U	0.0154	0.0028	0.0313	1.00 - 2.60
7-00116	70199	Sb-125	0.0172 U	0.0493	0.0152	0.354	1.00 - 2.60
7-00116	70199	Sn-126	-0.0021 U	0.0199	0.0059	0.0237	1.00 - 2.60
7-00116	70199	Sr-90	0.44	0.309	0.12	0.485	1.00 - 2.60
7-00116	70199	Th-228	1.12	0.13	0.109	3.98	1.00 - 2.60
7-00116	70199	Th-229	0.0284	0.0612	0.0189	0.145	1.00 - 2.60
7-00116	70199	Th-230	0.771	0.061	0.0808	2.2	1.00 - 2.60
7-00116	70199	Th-232	1.1	0.0525	0.102	3.1	1.00 - 2.60
7-00116	70199	Th-234	1.75 J	0.395	0.456	3.19	1.00 - 2.60
7-00116	70199	Tl-208	0.395	0.0194	0.0244	0.937	1.00 - 2.60
7-00116	70199	Tm-171	-5.36 U	16.3	5.05	72.4	1.00 - 2.60
7-00116	70199	U-233/234	0.865	0.0527	0.108	2.02	1.00 - 2.60
7-00116	70199	U-235/236	0.054	0.0651	0.0264	0.151	1.00 - 2.60
7-00116	70199	U-238	0.771	0.0527	0.1	1.8	1.00 - 2.60
7-00117	70200	Ac-227	-0.0543 U	0.171	0.0532	0.217	1.00 - 3.25
7-00117	70200	Ac-228	1.2	0.0858	0.0578	2.4	1.00 - 3.25
7-00117	70200	Am-241	0.0205	0.0287	0.0101	0.0454	1.00 - 3.25
7-00117	70200	Bi-212	0.813	0.115	0.0722	2.15	1.00 - 3.25
7-00117	70200	Bi-214	0.893	0.0258	0.0425	1.59	1.00 - 3.25
7-00117	70200	Cd-113m	-45.7 U	113	38.5	3030	1.00 - 3.25
7-00117	70200	Cm-243/244	0.0059 U	0.0249	0.0066	0.0443	1.00 - 3.25
7-00117	70200	Co-60	-0.0063 U	0.0145	0.0048	0.028	1.00 - 3.25

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00117	70200	Cs-134	0.0065 JS	0.013	0.0045	0.0864	1.00 - 3.25
7-00117	70200	Cs-137	0.0161	0.0161	0.006	0.207	1.00 - 3.25
7-00117	70200	Eu-152	-0.0359 U	0.0417	0.0182	0.0566	1.00 - 3.25
7-00117	70200	Eu-154	-0.0322 U	0.0853	0.027	0.15	1.00 - 3.25
7-00117	70200	Eu-155	0.0682 JS	0.0614	0.0249	0.231	1.00 - 3.25
7-00117	70200	Ho-166m	0.0022 U	0.0241	0.007	0.0432	1.00 - 3.25
7-00117	70200	K-40	21.5	0.109	1.23	32.4	1.00 - 3.25
7-00117	70200	Na-22	-0.0056 U	0.0182	0.0057	0.037	1.00 - 3.25
7-00117	70200	Nb-94	-0.005 U	0.013	0.0041	0.0214	1.00 - 3.25
7-00117	70200	Np-236	-0.0207 U	0.0337	0.0111	0.047	1.00 - 3.25
7-00117	70200	Np-239	0.0336 U	0.12	0.0362	0.139	1.00 - 3.25
7-00117	70200	Pa-231	0.163 U	0.736	0.229	0.936	1.00 - 3.25
7-00117	70200	Pb-212	1.31	0.0298	0.0828	2.69	1.00 - 3.25
7-00117	70200	Pb-214	1.02	0.03	0.0505	1.7	1.00 - 3.25
7-00117	70200	Pu-236	-0.0012 U	0.0216	0.0039	7.79	1.00 - 3.25
7-00117	70200	Pu-238	-0.0039 U	0.0213	0.0039	0.0415	1.00 - 3.25
7-00117	70200	Pu-239/240	0.0015 U	0.0213	0.0047	0.0404	1.00 - 3.25
7-00117	70200	Pu-244	0.0027	0.0073	0.0027	0.0313	1.00 - 3.25
7-00117	70200	Sb-125	0.0089 U	0.0396	0.012	0.354	1.00 - 3.25
7-00117	70200	Sn-126	0.0001 U	0.0154	0.0045	0.0237	1.00 - 3.25
7-00117	70200	Sr-90	0.833	0.415	0.172	0.485	1.00 - 3.25
7-00117	70200	Th-228	1.07	0.2	0.13	3.98	1.00 - 3.25
7-00117	70200	Th-229	0.0175 UJ	0.114	0.0303	0.145	1.00 - 3.25
7-00117	70200	Th-230	0.679	0.0938	0.0908	2.2	1.00 - 3.25
7-00117	70200	Th-232	1.05	0.0639	0.117	3.1	1.00 - 3.25
7-00117	70200	Th-234	1.49	0.27	0.141	3.19	1.00 - 3.25
7-00117	70200	Tl-208	0.43	0.0146	0.0247	0.937	1.00 - 3.25
7-00117	70200	Tm-171	-1.36 U	11	3.83	72.4	1.00 - 3.25
7-00117	70200	U-233/234	1	0.0615	0.113	2.02	1.00 - 3.25
7-00117	70200	U-235/236	0.0672	0.0228	0.0243	0.151	1.00 - 3.25
7-00117	70200	U-238	0.931	0.0184	0.106	1.8	1.00 - 3.25
7-00118	70201	Ac-227	-0.0137 U	0.178	0.0527	0.217	1.00 - 5.00
7-00118	70201	Ac-228	1.2	0.099	0.0572	2.4	1.00 - 5.00
7-00118	70201	Am-241	-0.0017 U	0.0249	0.0043	0.0454	1.00 - 5.00
7-00118	70201	Bi-212	0.793 J	0.142	0.0838	2.15	1.00 - 5.00
7-00118	70201	Bi-214	0.89	0.03	0.0445	1.59	1.00 - 5.00
7-00118	70201	Cd-113m	-27.4 U	117	37.9	3030	1.00 - 5.00
7-00118	70201	Cm-243/244	0.0065	0.0088	0.0046	0.0443	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00118	70201	Co-60	-0.0051 U	0.017	0.0052	0.028	1.00 - 5.00
7-00118	70201	Cs-134	-0.0049 U	0.0147	0.0052	0.0864	1.00 - 5.00
7-00118	70201	Cs-137	0.0014 U	0.0186	0.0055	0.207	1.00 - 5.00
7-00118	70201	Eu-152	-0.014 U	0.045	0.0145	0.0566	1.00 - 5.00
7-00118	70201	Eu-154	-0.0723 UJ	0.0966	0.0339	0.15	1.00 - 5.00
7-00118	70201	Eu-155	0.0577 JS	0.0617	0.0205	0.231	1.00 - 5.00
7-00118	70201	Ho-166m	0.0085 U	0.0271	0.0081	0.0432	1.00 - 5.00
7-00118	70201	K-40	21.7	0.142	1.18	32.4	1.00 - 5.00
7-00118	70201	Na-22	-0.0128 U	0.0206	0.007	0.037	1.00 - 5.00
7-00118	70201	Nb-94	0.0056 U	0.016	0.0048	0.0214	1.00 - 5.00
7-00118	70201	Np-236	-0.0021 U	0.0342	0.0104	0.047	1.00 - 5.00
7-00118	70201	Np-239	-0.0123 U	0.12	0.0355	0.139	1.00 - 5.00
7-00118	70201	Pa-231	-0.178 U	0.736	0.224	0.936	1.00 - 5.00
7-00118	70201	Pb-212	1.26	0.0307	0.0729	2.69	1.00 - 5.00
7-00118	70201	Pb-214	0.958	0.0324	0.0463	1.7	1.00 - 5.00
7-00118	70201	Pu-236	0.0044	0.006	0.0031	7.79	1.00 - 5.00
7-00118	70201	Pu-238	0	0.0059	0.0022	0.0415	1.00 - 5.00
7-00118	70201	Pu-239/240	0.01	0.0172	0.0058	0.0404	1.00 - 5.00
7-00118	70201	Pu-244	-0.0016 U	0.0139	0.0027	0.0313	1.00 - 5.00
7-00118	70201	Sb-125	0.0008 U	0.042	0.0127	0.354	1.00 - 5.00
7-00118	70201	Sn-126	0.0031 U	0.0176	0.0052	0.0237	1.00 - 5.00
7-00118	70201	Sr-90	0.0437 U	0.191	0.0549	0.485	1.00 - 5.00
7-00118	70201	Th-228	1.18	0.0706	0.109	3.98	1.00 - 5.00
7-00118	70201	Th-229	0 U	0.0913	0.023	0.145	1.00 - 5.00
7-00118	70201	Th-230	0.815	0.0422	0.0832	2.2	1.00 - 5.00
7-00118	70201	Th-232	1.02	0.0155	0.0965	3.1	1.00 - 5.00
7-00118	70201	Th-234	1.56	0.266	0.146	3.19	1.00 - 5.00
7-00118	70201	Tl-208	0.405	0.0164	0.0244	0.937	1.00 - 5.00
7-00118	70201	Tm-171	0.71 U	10.7	3.55	72.4	1.00 - 5.00
7-00118	70201	U-233/234	0.646	0.0505	0.0876	2.02	1.00 - 5.00
7-00118	70201	U-235/236	0.0784	0.0265	0.0284	0.151	1.00 - 5.00
7-00118	70201	U-238	0.596	0.0505	0.0832	1.8	1.00 - 5.00
7-00119	70202	Ac-227	-0.04 U	0.158	0.0473	0.217	0.00 - 0.50
7-00119	70202	Ac-228	1.08	0.082	0.0528	2.4	0.00 - 0.50
7-00119	70202	Am-241	0.0026 U	0.0277	0.0071	0.0454	0.00 - 0.50
7-00119	70202	Bi-212	0.762	0.107	0.0659	2.15	0.00 - 0.50
7-00119	70202	Bi-214	0.787	0.0242	0.0379	1.59	0.00 - 0.50
7-00119	70202	Cd-113m	-20.4 U	108	31.9	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00119	70202	Cm-243/244	-0.0001 U	0.0264	0.0063	0.0443	0.00 - 0.50
7-00119	70202	Co-60	0.0003 U	0.0146	0.0043	0.028	0.00 - 0.50
7-00119	70202	Cs-134	-0.001 U	0.0124	0.0043	0.0864	0.00 - 0.50
7-00119	70202	Cs-137	0.0395	0.0155	0.0065	0.207	0.00 - 0.50
7-00119	70202	Eu-152	0.0013 U	0.0386	0.0128	0.0566	0.00 - 0.50
7-00119	70202	Eu-154	0.037 U	0.082	0.0279	0.15	0.00 - 0.50
7-00119	70202	Eu-155	0.0839 SJ	0.0554	0.0238	0.231	0.00 - 0.50
7-00119	70202	Ho-166m	-0.0148 U	0.0205	0.0074	0.0432	0.00 - 0.50
7-00119	70202	K-40	21.6	0.0977	1.21	32.4	0.00 - 0.50
7-00119	70202	Na-22	0.0046 U	0.0181	0.0054	0.037	0.00 - 0.50
7-00119	70202	Nb-94	0.0048 U	0.0131	0.004	0.0214	0.00 - 0.50
7-00119	70202	Np-236	-0.0017 U	0.0307	0.0093	0.047	0.00 - 0.50
7-00119	70202	Np-239	0.0164 U	0.109	0.0338	0.139	0.00 - 0.50
7-00119	70202	Pa-231	-0.0003 U	0.67	0.195	0.936	0.00 - 0.50
7-00119	70202	Pb-212	1.23	0.0277	0.0723	2.69	0.00 - 0.50
7-00119	70202	Pb-214	0.892	0.027	0.043	1.7	0.00 - 0.50
7-00119	70202	Pu-236	0.0018 U	0.0197	0.0047	7.79	0.00 - 0.50
7-00119	70202	Pu-238	-0.0015 U	0.0135	0.0026	0.0415	0.00 - 0.50
7-00119	70202	Pu-239/240	0.0006 U	0.0135	0.0026	0.0404	0.00 - 0.50
7-00119	70202	Pu-244	0.0042	0.0057	0.003	0.0313	0.00 - 0.50
7-00119	70202	Sb-125	0.0086 U	0.0366	0.0109	0.354	0.00 - 0.50
7-00119	70202	Sn-126	-0.0024 U	0.0133	0.0041	0.0237	0.00 - 0.50
7-00119	70202	Sr-90	-0.0931 U	0.262	0.0596	0.485	0.00 - 0.50
7-00119	70202	Th-228	1.12	0.0826	0.115	3.98	0.00 - 0.50
7-00119	70202	Th-229	0.0735	0.0199	0.0236	0.145	0.00 - 0.50
7-00119	70202	Th-230	0.74	0.0789	0.0876	2.2	0.00 - 0.50
7-00119	70202	Th-232	1.09	0.0538	0.111	3.1	0.00 - 0.50
7-00119	70202	Th-234	1.35 J	0.238	0.144	3.19	0.00 - 0.50
7-00119	70202	Tl-208	0.375	0.0135	0.0216	0.937	0.00 - 0.50
7-00119	70202	Tm-171	-0.834 U	10.2	3.4	72.4	0.00 - 0.50
7-00119	70202	U-233/234	0.895	0.0525	0.103	2.02	0.00 - 0.50
7-00119	70202	U-235/236	0.0494	0.0223	0.0205	0.151	0.00 - 0.50
7-00119	70202	U-238	0.712	0.018	0.0872	1.8	0.00 - 0.50
7-00119	70203	Ac-227	0.11 J	0.198	0.0634	0.217	1.00 - 5.00
7-00119	70203	Ac-228	1.08	0.094	0.0551	2.4	1.00 - 5.00
7-00119	70203	Am-241	0.0101	0.0161	0.006	0.0454	1.00 - 5.00
7-00119	70203	Bi-212	0.797	0.132	0.0787	2.15	1.00 - 5.00
7-00119	70203	Bi-214	0.734	0.0295	0.0372	1.59	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00119	70203	Cd-113m	-9.69 U	128	41.4	3030	1.00 - 5.00
7-00119	70203	Cm-243/244	0.0087	0.0078	0.005	0.0443	1.00 - 5.00
7-00119	70203	Co-60	-0.0002 U	0.0189	0.0056	0.028	1.00 - 5.00
7-00119	70203	Cs-134	-0.0033 U	0.0143	0.005	0.0864	1.00 - 5.00
7-00119	70203	Cs-137	-0.0052 U	0.0174	0.0054	0.207	1.00 - 5.00
7-00119	70203	Eu-152	-0.0064 U	0.0485	0.016	0.0566	1.00 - 5.00
7-00119	70203	Eu-154	-0.0479 U	0.1	0.0321	0.15	1.00 - 5.00
7-00119	70203	Eu-155	0.0841 JS	0.0696	0.0258	0.231	1.00 - 5.00
7-00119	70203	Ho-166m	0.0117 U	0.027	0.0083	0.0432	1.00 - 5.00
7-00119	70203	K-40	21.5	0.124	1.33	32.4	1.00 - 5.00
7-00119	70203	Na-22	-0.0066 U	0.022	0.0068	0.037	1.00 - 5.00
7-00119	70203	Nb-94	0.0052 U	0.0153	0.0046	0.0214	1.00 - 5.00
7-00119	70203	Np-236	0.0065 U	0.0383	0.0118	0.047	1.00 - 5.00
7-00119	70203	Np-239	0.03 U	0.13	0.039	0.139	1.00 - 5.00
7-00119	70203	Pa-231	-0.154 U	0.805	0.254	0.936	1.00 - 5.00
7-00119	70203	Pb-212	1.19	0.0326	0.0774	2.69	1.00 - 5.00
7-00119	70203	Pb-214	0.807	0.0356	0.0417	1.7	1.00 - 5.00
7-00119	70203	Pu-236	0.0032 U	0.0161	0.004	7.79	1.00 - 5.00
7-00119	70203	Pu-238	-0.0011 U	0.0196	0.0036	0.0415	1.00 - 5.00
7-00119	70203	Pu-239/240	-0.0015 U	0.0271	0.0059	0.0404	1.00 - 5.00
7-00119	70203	Pu-244	0.0025	0.0067	0.0025	0.0313	1.00 - 5.00
7-00119	70203	Sb-125	0.0242 JS	0.0451	0.0145	0.354	1.00 - 5.00
7-00119	70203	Sn-126	0.0012 U	0.0169	0.005	0.0237	1.00 - 5.00
7-00119	70203	Sr-90	0.0406 U	0.336	0.0945	0.485	1.00 - 5.00
7-00119	70203	Th-228	1.22	0.114	0.112	3.98	1.00 - 5.00
7-00119	70203	Th-229	0.0387	0.0664	0.0215	0.145	1.00 - 5.00
7-00119	70203	Th-230	0.805	0.0406	0.0813	2.2	1.00 - 5.00
7-00119	70203	Th-232	1.04	0.0511	0.0967	3.1	1.00 - 5.00
7-00119	70203	Th-234	1.41 J	0.377	0.372	3.19	1.00 - 5.00
7-00119	70203	Tl-208	0.363	0.0167	0.0219	0.937	1.00 - 5.00
7-00119	70203	Tm-171	-5.75 U	15.6	4.94	72.4	1.00 - 5.00
7-00119	70203	U-233/234	0.823	0.0377	0.0929	2.02	1.00 - 5.00
7-00119	70203	U-235/236	0.0606	0.0466	0.023	0.151	1.00 - 5.00
7-00119	70203	U-238	0.868	0.0467	0.0967	1.8	1.00 - 5.00
7-00120	70204	Ac-227	-0.0671 U	0.21	0.0647	0.217	0.00 - 0.50
7-00120	70204	Ac-228	1.19	0.114	0.0613	2.4	0.00 - 0.50
7-00120	70204	Am-241	0.0028 U	0.0139	0.0035	0.0454	0.00 - 0.50
7-00120	70204	Bi-212	0.738 J	0.151	0.0911	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00120	70204	Bi-214	0.917	0.0369	0.046	1.59	0.00 - 0.50
7-00120	70204	Cd-113m	40.8 U	143	42.9	3030	0.00 - 0.50
7-00120	70204	Cm-243/244	-0.0032 U	0.0173	0.0031	0.0443	0.00 - 0.50
7-00120	70204	Co-60	0.0106 U	0.0227	0.0068	0.028	0.00 - 0.50
7-00120	70204	Cs-134	0.0069 U	0.0178	0.006	0.0864	0.00 - 0.50
7-00120	70204	Cs-137	0.0895	0.019	0.0093	0.207	0.00 - 0.50
7-00120	70204	Eu-152	-0.013 U	0.0515	0.0181	0.0566	0.00 - 0.50
7-00120	70204	Eu-154	-0.0762 U	0.12	0.0403	0.15	0.00 - 0.50
7-00120	70204	Eu-155	0.0901 SJ	0.077	0.0311	0.231	0.00 - 0.50
7-00120	70204	Ho-166m	-0.0057 U	0.0309	0.0093	0.0432	0.00 - 0.50
7-00120	70204	K-40	21.6	0.174	1.31	32.4	0.00 - 0.50
7-00120	70204	Na-22	0.0027 U	0.0252	0.0074	0.037	0.00 - 0.50
7-00120	70204	Nb-94	0.0075 U	0.0178	0.0054	0.0214	0.00 - 0.50
7-00120	70204	Np-236	0.0135 U	0.0402	0.0125	0.047	0.00 - 0.50
7-00120	70204	Np-239	0.0617 U	0.145	0.0446	0.139	0.00 - 0.50
7-00120	70204	Pa-231	0.0727 U	0.887	0.262	0.936	0.00 - 0.50
7-00120	70204	Pb-212	1.3	0.0356	0.0878	2.69	0.00 - 0.50
7-00120	70204	Pb-214	0.96	0.0393	0.052	1.7	0.00 - 0.50
7-00120	70204	Pu-236	-0.0051 U	0.0274	0.0048	7.79	0.00 - 0.50
7-00120	70204	Pu-238	-0.0033 U	0.0473	0.0118	0.0415	0.00 - 0.50
7-00120	70204	Pu-239/240	0.0121	0.0209	0.0071	0.0404	0.00 - 0.50
7-00120	70204	Pu-244	0.0034 U	0.0169	0.0042	0.0313	0.00 - 0.50
7-00120	70204	Sb-125	-0.0039 U	0.0504	0.0154	0.354	0.00 - 0.50
7-00120	70204	Sn-126	-0.0007 U	0.019	0.0056	0.0237	0.00 - 0.50
7-00120	70204	Sr-90	0.228	0.283	0.0958	0.485	0.00 - 0.50
7-00120	70204	Th-228	1.06	0.107	0.106	3.98	0.00 - 0.50
7-00120	70204	Th-229	0.0491	0.0737	0.0247	0.145	0.00 - 0.50
7-00120	70204	Th-230	0.961	0.0166	0.0945	2.2	0.00 - 0.50
7-00120	70204	Th-232	1.05	0.0165	0.1	3.1	0.00 - 0.50
7-00120	70204	Th-234	1.39 J	0.402	0.368	3.19	0.00 - 0.50
7-00120	70204	Tl-208	0.401	0.0179	0.0255	0.937	0.00 - 0.50
7-00120	70204	Tm-171	-7.68 U	16.4	5.27	72.4	0.00 - 0.50
7-00120	70204	U-233/234	0.726	0.119	0.109	2.02	0.00 - 0.50
7-00120	70204	U-235/236	0.0787	0.0355	0.0327	0.151	0.00 - 0.50
7-00120	70204	U-238	0.615	0.0287	0.0951	1.8	0.00 - 0.50
7-00120	70205	Ac-227	-0.0441 U	0.197	0.0599	0.217	1.00 - 5.00
7-00120	70205	Ac-228	1.2	0.0992	0.0578	2.4	1.00 - 5.00
7-00120	70205	Am-241	-0.0032 U	0.0214	0.0039	0.0454	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00120	70205	Bi-212	0.82 J	0.131	0.0834	2.15	1.00 - 5.00
7-00120	70205	Bi-214	0.952	0.0292	0.0463	1.59	1.00 - 5.00
7-00120	70205	Cd-113m	27.8 U	130	40.4	3030	1.00 - 5.00
7-00120	70205	Cm-243/244	0 U	0.0214	0.0039	0.0443	1.00 - 5.00
7-00120	70205	Co-60	0.0054 U	0.0197	0.0057	0.028	1.00 - 5.00
7-00120	70205	Cs-134	0.0005 U	0.0145	0.005	0.0864	1.00 - 5.00
7-00120	70205	Cs-137	-0.0067 U	0.0171	0.0055	0.207	1.00 - 5.00
7-00120	70205	Eu-152	-0.0279 U	0.0471	0.0165	0.0566	1.00 - 5.00
7-00120	70205	Eu-154	0.0207 U	0.0987	0.0334	0.15	1.00 - 5.00
7-00120	70205	Eu-155	0.0512 JS	0.0713	0.0247	0.231	1.00 - 5.00
7-00120	70205	Ho-166m	-0.0071 U	0.0262	0.0081	0.0432	1.00 - 5.00
7-00120	70205	K-40	22.1	0.128	1.39	32.4	1.00 - 5.00
7-00120	70205	Na-22	-0.0154 UJ	0.0207	0.0075	0.037	1.00 - 5.00
7-00120	70205	Nb-94	0.0009 U	0.0155	0.0046	0.0214	1.00 - 5.00
7-00120	70205	Np-236	-0.0194 U	0.0372	0.0124	0.047	1.00 - 5.00
7-00120	70205	Np-239	-0.0715 U	0.131	0.0428	0.139	1.00 - 5.00
7-00120	70205	Pa-231	-0.242 U	0.789	0.254	0.936	1.00 - 5.00
7-00120	70205	Pb-212	1.38	0.0329	0.0841	2.69	1.00 - 5.00
7-00120	70205	Pb-214	1.08	0.0349	0.0518	1.7	1.00 - 5.00
7-00120	70205	Pu-236	-0.0029 U	0.0226	0.004	7.79	1.00 - 5.00
7-00120	70205	Pu-238	-0.0022 U	0.0248	0.005	0.0415	1.00 - 5.00
7-00120	70205	Pu-239/240	0.0032 U	0.0157	0.0039	0.0404	1.00 - 5.00
7-00120	70205	Pu-244	0.0007 U	0.0157	0.003	0.0313	1.00 - 5.00
7-00120	70205	Sb-125	-0.0159 U	0.0432	0.0133	0.354	1.00 - 5.00
7-00120	70205	Sn-126	-0.0053 U	0.0167	0.0052	0.0237	1.00 - 5.00
7-00120	70205	Sr-90	0.517	0.443	0.157	0.485	1.00 - 5.00
7-00120	70205	Th-228	1.2	0.0976	0.112	3.98	1.00 - 5.00
7-00120	70205	Th-229	0.0345	0.0534	0.0183	0.145	1.00 - 5.00
7-00120	70205	Th-230	0.838	0.0156	0.0847	2.2	1.00 - 5.00
7-00120	70205	Th-232	1.12	0.0155	0.103	3.1	1.00 - 5.00
7-00120	70205	Th-234	1.54 J	0.298	0.163	3.19	1.00 - 5.00
7-00120	70205	Tl-208	0.423	0.0165	0.0245	0.937	1.00 - 5.00
7-00120	70205	Tm-171	-2.27 U	15.3	5.14	72.4	1.00 - 5.00
7-00120	70205	U-233/234	0.896	0.0522	0.103	2.02	1.00 - 5.00
7-00120	70205	U-235/236	0.0736	0.0222	0.0252	0.151	1.00 - 5.00
7-00120	70205	U-238	0.929	0.0422	0.105	1.8	1.00 - 5.00
7-00121	70206	Ac-227	0.0118 U	0.19	0.0566	0.217	0.00 - 0.50
7-00121	70206	Ac-228	1.18	0.0919	0.0579	2.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00121	70206	Am-241	0.0109	0.0163	0.006	0.0454	0.00 - 0.50
7-00121	70206	Bi-212	0.898	0.129	0.0853	2.15	0.00 - 0.50
7-00121	70206	Bi-214	0.929	0.0285	0.045	1.59	0.00 - 0.50
7-00121	70206	Cd-113m	15 U	124	37.1	3030	0.00 - 0.50
7-00121	70206	Cm-243/244	0.0062 U	0.0279	0.0075	0.0443	0.00 - 0.50
7-00121	70206	Co-60	0.0007 U	0.0177	0.0052	0.028	0.00 - 0.50
7-00121	70206	Cs-134	-0.0002 U	0.0143	0.0049	0.0864	0.00 - 0.50
7-00121	70206	Cs-137	0.0758	0.017	0.0089	0.207	0.00 - 0.50
7-00121	70206	Eu-152	-0.0035 U	0.046	0.0145	0.0566	0.00 - 0.50
7-00121	70206	Eu-154	-0.0224 U	0.0982	0.0295	0.15	0.00 - 0.50
7-00121	70206	Eu-155	0.0338 JS	0.0663	0.0217	0.231	0.00 - 0.50
7-00121	70206	Ho-166m	-0.005 U	0.0258	0.0079	0.0432	0.00 - 0.50
7-00121	70206	K-40	23.2	0.127	1.42	32.4	0.00 - 0.50
7-00121	70206	Na-22	-0.0142 UJ	0.0202	0.0071	0.037	0.00 - 0.50
7-00121	70206	Nb-94	0.0036 U	0.0147	0.0044	0.0214	0.00 - 0.50
7-00121	70206	Np-236	-0.0107 U	0.0349	0.0111	0.047	0.00 - 0.50
7-00121	70206	Np-239	-0.0063 U	0.125	0.0371	0.139	0.00 - 0.50
7-00121	70206	Pa-231	-0.241 UJ	0.759	0.255	0.936	0.00 - 0.50
7-00121	70206	Pb-212	1.37	0.0325	0.0881	2.69	0.00 - 0.50
7-00121	70206	Pb-214	1.04	0.0329	0.0506	1.7	0.00 - 0.50
7-00121	70206	Pu-236	0.0008 U	0.0189	0.0037	7.79	0.00 - 0.50
7-00121	70206	Pu-238	0.0074 U	0.0227	0.0065	0.0415	0.00 - 0.50
7-00121	70206	Pu-239/240	0.0037 U	0.0183	0.0046	0.0404	0.00 - 0.50
7-00121	70206	Pu-244	0.0037 U	0.0183	0.0046	0.0313	0.00 - 0.50
7-00121	70206	Sb-125	0.0298 JS	0.0446	0.015	0.354	0.00 - 0.50
7-00121	70206	Sn-126	0.0031 U	0.0166	0.0049	0.0237	0.00 - 0.50
7-00121	70206	Sr-90	0.325	0.327	0.112	0.485	0.00 - 0.50
7-00121	70206	Th-228	1.08	0.0706	0.112	3.98	0.00 - 0.50
7-00121	70206	Th-229	0.0431	0.0529	0.0205	0.145	0.00 - 0.50
7-00121	70206	Th-230	0.753	0.0528	0.0866	2.2	0.00 - 0.50
7-00121	70206	Th-232	0.994	0.0527	0.103	3.1	0.00 - 0.50
7-00121	70206	Th-234	1.45 J	0.287	0.166	3.19	0.00 - 0.50
7-00121	70206	Tl-208	0.413	0.0158	0.024	0.937	0.00 - 0.50
7-00121	70206	Tm-171	-8.77 U	15.3	5.64	72.4	0.00 - 0.50
7-00121	70206	U-233/234	0.803	0.0529	0.0914	2.02	0.00 - 0.50
7-00121	70206	U-235/236	0.0309	0.046	0.0171	0.151	0.00 - 0.50
7-00121	70206	U-238	0.929	0.0158	0.101	1.8	0.00 - 0.50
7-00121	70207	Ac-227	0.107 U	0.277	0.0849	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00121	70207	Ac-228	1.24	0.12	0.0661	2.4	1.00 - 5.00
7-00121	70207	Am-241	0.0066	0.0089	0.0047	0.0454	1.00 - 5.00
7-00121	70207	Bi-212	0.734 J	0.224	0.192	2.15	1.00 - 5.00
7-00121	70207	Bi-214	0.981	0.0374	0.0495	1.59	1.00 - 5.00
7-00121	70207	Cd-113m	-190 UJ	182	79.4	3030	1.00 - 5.00
7-00121	70207	Cm-243/244	0.0099	0.0089	0.0058	0.0443	1.00 - 5.00
7-00121	70207	Co-60	-0.0032 U	0.021	0.0062	0.028	1.00 - 5.00
7-00121	70207	Cs-134	0.0756 JS	0.0244	0.0193	0.0864	1.00 - 5.00
7-00121	70207	Cs-137	0.006 U	0.0223	0.0067	0.207	1.00 - 5.00
7-00121	70207	Eu-152	0.0375 J	0.0656	0.0383	0.0566	1.00 - 5.00
7-00121	70207	Eu-154	-0.0099 U	0.113	0.0341	0.15	1.00 - 5.00
7-00121	70207	Eu-155	0.0191 U	0.102	0.0314	0.231	1.00 - 5.00
7-00121	70207	Ho-166m	0.0022 U	0.0334	0.0099	0.0432	1.00 - 5.00
7-00121	70207	K-40	20.7	0.167	1.35	32.4	1.00 - 5.00
7-00121	70207	Na-22	-0.0023 U	0.0247	0.0073	0.037	1.00 - 5.00
7-00121	70207	Nb-94	-0.0018 U	0.019	0.0057	0.0214	1.00 - 5.00
7-00121	70207	Np-236	-0.0275 U	0.0547	0.0181	0.047	1.00 - 5.00
7-00121	70207	Np-239	-0.0797 U	0.186	0.0636	0.139	1.00 - 5.00
7-00121	70207	Pa-231	0.0143 U	1.13	0.43	0.936	1.00 - 5.00
7-00121	70207	Pb-212	1.48	0.046	0.107	2.69	1.00 - 5.00
7-00121	70207	Pb-214	1.16	0.0461	0.0624	1.7	1.00 - 5.00
7-00121	70207	Pu-236	-0.0023 U	0.0183	0.0032	7.79	1.00 - 5.00
7-00121	70207	Pu-238	-0.0014 U	0.0127	0.0025	0.0415	1.00 - 5.00
7-00121	70207	Pu-239/240	0.0011 U	0.0157	0.0035	0.0404	1.00 - 5.00
7-00121	70207	Pu-244	0	0.0054	0.002	0.0313	1.00 - 5.00
7-00121	70207	Sb-125	-0.0137 U	0.0577	0.0175	0.354	1.00 - 5.00
7-00121	70207	Sn-126	-0.0108 U	0.0213	0.007	0.0237	1.00 - 5.00
7-00121	70207	Sr-90	0.0077 U	0.296	0.081	0.485	1.00 - 5.00
7-00121	70207	Th-228	1.06	0.0836	0.103	3.98	1.00 - 5.00
7-00121	70207	Th-229	0.0524	0.0158	0.0177	0.145	1.00 - 5.00
7-00121	70207	Th-230	0.812	0.0427	0.0839	2.2	1.00 - 5.00
7-00121	70207	Th-232	1.04	0.0426	0.0987	3.1	1.00 - 5.00
7-00121	70207	Th-234	0.891 J	0.527	0.278	3.19	1.00 - 5.00
7-00121	70207	Tl-208	0.422	0.0206	0.0259	0.937	1.00 - 5.00
7-00121	70207	Tm-171	2.48 U	26.6	8.72	72.4	1.00 - 5.00
7-00121	70207	U-233/234	0.802	0.0551	0.0929	2.02	1.00 - 5.00
7-00121	70207	U-235/236	0.0527	0.0204	0.0203	0.151	1.00 - 5.00
7-00121	70207	U-238	0.977	0.0388	0.106	1.8	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00122	70208	Ac-227	0.112 U	0.244	0.0752	0.217	0.00 - 0.50
7-00122	70208	Ac-228	1.47	0.13	0.0732	2.4	0.00 - 0.50
7-00122	70208	Am-241	0.0012 U	0.0166	0.0037	0.0454	0.00 - 0.50
7-00122	70208	Bi-212	1.15	0.172	0.107	2.15	0.00 - 0.50
7-00122	70208	Bi-214	1.41	0.0393	0.0662	1.59	0.00 - 0.50
7-00122	70208	C-14	0.122 U	0.748	0.225	2.96	0.00 - 0.50
7-00122	70208	Cd-113m	13.2 U	157	46.2	3030	0.00 - 0.50
7-00122	70208	Cm-243/244	0.009	0.0134	0.005	0.0443	0.00 - 0.50
7-00122	70208	Co-60	-0.0094 U	0.0231	0.0074	0.028	0.00 - 0.50
7-00122	70208	Cs-134	0.0505 SK	0.0195	0.0082	0.0864	0.00 - 0.50
7-00122	70208	Cs-137	0.195	0.0222	0.0145	0.207	0.00 - 0.50
7-00122	70208	Eu-152	-0.0221 U	0.0599	0.0204	0.0566	0.00 - 0.50
7-00122	70208	Eu-154	0.0436 U	0.129	0.0432	0.15	0.00 - 0.50
7-00122	70208	Eu-155	0.0944 JS	0.0799	0.0308	0.231	0.00 - 0.50
7-00122	70208	H-3	1.72 U	8.32	2.37	11.9	0.00 - 0.50
7-00122	70208	Ho-166m	-0.0067 U	0.0353	0.0107	0.0432	0.00 - 0.50
7-00122	70208	K-40	22.3	0.17	1.37	32.4	0.00 - 0.50
7-00122	70208	Na-22	0.0042 U	0.0277	0.0094	0.037	0.00 - 0.50
7-00122	70208	Nb-94	0.005 U	0.0204	0.0061	0.0214	0.00 - 0.50
7-00122	70208	Ni-59	0.31 U	4.33	1.13	5.96	0.00 - 0.50
7-00122	70208	Ni-63	0.102 U	1.68	0.499	4.92	0.00 - 0.50
7-00122	70208	Np-236	-0.0124 U	0.0427	0.0133	0.047	0.00 - 0.50
7-00122	70208	Np-239	0.0452 U	0.156	0.0464	0.139	0.00 - 0.50
7-00122	70208	Pa-231	-0.132 U	1.02	0.313	0.936	0.00 - 0.50
7-00122	70208	Pb-212	1.77	0.0407	0.106	2.69	0.00 - 0.50
7-00122	70208	Pb-214	1.58	0.0427	0.0759	1.7	0.00 - 0.50
7-00122	70208	Pu-236	0.0021 UJ	0.029	0.0064	7.79	0.00 - 0.50
7-00122	70208	Pu-238	0.0188	0.0226	0.0091	0.0415	0.00 - 0.50
7-00122	70208	Pu-239/240	0.0142	0.0096	0.0071	0.0404	0.00 - 0.50
7-00122	70208	Pu-244	0	0.0096	0.0036	0.0313	0.00 - 0.50
7-00122	70208	Sb-125	-0.031 U	0.0572	0.0192	0.354	0.00 - 0.50
7-00122	70208	Sn-126	-0.0002 U	0.0216	0.0064	0.0237	0.00 - 0.50
7-00122	70208	Sr-90	0.0104 U	0.162	0.044	0.485	0.00 - 0.50
7-00122	70208	Tc-99	-0.903 U	1.66	0.484	1.63	0.00 - 0.50
7-00122	70208	Th-228	1.24 J	0.177	0.156	3.98	0.00 - 0.50
7-00122	70208	Th-229	0 UJ	0.11	0.0238	0.145	0.00 - 0.50
7-00122	70208	Th-230	0.782	0.11	0.112	2.2	0.00 - 0.50
7-00122	70208	Th-232	0.815	0.11	0.115	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00122	70208	Th-234	2.18 J	0.346	0.22	3.19	0.00 - 0.50
7-00122	70208	Tl-208	0.515	0.0227	0.0307	0.937	0.00 - 0.50
7-00122	70208	Tm-171	3.65 U	18.5	6.07	72.4	0.00 - 0.50
7-00122	70208	U-233/234	1.3	0.0419	0.127	2.02	0.00 - 0.50
7-00122	70208	U-235/236	0.0723	0.0178	0.0224	0.151	0.00 - 0.50
7-00122	70208	U-238	1.34	0.0339	0.129	1.8	0.00 - 0.50
7-00123	70209	Ac-227	0.0257 U	0.196	0.0577	0.217	0.00 - 0.50
7-00123	70209	Ac-228	1.27	0.107	0.0612	2.4	0.00 - 0.50
7-00123	70209	Am-241	0.015	0.0303	0.0095	0.0454	0.00 - 0.50
7-00123	70209	Bi-212	0.817	0.145	0.0798	2.15	0.00 - 0.50
7-00123	70209	Bi-214	1.02	0.0336	0.0492	1.59	0.00 - 0.50
7-00123	70209	Cd-113m	29 U	131	41.7	3030	0.00 - 0.50
7-00123	70209	Cm-243/244	0.0191	0.0252	0.0091	0.0443	0.00 - 0.50
7-00123	70209	Co-60	0.0014 U	0.02	0.0058	0.028	0.00 - 0.50
7-00123	70209	Cs-134	0.0078 U	0.0169	0.0058	0.0864	0.00 - 0.50
7-00123	70209	Cs-137	0.0237	0.0209	0.0081	0.207	0.00 - 0.50
7-00123	70209	Eu-152	-0.027 U	0.048	0.018	0.0566	0.00 - 0.50
7-00123	70209	Eu-154	-0.0167 U	0.108	0.0315	0.15	0.00 - 0.50
7-00123	70209	Eu-155	0.0658 JS	0.067	0.0281	0.231	0.00 - 0.50
7-00123	70209	Ho-166m	-0.0022 U	0.0284	0.0084	0.0432	0.00 - 0.50
7-00123	70209	K-40	22.1	0.143	1.2	32.4	0.00 - 0.50
7-00123	70209	Na-22	0.0024 U	0.0232	0.0076	0.037	0.00 - 0.50
7-00123	70209	Nb-94	0.0053 U	0.0172	0.0051	0.0214	0.00 - 0.50
7-00123	70209	Np-236	-0.0185 U	0.0353	0.0117	0.047	0.00 - 0.50
7-00123	70209	Np-239	-0.002 U	0.129	0.0378	0.139	0.00 - 0.50
7-00123	70209	Pa-231	-0.366 UJ	0.805	0.257	0.936	0.00 - 0.50
7-00123	70209	Pb-212	1.43	0.0334	0.0823	2.69	0.00 - 0.50
7-00123	70209	Pb-214	1.07	0.0346	0.0517	1.7	0.00 - 0.50
7-00123	70209	Pu-236	-0.005 U	0.0341	0.0067	7.79	0.00 - 0.50
7-00123	70209	Pu-238	0.0117	0.0275	0.0084	0.0415	0.00 - 0.50
7-00123	70209	Pu-239/240	0.0091	0.0082	0.0053	0.0404	0.00 - 0.50
7-00123	70209	Pu-244	0	0.0082	0.003	0.0313	0.00 - 0.50
7-00123	70209	Sb-125	0.0195 U	0.0483	0.015	0.354	0.00 - 0.50
7-00123	70209	Sn-126	0.0001 U	0.0187	0.0055	0.0237	0.00 - 0.50
7-00123	70209	Sr-90	0.179	0.145	0.0546	0.485	0.00 - 0.50
7-00123	70209	Th-228	1.15	0.129	0.125	3.98	0.00 - 0.50
7-00123	70209	Th-229	0.0162 U	0.0754	0.0199	0.145	0.00 - 0.50
7-00123	70209	Th-230	0.753	0.0596	0.0911	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00123	70209	Th-232	1.11	0.0595	0.117	3.1	0.00 - 0.50
7-00123	70209	Th-234	1.48	0.292	0.134	3.19	0.00 - 0.50
7-00123	70209	Tl-208	0.449	0.0177	0.0267	0.937	0.00 - 0.50
7-00123	70209	Tm-171	0.727 U	11.6	3.85	72.4	0.00 - 0.50
7-00123	70209	U-233/234	0.824	0.0166	0.0938	2.02	0.00 - 0.50
7-00123	70209	U-235/236	0.0454	0.0205	0.0188	0.151	0.00 - 0.50
7-00123	70209	U-238	0.89	0.0483	0.0996	1.8	0.00 - 0.50
7-00123	70210	Ac-227	-0.114 U	0.19	0.0637	0.217	1.00 - 5.00
7-00123	70210	Ac-228	1.15	0.0952	0.0557	2.4	1.00 - 5.00
7-00123	70210	Am-241	0.0057 U	0.0174	0.005	0.0454	1.00 - 5.00
7-00123	70210	Bi-212	0.847	0.124	0.073	2.15	1.00 - 5.00
7-00123	70210	Bi-214	0.888	0.0294	0.0434	1.59	1.00 - 5.00
7-00123	70210	Cd-113m	17.5 U	131	42.1	3030	1.00 - 5.00
7-00123	70210	Cm-243/244	-0.001 U	0.0175	0.0032	0.0443	1.00 - 5.00
7-00123	70210	Co-60	-0.0009 U	0.0178	0.0051	0.028	1.00 - 5.00
7-00123	70210	Cs-134	0.0042 U	0.0144	0.0049	0.0864	1.00 - 5.00
7-00123	70210	Cs-137	0.0217	0.0182	0.0075	0.207	1.00 - 5.00
7-00123	70210	Eu-152	-0.014 U	0.0463	0.0151	0.0566	1.00 - 5.00
7-00123	70210	Eu-154	-0.0178 U	0.103	0.0308	0.15	1.00 - 5.00
7-00123	70210	Eu-155	0.0712 JS	0.0675	0.0253	0.231	1.00 - 5.00
7-00123	70210	Ho-166m	0.0069 U	0.0273	0.0082	0.0432	1.00 - 5.00
7-00123	70210	K-40	21.3	0.134	1.34	32.4	1.00 - 5.00
7-00123	70210	Na-22	-0.0193 UJ	0.0215	0.0082	0.037	1.00 - 5.00
7-00123	70210	Nb-94	0.0003 U	0.0149	0.0045	0.0214	1.00 - 5.00
7-00123	70210	Np-236	0.0219 JS	0.0377	0.0125	0.047	1.00 - 5.00
7-00123	70210	Np-239	-0.0489 U	0.129	0.0403	0.139	1.00 - 5.00
7-00123	70210	Pa-231	0.226 U	0.817	0.248	0.936	1.00 - 5.00
7-00123	70210	Pb-212	1.31	0.0321	0.0799	2.69	1.00 - 5.00
7-00123	70210	Pb-214	1.05	0.0327	0.0505	1.7	1.00 - 5.00
7-00123	70210	Pu-236	0.0062	0.0174	0.0051	7.79	1.00 - 5.00
7-00123	70210	Pu-238	0.0027	0.0073	0.0027	0.0415	1.00 - 5.00
7-00123	70210	Pu-239/240	0.008	0.0072	0.0047	0.0404	1.00 - 5.00
7-00123	70210	Pu-244	0	0.0072	0.0027	0.0313	1.00 - 5.00
7-00123	70210	Sb-125	-0.0196 U	0.0421	0.0133	0.354	1.00 - 5.00
7-00123	70210	Sn-126	0 U	0.017	0.0051	0.0237	1.00 - 5.00
7-00123	70210	Sr-90	0.0556 U	0.195	0.0576	0.485	1.00 - 5.00
7-00123	70210	Th-228	1.08	0.0929	0.102	3.98	1.00 - 5.00
7-00123	70210	Th-229	0.0328	0.0508	0.0174	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00123	70210	Th-230	0.934	0.0148	0.0891	2.2	1.00 - 5.00
7-00123	70210	Th-232	1.25	0.0147	0.109	3.1	1.00 - 5.00
7-00123	70210	Th-234	1.49 J	0.302	0.164	3.19	1.00 - 5.00
7-00123	70210	Tl-208	0.389	0.0157	0.0234	0.937	1.00 - 5.00
7-00123	70210	Tm-171	-6.96 U	14.9	5.29	72.4	1.00 - 5.00
7-00123	70210	U-233/234	0.805	0.0452	0.0869	2.02	1.00 - 5.00
7-00123	70210	U-235/236	0.0803	0.0167	0.023	0.151	1.00 - 5.00
7-00123	70210	U-238	0.826	0.0318	0.0881	1.8	1.00 - 5.00
7-00124	70211	Ac-227	-0.0909 U	0.209	0.0659	0.217	0.00 - 0.50
7-00124	70211	Ac-228	1.33	0.115	0.0645	2.4	0.00 - 0.50
7-00124	70211	Am-241	0.0135	0.0264	0.0084	0.0454	0.00 - 0.50
7-00124	70211	Bi-212	0.893	0.148	0.0847	2.15	0.00 - 0.50
7-00124	70211	Bi-214	1.24	0.034	0.0593	1.59	0.00 - 0.50
7-00124	70211	Cd-113m	131 J	144	51.6	3030	0.00 - 0.50
7-00124	70211	Cm-243/244	0.0037 U	0.0288	0.0073	0.0443	0.00 - 0.50
7-00124	70211	Co-60	0.0034 U	0.0215	0.0063	0.028	0.00 - 0.50
7-00124	70211	Cs-134	0.0036 U	0.0175	0.0059	0.0864	0.00 - 0.50
7-00124	70211	Cs-137	0.144	0.0201	0.0122	0.207	0.00 - 0.50
7-00124	70211	Eu-152	-0.0332 U	0.0517	0.0177	0.0566	0.00 - 0.50
7-00124	70211	Eu-154	-0.0952 UJ	0.112	0.0415	0.15	0.00 - 0.50
7-00124	70211	Eu-155	0.0889 JS	0.0717	0.0277	0.231	0.00 - 0.50
7-00124	70211	Ho-166m	0.0005 U	0.0299	0.0088	0.0432	0.00 - 0.50
7-00124	70211	K-40	21.8	0.151	1.34	32.4	0.00 - 0.50
7-00124	70211	Na-22	0.0027 U	0.0248	0.0085	0.037	0.00 - 0.50
7-00124	70211	Nb-94	0.0099 JS	0.0177	0.0056	0.0214	0.00 - 0.50
7-00124	70211	Np-236	-0.005 U	0.0389	0.0118	0.047	0.00 - 0.50
7-00124	70211	Np-239	-0.0922 UJ	0.135	0.0457	0.139	0.00 - 0.50
7-00124	70211	Pa-231	-0.191 UJ	0.862	0.269	0.936	0.00 - 0.50
7-00124	70211	Pb-212	1.47	0.0358	0.0882	2.69	0.00 - 0.50
7-00124	70211	Pb-214	1.31	0.0374	0.0616	1.7	0.00 - 0.50
7-00124	70211	Pu-236	-0.0042 U	0.0288	0.0057	7.79	0.00 - 0.50
7-00124	70211	Pu-238	0.0094 U	0.0299	0.0086	0.0415	0.00 - 0.50
7-00124	70211	Pu-239/240	0.0154	0.0069	0.0063	0.0404	0.00 - 0.50
7-00124	70211	Pu-244	0	0.0069	0.0026	0.0313	0.00 - 0.50
7-00124	70211	Sb-125	0.0075 U	0.0504	0.0152	0.354	0.00 - 0.50
7-00124	70211	Sn-126	0.0033 U	0.0202	0.006	0.0237	0.00 - 0.50
7-00124	70211	Sr-90	-0.0868 U	0.216	0.0502	0.485	0.00 - 0.50
7-00124	70211	Th-228	1.5	0.104	0.139	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00124	70211	Th-229	0.0279	0.0647	0.0198	0.145	0.00 - 0.50
7-00124	70211	Th-230	1.04	0.0646	0.105	2.2	0.00 - 0.50
7-00124	70211	Th-232	1.44	0.0644	0.131	3.1	0.00 - 0.50
7-00124	70211	Th-234	1.76 J	0.307	0.179	3.19	0.00 - 0.50
7-00124	70211	Tl-208	0.481	0.0179	0.0285	0.937	0.00 - 0.50
7-00124	70211	Tm-171	-2.31 U	15.9	5.24	72.4	0.00 - 0.50
7-00124	70211	U-233/234	1.28	0.0368	0.128	2.02	0.00 - 0.50
7-00124	70211	U-235/236	0.0785	0.0193	0.0244	0.151	0.00 - 0.50
7-00124	70211	U-238	1.23	0.0156	0.124	1.8	0.00 - 0.50
7-00125	70212	Ac-227	-0.05 U	0.17	0.0522	0.217	0.00 - 0.50
7-00125	70212	Ac-228	0.969	0.0927	0.0504	2.4	0.00 - 0.50
7-00125	70212	Am-241	0	0.005	0.0019	0.0454	0.00 - 0.50
7-00125	70212	Bi-212	0.77	0.122	0.0733	2.15	0.00 - 0.50
7-00125	70212	Bi-214	0.707	0.0276	0.0366	1.59	0.00 - 0.50
7-00125	70212	Cd-113m	-14.9 U	113	36.2	3030	0.00 - 0.50
7-00125	70212	Cm-243/244	0.0019	0.005	0.0019	0.0443	0.00 - 0.50
7-00125	70212	Co-60	0.0038 U	0.0178	0.0052	0.028	0.00 - 0.50
7-00125	70212	Cs-134	0.0011 U	0.0136	0.0046	0.0864	0.00 - 0.50
7-00125	70212	Cs-137	0.0351	0.0162	0.0084	0.207	0.00 - 0.50
7-00125	70212	Eu-152	0.0182 UJ	0.0428	0.0149	0.0566	0.00 - 0.50
7-00125	70212	Eu-154	-0.0552 U	0.0926	0.0308	0.15	0.00 - 0.50
7-00125	70212	Eu-155	0.0518 JS	0.0629	0.0224	0.231	0.00 - 0.50
7-00125	70212	H-3	4.44 U	9.27	2.82	11.9	0.00 - 0.50
7-00125	70212	Ho-166m	-0.0064 U	0.0239	0.0073	0.0432	0.00 - 0.50
7-00125	70212	K-40	19.8	0.119	1.2	32.4	0.00 - 0.50
7-00125	70212	Na-22	0.0018 U	0.0207	0.007	0.037	0.00 - 0.50
7-00125	70212	Nb-94	0.0036 U	0.0142	0.0042	0.0214	0.00 - 0.50
7-00125	70212	Np-236	0.014 U	0.0337	0.0107	0.047	0.00 - 0.50
7-00125	70212	Np-239	-0.0593 U	0.112	0.0363	0.139	0.00 - 0.50
7-00125	70212	Pa-231	0.351 U	0.72	0.241	0.936	0.00 - 0.50
7-00125	70212	Pb-212	1.11	0.0293	0.0758	2.69	0.00 - 0.50
7-00125	70212	Pb-214	0.776	0.0295	0.0427	1.7	0.00 - 0.50
7-00125	70212	Pu-236	-0.0022 U	0.0248	0.005	7.79	0.00 - 0.50
7-00125	70212	Pu-238	0.0048	0.0065	0.0034	0.0415	0.00 - 0.50
7-00125	70212	Pu-239/240	0.0123	0.024	0.0076	0.0404	0.00 - 0.50
7-00125	70212	Pu-244	0.0013 U	0.0189	0.0042	0.0313	0.00 - 0.50
7-00125	70212	Sb-125	-0.0105 U	0.0398	0.0125	0.354	0.00 - 0.50
7-00125	70212	Sn-126	-0.0055 U	0.0157	0.0049	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00125	70212	Sr-90	0.104 U	0.322	0.0954	0.485	0.00 - 0.50
7-00125	70212	Th-228	1.16	0.0663	0.114	3.98	0.00 - 0.50
7-00125	70212	Th-229	0.0136	0.0184	0.0096	0.145	0.00 - 0.50
7-00125	70212	Th-230	0.84	0.063	0.091	2.2	0.00 - 0.50
7-00125	70212	Th-232	1.01	0.0183	0.102	3.1	0.00 - 0.50
7-00125	70212	Th-234	1.13 J	0.322	0.295	3.19	0.00 - 0.50
7-00125	70212	Tl-208	0.34	0.0157	0.0206	0.937	0.00 - 0.50
7-00125	70212	Tm-171	-4.36 U	13.5	4.17	72.4	0.00 - 0.50
7-00125	70212	U-233/234	0.803	0.0311	0.0857	2.02	0.00 - 0.50
7-00125	70212	U-235/236	0.0577	0.0476	0.0214	0.151	0.00 - 0.50
7-00125	70212	U-238	0.983	0.0311	0.0996	1.8	0.00 - 0.50
7-00125	70213	Ac-227	-0.0404 U	0.222	0.0665	0.217	1.00 - 5.00
7-00125	70213	Ac-228	1.14	0.128	0.0577	2.4	1.00 - 5.00
7-00125	70213	Am-241	-0.0014 U	0.026	0.0056	0.0454	1.00 - 5.00
7-00125	70213	Bi-212	0.869 J	0.187	0.1	2.15	1.00 - 5.00
7-00125	70213	Bi-214	0.824	0.0401	0.0462	1.59	1.00 - 5.00
7-00125	70213	Cd-113m	38.2 U	155	46	3030	1.00 - 5.00
7-00125	70213	Cm-243/244	0.012	0.0065	0.0054	0.0443	1.00 - 5.00
7-00125	70213	Co-60	0.0147 J	0.0263	0.008	0.028	1.00 - 5.00
7-00125	70213	Cs-134	0.0097 JS	0.0195	0.0066	0.0864	1.00 - 5.00
7-00125	70213	Cs-137	0.0216	0.0245	0.006	0.207	1.00 - 5.00
7-00125	70213	Eu-152	-0.0184 U	0.058	0.0206	0.0566	1.00 - 5.00
7-00125	70213	Eu-154	0.0069 U	0.142	0.0424	0.15	1.00 - 5.00
7-00125	70213	Eu-155	0.0635 JS	0.0775	0.0276	0.231	1.00 - 5.00
7-00125	70213	H-3	-1.01 U	8.09	2.19	11.9	1.00 - 5.00
7-00125	70213	Ho-166m	-0.0034 U	0.0357	0.0105	0.0432	1.00 - 5.00
7-00125	70213	K-40	21.3	0.17	1.22	32.4	1.00 - 5.00
7-00125	70213	Na-22	0.0127 U	0.0299	0.0089	0.037	1.00 - 5.00
7-00125	70213	Nb-94	0.0027 U	0.021	0.0061	0.0214	1.00 - 5.00
7-00125	70213	Np-236	-0.0133 U	0.0408	0.013	0.047	1.00 - 5.00
7-00125	70213	Np-239	-0.0575 U	0.151	0.0468	0.139	1.00 - 5.00
7-00125	70213	Pa-231	0.188 U	0.947	0.291	0.936	1.00 - 5.00
7-00125	70213	Pb-212	1.32	0.0385	0.0784	2.69	1.00 - 5.00
7-00125	70213	Pb-214	0.963	0.0407	0.0492	1.7	1.00 - 5.00
7-00125	70213	Pu-236	-0.0011 U	0.0391	0.0089	7.79	1.00 - 5.00
7-00125	70213	Pu-238	0.0018 U	0.0255	0.0056	0.0415	1.00 - 5.00
7-00125	70213	Pu-239/240	0.0027 U	0.0293	0.0069	0.0404	1.00 - 5.00
7-00125	70213	Pu-244	0.0032	0.0088	0.0032	0.0313	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00125	70213	Sb-125	0.0261 U	0.0573	0.0179	0.354	1.00 - 5.00
7-00125	70213	Sn-126	-0.0061 U	0.0221	0.0067	0.0237	1.00 - 5.00
7-00125	70213	Sr-90	0.0797 U	0.282	0.0818	0.485	1.00 - 5.00
7-00125	70213	Th-228	1.4	0.121	0.146	3.98	1.00 - 5.00
7-00125	70213	Th-229	0 UJ	0.0942	0.0214	0.145	1.00 - 5.00
7-00125	70213	Th-230	0.838	0.0643	0.101	2.2	1.00 - 5.00
7-00125	70213	Th-232	1.17	0.0641	0.125	3.1	1.00 - 5.00
7-00125	70213	Th-234	1.45 J	0.306	0.168	3.19	1.00 - 5.00
7-00125	70213	Tl-208	0.395	0.0217	0.0254	0.937	1.00 - 5.00
7-00125	70213	Tm-171	-5.47 U	13.5	4.75	72.4	1.00 - 5.00
7-00125	70213	U-233/234	0.875	0.0374	0.0968	2.02	1.00 - 5.00
7-00125	70213	U-235/236	0.0726	0.0197	0.0236	0.151	1.00 - 5.00
7-00125	70213	U-238	0.967	0.0463	0.104	1.8	1.00 - 5.00
7-00126	70214	Ac-227	-0.101 U	0.166	0.055	0.217	1.00 - 5.00
7-00126	70214	Ac-228	1.19	0.088	0.0564	2.4	1.00 - 5.00
7-00126	70214	Am-241	-0.0054 UJ	0.029	0.0051	0.0454	1.00 - 5.00
7-00126	70214	Bi-212	0.924	0.116	0.076	2.15	1.00 - 5.00
7-00126	70214	Bi-214	0.955	0.0268	0.045	1.59	1.00 - 5.00
7-00126	70214	Cd-113m	-83.9 UJ	111	41.1	3030	1.00 - 5.00
7-00126	70214	Cm-243/244	-0.0001 UJ	0.036	0.0085	0.0443	1.00 - 5.00
7-00126	70214	Co-60	0.0001 U	0.0162	0.0046	0.028	1.00 - 5.00
7-00126	70214	Cs-134	0.0113 JS	0.014	0.0053	0.0864	1.00 - 5.00
7-00126	70214	Cs-137	0.0011 U	0.0159	0.0046	0.207	1.00 - 5.00
7-00126	70214	Eu-152	-0.0107 U	0.0404	0.0141	0.0566	1.00 - 5.00
7-00126	70214	Eu-154	-0.053 U	0.0917	0.0309	0.15	1.00 - 5.00
7-00126	70214	Eu-155	0.0611 JS	0.0587	0.022	0.231	1.00 - 5.00
7-00126	70214	H-3	0.309 U	8.17	2.29	11.9	1.00 - 5.00
7-00126	70214	Ho-166m	-0.0005 U	0.0238	0.0069	0.0432	1.00 - 5.00
7-00126	70214	K-40	25.7	0.12	1.44	32.4	1.00 - 5.00
7-00126	70214	Na-22	-0.0177 UJ	0.0191	0.0074	0.037	1.00 - 5.00
7-00126	70214	Nb-94	0.0086 JS	0.0141	0.0044	0.0214	1.00 - 5.00
7-00126	70214	Np-236	-0.004 U	0.0321	0.0099	0.047	1.00 - 5.00
7-00126	70214	Np-239	0.0221 U	0.114	0.0336	0.139	1.00 - 5.00
7-00126	70214	Pa-231	-0.23 U	0.687	0.228	0.936	1.00 - 5.00
7-00126	70214	Pb-212	1.31	0.0298	0.0785	2.69	1.00 - 5.00
7-00126	70214	Pb-214	1.02	0.0294	0.0497	1.7	1.00 - 5.00
7-00126	70214	Pu-236	0.009	0.0175	0.0059	7.79	1.00 - 5.00
7-00126	70214	Pu-238	-0.004 U	0.0366	0.0083	0.0415	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00126	70214	Pu-239/240	0.0007 U	0.017	0.0033	0.0404	1.00 - 5.00
7-00126	70214	Pu-244	0	0.0072	0.0027	0.0313	1.00 - 5.00
7-00126	70214	Sb-125	0.0107 U	0.039	0.0118	0.354	1.00 - 5.00
7-00126	70214	Sn-126	0.0042 U	0.0162	0.0047	0.0237	1.00 - 5.00
7-00126	70214	Sr-90	0.0412 U	0.164	0.0467	0.485	1.00 - 5.00
7-00126	70214	Th-228	1.07	0.079	0.11	3.98	1.00 - 5.00
7-00126	70214	Th-229	0.0489	0.0514	0.0212	0.145	1.00 - 5.00
7-00126	70214	Th-230	0.662	0.0189	0.0783	2.2	1.00 - 5.00
7-00126	70214	Th-232	1.07	0.0512	0.107	3.1	1.00 - 5.00
7-00126	70214	Th-234	1.49	0.247	0.148	3.19	1.00 - 5.00
7-00126	70214	Tl-208	0.408	0.0145	0.0236	0.937	1.00 - 5.00
7-00126	70214	Tm-171	-2.45 U	9.8	3.36	72.4	1.00 - 5.00
7-00126	70214	U-233/234	0.761	0.0491	0.0831	2.02	1.00 - 5.00
7-00126	70214	U-235/236	0.0424	0.0164	0.0163	0.151	1.00 - 5.00
7-00126	70214	U-238	0.897	0.0491	0.0936	1.8	1.00 - 5.00
7-00127	70215	Ac-227	-0.0881 U	0.16	0.0529	0.217	1.00 - 5.00
7-00127	70215	Ac-228	1.08	0.0843	0.0521	2.4	1.00 - 5.00
7-00127	70215	Am-241	-0.0019 U	0.0166	0.0032	0.0454	1.00 - 5.00
7-00127	70215	Bi-212	0.885	0.111	0.0802	2.15	1.00 - 5.00
7-00127	70215	Bi-214	0.72	0.0245	0.0355	1.59	1.00 - 5.00
7-00127	70215	Cd-113m	-25.5 U	108	35.5	3030	1.00 - 5.00
7-00127	70215	Cm-243/244	-0.0019 U	0.0167	0.0032	0.0443	1.00 - 5.00
7-00127	70215	Co-60	-0.0016 U	0.0144	0.0044	0.028	1.00 - 5.00
7-00127	70215	Cs-134	-0.0035 U	0.0121	0.0042	0.0864	1.00 - 5.00
7-00127	70215	Cs-137	-0.0099 UJ	0.0142	0.0049	0.207	1.00 - 5.00
7-00127	70215	Eu-152	-0.0217 U	0.0389	0.0146	0.0566	1.00 - 5.00
7-00127	70215	Eu-154	-0.064 UJ	0.0787	0.0289	0.15	1.00 - 5.00
7-00127	70215	Eu-155	0.064 JS	0.0579	0.0209	0.231	1.00 - 5.00
7-00127	70215	H-3	-1.13 U	7.09	1.9	11.9	1.00 - 5.00
7-00127	70215	Ho-166m	-0.0092 U	0.0218	0.0069	0.0432	1.00 - 5.00
7-00127	70215	K-40	23.1	0.099	1.32	32.4	1.00 - 5.00
7-00127	70215	Na-22	-0.0022 U	0.0183	0.0056	0.037	1.00 - 5.00
7-00127	70215	Nb-94	0.0109 JS	0.0137	0.0046	0.0214	1.00 - 5.00
7-00127	70215	Np-236	-0.0138 U	0.0317	0.0099	0.047	1.00 - 5.00
7-00127	70215	Np-239	-0.0255 U	0.108	0.0328	0.139	1.00 - 5.00
7-00127	70215	Pa-231	0.269 U	0.683	0.211	0.936	1.00 - 5.00
7-00127	70215	Pb-212	1.26	0.028	0.0796	2.69	1.00 - 5.00
7-00127	70215	Pb-214	0.805	0.0274	0.0413	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00127	70215	Pu-236	-0.0023 U	0.0264	0.0053	7.79	1.00 - 5.00
7-00127	70215	Pu-238	0.001 U	0.0278	0.0066	0.0415	1.00 - 5.00
7-00127	70215	Pu-239/240	0.0051	0.0069	0.0036	0.0404	1.00 - 5.00
7-00127	70215	Pu-244	0.0058	0.0162	0.0048	0.0313	1.00 - 5.00
7-00127	70215	Sb-125	-0.0047 U	0.0377	0.0115	0.354	1.00 - 5.00
7-00127	70215	Sn-126	0.0016 U	0.0146	0.0043	0.0237	1.00 - 5.00
7-00127	70215	Sr-90	-0.0467 U	0.188	0.0437	0.485	1.00 - 5.00
7-00127	70215	Th-228	1.04	0.103	0.112	3.98	1.00 - 5.00
7-00127	70215	Th-229	0.0224 U	0.0803	0.0224	0.145	1.00 - 5.00
7-00127	70215	Th-230	0.617	0.0691	0.0786	2.2	1.00 - 5.00
7-00127	70215	Th-232	1.04	0.0546	0.108	3.1	1.00 - 5.00
7-00127	70215	Th-234	1.07 J	0.24	0.121	3.19	1.00 - 5.00
7-00127	70215	Tl-208	0.403	0.0135	0.023	0.937	1.00 - 5.00
7-00127	70215	Tm-171	-0.79 U	10.5	3.67	72.4	1.00 - 5.00
7-00127	70215	U-233/234	0.824	0.0394	0.0945	2.02	1.00 - 5.00
7-00127	70215	U-235/236	0.0536	0.0207	0.0206	0.151	1.00 - 5.00
7-00127	70215	U-238	0.779	0.056	0.0914	1.8	1.00 - 5.00
7-00128	70216	Ac-227	-0.021 U	0.192	0.0575	0.217	1.00 - 5.00
7-00128	70216	Ac-228	1.05	0.0943	0.0551	2.4	1.00 - 5.00
7-00128	70216	Am-241	0.0081	0.0179	0.0056	0.0454	1.00 - 5.00
7-00128	70216	Bi-212	0.738 J	0.13	0.0753	2.15	1.00 - 5.00
7-00128	70216	Bi-214	0.769	0.0288	0.0389	1.59	1.00 - 5.00
7-00128	70216	Cd-113m	-31.7 U	129	39.5	3030	1.00 - 5.00
7-00128	70216	Cm-243/244	0	0.0062	0.0023	0.0443	1.00 - 5.00
7-00128	70216	Co-60	0.0026 U	0.0186	0.0055	0.028	1.00 - 5.00
7-00128	70216	Cs-134	-0.0025 U	0.0138	0.0048	0.0864	1.00 - 5.00
7-00128	70216	Cs-137	-0.0005 U	0.0169	0.0058	0.207	1.00 - 5.00
7-00128	70216	Eu-152	0.0108 U	0.0472	0.0163	0.0566	1.00 - 5.00
7-00128	70216	Eu-154	-0.0438 U	0.0978	0.0311	0.15	1.00 - 5.00
7-00128	70216	Eu-155	0.0504 JS	0.0706	0.0245	0.231	1.00 - 5.00
7-00128	70216	H-3	3.57 U	8.18	2.48	11.9	1.00 - 5.00
7-00128	70216	Ho-166m	-0.0052 U	0.0259	0.0079	0.0432	1.00 - 5.00
7-00128	70216	K-40	20.7	0.12	1.29	32.4	1.00 - 5.00
7-00128	70216	Na-22	0.0077 U	0.0214	0.0064	0.037	1.00 - 5.00
7-00128	70216	Nb-94	0.0064 U	0.0152	0.0047	0.0214	1.00 - 5.00
7-00128	70216	Np-236	0.0031 UJ	0.0374	0.0115	0.047	1.00 - 5.00
7-00128	70216	Np-239	0.0347 U	0.129	0.0389	0.139	1.00 - 5.00
7-00128	70216	Pa-231	-0.551 U	0.789	0.283	0.936	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00128	70216	Pb-212	1.24	0.0321	0.0813	2.69	1.00 - 5.00
7-00128	70216	Pb-214	0.82	0.0333	0.042	1.7	1.00 - 5.00
7-00128	70216	Pu-238	0.0005 U	0.0124	0.0024	0.0415	1.00 - 5.00
7-00128	70216	Pu-239/240	0.0078	0.0053	0.0039	0.0404	1.00 - 5.00
7-00128	70216	Pu-244	0.0078	0.0053	0.0039	0.0313	1.00 - 5.00
7-00128	70216	Sb-125	0.0091 U	0.0446	0.0137	0.354	1.00 - 5.00
7-00128	70216	Sn-126	-0.0008 U	0.0171	0.0051	0.0237	1.00 - 5.00
7-00128	70216	Sr-90	-0.0225 U	0.182	0.0484	0.485	1.00 - 5.00
7-00128	70216	Th-228	1.19	0.0806	0.115	3.98	1.00 - 5.00
7-00128	70216	Th-229	-0.0132 U	0.0865	0.0187	0.145	1.00 - 5.00
7-00128	70216	Th-230	0.849	0.0709	0.0912	2.2	1.00 - 5.00
7-00128	70216	Th-232	1.02	0.0483	0.101	3.1	1.00 - 5.00
7-00128	70216	Th-234	1.36 J	0.299	0.167	3.19	1.00 - 5.00
7-00128	70216	Tl-208	0.368	0.0163	0.023	0.937	1.00 - 5.00
7-00128	70216	Tm-171	0.31 U	15.6	5.24	72.4	1.00 - 5.00
7-00128	70216	U-233/234	0.958	0.0319	0.0925	2.02	1.00 - 5.00
7-00128	70216	U-235/236	0.0214	0.0318	0.0118	0.151	1.00 - 5.00
7-00128	70216	U-238	1.03	0.0405	0.0978	1.8	1.00 - 5.00
7-00129	70217	Ac-227	-0.0201 U	0.176	0.0529	0.217	0.00 - 0.50
7-00129	70217	Ac-228	1.34	0.078	0.0635	2.4	0.00 - 0.50
7-00129	70217	Am-241	0.0031 U	0.0133	0.0034	0.0454	0.00 - 0.50
7-00129	70217	Bi-212	0.989	0.115	0.0762	2.15	0.00 - 0.50
7-00129	70217	Bi-214	0.961	0.0267	0.0444	1.59	0.00 - 0.50
7-00129	70217	Cd-113m	-14.2 U	117	36.4	3030	0.00 - 0.50
7-00129	70217	Cm-243/244	0.0103	0.0206	0.0066	0.0443	0.00 - 0.50
7-00129	70217	Co-60	0.0049 U	0.0149	0.0045	0.028	0.00 - 0.50
7-00129	70217	Cs-134	0.0093 JS	0.0142	0.005	0.0864	0.00 - 0.50
7-00129	70217	Cs-137	0.464	0.0158	0.0267	0.207	0.00 - 0.50
7-00129	70217	Eu-152	-0.0133 U	0.0435	0.0166	0.0566	0.00 - 0.50
7-00129	70217	Eu-154	0.0419 J	0.084	0.0292	0.15	0.00 - 0.50
7-00129	70217	Eu-155	0.076 JS	0.0621	0.0258	0.231	0.00 - 0.50
7-00129	70217	Ho-166m	-0.01 U	0.0226	0.0072	0.0432	0.00 - 0.50
7-00129	70217	K-40	19.3	0.0978	1.1	32.4	0.00 - 0.50
7-00129	70217	Na-22	-0.0207 UJ	0.0167	0.0074	0.037	0.00 - 0.50
7-00129	70217	Nb-94	0.0016 U	0.0133	0.0039	0.0214	0.00 - 0.50
7-00129	70217	Np-236	0.0114 U	0.0344	0.0107	0.047	0.00 - 0.50
7-00129	70217	Np-239	-0.0678 U	0.117	0.0388	0.139	0.00 - 0.50
7-00129	70217	Pa-231	-0.23 U	0.726	0.226	0.936	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00129	70217	Pb-212	1.46	0.0313	0.0923	2.69	0.00 - 0.50
7-00129	70217	Pb-214	1.08	0.0311	0.0537	1.7	0.00 - 0.50
7-00129	70217	Pu-238	0.0016	0.0043	0.0016	0.0415	0.00 - 0.50
7-00129	70217	Pu-239/240	0.0095	0.0116	0.0045	0.0404	0.00 - 0.50
7-00129	70217	Pu-244	0.0063	0.0116	0.0039	0.0313	0.00 - 0.50
7-00129	70217	Sb-125	-0.0069 U	0.0411	0.0127	0.354	0.00 - 0.50
7-00129	70217	Sn-126	-0.0058 U	0.0145	0.0045	0.0237	0.00 - 0.50
7-00129	70217	Sr-90	0.189	0.187	0.0666	0.485	0.00 - 0.50
7-00129	70217	Th-228	1.41	0.0661	0.13	3.98	0.00 - 0.50
7-00129	70217	Th-229	0.0266	0.018	0.0134	0.145	0.00 - 0.50
7-00129	70217	Th-230	0.982	0.0714	0.1	2.2	0.00 - 0.50
7-00129	70217	Th-232	1.22	0.0487	0.115	3.1	0.00 - 0.50
7-00129	70217	Th-234	1.63	0.27	0.159	3.19	0.00 - 0.50
7-00129	70217	Tl-208	0.487	0.0152	0.0277	0.937	0.00 - 0.50
7-00129	70217	Tm-171	1.98 U	11.5	4	72.4	0.00 - 0.50
7-00129	70217	U-233/234	1	0.0445	0.106	2.02	0.00 - 0.50
7-00129	70217	U-235/236	0.0698	0.0189	0.0227	0.151	0.00 - 0.50
7-00129	70217	U-238	1.09	0.0511	0.113	1.8	0.00 - 0.50
7-00130	70219	Ac-227	-0.0962 U	0.178	0.0578	0.217	0.00 - 0.50
7-00130	70219	Ac-228	1.07	0.0791	0.051	2.4	0.00 - 0.50
7-00130	70219	Am-241	0.0024	0.0065	0.0024	0.0454	0.00 - 0.50
7-00130	70219	Bi-212	0.822	0.106	0.0658	2.15	0.00 - 0.50
7-00130	70219	Bi-214	0.776	0.0272	0.0382	1.59	0.00 - 0.50
7-00130	70219	Cd-113m	-28.6 U	119	37	3030	0.00 - 0.50
7-00130	70219	Cm-243/244	0.002 U	0.0218	0.0052	0.0443	0.00 - 0.50
7-00130	70219	Co-60	-0.0024 U	0.0151	0.0045	0.028	0.00 - 0.50
7-00130	70219	Cs-134	-0.0005 U	0.0133	0.0047	0.0864	0.00 - 0.50
7-00130	70219	Cs-137	2.04	0.0153	0.108	0.207	0.00 - 0.50
7-00130	70219	Eu-152	-0.0134 UJ	0.0447	0.0148	0.0566	0.00 - 0.50
7-00130	70219	Eu-154	-0.0378 U	0.0836	0.027	0.15	0.00 - 0.50
7-00130	70219	Eu-155	0.0494 JS	0.0599	0.0214	0.231	0.00 - 0.50
7-00130	70219	Ho-166m	-0.0054 U	0.0226	0.0068	0.0432	0.00 - 0.50
7-00130	70219	K-40	22.3	0.109	1.25	32.4	0.00 - 0.50
7-00130	70219	Na-22	0.0014 U	0.0183	0.0055	0.037	0.00 - 0.50
7-00130	70219	Nb-94	0.0079 JS	0.0132	0.0041	0.0214	0.00 - 0.50
7-00130	70219	Np-236	-0.0127 U	0.0318	0.0103	0.047	0.00 - 0.50
7-00130	70219	Np-239	-0.0306 U	0.117	0.035	0.139	0.00 - 0.50
7-00130	70219	Pa-231	0.166 U	0.759	0.242	0.936	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00130	70219	Pb-212	1.19	0.0304	0.0722	2.69	0.00 - 0.50
7-00130	70219	Pb-214	0.822	0.033	0.0419	1.7	0.00 - 0.50
7-00130	70219	Pu-236	0.0132	0.0089	0.0066	7.79	0.00 - 0.50
7-00130	70219	Pu-238	-0.0097 U	0.0395	0.0076	0.0415	0.00 - 0.50
7-00130	70219	Pu-239/240	0.0104	0.0203	0.0068	0.0404	0.00 - 0.50
7-00130	70219	Pu-244	0.0104 J	0.0203	0.0068	0.0313	0.00 - 0.50
7-00130	70219	Sb-125	0.005 U	0.046	0.0138	0.354	0.00 - 0.50
7-00130	70219	Sn-126	0.0053 U	0.0144	0.0043	0.0237	0.00 - 0.50
7-00130	70219	Sr-90	0.0196 U	0.139	0.0391	0.485	0.00 - 0.50
7-00130	70219	Th-228	1.37	0.0721	0.132	3.98	0.00 - 0.50
7-00130	70219	Th-229	0.0295	0.02	0.0149	0.145	0.00 - 0.50
7-00130	70219	Th-230	0.737	0.02	0.0855	2.2	0.00 - 0.50
7-00130	70219	Th-232	1.17	0.0541	0.116	3.1	0.00 - 0.50
7-00130	70219	Th-234	1.55	0.239	0.146	3.19	0.00 - 0.50
7-00130	70219	Tl-208	0.371	0.0153	0.0213	0.937	0.00 - 0.50
7-00130	70219	Tm-171	-3.98 U	9.39	3.32	72.4	0.00 - 0.50
7-00130	70219	U-233/234	1.32	0.0123	0.123	2.02	0.00 - 0.50
7-00130	70219	U-235/236	0.056	0.0152	0.0182	0.151	0.00 - 0.50
7-00130	70219	U-238	0.825	0.0455	0.0859	1.8	0.00 - 0.50
7-00130	70220	Ac-227	-0.013 U	0.19	0.0559	0.217	1.00 - 2.00
7-00130	70220	Ac-228	1.14	0.0834	0.0546	2.4	1.00 - 2.00
7-00130	70220	Am-241	0.0166 U	0.0414	0.0124	0.0454	1.00 - 2.00
7-00130	70220	Bi-212	0.746	0.107	0.066	2.15	1.00 - 2.00
7-00130	70220	Bi-214	0.813	0.0276	0.0391	1.59	1.00 - 2.00
7-00130	70220	Cd-113m	-9.92 U	127	38.9	3030	1.00 - 2.00
7-00130	70220	Cm-243/244	0.009 U	0.0287	0.0082	0.0443	1.00 - 2.00
7-00130	70220	Co-60	-0.0032 U	0.0146	0.0043	0.028	1.00 - 2.00
7-00130	70220	Cs-134	0.0029 U	0.0139	0.0049	0.0864	1.00 - 2.00
7-00130	70220	Cs-137	2.68	0.016	0.142	0.207	1.00 - 2.00
7-00130	70220	Eu-152	0.0032 U	0.0473	0.0152	0.0566	1.00 - 2.00
7-00130	70220	Eu-154	-0.0553 U	0.0823	0.0286	0.15	1.00 - 2.00
7-00130	70220	Eu-155	0.0869 SJ	0.0635	0.0279	0.231	1.00 - 2.00
7-00130	70220	Ho-166m	0.0018 U	0.0227	0.0066	0.0432	1.00 - 2.00
7-00130	70220	K-40	23.2	0.109	1.3	32.4	1.00 - 2.00
7-00130	70220	Na-22	-0.002 U	0.0171	0.0052	0.037	1.00 - 2.00
7-00130	70220	Nb-94	0.008 SJ	0.0131	0.0041	0.0214	1.00 - 2.00
7-00130	70220	Np-236	0.0126 U	0.0341	0.0108	0.047	1.00 - 2.00
7-00130	70220	Np-239	0.0226 U	0.127	0.0375	0.139	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00130	70220	Pa-231	-0.508 U	0.783	0.265	0.936	1.00 - 2.00
7-00130	70220	Pb-212	1.21	0.0316	0.073	2.69	1.00 - 2.00
7-00130	70220	Pb-214	0.866	0.0344	0.0436	1.7	1.00 - 2.00
7-00130	70220	Pu-236	0.0087	0.0193	0.006	7.79	1.00 - 2.00
7-00130	70220	Pu-238	0.0079	0.0152	0.0051	0.0415	1.00 - 2.00
7-00130	70220	Pu-239/240	0.0013 U	0.0189	0.0042	0.0404	1.00 - 2.00
7-00130	70220	Pu-244	0.015	0.0152	0.0066	0.0313	1.00 - 2.00
7-00130	70220	Sb-125	0.0234 U	0.0501	0.0158	0.354	1.00 - 2.00
7-00130	70220	Sn-126	0.0059 U	0.0143	0.0043	0.0237	1.00 - 2.00
7-00130	70220	Sr-90	0.195	0.125	0.0519	0.485	1.00 - 2.00
7-00130	70220	Th-228	1.12	0.0953	0.103	3.98	1.00 - 2.00
7-00130	70220	Th-229	0.0317	0.0635	0.0199	0.145	1.00 - 2.00
7-00130	70220	Th-230	0.854	0.0143	0.0826	2.2	1.00 - 2.00
7-00130	70220	Th-232	0.999	0.0387	0.0921	3.1	1.00 - 2.00
7-00130	70220	Th-234	1.21 J	0.258	0.132	3.19	1.00 - 2.00
7-00130	70220	Tl-208	0.358	0.0157	0.0208	0.937	1.00 - 2.00
7-00130	70220	Tm-171	-6.5 U	9.52	3.6	72.4	1.00 - 2.00
7-00130	70220	U-233/234	1.28	0.0559	0.131	2.02	1.00 - 2.00
7-00130	70220	U-235/236	0.0403	0.0486	0.0197	0.151	1.00 - 2.00
7-00130	70220	U-238	0.79	0.0167	0.0914	1.8	1.00 - 2.00
7-00131	70221	Ac-227	0.0576 U	0.194	0.0592	0.217	0.00 - 0.50
7-00131	70221	Ac-228	1.2	0.0856	0.0605	2.4	0.00 - 0.50
7-00131	70221	Am-241	0.005 U	0.0154	0.0044	0.0454	0.00 - 0.50
7-00131	70221	Bi-212	0.843 J	0.186	0.209	2.15	0.00 - 0.50
7-00131	70221	Bi-214	0.872	0.0269	0.041	1.59	0.00 - 0.50
7-00131	70221	Cd-113m	-100 UJ	129	48.4	3030	0.00 - 0.50
7-00131	70221	Cm-243/244	-0.0003 U	0.0177	0.0037	0.0443	0.00 - 0.50
7-00131	70221	Co-60	-0.0024 U	0.0157	0.0046	0.028	0.00 - 0.50
7-00131	70221	Cs-134	0.0018 U	0.0136	0.0046	0.0864	0.00 - 0.50
7-00131	70221	Cs-137	0.0852	0.0149	0.0082	0.207	0.00 - 0.50
7-00131	70221	Eu-152	-0.0117 UJ	0.0442	0.0168	0.0566	0.00 - 0.50
7-00131	70221	Eu-154	0.0511 J	0.0922	0.0292	0.15	0.00 - 0.50
7-00131	70221	Eu-155	0.0347 U	0.0713	0.0234	0.231	0.00 - 0.50
7-00131	70221	Ho-166m	0.0097 U	0.0245	0.0074	0.0432	0.00 - 0.50
7-00131	70221	K-40	21.3	0.111	1.4	32.4	0.00 - 0.50
7-00131	70221	Na-22	-0.0048 U	0.0188	0.0057	0.037	0.00 - 0.50
7-00131	70221	Nb-94	0.0073 JS	0.0141	0.0044	0.0214	0.00 - 0.50
7-00131	70221	Np-236	-0.0141 U	0.0377	0.0116	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00131	70221	Np-239	-0.0229 U	0.13	0.0393	0.139	0.00 - 0.50
7-00131	70221	Pa-231	-0.396 U	0.777	0.29	0.936	0.00 - 0.50
7-00131	70221	Pb-212	1.34	0.0327	0.089	2.69	0.00 - 0.50
7-00131	70221	Pb-214	0.997	0.0319	0.0502	1.7	0.00 - 0.50
7-00131	70221	Pu-236	-0.0015 U	0.0274	0.0059	7.79	0.00 - 0.50
7-00131	70221	Pu-238	0.0062 U	0.0192	0.0055	0.0415	0.00 - 0.50
7-00131	70221	Pu-239/240	0.0007 U	0.0155	0.003	0.0404	0.00 - 0.50
7-00131	70221	Pu-244	0	0.0066	0.0024	0.0313	0.00 - 0.50
7-00131	70221	Sb-125	0.0054 U	0.0417	0.0126	0.354	0.00 - 0.50
7-00131	70221	Sn-126	0.0068 U	0.0158	0.0048	0.0237	0.00 - 0.50
7-00131	70221	Sr-90	0.03 U	0.337	0.0952	0.485	0.00 - 0.50
7-00131	70221	Th-228	1.3	0.12	0.131	3.98	0.00 - 0.50
7-00131	70221	Th-229	0.0152	0.0207	0.0108	0.145	0.00 - 0.50
7-00131	70221	Th-230	0.89	0.0206	0.0977	2.2	0.00 - 0.50
7-00131	70221	Th-232	1.25	0.0704	0.123	3.1	0.00 - 0.50
7-00131	70221	Th-234	1.19 J	0.308	0.154	3.19	0.00 - 0.50
7-00131	70221	Tl-208	0.398	0.0149	0.0227	0.937	0.00 - 0.50
7-00131	70221	Tm-171	-9.72 U	14.9	5.81	72.4	0.00 - 0.50
7-00131	70221	U-233/234	0.957	0.0432	0.0925	2.02	0.00 - 0.50
7-00131	70221	U-235/236	0.0343	0.0133	0.0132	0.151	0.00 - 0.50
7-00131	70221	U-238	0.919	0.0313	0.0893	1.8	0.00 - 0.50
7-00131	70222	Ac-227	0.145 J	0.191	0.0656	0.217	1.00 - 2.20
7-00131	70222	Ac-228	1.62	0.0866	0.0747	2.4	1.00 - 2.20
7-00131	70222	Am-241	0.0034 U	0.038	0.0099	0.0454	1.00 - 2.20
7-00131	70222	Bi-212	1.1	0.121	0.0881	2.15	1.00 - 2.20
7-00131	70222	Bi-214	1.06	0.0282	0.049	1.59	1.00 - 2.20
7-00131	70222	Cd-113m	-15.9 U	123	40.1	3030	1.00 - 2.20
7-00131	70222	Cm-243/244	0.0035 U	0.027	0.0068	0.0443	1.00 - 2.20
7-00131	70222	Co-60	0.0016 U	0.0155	0.0046	0.028	1.00 - 2.20
7-00131	70222	Cs-134	-0.0075 U	0.0133	0.0049	0.0864	1.00 - 2.20
7-00131	70222	Cs-137	0.0592	0.0176	0.0085	0.207	1.00 - 2.20
7-00131	70222	Eu-152	-0.0238 U	0.0464	0.0153	0.0566	1.00 - 2.20
7-00131	70222	Eu-154	-0.0255 U	0.0827	0.0297	0.15	1.00 - 2.20
7-00131	70222	Eu-155	0.0962 SJ	0.0676	0.0274	0.231	1.00 - 2.20
7-00131	70222	Ho-166m	-0.005 U	0.025	0.0075	0.0432	1.00 - 2.20
7-00131	70222	K-40	20.5	0.119	1.17	32.4	1.00 - 2.20
7-00131	70222	Na-22	-0.006 U	0.0179	0.0057	0.037	1.00 - 2.20
7-00131	70222	Nb-94	0.0042 U	0.0148	0.0044	0.0214	1.00 - 2.20

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00131	70222	Np-236	-0.0154 U	0.0371	0.0115	0.047	1.00 - 2.20
7-00131	70222	Np-239	0.011 U	0.127	0.0379	0.139	1.00 - 2.20
7-00131	70222	Pa-231	-0.203 U	0.77	0.245	0.936	1.00 - 2.20
7-00131	70222	Pb-212	1.77	0.032	0.111	2.69	1.00 - 2.20
7-00131	70222	Pb-214	1.16	0.0322	0.0574	1.7	1.00 - 2.20
7-00131	70222	Pu-236	0.0043	0.0058	0.0031	7.79	1.00 - 2.20
7-00131	70222	Pu-238	-0.0015 U	0.0134	0.0026	0.0415	1.00 - 2.20
7-00131	70222	Pu-239/240	0.0042	0.0057	0.003	0.0404	1.00 - 2.20
7-00131	70222	Pu-244	0.0021	0.0057	0.0021	0.0313	1.00 - 2.20
7-00131	70222	Sb-125	0.0231 SJ	0.0432	0.0139	0.354	1.00 - 2.20
7-00131	70222	Sn-126	-0.0056 U	0.0159	0.0049	0.0237	1.00 - 2.20
7-00131	70222	Sr-90	-0.0003 U	0.139	0.0369	0.485	1.00 - 2.20
7-00131	70222	Th-228	1.78	0.0802	0.145	3.98	1.00 - 2.20
7-00131	70222	Th-229	0.0494	0.0404	0.0184	0.145	1.00 - 2.20
7-00131	70222	Th-230	0.981	0.0149	0.0926	2.2	1.00 - 2.20
7-00131	70222	Th-232	1.43	0.0402	0.121	3.1	1.00 - 2.20
7-00131	70222	Th-234	2.04	0.293	0.178	3.19	1.00 - 2.20
7-00131	70222	Tl-208	0.572	0.0157	0.0313	0.937	1.00 - 2.20
7-00131	70222	Tm-171	-12.4 UJ	11.9	5.17	72.4	1.00 - 2.20
7-00131	70222	U-233/234	1.34	0.0156	0.133	2.02	1.00 - 2.20
7-00131	70222	U-235/236	0.071	0.0192	0.0231	0.151	1.00 - 2.20
7-00131	70222	U-238	1.44	0.0366	0.141	1.8	1.00 - 2.20
7-00132	70223	Ac-227	0.0197 U	0.157	0.0462	0.217	1.00 - 5.00
7-00132	70223	Ac-228	1.13	0.0758	0.0523	2.4	1.00 - 5.00
7-00132	70223	Am-241	-0.0017 U	0.0148	0.0029	0.0454	1.00 - 5.00
7-00132	70223	Bi-212	0.834	0.106	0.0724	2.15	1.00 - 5.00
7-00132	70223	Bi-214	0.959	0.0235	0.0439	1.59	1.00 - 5.00
7-00132	70223	Cd-113m	41.5 U	104	32.6	3030	1.00 - 5.00
7-00132	70223	Cm-243/244	0.0047	0.0063	0.0033	0.0443	1.00 - 5.00
7-00132	70223	Co-60	-0.0022 U	0.0143	0.0042	0.028	1.00 - 5.00
7-00132	70223	Cs-134	0.0007 U	0.0121	0.0042	0.0864	1.00 - 5.00
7-00132	70223	Cs-137	-0.006 U	0.0138	0.0043	0.207	1.00 - 5.00
7-00132	70223	Eu-152	-0.0238 U	0.0373	0.0127	0.0566	1.00 - 5.00
7-00132	70223	Eu-154	-0.0296 U	0.0812	0.0256	0.15	1.00 - 5.00
7-00132	70223	Eu-155	0.0683 JS	0.0535	0.0204	0.231	1.00 - 5.00
7-00132	70223	H-3	6.16	8.23	2.53	11.9	1.00 - 5.00
7-00132	70223	Ho-166m	0.0009 U	0.0216	0.0063	0.0432	1.00 - 5.00
7-00132	70223	K-40	21.8	0.104	1.23	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00132	70223	Na-22	-0.0099 U	0.0167	0.0057	0.037	1.00 - 5.00
7-00132	70223	Nb-94	0.0004 U	0.0123	0.0036	0.0214	1.00 - 5.00
7-00132	70223	Np-236	-0.0134 U	0.0293	0.0096	0.047	1.00 - 5.00
7-00132	70223	Np-239	0.0429 U	0.105	0.0321	0.139	1.00 - 5.00
7-00132	70223	Pa-231	-0.111 U	0.641	0.198	0.936	1.00 - 5.00
7-00132	70223	Pb-212	1.26	0.0267	0.0757	2.69	1.00 - 5.00
7-00132	70223	Pb-214	1	0.0273	0.0481	1.7	1.00 - 5.00
7-00132	70223	Pu-238	0.0092	0.0204	0.0064	0.0415	1.00 - 5.00
7-00132	70223	Pu-239/240	0.0111	0.0165	0.0061	0.0404	1.00 - 5.00
7-00132	70223	Pu-244	-0.0011 U	0.0204	0.0037	0.0313	1.00 - 5.00
7-00132	70223	Sb-125	-0.0173 U	0.035	0.0115	0.354	1.00 - 5.00
7-00132	70223	Sn-126	-0.0014 U	0.0135	0.0039	0.0237	1.00 - 5.00
7-00132	70223	Sr-90	0.118	0.193	0.0616	0.485	1.00 - 5.00
7-00132	70223	Th-228	1.39	0.0885	0.132	3.98	1.00 - 5.00
7-00132	70223	Th-229	0.007	0.0188	0.007	0.145	1.00 - 5.00
7-00132	70223	Th-230	0.88	0.0746	0.0951	2.2	1.00 - 5.00
7-00132	70223	Th-232	1.09	0.0509	0.108	3.1	1.00 - 5.00
7-00132	70223	Th-234	1.19 J	0.229	0.125	3.19	1.00 - 5.00
7-00132	70223	Tl-208	0.388	0.0137	0.0221	0.937	1.00 - 5.00
7-00132	70223	Tm-171	-4.7 U	9.03	3.27	72.4	1.00 - 5.00
7-00132	70223	U-233/234	0.948	0.0369	0.092	2.02	1.00 - 5.00
7-00132	70223	U-235/236	0.0518	0.0321	0.0175	0.151	1.00 - 5.00
7-00132	70223	U-238	0.879	0.0322	0.0868	1.8	1.00 - 5.00
7-00133	70224	Ac-227	0.084 U	0.199	0.0618	0.217	0.00 - 0.50
7-00133	70224	Ac-228	0.862	0.097	0.0481	2.4	0.00 - 0.50
7-00133	70224	Am-241	0.0062	0.0056	0.0036	0.0454	0.00 - 0.50
7-00133	70224	Bi-212	0.46 J	0.179	0.125	2.15	0.00 - 0.50
7-00133	70224	Bi-214	0.682	0.0289	0.0339	1.59	0.00 - 0.50
7-00133	70224	Cd-113m	-98.5 UJ	128	46.8	3030	0.00 - 0.50
7-00133	70224	Cm-243/244	0.0021	0.0056	0.0021	0.0443	0.00 - 0.50
7-00133	70224	Co-60	-0.0053 U	0.0177	0.0054	0.028	0.00 - 0.50
7-00133	70224	Cs-134	0.0643 JS	0.0196	0.0165	0.0864	0.00 - 0.50
7-00133	70224	Cs-137	0.113	0.0167	0.0098	0.207	0.00 - 0.50
7-00133	70224	Eu-152	-0.0108 U	0.0466	0.0176	0.0566	0.00 - 0.50
7-00133	70224	Eu-154	-0.0348 U	0.0974	0.0308	0.15	0.00 - 0.50
7-00133	70224	Eu-155	0.0444 JS	0.0716	0.0242	0.231	0.00 - 0.50
7-00133	70224	H-3	2.3 U	8.52	2.47	11.9	0.00 - 0.50
7-00133	70224	Ho-166m	-0.0051 U	0.025	0.0075	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00133	70224	K-40	24.5	0.121	1.6	32.4	0.00 - 0.50
7-00133	70224	Na-22	-0.0179 UJ	0.0206	0.0076	0.037	0.00 - 0.50
7-00133	70224	Nb-94	0.0039 U	0.0145	0.0043	0.0214	0.00 - 0.50
7-00133	70224	Np-236	-0.0017 U	0.0379	0.0111	0.047	0.00 - 0.50
7-00133	70224	Np-239	-0.0037 U	0.131	0.039	0.139	0.00 - 0.50
7-00133	70224	Pa-231	0.204 U	0.799	0.277	0.936	0.00 - 0.50
7-00133	70224	Pb-212	0.921	0.0333	0.0627	2.69	0.00 - 0.50
7-00133	70224	Pb-214	0.765	0.0339	0.0411	1.7	0.00 - 0.50
7-00133	70224	Pu-236	-0.0052 U	0.0354	0.007	7.79	0.00 - 0.50
7-00133	70224	Pu-238	0.0074 U	0.0482	0.013	0.0415	0.00 - 0.50
7-00133	70224	Pu-239/240	0.0018 U	0.0247	0.0055	0.0404	0.00 - 0.50
7-00133	70224	Pu-244	0.0009 U	0.0199	0.0039	0.0313	0.00 - 0.50
7-00133	70224	Sb-125	0.0003 U	0.0435	0.0131	0.354	0.00 - 0.50
7-00133	70224	Sn-126	0.0033 U	0.0165	0.0048	0.0237	0.00 - 0.50
7-00133	70224	Sr-90	-0.0008 U	0.142	0.038	0.485	0.00 - 0.50
7-00133	70224	Th-228	0.734	0.0954	0.0792	3.98	0.00 - 0.50
7-00133	70224	Th-229	0.0624	0.0483	0.0211	0.145	0.00 - 0.50
7-00133	70224	Th-230	0.654	0.0141	0.0686	2.2	0.00 - 0.50
7-00133	70224	Th-232	0.771	0.048	0.0769	3.1	0.00 - 0.50
7-00133	70224	Th-234	1.07 J	0.298	0.189	3.19	0.00 - 0.50
7-00133	70224	Tl-208	0.278	0.0157	0.0179	0.937	0.00 - 0.50
7-00133	70224	Tm-171	-3 U	15.1	5.37	72.4	0.00 - 0.50
7-00133	70224	U-233/234	0.633	0.0137	0.073	2.02	0.00 - 0.50
7-00133	70224	U-235/236	0.0392	0.0398	0.0174	0.151	0.00 - 0.50
7-00133	70224	U-238	0.663	0.0322	0.0756	1.8	0.00 - 0.50
7-00134	70226	Ac-227	-0.0766 U	0.168	0.054	0.217	0.00 - 0.50
7-00134	70226	Ac-228	1.12	0.0814	0.0545	2.4	0.00 - 0.50
7-00134	70226	Am-241	0.0042	0.0057	0.003	0.0454	0.00 - 0.50
7-00134	70226	Bi-212	0.828	0.115	0.0685	2.15	0.00 - 0.50
7-00134	70226	Bi-214	0.851	0.0271	0.0404	1.59	0.00 - 0.50
7-00134	70226	Cd-113m	-3.56 U	115	35.4	3030	0.00 - 0.50
7-00134	70226	Cm-243/244	0.0063	0.0057	0.0037	0.0443	0.00 - 0.50
7-00134	70226	Co-60	-0.0038 UJ	0.0147	0.0046	0.028	0.00 - 0.50
7-00134	70226	Cs-134	0.0068 JS	0.0137	0.0047	0.0864	0.00 - 0.50
7-00134	70226	Cs-137	0.578	0.0153	0.0327	0.207	0.00 - 0.50
7-00134	70226	Eu-152	-0.0058 U	0.0423	0.0147	0.0566	0.00 - 0.50
7-00134	70226	Eu-154	-0.0145 U	0.0852	0.0257	0.15	0.00 - 0.50
7-00134	70226	Eu-155	0.0636 JS	0.0598	0.0217	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00134	70226	H-3	-0.162 U	8.24	2.19	11.9	0.00 - 0.50
7-00134	70226	Ho-166m	-0.0092 U	0.0223	0.007	0.0432	0.00 - 0.50
7-00134	70226	K-40	21.2	0.0998	1.21	32.4	0.00 - 0.50
7-00134	70226	Na-22	-0.003 U	0.0178	0.0055	0.037	0.00 - 0.50
7-00134	70226	Nb-94	0.0018 U	0.0133	0.0039	0.0214	0.00 - 0.50
7-00134	70226	Np-236	-0.013 U	0.0325	0.01	0.047	0.00 - 0.50
7-00134	70226	Np-239	-0.0062 U	0.114	0.0339	0.139	0.00 - 0.50
7-00134	70226	Pa-231	0.0939 U	0.728	0.218	0.936	0.00 - 0.50
7-00134	70226	Pb-212	1.26	0.0297	0.0798	2.69	0.00 - 0.50
7-00134	70226	Pb-214	0.949	0.0298	0.0477	1.7	0.00 - 0.50
7-00134	70226	Pu-236	-0.0056 U	0.0436	0.01	7.79	0.00 - 0.50
7-00134	70226	Pu-238	0.0064 U	0.0371	0.0099	0.0415	0.00 - 0.50
7-00134	70226	Pu-239/240	0.0142	0.0077	0.0064	0.0404	0.00 - 0.50
7-00134	70226	Pu-244	0.0057	0.0077	0.004	0.0313	0.00 - 0.50
7-00134	70226	Sb-125	-0.0085 U	0.0401	0.0124	0.354	0.00 - 0.50
7-00134	70226	Sn-126	0.0009 U	0.0144	0.0042	0.0237	0.00 - 0.50
7-00134	70226	Sr-90	0.016 U	0.263	0.0715	0.485	0.00 - 0.50
7-00134	70226	Th-228	1.28	0.0215	0.126	3.98	0.00 - 0.50
7-00134	70226	Th-229	0.0454	0.0703	0.0241	0.145	0.00 - 0.50
7-00134	70226	Th-230	0.959	0.0556	0.103	2.2	0.00 - 0.50
7-00134	70226	Th-232	1.17	0.0204	0.117	3.1	0.00 - 0.50
7-00134	70226	Th-234	1.52	0.267	0.146	3.19	0.00 - 0.50
7-00134	70226	Tl-208	0.377	0.0148	0.0218	0.937	0.00 - 0.50
7-00134	70226	Tm-171	-11.4 UJ	11	4.75	72.4	0.00 - 0.50
7-00134	70226	U-233/234	1.02	0.0382	0.11	2.02	0.00 - 0.50
7-00134	70226	U-235/236	0.0284	0.067	0.0205	0.151	0.00 - 0.50
7-00134	70226	U-238	1	0.0382	0.108	1.8	0.00 - 0.50
7-00135	70228	Ac-227	-0.0198 U	0.206	0.0613	0.217	0.00 - 0.50
7-00135	70228	Ac-228	1.15	0.0963	0.0571	2.4	0.00 - 0.50
7-00135	70228	Am-241	0.0322	0.0126	0.0085	0.0454	0.00 - 0.50
7-00135	70228	Bi-212	0.758 J	0.203	0.192	2.15	0.00 - 0.50
7-00135	70228	Bi-214	0.848	0.0333	0.0419	1.59	0.00 - 0.50
7-00135	70228	Cd-113m	-34.7 U	138	42	3030	0.00 - 0.50
7-00135	70228	Cm-243/244	0.0017 U	0.018	0.0042	0.0443	0.00 - 0.50
7-00135	70228	Co-60	-0.0027 UJ	0.0183	0.0055	0.028	0.00 - 0.50
7-00135	70228	Cs-134	0.0053 U	0.0164	0.0056	0.0864	0.00 - 0.50
7-00135	70228	Cs-137	1.33	0.019	0.0736	0.207	0.00 - 0.50
7-00135	70228	Eu-152	0.012 U	0.0533	0.0183	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00135	70228	Eu-154	-0.0084 U	0.103	0.0299	0.15	0.00 - 0.50
7-00135	70228	Eu-155	0.0476 JS	0.0733	0.0247	0.231	0.00 - 0.50
7-00135	70228	H-3	1.87 U	8.12	2.32	11.9	0.00 - 0.50
7-00135	70228	Ho-166m	-0.0044 U	0.0263	0.0079	0.0432	0.00 - 0.50
7-00135	70228	K-40	19.2	0.144	1.16	32.4	0.00 - 0.50
7-00135	70228	Na-22	-0.0008 U	0.0212	0.0062	0.037	0.00 - 0.50
7-00135	70228	Nb-94	-0.0042 U	0.0155	0.0048	0.0214	0.00 - 0.50
7-00135	70228	Np-236	-0.0053 U	0.0384	0.0118	0.047	0.00 - 0.50
7-00135	70228	Np-239	0.0362 U	0.14	0.0417	0.139	0.00 - 0.50
7-00135	70228	Pa-231	0.292 U	0.896	0.273	0.936	0.00 - 0.50
7-00135	70228	Pb-212	1.27	0.0357	0.0858	2.69	0.00 - 0.50
7-00135	70228	Pb-214	0.946	0.0378	0.0516	1.7	0.00 - 0.50
7-00135	70228	Pu-236	0.0009 UJ	0.0209	0.004	7.79	0.00 - 0.50
7-00135	70228	Pu-238	0.0095	0.0086	0.0055	0.0415	0.00 - 0.50
7-00135	70228	Pu-239/240	0.0702	0.0201	0.0158	0.0404	0.00 - 0.50
7-00135	70228	Pu-244	0.0032	0.0085	0.0032	0.0313	0.00 - 0.50
7-00135	70228	Sb-125	0.0252 U	0.0538	0.0171	0.354	0.00 - 0.50
7-00135	70228	Sn-126	0.0011 U	0.0174	0.0051	0.0237	0.00 - 0.50
7-00135	70228	Sr-90	0.216	0.222	0.079	0.485	0.00 - 0.50
7-00135	70228	Th-228	1.34	0.119	0.134	3.98	0.00 - 0.50
7-00135	70228	Th-229	0.0379	0.0205	0.0171	0.145	0.00 - 0.50
7-00135	70228	Th-230	0.839	0.0205	0.0939	2.2	0.00 - 0.50
7-00135	70228	Th-232	1.31	0.07	0.127	3.1	0.00 - 0.50
7-00135	70228	Th-234	1.46 J	0.3	0.17	3.19	0.00 - 0.50
7-00135	70228	Tl-208	0.406	0.0181	0.0252	0.937	0.00 - 0.50
7-00135	70228	Tm-171	-2.26 U	15.6	5.23	72.4	0.00 - 0.50
7-00135	70228	U-233/234	1.15	0.0157	0.118	2.02	0.00 - 0.50
7-00135	70228	U-235/236	0.0574	0.0194	0.0207	0.151	0.00 - 0.50
7-00135	70228	U-238	0.723	0.0458	0.0844	1.8	0.00 - 0.50
7-00135	70229	Ac-227	-0.0978 U	0.177	0.059	0.217	1.00 - 1.80
7-00135	70229	Ac-228	1.16	0.093	0.0556	2.4	1.00 - 1.80
7-00135	70229	Am-241	0.0097	0.0144	0.0053	0.0454	1.00 - 1.80
7-00135	70229	Bi-212	0.873	0.121	0.0799	2.15	1.00 - 1.80
7-00135	70229	Bi-214	0.789	0.0272	0.0386	1.59	1.00 - 1.80
7-00135	70229	Cd-113m	-23 U	118	37.5	3030	1.00 - 1.80
7-00135	70229	Cm-243/244	0.0046	0.0062	0.0032	0.0443	1.00 - 1.80
7-00135	70229	Co-60	0.0029 U	0.0167	0.0049	0.028	1.00 - 1.80
7-00135	70229	Cs-134	-0.0003 U	0.0137	0.0047	0.0864	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00135	70229	Cs-137	0.138	0.0165	0.0116	0.207	1.00 - 1.80
7-00135	70229	Eu-152	0.0133 U	0.0454	0.016	0.0566	1.00 - 1.80
7-00135	70229	Eu-154	-0.008 U	0.0936	0.0273	0.15	1.00 - 1.80
7-00135	70229	Eu-155	0.0861 JS	0.0636	0.0255	0.231	1.00 - 1.80
7-00135	70229	H-3	0.327 U	8.5	2.52	11.9	1.00 - 1.80
7-00135	70229	Ho-166m	-0.0077 U	0.0237	0.0074	0.0432	1.00 - 1.80
7-00135	70229	K-40	21	0.122	1.17	32.4	1.00 - 1.80
7-00135	70229	Na-22	0.0009 U	0.0198	0.0058	0.037	1.00 - 1.80
7-00135	70229	Nb-94	0.0007 U	0.0139	0.0041	0.0214	1.00 - 1.80
7-00135	70229	Np-236	-0.0243 UJ	0.0342	0.012	0.047	1.00 - 1.80
7-00135	70229	Np-239	0.0007 U	0.121	0.0364	0.139	1.00 - 1.80
7-00135	70229	Pa-231	-0.371 U	0.733	0.261	0.936	1.00 - 1.80
7-00135	70229	Pb-212	1.3	0.0304	0.0759	2.69	1.00 - 1.80
7-00135	70229	Pb-214	0.919	0.032	0.0443	1.7	1.00 - 1.80
7-00135	70229	Pu-238	-0.0018 U	0.0162	0.0031	0.0415	1.00 - 1.80
7-00135	70229	Pu-239/240	0.0014 U	0.02	0.0044	0.0404	1.00 - 1.80
7-00135	70229	Pu-244	0.0051	0.0069	0.0036	0.0313	1.00 - 1.80
7-00135	70229	Sb-125	0.0038 U	0.041	0.0119	0.354	1.00 - 1.80
7-00135	70229	Sn-126	0.0048 U	0.0164	0.0049	0.0237	1.00 - 1.80
7-00135	70229	Sr-90	3.55 J	0.175	0.368	0.485	1.00 - 1.80
7-00135	70229	Th-228	1.13	0.0948	0.124	3.98	1.00 - 1.80
7-00135	70229	Th-229	0.0084 U	0.0615	0.0145	0.145	1.00 - 1.80
7-00135	70229	Th-230	0.9	0.0226	0.103	2.2	1.00 - 1.80
7-00135	70229	Th-232	1.1	0.0225	0.117	3.1	1.00 - 1.80
7-00135	70229	Th-234	1.21 J	0.275	0.133	3.19	1.00 - 1.80
7-00135	70229	Tl-208	0.4	0.016	0.0234	0.937	1.00 - 1.80
7-00135	70229	Tm-171	8.6 J	11.7	4.51	72.4	1.00 - 1.80
7-00135	70229	U-233/234	0.934	0.0303	0.0894	2.02	1.00 - 1.80
7-00135	70229	U-235/236	0.0713	0.0129	0.0191	0.151	1.00 - 1.80
7-00135	70229	U-238	0.855	0.0245	0.0834	1.8	1.00 - 1.80
7-00136	70230	Ac-227	-0.0578 U	0.188	0.0602	0.217	0.00 - 0.50
7-00136	70230	Ac-228	1.11	0.121	0.0553	2.4	0.00 - 0.50
7-00136	70230	Am-241	0.0123	0.0201	0.0067	0.0454	0.00 - 0.50
7-00136	70230	Bi-212	0.867 J	0.153	0.0884	2.15	0.00 - 0.50
7-00136	70230	Bi-214	0.874	0.0346	0.0441	1.59	0.00 - 0.50
7-00136	70230	Cd-113m	-53.8 U	127	41.8	3030	0.00 - 0.50
7-00136	70230	Cm-243/244	0.004	0.0055	0.0029	0.0443	0.00 - 0.50
7-00136	70230	Co-60	0.0035 UJ	0.0208	0.0059	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00136	70230	Cs-134	-0.0076 U	0.0172	0.0064	0.0864	0.00 - 0.50
7-00136	70230	Cs-137	1.28	0.0225	0.0704	0.207	0.00 - 0.50
7-00136	70230	Eu-152	-0.003 U	0.0506	0.0168	0.0566	0.00 - 0.50
7-00136	70230	Eu-154	-0.0749 U	0.112	0.0389	0.15	0.00 - 0.50
7-00136	70230	Eu-155	0.0861 JS	0.0531	0.0221	0.231	0.00 - 0.50
7-00136	70230	H-3	2.47 U	7.54	2.21	11.9	0.00 - 0.50
7-00136	70230	Ho-166m	-0.0006 U	0.0302	0.0087	0.0432	0.00 - 0.50
7-00136	70230	K-40	19.2	0.164	1.06	32.4	0.00 - 0.50
7-00136	70230	Na-22	-0.0098 U	0.0234	0.0073	0.037	0.00 - 0.50
7-00136	70230	Nb-94	0.0033 U	0.0179	0.0052	0.0214	0.00 - 0.50
7-00136	70230	Np-236	0.0059 U	0.0297	0.0098	0.047	0.00 - 0.50
7-00136	70230	Np-239	0.005 U	0.125	0.0383	0.139	0.00 - 0.50
7-00136	70230	Pa-231	-0.0574 U	0.841	0.262	0.936	0.00 - 0.50
7-00136	70230	Pb-212	1.29	0.0339	0.0731	2.69	0.00 - 0.50
7-00136	70230	Pb-214	0.856	0.0368	0.0421	1.7	0.00 - 0.50
7-00136	70230	Pu-236	0.0101	0.0282	0.0083	7.79	0.00 - 0.50
7-00136	70230	Pu-238	-0.0068 UJ	0.0466	0.0092	0.0415	0.00 - 0.50
7-00136	70230	Pu-239/240	0.0005 UJ	0.0428	0.0096	0.0404	0.00 - 0.50
7-00136	70230	Pu-244	0.0043	0.0116	0.0043	0.0313	0.00 - 0.50
7-00136	70230	Sb-125	-0.0306 U	0.0523	0.0174	0.354	0.00 - 0.50
7-00136	70230	Sn-126	-0.0005 U	0.0199	0.0057	0.0237	0.00 - 0.50
7-00136	70230	Sr-90	0.039 U	0.219	0.0609	0.485	0.00 - 0.50
7-00136	70230	Th-228	1.12	0.0811	0.115	3.98	0.00 - 0.50
7-00136	70230	Th-229	0.0072 U	0.0668	0.0161	0.145	0.00 - 0.50
7-00136	70230	Th-230	0.962	0.0194	0.101	2.2	0.00 - 0.50
7-00136	70230	Th-232	1.13	0.0527	0.112	3.1	0.00 - 0.50
7-00136	70230	Th-234	1.3	0.218	0.111	3.19	0.00 - 0.50
7-00136	70230	Tl-208	0.404	0.0201	0.0245	0.937	0.00 - 0.50
7-00136	70230	Tm-171	-0.943 U	6.79	2.19	72.4	0.00 - 0.50
7-00136	70230	U-233/234	1.32	0.0151	0.13	2.02	0.00 - 0.50
7-00136	70230	U-235/236	0.0895	0.0187	0.0257	0.151	0.00 - 0.50
7-00136	70230	U-238	0.887	0.0355	0.0962	1.8	0.00 - 0.50
7-00136	70231	Ac-227	-0.12 U	0.192	0.067	0.217	1.00 - 2.50
7-00136	70231	Ac-228	1.14	0.0954	0.0556	2.4	1.00 - 2.50
7-00136	70231	Am-241	0.0053	0.0072	0.0038	0.0454	1.00 - 2.50
7-00136	70231	Bi-212	0.806	0.13	0.0733	2.15	1.00 - 2.50
7-00136	70231	Bi-214	0.784	0.0295	0.0387	1.59	1.00 - 2.50
7-00136	70231	Cd-113m	-82.9 U	130	47	3030	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00136	70231	Cm-243/244	0.0122	0.021	0.0071	0.0443	1.00 - 2.50
7-00136	70231	Co-60	-0.0024 U	0.0184	0.0055	0.028	1.00 - 2.50
7-00136	70231	Cs-134	-0.0075 U	0.0143	0.0053	0.0864	1.00 - 2.50
7-00136	70231	Cs-137	0.0762	0.0163	0.0087	0.207	1.00 - 2.50
7-00136	70231	Eu-152	-0.0125 U	0.048	0.0168	0.0566	1.00 - 2.50
7-00136	70231	Eu-154	-0.0045 U	0.0981	0.0295	0.15	1.00 - 2.50
7-00136	70231	Eu-155	0.107 JS	0.0733	0.0258	0.231	1.00 - 2.50
7-00136	70231	H-3	3.08 U	7.95	2.4	11.9	1.00 - 2.50
7-00136	70231	Ho-166m	-0.003 U	0.0263	0.0078	0.0432	1.00 - 2.50
7-00136	70231	K-40	21.5	0.147	1.34	32.4	1.00 - 2.50
7-00136	70231	Na-22	-0.0094 U	0.0219	0.007	0.037	1.00 - 2.50
7-00136	70231	Nb-94	0.0042 U	0.0153	0.0045	0.0214	1.00 - 2.50
7-00136	70231	Np-236	-0.0074 U	0.039	0.0118	0.047	1.00 - 2.50
7-00136	70231	Np-239	-0.0396 U	0.13	0.0412	0.139	1.00 - 2.50
7-00136	70231	Pa-231	0.138 U	0.827	0.278	0.936	1.00 - 2.50
7-00136	70231	Pb-212	1.28	0.0342	0.085	2.69	1.00 - 2.50
7-00136	70231	Pb-214	0.889	0.0344	0.0463	1.7	1.00 - 2.50
7-00136	70231	Pu-238	-0.0105 U	0.0366	0.0069	0.0415	1.00 - 2.50
7-00136	70231	Pu-239/240	0	0.0076	0.0028	0.0404	1.00 - 2.50
7-00136	70231	Pu-244	0.0036 U	0.0178	0.0044	0.0313	1.00 - 2.50
7-00136	70231	Sb-125	0.0127 U	0.0451	0.0136	0.354	1.00 - 2.50
7-00136	70231	Sn-126	-0.0041 U	0.0166	0.005	0.0237	1.00 - 2.50
7-00136	70231	Sr-90	0.0423 U	0.19	0.0542	0.485	1.00 - 2.50
7-00136	70231	Th-228	1.09	0.0685	0.111	3.98	1.00 - 2.50
7-00136	70231	Th-229	0.014 U	0.0515	0.014	0.145	1.00 - 2.50
7-00136	70231	Th-230	0.824	0.0189	0.0899	2.2	1.00 - 2.50
7-00136	70231	Th-232	1.09	0.0647	0.109	3.1	1.00 - 2.50
7-00136	70231	Th-234	1.18 J	0.324	0.148	3.19	1.00 - 2.50
7-00136	70231	Tl-208	0.39	0.0169	0.0227	0.937	1.00 - 2.50
7-00136	70231	Tm-171	-6.23 U	18.9	6.49	72.4	1.00 - 2.50
7-00136	70231	U-233/234	0.818	0.0487	0.085	2.02	1.00 - 2.50
7-00136	70231	U-235/236	0.0322	0.05	0.0172	0.151	1.00 - 2.50
7-00136	70231	U-238	0.774	0.0284	0.081	1.8	1.00 - 2.50
7-00137	70232	Ac-227	0.0335 U	0.164	0.0506	0.217	0.00 - 0.50
7-00137	70232	Ac-228	1.09	0.0877	0.0535	2.4	0.00 - 0.50
7-00137	70232	Am-241	0.0121	0.0253	0.0078	0.0454	0.00 - 0.50
7-00137	70232	Bi-212	0.774	0.121	0.0705	2.15	0.00 - 0.50
7-00137	70232	Bi-214	0.781	0.0281	0.0408	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00137	70232	Cd-113m	22.5 U	104	32.2	3030	0.00 - 0.50
7-00137	70232	Cm-243/244	0.0047	0.013	0.0039	0.0443	0.00 - 0.50
7-00137	70232	Co-60	0 U	0.0167	0.0048	0.028	0.00 - 0.50
7-00137	70232	Cs-134	-0.0064 U	0.014	0.0052	0.0864	0.00 - 0.50
7-00137	70232	Cs-137	1.05	0.0156	0.0603	0.207	0.00 - 0.50
7-00137	70232	Eu-152	0.0017 UJ	0.0424	0.014	0.0566	0.00 - 0.50
7-00137	70232	Eu-154	-0.075 UJ	0.0899	0.0334	0.15	0.00 - 0.50
7-00137	70232	Eu-155	0.0652 JS	0.0474	0.0198	0.231	0.00 - 0.50
7-00137	70232	H-3	3.65	7.25	2.23	11.9	0.00 - 0.50
7-00137	70232	Ho-166m	0.0054 U	0.0251	0.0073	0.0432	0.00 - 0.50
7-00137	70232	K-40	20.7	0.102	1.13	32.4	0.00 - 0.50
7-00137	70232	Na-22	0.0002 U	0.02	0.0058	0.037	0.00 - 0.50
7-00137	70232	Nb-94	0.008 JS	0.0138	0.0043	0.0214	0.00 - 0.50
7-00137	70232	Np-236	-0.0117 U	0.0259	0.0081	0.047	0.00 - 0.50
7-00137	70232	Np-239	0.0093 U	0.104	0.0317	0.139	0.00 - 0.50
7-00137	70232	Pa-231	0.083 U	0.689	0.213	0.936	0.00 - 0.50
7-00137	70232	Pb-212	1.18	0.0268	0.0663	2.69	0.00 - 0.50
7-00137	70232	Pb-214	0.86	0.0302	0.0412	1.7	0.00 - 0.50
7-00137	70232	Pu-236	-0.0038 U	0.0333	0.0071	7.79	0.00 - 0.50
7-00137	70232	Pu-238	0.0023 U	0.025	0.0059	0.0415	0.00 - 0.50
7-00137	70232	Pu-239/240	0.0071 U	0.0218	0.0062	0.0404	0.00 - 0.50
7-00137	70232	Pu-244	0.0083	0.0075	0.0048	0.0313	0.00 - 0.50
7-00137	70232	Sb-125	0.0036 U	0.0427	0.0126	0.354	0.00 - 0.50
7-00137	70232	Sn-126	0.0039 U	0.0162	0.0047	0.0237	0.00 - 0.50
7-00137	70232	Sr-90	0.191 U	0.345	0.108	0.485	0.00 - 0.50
7-00137	70232	Th-228	1.36	0.1	0.133	3.98	0.00 - 0.50
7-00137	70232	Th-229	0.0655	0.0536	0.0245	0.145	0.00 - 0.50
7-00137	70232	Th-230	0.806	0.0535	0.0911	2.2	0.00 - 0.50
7-00137	70232	Th-232	1.13	0.0533	0.113	3.1	0.00 - 0.50
7-00137	70232	Th-234	1.31	0.193	0.107	3.19	0.00 - 0.50
7-00137	70232	Tl-208	0.384	0.0157	0.023	0.937	0.00 - 0.50
7-00137	70232	Tm-171	3.3 J	5.7	2.06	72.4	0.00 - 0.50
7-00137	70232	U-233/234	1.15	0.0421	0.116	2.02	0.00 - 0.50
7-00137	70232	U-235/236	0.0527	0.0179	0.019	0.151	0.00 - 0.50
7-00137	70232	U-238	0.955	0.0145	0.0999	1.8	0.00 - 0.50
7-00138	70234	Ac-227	0.0084 U	0.2	0.0613	0.217	0.00 - 0.50
7-00138	70234	Ac-228	1.1	0.0932	0.0562	2.4	0.00 - 0.50
7-00138	70234	Am-241	0.0056 U	0.0178	0.005	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00138	70234	Bi-212	0.717	0.127	0.068	2.15	0.00 - 0.50
7-00138	70234	Bi-214	0.819	0.0303	0.0395	1.59	0.00 - 0.50
7-00138	70234	Cd-113m	-3.61 U	132	46.4	3030	0.00 - 0.50
7-00138	70234	Cm-243/244	0	0.0053	0.002	0.0443	0.00 - 0.50
7-00138	70234	Co-60	0.0007 U	0.017	0.005	0.028	0.00 - 0.50
7-00138	70234	Cs-134	0.0077 JS	0.0148	0.0052	0.0864	0.00 - 0.50
7-00138	70234	Cs-137	0.865	0.0177	0.0477	0.207	0.00 - 0.50
7-00138	70234	Eu-152	0.0156 UJ	0.0496	0.019	0.0566	0.00 - 0.50
7-00138	70234	Eu-154	0.0026 U	0.0961	0.0279	0.15	0.00 - 0.50
7-00138	70234	Eu-155	0.0535 JS	0.0697	0.0211	0.231	0.00 - 0.50
7-00138	70234	H-3	7.55	9.32	2.88	11.9	0.00 - 0.50
7-00138	70234	Ho-166m	0.0115 U	0.0259	0.008	0.0432	0.00 - 0.50
7-00138	70234	K-40	21.8	0.129	1.33	32.4	0.00 - 0.50
7-00138	70234	Na-22	-0.0127 U	0.0191	0.0066	0.037	0.00 - 0.50
7-00138	70234	Nb-94	0.0076 JS	0.0146	0.0046	0.0214	0.00 - 0.50
7-00138	70234	Np-236	-0.0089 U	0.0385	0.0118	0.047	0.00 - 0.50
7-00138	70234	Np-239	-0.0432 U	0.134	0.0426	0.139	0.00 - 0.50
7-00138	70234	Pa-231	0.396 U	0.857	0.295	0.936	0.00 - 0.50
7-00138	70234	Pb-212	1.21	0.0354	0.075	2.69	0.00 - 0.50
7-00138	70234	Pb-214	0.938	0.0352	0.0464	1.7	0.00 - 0.50
7-00138	70234	Pu-236	0	0.0073	0.0027	7.79	0.00 - 0.50
7-00138	70234	Pu-238	0.0078	0.007	0.0045	0.0415	0.00 - 0.50
7-00138	70234	Pu-239/240	0.001 U	0.0282	0.0067	0.0404	0.00 - 0.50
7-00138	70234	Pu-244	0.0026	0.007	0.0026	0.0313	0.00 - 0.50
7-00138	70234	Sb-125	0.0075 U	0.0474	0.014	0.354	0.00 - 0.50
7-00138	70234	Sn-126	-0.0001 U	0.0157	0.0047	0.0237	0.00 - 0.50
7-00138	70234	Sr-90	0.23	0.235	0.0802	0.485	0.00 - 0.50
7-00138	70234	Th-228	1.18	0.081	0.118	3.98	0.00 - 0.50
7-00138	70234	Th-229	0.0286	0.0664	0.0203	0.145	0.00 - 0.50
7-00138	70234	Th-230	0.735	0.0193	0.0844	2.2	0.00 - 0.50
7-00138	70234	Th-232	1.07	0.0524	0.108	3.1	0.00 - 0.50
7-00138	70234	Th-234	1.5 J	0.307	0.16	3.19	0.00 - 0.50
7-00138	70234	Tl-208	0.377	0.0164	0.0224	0.937	0.00 - 0.50
7-00138	70234	Tm-171	-0.433 U	14.7	4.94	72.4	0.00 - 0.50
7-00138	70234	U-233/234	1.63	0.0456	0.15	2.02	0.00 - 0.50
7-00138	70234	U-235/236	0.0889	0.0397	0.0254	0.151	0.00 - 0.50
7-00138	70234	U-238	1.2	0.0588	0.118	1.8	0.00 - 0.50
7-00138	70235	Ac-227	-0.0039 U	0.168	0.051	0.217	1.00 - 2.70

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00138	70235	Ac-228	1.27	0.0828	0.0618	2.4	1.00 - 2.70
7-00138	70235	Am-241	0.0021	0.0058	0.0021	0.0454	1.00 - 2.70
7-00138	70235	Bi-212	0.773	0.116	0.0682	2.15	1.00 - 2.70
7-00138	70235	Bi-214	0.852	0.0252	0.0403	1.59	1.00 - 2.70
7-00138	70235	Cd-113m	39 U	114	36.6	3030	1.00 - 2.70
7-00138	70235	Cm-243/244	0.0046 U	0.0215	0.0057	0.0443	1.00 - 2.70
7-00138	70235	Co-60	0.0044 U	0.0151	0.0045	0.028	1.00 - 2.70
7-00138	70235	Cs-134	-0.0023 U	0.0128	0.0045	0.0864	1.00 - 2.70
7-00138	70235	Cs-137	0.0483	0.0149	0.0062	0.207	1.00 - 2.70
7-00138	70235	Eu-152	-0.0147 U	0.0402	0.0148	0.0566	1.00 - 2.70
7-00138	70235	Eu-154	-0.0075 U	0.087	0.0257	0.15	1.00 - 2.70
7-00138	70235	Eu-155	0.0699 JS	0.059	0.021	0.231	1.00 - 2.70
7-00138	70235	H-3	2.58 U	8.51	2.56	11.9	1.00 - 2.70
7-00138	70235	Ho-166m	-0.0016 U	0.0227	0.0069	0.0432	1.00 - 2.70
7-00138	70235	K-40	22.6	0.112	1.35	32.4	1.00 - 2.70
7-00138	70235	Na-22	-0.0056 U	0.0183	0.0057	0.037	1.00 - 2.70
7-00138	70235	Nb-94	-0.001 U	0.013	0.0039	0.0214	1.00 - 2.70
7-00138	70235	Np-236	-0.0066 U	0.0321	0.0099	0.047	1.00 - 2.70
7-00138	70235	Np-239	-0.0028 U	0.114	0.0343	0.139	1.00 - 2.70
7-00138	70235	Pa-231	-0.105 U	0.687	0.212	0.936	1.00 - 2.70
7-00138	70235	Pb-212	1.38	0.0292	0.0844	2.69	1.00 - 2.70
7-00138	70235	Pb-214	0.981	0.0292	0.0477	1.7	1.00 - 2.70
7-00138	70235	Pu-238	-0.0038 UJ	0.0295	0.0052	0.0415	1.00 - 2.70
7-00138	70235	Pu-239/240	0.0018 UJ	0.0257	0.0057	0.0404	1.00 - 2.70
7-00138	70235	Pu-244	0.0033	0.0088	0.0033	0.0313	1.00 - 2.70
7-00138	70235	Sb-125	0.0136 U	0.0386	0.0116	0.354	1.00 - 2.70
7-00138	70235	Sn-126	-0.0045 U	0.0147	0.0046	0.0237	1.00 - 2.70
7-00138	70235	Sr-90	0.0279 U	0.161	0.0446	0.485	1.00 - 2.70
7-00138	70235	Th-228	1.16	0.0601	0.12	3.98	1.00 - 2.70
7-00138	70235	Th-229	0.0155 U	0.072	0.019	0.145	1.00 - 2.70
7-00138	70235	Th-230	0.75	0.0569	0.089	2.2	1.00 - 2.70
7-00138	70235	Th-232	1.09	0.0209	0.112	3.1	1.00 - 2.70
7-00138	70235	Th-234	1.28	0.24	0.12	3.19	1.00 - 2.70
7-00138	70235	Tl-208	0.419	0.0145	0.0235	0.937	1.00 - 2.70
7-00138	70235	Tm-171	1.21 U	10.2	3.57	72.4	1.00 - 2.70
7-00138	70235	U-233/234	0.838	0.0751	0.0947	2.02	1.00 - 2.70
7-00138	70235	U-235/236	0.073	0.0453	0.0247	0.151	1.00 - 2.70
7-00138	70235	U-238	0.98	0.0453	0.105	1.8	1.00 - 2.70

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00139	70236	Ac-227	0.0598 U	0.288	0.0857	0.217	0.00 - 0.50
7-00139	70236	Ac-228	1.27	0.123	0.0683	2.4	0.00 - 0.50
7-00139	70236	Am-241	-0.0018 U	0.0206	0.0041	0.0454	0.00 - 0.50
7-00139	70236	Bi-212	0.64 J	0.231	0.171	2.15	0.00 - 0.50
7-00139	70236	Bi-214	1.02	0.0375	0.0527	1.59	0.00 - 0.50
7-00139	70236	Cd-113m	-146 U	189	75.6	3030	0.00 - 0.50
7-00139	70236	Cm-243/244	0.0026 U	0.0131	0.0033	0.0443	0.00 - 0.50
7-00139	70236	Co-60	-0.0005 U	0.0219	0.0064	0.028	0.00 - 0.50
7-00139	70236	Cs-134	0.026 JS	0.0224	0.0096	0.0864	0.00 - 0.50
7-00139	70236	Cs-137	0.387	0.0217	0.0271	0.207	0.00 - 0.50
7-00139	70236	Eu-152	-0.016 U	0.0694	0.0414	0.0566	0.00 - 0.50
7-00139	70236	Eu-154	0.0076 U	0.127	0.0379	0.15	0.00 - 0.50
7-00139	70236	Eu-155	0.0217 U	0.107	0.0329	0.231	0.00 - 0.50
7-00139	70236	Ho-166m	0.0061 U	0.0346	0.0103	0.0432	0.00 - 0.50
7-00139	70236	K-40	21.9	0.179	1.43	32.4	0.00 - 0.50
7-00139	70236	Na-22	-0.0142 U	0.0273	0.0089	0.037	0.00 - 0.50
7-00139	70236	Nb-94	0.0017 U	0.0192	0.0057	0.0214	0.00 - 0.50
7-00139	70236	Np-236	-0.0018 U	0.0568	0.0173	0.047	0.00 - 0.50
7-00139	70236	Np-239	-0.0538 U	0.192	0.0637	0.139	0.00 - 0.50
7-00139	70236	Pa-231	-1.5 UJ	1.18	0.511	0.936	0.00 - 0.50
7-00139	70236	Pb-212	1.52	0.0486	0.11	2.69	0.00 - 0.50
7-00139	70236	Pb-214	1.04	0.0494	0.058	1.7	0.00 - 0.50
7-00139	70236	Pu-236	-0.0018 U	0.0319	0.0069	7.79	0.00 - 0.50
7-00139	70236	Pu-238	-0.0078 U	0.037	0.0076	0.0415	0.00 - 0.50
7-00139	70236	Pu-239/240	0.0093	0.018	0.006	0.0404	0.00 - 0.50
7-00139	70236	Pu-244	0.0036 U	0.018	0.0045	0.0313	0.00 - 0.50
7-00139	70236	Sb-125	0.0071 U	0.0639	0.0189	0.354	0.00 - 0.50
7-00139	70236	Sn-126	-0.0049 U	0.0223	0.0068	0.0237	0.00 - 0.50
7-00139	70236	Sr-90	1.25	0.245	0.178	0.485	0.00 - 0.50
7-00139	70236	Th-228	1.12	0.0887	0.104	3.98	0.00 - 0.50
7-00139	70236	Th-229	0.0479	0.0495	0.0194	0.145	0.00 - 0.50
7-00139	70236	Th-230	0.839	0.0493	0.0827	2.2	0.00 - 0.50
7-00139	70236	Th-232	1.13	0.039	0.101	3.1	0.00 - 0.50
7-00139	70236	Th-234	0.957 J	0.54	0.312	3.19	0.00 - 0.50
7-00139	70236	Tl-208	0.411	0.0222	0.0262	0.937	0.00 - 0.50
7-00139	70236	Tm-171	-1.91 U	28.7	9.44	72.4	0.00 - 0.50
7-00139	70236	U-233/234	0.847	0.0102	0.0822	2.02	0.00 - 0.50
7-00139	70236	U-235/236	0.0803	0.0296	0.0208	0.151	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00139	70236	U-238	0.925	0.0102	0.0879	1.8	0.00 - 0.50
7-00139	70237	Ac-227	-0.0002 U	0.221	0.0651	0.217	1.00 - 3.50
7-00139	70237	Ac-228	1.17	0.0987	0.0576	2.4	1.00 - 3.50
7-00139	70237	Am-241	0.0042 UJ	0.029	0.0075	0.0454	1.00 - 3.50
7-00139	70237	Bi-212	0.811 J	0.131	0.0848	2.15	1.00 - 3.50
7-00139	70237	Bi-214	0.944	0.035	0.0461	1.59	1.00 - 3.50
7-00139	70237	Cd-113m	-50.3 U	146	46.5	3030	1.00 - 3.50
7-00139	70237	Cm-243/244	0.0127	0.025	0.0079	0.0443	1.00 - 3.50
7-00139	70237	Co-60	-0.0036 U	0.0179	0.0054	0.028	1.00 - 3.50
7-00139	70237	Cs-134	0.0026 U	0.0168	0.0057	0.0864	1.00 - 3.50
7-00139	70237	Cs-137	2.64	0.0196	0.14	0.207	1.00 - 3.50
7-00139	70237	Eu-152	-0.0145 U	0.0572	0.019	0.0566	1.00 - 3.50
7-00139	70237	Eu-154	-0.0403 U	0.102	0.0319	0.15	1.00 - 3.50
7-00139	70237	Eu-155	0.0981 JS	0.0731	0.0287	0.231	1.00 - 3.50
7-00139	70237	Ho-166m	-0.0053 U	0.027	0.0082	0.0432	1.00 - 3.50
7-00139	70237	K-40	20.7	0.133	1.27	32.4	1.00 - 3.50
7-00139	70237	Na-22	0.0062 U	0.0226	0.0067	0.037	1.00 - 3.50
7-00139	70237	Nb-94	0.0053 U	0.0164	0.0049	0.0214	1.00 - 3.50
7-00139	70237	Np-236	-0.0057 U	0.0395	0.0121	0.047	1.00 - 3.50
7-00139	70237	Np-239	-0.0166 U	0.147	0.0434	0.139	1.00 - 3.50
7-00139	70237	Pa-231	0.227 U	0.934	0.28	0.936	1.00 - 3.50
7-00139	70237	Pb-212	1.29	0.0375	0.0775	2.69	1.00 - 3.50
7-00139	70237	Pb-214	0.994	0.0404	0.0502	1.7	1.00 - 3.50
7-00139	70237	Pu-236	0.011	0.0258	0.0079	7.79	1.00 - 3.50
7-00139	70237	Pu-238	0.0263	0.0305	0.0111	0.0415	1.00 - 3.50
7-00139	70237	Pu-239/240	0.0016 U	0.022	0.0049	0.0404	1.00 - 3.50
7-00139	70237	Pu-244	0.0056	0.0076	0.004	0.0313	1.00 - 3.50
7-00139	70237	Sb-125	0.0118 U	0.0595	0.0182	0.354	1.00 - 3.50
7-00139	70237	Sn-126	-0.0084 U	0.0174	0.0057	0.0237	1.00 - 3.50
7-00139	70237	Sr-90	3.36 J	0.285	0.369	0.485	1.00 - 3.50
7-00139	70237	Th-228	1.24	0.0937	0.121	3.98	1.00 - 3.50
7-00139	70237	Th-229	0.0208 U	0.0644	0.0184	0.145	1.00 - 3.50
7-00139	70237	Th-230	0.885	0.0509	0.0942	2.2	1.00 - 3.50
7-00139	70237	Th-232	1.12	0.0187	0.11	3.1	1.00 - 3.50
7-00139	70237	Th-234	1.64 J	0.306	0.183	3.19	1.00 - 3.50
7-00139	70237	Tl-208	0.409	0.0192	0.0244	0.937	1.00 - 3.50
7-00139	70237	Tm-171	-8.08 U	15.3	5.43	72.4	1.00 - 3.50
7-00139	70237	U-233/234	0.941	0.0547	0.1	2.02	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00139	70237	U-235/236	0.0472	0.0183	0.0182	0.151	1.00 - 3.50
7-00139	70237	U-238	1.03	0.0148	0.106	1.8	1.00 - 3.50
7-00140	70238	Ac-227	-0.0736 U	0.158	0.0523	0.217	0.00 - 0.50
7-00140	70238	Ac-228	1.14	0.0888	0.0541	2.4	0.00 - 0.50
7-00140	70238	Am-241	0.0095	0.0114	0.0046	0.0454	0.00 - 0.50
7-00140	70238	Bi-212	0.686 J	0.132	0.0726	2.15	0.00 - 0.50
7-00140	70238	Bi-214	0.916	0.0284	0.0441	1.59	0.00 - 0.50
7-00140	70238	Cd-113m	-41.4 U	105	34.1	3030	0.00 - 0.50
7-00140	70238	Cm-243/244	0.0023 U	0.0115	0.0029	0.0443	0.00 - 0.50
7-00140	70238	Co-60	0.0057 U	0.0185	0.0054	0.028	0.00 - 0.50
7-00140	70238	Cs-134	0.0051 U	0.0145	0.005	0.0864	0.00 - 0.50
7-00140	70238	Cs-137	0.21	0.0174	0.0151	0.207	0.00 - 0.50
7-00140	70238	Eu-152	-0.0385 UJ	0.0397	0.0154	0.0566	0.00 - 0.50
7-00140	70238	Eu-154	-0.0468 U	0.0968	0.0318	0.15	0.00 - 0.50
7-00140	70238	Eu-155	0.0847 JS	0.0475	0.0225	0.231	0.00 - 0.50
7-00140	70238	Ho-166m	-0.0017 U	0.0261	0.0076	0.0432	0.00 - 0.50
7-00140	70238	K-40	19.8	0.123	1.07	32.4	0.00 - 0.50
7-00140	70238	Na-22	-0.0021 U	0.0211	0.0062	0.037	0.00 - 0.50
7-00140	70238	Nb-94	-0.0017 U	0.0147	0.0043	0.0214	0.00 - 0.50
7-00140	70238	Np-236	-0.0144 U	0.0267	0.0089	0.047	0.00 - 0.50
7-00140	70238	Np-239	-0.0082 U	0.104	0.0319	0.139	0.00 - 0.50
7-00140	70238	Pa-231	-0.334 U	0.661	0.223	0.936	0.00 - 0.50
7-00140	70238	Pb-212	1.25	0.028	0.0693	2.69	0.00 - 0.50
7-00140	70238	Pb-214	0.991	0.0292	0.0463	1.7	0.00 - 0.50
7-00140	70238	Pu-236	0.0078 U	0.0426	0.0115	7.79	0.00 - 0.50
7-00140	70238	Pu-238	-0.0019 U	0.0463	0.0114	0.0415	0.00 - 0.50
7-00140	70238	Pu-239/240	0.0069	0.0192	0.0057	0.0404	0.00 - 0.50
7-00140	70238	Pu-244	0	0.0082	0.003	0.0313	0.00 - 0.50
7-00140	70238	Sb-125	0.0032 U	0.0412	0.0121	0.354	0.00 - 0.50
7-00140	70238	Sn-126	-0.0049 U	0.0163	0.0049	0.0237	0.00 - 0.50
7-00140	70238	Sr-90	0.996	0.235	0.15	0.485	0.00 - 0.50
7-00140	70238	Th-228	1.34	0.0776	0.126	3.98	0.00 - 0.50
7-00140	70238	Th-229	0.0069 U	0.0506	0.0119	0.145	0.00 - 0.50
7-00140	70238	Th-230	0.92	0.0505	0.0958	2.2	0.00 - 0.50
7-00140	70238	Th-232	1.05	0.0504	0.105	3.1	0.00 - 0.50
7-00140	70238	Th-234	1.29	0.19	0.111	3.19	0.00 - 0.50
7-00140	70238	Tl-208	0.416	0.0154	0.0249	0.937	0.00 - 0.50
7-00140	70238	Tm-171	1.74 U	6.05	2.08	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00140	70238	U-233/234	1.09	0.0111	0.102	2.02	0.00 - 0.50
7-00140	70238	U-235/236	0.071	0.0137	0.0196	0.151	0.00 - 0.50
7-00140	70238	U-238	0.964	0.0371	0.0934	1.8	0.00 - 0.50
7-00140	70239	Ac-227	0.0283 U	0.213	0.0653	0.217	1.00 - 4.30
7-00140	70239	Ac-228	1.47	0.0943	0.0708	2.4	1.00 - 4.30
7-00140	70239	Am-241	0.0104	0.021	0.0066	0.0454	1.00 - 4.30
7-00140	70239	Bi-212	0.956	0.138	0.079	2.15	1.00 - 4.30
7-00140	70239	Bi-214	1.09	0.0307	0.0504	1.59	1.00 - 4.30
7-00140	70239	Cd-113m	62 U	145	47.7	3030	1.00 - 4.30
7-00140	70239	Cm-243/244	0.016	0.0123	0.006	0.0443	1.00 - 4.30
7-00140	70239	Co-60	-0.0003 U	0.0174	0.0051	0.028	1.00 - 4.30
7-00140	70239	Cs-134	-0.0039 U	0.0149	0.0053	0.0864	1.00 - 4.30
7-00140	70239	Cs-137	0.283	0.0179	0.0182	0.207	1.00 - 4.30
7-00140	70239	Eu-152	-0.0334 U	0.0515	0.0204	0.0566	1.00 - 4.30
7-00140	70239	Eu-154	-0.0254 U	0.0922	0.0324	0.15	1.00 - 4.30
7-00140	70239	Eu-155	0.0719 JS	0.0789	0.0295	0.231	1.00 - 4.30
7-00140	70239	Ho-166m	-0.0035 U	0.0269	0.0082	0.0432	1.00 - 4.30
7-00140	70239	K-40	20.1	0.147	1.23	32.4	1.00 - 4.30
7-00140	70239	Na-22	-0.0001 U	0.0197	0.0068	0.037	1.00 - 4.30
7-00140	70239	Nb-94	0.0049 U	0.0157	0.0048	0.0214	1.00 - 4.30
7-00140	70239	Np-236	-0.0369 UJ	0.042	0.0164	0.047	1.00 - 4.30
7-00140	70239	Np-239	-0.019 U	0.147	0.0454	0.139	1.00 - 4.30
7-00140	70239	Pa-231	-0.103 U	0.889	0.285	0.936	1.00 - 4.30
7-00140	70239	Pb-212	1.64	0.0373	0.1	2.69	1.00 - 4.30
7-00140	70239	Pb-214	1.29	0.0366	0.0603	1.7	1.00 - 4.30
7-00140	70239	Pu-236	0.0012 U	0.0261	0.0051	7.79	1.00 - 4.30
7-00140	70239	Pu-238	0.0161	0.0109	0.0081	0.0415	1.00 - 4.30
7-00140	70239	Pu-239/240	0.0023 U	0.0317	0.007	0.0404	1.00 - 4.30
7-00140	70239	Pu-244	0.008	0.0109	0.0057	0.0313	1.00 - 4.30
7-00140	70239	Sb-125	0.0215 U	0.0496	0.0152	0.354	1.00 - 4.30
7-00140	70239	Sn-126	-0.0057 U	0.0169	0.0053	0.0237	1.00 - 4.30
7-00140	70239	Sr-90	0.364	0.121	0.0637	0.485	1.00 - 4.30
7-00140	70239	Th-228	1.56 R	0.0199	0.139	3.98	1.00 - 4.30
7-00140	70239	Th-229	0.0286 R	0.0194	0.0144	0.145	1.00 - 4.30
7-00140	70239	Th-230	1.13 R	0.0194	0.11	2.2	1.00 - 4.30
7-00140	70239	Th-232	1.42 R	0.0524	0.129	3.1	1.00 - 4.30
7-00140	70239	Th-234	2.02	0.334	0.195	3.19	1.00 - 4.30
7-00140	70239	Tl-208	0.494	0.0179	0.027	0.937	1.00 - 4.30

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00140	70239	Tm-171	-9.02 U	16	5.84	72.4	1.00 - 4.30
7-00140	70239	U-233/234	1.22	0.0172	0.126	2.02	1.00 - 4.30
7-00140	70239	U-235/236	0.0941	0.0212	0.028	0.151	1.00 - 4.30
7-00140	70239	U-238	1.29	0.05	0.132	1.8	1.00 - 4.30
7-00141	70240	Ac-227	-0.156 U	0.23	0.0793	0.217	0.00 - 0.50
7-00141	70240	Ac-228	1.18	0.113	0.0602	2.4	0.00 - 0.50
7-00141	70240	Am-241	0.0072	0.0139	0.0047	0.0454	0.00 - 0.50
7-00141	70240	Bi-212	0.761 J	0.154	0.0819	2.15	0.00 - 0.50
7-00141	70240	Bi-214	1.08	0.033	0.0523	1.59	0.00 - 0.50
7-00141	70240	Cd-113m	-9.66 U	156	46.7	3030	0.00 - 0.50
7-00141	70240	Cm-243/244	0.0028 U	0.014	0.0035	0.0443	0.00 - 0.50
7-00141	70240	Co-60	-0.0075 U	0.0198	0.0063	0.028	0.00 - 0.50
7-00141	70240	Cs-134	-0.0067 U	0.0173	0.0062	0.0864	0.00 - 0.50
7-00141	70240	Cs-137	0.791	0.0217	0.0443	0.207	0.00 - 0.50
7-00141	70240	Eu-152	-0.0336 U	0.0568	0.0193	0.0566	0.00 - 0.50
7-00141	70240	Eu-154	-0.0265 U	0.113	0.034	0.15	0.00 - 0.50
7-00141	70240	Eu-155	0.0889 JS	0.0838	0.0329	0.231	0.00 - 0.50
7-00141	70240	Ho-166m	-0.0031 U	0.0299	0.009	0.0432	0.00 - 0.50
7-00141	70240	K-40	22.5	0.135	1.39	32.4	0.00 - 0.50
7-00141	70240	Na-22	-0.0182 UJ	0.0248	0.0089	0.037	0.00 - 0.50
7-00141	70240	Nb-94	0.0014 U	0.0171	0.0051	0.0214	0.00 - 0.50
7-00141	70240	Np-236	0.0016 U	0.044	0.0135	0.047	0.00 - 0.50
7-00141	70240	Np-239	0.0015 U	0.157	0.0464	0.139	0.00 - 0.50
7-00141	70240	Pa-231	0.127 U	0.955	0.325	0.936	0.00 - 0.50
7-00141	70240	Pb-212	1.37	0.0392	0.089	2.69	0.00 - 0.50
7-00141	70240	Pb-214	1.14	0.0419	0.057	1.7	0.00 - 0.50
7-00141	70240	Pu-236	-0.0035 U	0.0273	0.0048	7.79	0.00 - 0.50
7-00141	70240	Pu-238	-0.0084 U	0.0293	0.0051	0.0415	0.00 - 0.50
7-00141	70240	Pu-239/240	0.0154	0.0186	0.0075	0.0404	0.00 - 0.50
7-00141	70240	Pu-244	0	0.0079	0.0029	0.0313	0.00 - 0.50
7-00141	70240	Sb-125	0.0041 U	0.0561	0.0171	0.354	0.00 - 0.50
7-00141	70240	Sn-126	0.0065 U	0.0196	0.0059	0.0237	0.00 - 0.50
7-00141	70240	Sr-90	-0.0641 U	0.284	0.0764	0.485	0.00 - 0.50
7-00141	70240	Th-228	1.38	0.0197	0.128	3.98	0.00 - 0.50
7-00141	70240	Th-229	0.0415	0.0187	0.0171	0.145	0.00 - 0.50
7-00141	70240	Th-230	0.911	0.0187	0.0949	2.2	0.00 - 0.50
7-00141	70240	Th-232	1.18	0.0639	0.114	3.1	0.00 - 0.50
7-00141	70240	Th-234	1.5 J	0.354	0.18	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00141	70240	Tl-208	0.39	0.0201	0.0236	0.937	0.00 - 0.50
7-00141	70240	Tm-171	-1.35 U	19	6.4	72.4	0.00 - 0.50
7-00141	70240	U-233/234	1.2	0.0243	0.109	2.02	0.00 - 0.50
7-00141	70240	U-235/236	0.0709	0.0128	0.019	0.151	0.00 - 0.50
7-00141	70240	U-238	1.07	0.0243	0.0996	1.8	0.00 - 0.50
7-00142	70242	Ac-227	-0.0355 U	0.168	0.0503	0.217	0.00 - 0.50
7-00142	70242	Ac-228	1.06	0.0811	0.0506	2.4	0.00 - 0.50
7-00142	70242	Am-241	-0.001 U	0.0177	0.0032	0.0454	0.00 - 0.50
7-00142	70242	Bi-212	0.695	0.112	0.0634	2.15	0.00 - 0.50
7-00142	70242	Bi-214	0.886	0.025	0.0412	1.59	0.00 - 0.50
7-00142	70242	Cd-113m	-18.1 U	112	34.5	3030	0.00 - 0.50
7-00142	70242	Cm-243/244	0.0058 U	0.0178	0.0051	0.0443	0.00 - 0.50
7-00142	70242	Co-60	-0.001 U	0.0153	0.0045	0.028	0.00 - 0.50
7-00142	70242	Cs-134	-0.002 U	0.0124	0.0044	0.0864	0.00 - 0.50
7-00142	70242	Cs-137	0.803	0.0154	0.0438	0.207	0.00 - 0.50
7-00142	70242	Eu-152	-0.0007 U	0.0407	0.0125	0.0566	0.00 - 0.50
7-00142	70242	Eu-154	-0.0443 U	0.0849	0.028	0.15	0.00 - 0.50
7-00142	70242	Eu-155	0.0557 SJ	0.0565	0.0189	0.231	0.00 - 0.50
7-00142	70242	Ho-166m	-0.0003 U	0.022	0.0064	0.0432	0.00 - 0.50
7-00142	70242	K-40	22.1	0.112	1.24	32.4	0.00 - 0.50
7-00142	70242	Na-22	0.0008 U	0.0182	0.0055	0.037	0.00 - 0.50
7-00142	70242	Nb-94	0.0071 SJ	0.0134	0.0041	0.0214	0.00 - 0.50
7-00142	70242	Np-236	-0.0284 SUJ	0.0308	0.0117	0.047	0.00 - 0.50
7-00142	70242	Np-239	0.0017 U	0.113	0.033	0.139	0.00 - 0.50
7-00142	70242	Pa-231	0.113 U	0.698	0.213	0.936	0.00 - 0.50
7-00142	70242	Pb-212	1.16	0.029	0.0701	2.69	0.00 - 0.50
7-00142	70242	Pb-214	0.983	0.0285	0.0481	1.7	0.00 - 0.50
7-00142	70242	Pu-236	-0.0058 U	0.0377	0.0084	7.79	0.00 - 0.50
7-00142	70242	Pu-238	0.0002 U	0.038	0.0095	0.0415	0.00 - 0.50
7-00142	70242	Pu-239/240	0.0003 U	0.0256	0.0058	0.0404	0.00 - 0.50
7-00142	70242	Pu-244	0	0.0069	0.0026	0.0313	0.00 - 0.50
7-00142	70242	Sb-125	0.0111 U	0.0406	0.0123	0.354	0.00 - 0.50
7-00142	70242	Sn-126	0.0096 J	0.0148	0.0047	0.0237	0.00 - 0.50
7-00142	70242	Sr-90	-0.0824 U	0.359	0.0967	0.485	0.00 - 0.50
7-00142	70242	Th-228	0.901	0.227	0.129	3.98	0.00 - 0.50
7-00142	70242	Th-229	0.0409 UJ	0.123	0.0355	0.145	0.00 - 0.50
7-00142	70242	Th-230	0.826	0.122	0.11	2.2	0.00 - 0.50
7-00142	70242	Th-232	1.13	0.0748	0.13	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00142	70242	Th-234	1.28	0.236	0.126	3.19	0.00 - 0.50
7-00142	70242	Tl-208	0.357	0.0143	0.021	0.937	0.00 - 0.50
7-00142	70242	Tm-171	-1.05 U	9.28	3.13	72.4	0.00 - 0.50
7-00142	70242	U-233/234	0.986	0.037	0.105	2.02	0.00 - 0.50
7-00142	70242	U-235/236	0.0502	0.0194	0.0193	0.151	0.00 - 0.50
7-00142	70242	U-238	0.93	0.037	0.101	1.8	0.00 - 0.50
7-00142	70243	Ac-227	0.0678 U	0.183	0.0572	0.217	1.00 - 5.00
7-00142	70243	Ac-228	1.29	0.0863	0.0623	2.4	1.00 - 5.00
7-00142	70243	Am-241	0.0075 U	0.0231	0.0066	0.0454	1.00 - 5.00
7-00142	70243	Bi-212	0.905	0.117	0.0737	2.15	1.00 - 5.00
7-00142	70243	Bi-214	1.01	0.0274	0.0469	1.59	1.00 - 5.00
7-00142	70243	Cd-113m	56.3 U	123	41.9	3030	1.00 - 5.00
7-00142	70243	Cm-243/244	0.0155	0.0187	0.0075	0.0443	1.00 - 5.00
7-00142	70243	Co-60	-0.0056 U	0.016	0.005	0.028	1.00 - 5.00
7-00142	70243	Cs-134	0.0028 U	0.0141	0.0049	0.0864	1.00 - 5.00
7-00142	70243	Cs-137	0.186	0.0171	0.0129	0.207	1.00 - 5.00
7-00142	70243	Eu-152	-0.0343 UJ	0.0434	0.017	0.0566	1.00 - 5.00
7-00142	70243	Eu-154	-0.0296 U	0.0855	0.0264	0.15	1.00 - 5.00
7-00142	70243	Eu-155	0.0406 JS	0.0616	0.0219	0.231	1.00 - 5.00
7-00142	70243	Ho-166m	0.0058 U	0.0245	0.0074	0.0432	1.00 - 5.00
7-00142	70243	K-40	21.5	0.118	1.28	32.4	1.00 - 5.00
7-00142	70243	Na-22	-0.0086 U	0.019	0.0071	0.037	1.00 - 5.00
7-00142	70243	Nb-94	0.0107 JS	0.0146	0.0049	0.0214	1.00 - 5.00
7-00142	70243	Np-236	-0.0061 U	0.0343	0.0102	0.047	1.00 - 5.00
7-00142	70243	Np-239	0.0211 U	0.123	0.0372	0.139	1.00 - 5.00
7-00142	70243	Pa-231	0.67 J	0.777	0.287	0.936	1.00 - 5.00
7-00142	70243	Pb-212	1.46	0.031	0.0892	2.69	1.00 - 5.00
7-00142	70243	Pb-214	1.14	0.0317	0.0555	1.7	1.00 - 5.00
7-00142	70243	Pu-236	0.0023	0.0063	0.0023	7.79	1.00 - 5.00
7-00142	70243	Pu-238	0.0088	0.0207	0.0063	0.0415	1.00 - 5.00
7-00142	70243	Pu-239/240	0.0082	0.0181	0.0056	0.0404	1.00 - 5.00
7-00142	70243	Pu-244	0	0.0062	0.0023	0.0313	1.00 - 5.00
7-00142	70243	Sb-125	-0.0059 U	0.0418	0.0124	0.354	1.00 - 5.00
7-00142	70243	Sn-126	-0.0072 U	0.0153	0.005	0.0237	1.00 - 5.00
7-00142	70243	Sr-90	-0.073 U	0.171	0.0392	0.485	1.00 - 5.00
7-00142	70243	Th-228	1.14	0.0535	0.113	3.98	1.00 - 5.00
7-00142	70243	Th-229	0.0284 U	0.0854	0.0247	0.145	1.00 - 5.00
7-00142	70243	Th-230	0.9	0.0522	0.0965	2.2	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00142	70243	Th-232	1.17	0.052	0.114	3.1	1.00 - 5.00
7-00142	70243	Th-234	1.82	0.263	0.151	3.19	1.00 - 5.00
7-00142	70243	Tl-208	0.458	0.0144	0.0257	0.937	1.00 - 5.00
7-00142	70243	Tm-171	1.65 U	10.8	3.77	72.4	1.00 - 5.00
7-00142	70243	U-233/234	1.23	0.0408	0.128	2.02	1.00 - 5.00
7-00142	70243	U-235/236	0.0317	0.0215	0.016	0.151	1.00 - 5.00
7-00142	70243	U-238	1.17	0.0174	0.123	1.8	1.00 - 5.00
7-00143	70244	Ac-227	-0.0762 U	0.181	0.0595	0.217	0.00 - 0.50
7-00143	70244	Ac-228	1.09	0.112	0.0526	2.4	0.00 - 0.50
7-00143	70244	Am-241	0.0054 U	0.0165	0.0047	0.0454	0.00 - 0.50
7-00143	70244	Bi-212	0.888 J	0.144	0.0907	2.15	0.00 - 0.50
7-00143	70244	Bi-214	0.845	0.0341	0.0437	1.59	0.00 - 0.50
7-00143	70244	Cd-113m	-8.03 U	121	37.4	3030	0.00 - 0.50
7-00143	70244	Cm-243/244	0.0042	0.0057	0.003	0.0443	0.00 - 0.50
7-00143	70244	Co-60	0.0056 U	0.0218	0.0062	0.028	0.00 - 0.50
7-00143	70244	Cs-134	-0.0045 U	0.0167	0.006	0.0864	0.00 - 0.50
7-00143	70244	Cs-137	0.223	0.0215	0.0161	0.207	0.00 - 0.50
7-00143	70244	Eu-152	-0.0199 U	0.0478	0.0149	0.0566	0.00 - 0.50
7-00143	70244	Eu-154	-0.0605 U	0.12	0.0395	0.15	0.00 - 0.50
7-00143	70244	Eu-155	0.0386 SJ	0.0522	0.0185	0.231	0.00 - 0.50
7-00143	70244	Ho-166m	-0.0042 U	0.0289	0.0084	0.0432	0.00 - 0.50
7-00143	70244	K-40	19.7	0.162	1.09	32.4	0.00 - 0.50
7-00143	70244	Na-22	-0.0101 U	0.0246	0.0077	0.037	0.00 - 0.50
7-00143	70244	Nb-94	0.0021 U	0.0174	0.005	0.0214	0.00 - 0.50
7-00143	70244	Np-236	-0.006 U	0.0298	0.0089	0.047	0.00 - 0.50
7-00143	70244	Np-239	0.0232 U	0.119	0.0367	0.139	0.00 - 0.50
7-00143	70244	Pa-231	0.0408 U	0.752	0.232	0.936	0.00 - 0.50
7-00143	70244	Pb-212	1.2	0.0306	0.0678	2.69	0.00 - 0.50
7-00143	70244	Pb-214	0.89	0.0336	0.0433	1.7	0.00 - 0.50
7-00143	70244	Pu-236	0.0065 U	0.0354	0.0096	7.79	0.00 - 0.50
7-00143	70244	Pu-238	-0.0005 U	0.0358	0.0088	0.0415	0.00 - 0.50
7-00143	70244	Pu-239/240	0.0025	0.0068	0.0025	0.0404	0.00 - 0.50
7-00143	70244	Pu-244	0.005	0.0068	0.0036	0.0313	0.00 - 0.50
7-00143	70244	Sb-125	0.0063 U	0.0459	0.0135	0.354	0.00 - 0.50
7-00143	70244	Sn-126	0.0012 U	0.0193	0.0055	0.0237	0.00 - 0.50
7-00143	70244	Sr-90	0.983	0.305	0.161	0.485	0.00 - 0.50
7-00143	70244	Th-228	1.27	0.119	0.123	3.98	0.00 - 0.50
7-00143	70244	Th-229	0.0719	0.0177	0.0221	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00143	70244	Th-230	0.874	0.0177	0.0914	2.2	0.00 - 0.50
7-00143	70244	Th-232	1.24	0.0176	0.116	3.1	0.00 - 0.50
7-00143	70244	Th-234	1.24	0.217	0.109	3.19	0.00 - 0.50
7-00143	70244	Tl-208	0.388	0.0184	0.023	0.937	0.00 - 0.50
7-00143	70244	Tm-171	-0.878 U	6.62	2.13	72.4	0.00 - 0.50
7-00143	70244	U-233/234	0.807	0.0699	0.107	2.02	0.00 - 0.50
7-00143	70244	U-235/236	0.0031 UJ	0.0698	0.0135	0.151	0.00 - 0.50
7-00143	70244	U-238	0.945	0.0699	0.119	1.8	0.00 - 0.50
7-00143	70245	Ac-227	-0.0689 U	0.195	0.0609	0.217	1.00 - 5.00
7-00143	70245	Ac-228	1.17	0.096	0.0565	2.4	1.00 - 5.00
7-00143	70245	Am-241	0.0028 U	0.0388	0.01	0.0454	1.00 - 5.00
7-00143	70245	Bi-212	0.888	0.13	0.0817	2.15	1.00 - 5.00
7-00143	70245	Bi-214	1.04	0.0291	0.0491	1.59	1.00 - 5.00
7-00143	70245	Cd-113m	-54.1 U	128	40.8	3030	1.00 - 5.00
7-00143	70245	Cm-243/244	0.0006 U	0.0342	0.0083	0.0443	1.00 - 5.00
7-00143	70245	Co-60	0.0027 U	0.0181	0.0052	0.028	1.00 - 5.00
7-00143	70245	Cs-134	0.0019 U	0.0143	0.0049	0.0864	1.00 - 5.00
7-00143	70245	Cs-137	0.0116	0.0176	0.0053	0.207	1.00 - 5.00
7-00143	70245	Eu-152	-0.0335 U	0.0478	0.018	0.0566	1.00 - 5.00
7-00143	70245	Eu-154	-0.0136 U	0.096	0.0333	0.15	1.00 - 5.00
7-00143	70245	Eu-155	0.0688 JS	0.0698	0.029	0.231	1.00 - 5.00
7-00143	70245	Ho-166m	0.004 U	0.0268	0.008	0.0432	1.00 - 5.00
7-00143	70245	K-40	21.2	0.146	1.34	32.4	1.00 - 5.00
7-00143	70245	Na-22	-0.0071 U	0.0211	0.0067	0.037	1.00 - 5.00
7-00143	70245	Nb-94	0.0045 U	0.0154	0.0047	0.0214	1.00 - 5.00
7-00143	70245	Np-236	-0.0058 U	0.0378	0.0117	0.047	1.00 - 5.00
7-00143	70245	Np-239	-0.0534 U	0.13	0.041	0.139	1.00 - 5.00
7-00143	70245	Pa-231	-0.156 U	0.817	0.249	0.936	1.00 - 5.00
7-00143	70245	Pb-212	1.4	0.0327	0.0853	2.69	1.00 - 5.00
7-00143	70245	Pb-214	1.16	0.0345	0.0553	1.7	1.00 - 5.00
7-00143	70245	Pu-236	-0.0012 U	0.022	0.004	7.79	1.00 - 5.00
7-00143	70245	Pu-238	0.009	0.0174	0.0058	0.0415	1.00 - 5.00
7-00143	70245	Pu-239/240	0.0085 U	0.0275	0.0078	0.0404	1.00 - 5.00
7-00143	70245	Pu-244	-0.002 U	0.0174	0.0034	0.0313	1.00 - 5.00
7-00143	70245	Sb-125	-0.0037 U	0.0434	0.0127	0.354	1.00 - 5.00
7-00143	70245	Sn-126	-0.0039 U	0.0168	0.0052	0.0237	1.00 - 5.00
7-00143	70245	Sr-90	0.0215 U	0.174	0.0483	0.485	1.00 - 5.00
7-00143	70245	Th-228	1.44	0.0196	0.131	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00143	70245	Th-229	0.0354	0.0192	0.0159	0.145	1.00 - 5.00
7-00143	70245	Th-230	1.11	0.0191	0.109	2.2	1.00 - 5.00
7-00143	70245	Th-232	1.48	0.0518	0.134	3.1	1.00 - 5.00
7-00143	70245	Th-234	1.67 J	0.305	0.186	3.19	1.00 - 5.00
7-00143	70245	Tl-208	0.408	0.0167	0.024	0.937	1.00 - 5.00
7-00143	70245	Tm-171	-11.1 U	15.3	5.85	72.4	1.00 - 5.00
7-00143	70245	U-233/234	0.924	0.0836	0.125	2.02	1.00 - 5.00
7-00143	70245	U-235/236	0.0953	0.0834	0.039	0.151	1.00 - 5.00
7-00143	70245	U-238	0.853	0.0836	0.119	1.8	1.00 - 5.00
7-00144	70246	Ac-227	-0.0002 U	0.184	0.0559	0.217	0.00 - 0.50
7-00144	70246	Ac-228	1.1	0.0843	0.0543	2.4	0.00 - 0.50
7-00144	70246	Am-241	-0.0036 U	0.0199	0.0036	0.0454	0.00 - 0.50
7-00144	70246	Bi-212	0.663	0.122	0.0626	2.15	0.00 - 0.50
7-00144	70246	Bi-214	0.819	0.028	0.0392	1.59	0.00 - 0.50
7-00144	70246	Cd-113m	-96.6 UJ	118	43.3	3030	0.00 - 0.50
7-00144	70246	Cm-243/244	-0.0037 U	0.02	0.0036	0.0443	0.00 - 0.50
7-00144	70246	Co-60	0.0025 U	0.0166	0.0048	0.028	0.00 - 0.50
7-00144	70246	Cs-134	0.0064 U	0.014	0.0049	0.0864	0.00 - 0.50
7-00144	70246	Cs-137	0.253	0.0147	0.0155	0.207	0.00 - 0.50
7-00144	70246	Eu-152	0.0124 U	0.043	0.0209	0.0566	0.00 - 0.50
7-00144	70246	Eu-154	-0.0252 U	0.0906	0.0284	0.15	0.00 - 0.50
7-00144	70246	Eu-155	0.0288 U	0.0667	0.0208	0.231	0.00 - 0.50
7-00144	70246	Ho-166m	-0.0056 U	0.0235	0.0072	0.0432	0.00 - 0.50
7-00144	70246	K-40	21.4	0.106	1.24	32.4	0.00 - 0.50
7-00144	70246	Na-22	0.0012 U	0.0188	0.0055	0.037	0.00 - 0.50
7-00144	70246	Nb-94	-0.0021 U	0.0135	0.0041	0.0214	0.00 - 0.50
7-00144	70246	Np-236	-0.0087 U	0.0351	0.0107	0.047	0.00 - 0.50
7-00144	70246	Np-239	-0.0234 U	0.12	0.037	0.139	0.00 - 0.50
7-00144	70246	Pa-231	0.202 UJ	0.759	0.234	0.936	0.00 - 0.50
7-00144	70246	Pb-212	1.18	0.031	0.0721	2.69	0.00 - 0.50
7-00144	70246	Pb-214	0.92	0.0307	0.046	1.7	0.00 - 0.50
7-00144	70246	Pu-236	0.0054	0.0073	0.0038	7.79	0.00 - 0.50
7-00144	70246	Pu-238	-0.008 U	0.0324	0.0062	0.0415	0.00 - 0.50
7-00144	70246	Pu-239/240	0.0086	0.0166	0.0056	0.0404	0.00 - 0.50
7-00144	70246	Pu-244	0.0242 J	0.0166	0.0086	0.0313	0.00 - 0.50
7-00144	70246	Sb-125	0.0119 U	0.0417	0.0123	0.354	0.00 - 0.50
7-00144	70246	Sn-126	0.0038 U	0.0153	0.0046	0.0237	0.00 - 0.50
7-00144	70246	Sr-90	0.321	0.276	0.097	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00144	70246	Th-228	1.28	0.121	0.128	3.98	0.00 - 0.50
7-00144	70246	Th-229	0.0143 U	0.0862	0.0227	0.145	0.00 - 0.50
7-00144	70246	Th-230	0.73	0.0771	0.0859	2.2	0.00 - 0.50
7-00144	70246	Th-232	1.16	0.0525	0.114	3.1	0.00 - 0.50
7-00144	70246	Th-234	1.28 J	0.277	0.142	3.19	0.00 - 0.50
7-00144	70246	Tl-208	0.382	0.0153	0.0223	0.937	0.00 - 0.50
7-00144	70246	Tm-171	-4.43 U	12.9	4.75	72.4	0.00 - 0.50
7-00144	70246	U-233/234	0.861	0.0491	0.0978	2.02	0.00 - 0.50
7-00144	70246	U-235/236	0.0461	0.0208	0.0191	0.151	0.00 - 0.50
7-00144	70246	U-238	0.723	0.0396	0.0863	1.8	0.00 - 0.50
7-00144	70247	Ac-227	-0.0021 U	0.197	0.0585	0.217	1.00 - 5.00
7-00144	70247	Ac-228	1.04	0.1	0.0526	2.4	1.00 - 5.00
7-00144	70247	Am-241	0	0.0058	0.0022	0.0454	1.00 - 5.00
7-00144	70247	Bi-212	0.756	0.123	0.0736	2.15	1.00 - 5.00
7-00144	70247	Bi-214	0.849	0.0292	0.0414	1.59	1.00 - 5.00
7-00144	70247	Cd-113m	-61.6 U	126	40.8	3030	1.00 - 5.00
7-00144	70247	Cm-243/244	0.0086	0.0058	0.0043	0.0443	1.00 - 5.00
7-00144	70247	Co-60	-0.0028 U	0.017	0.0051	0.028	1.00 - 5.00
7-00144	70247	Cs-134	0.0029 U	0.0142	0.0048	0.0864	1.00 - 5.00
7-00144	70247	Cs-137	-0.004 U	0.0174	0.0053	0.207	1.00 - 5.00
7-00144	70247	Eu-152	-0.0339 U	0.0471	0.0172	0.0566	1.00 - 5.00
7-00144	70247	Eu-154	-0.0584 U	0.0977	0.0326	0.15	1.00 - 5.00
7-00144	70247	Eu-155	0.024 U	0.0716	0.0226	0.231	1.00 - 5.00
7-00144	70247	Ho-166m	-0.0025 U	0.0259	0.0078	0.0432	1.00 - 5.00
7-00144	70247	K-40	20.4	0.127	1.26	32.4	1.00 - 5.00
7-00144	70247	Na-22	0.0041 U	0.0211	0.0072	0.037	1.00 - 5.00
7-00144	70247	Nb-94	0.006 U	0.0156	0.0048	0.0214	1.00 - 5.00
7-00144	70247	Np-236	-0.0136 U	0.038	0.0123	0.047	1.00 - 5.00
7-00144	70247	Np-239	0.0193 U	0.131	0.0388	0.139	1.00 - 5.00
7-00144	70247	Pa-231	-0.444 U	0.8	0.266	0.936	1.00 - 5.00
7-00144	70247	Pb-212	1.25	0.0329	0.0808	2.69	1.00 - 5.00
7-00144	70247	Pb-214	0.927	0.035	0.0469	1.7	1.00 - 5.00
7-00144	70247	Pu-236	-0.0043 U	0.0181	0.0032	7.79	1.00 - 5.00
7-00144	70247	Pu-238	-0.0009 U	0.0155	0.0028	0.0415	1.00 - 5.00
7-00144	70247	Pu-239/240	-0.0017 U	0.0197	0.004	0.0404	1.00 - 5.00
7-00144	70247	Pu-244	0.0006 U	0.0125	0.0024	0.0313	1.00 - 5.00
7-00144	70247	Sb-125	0.0249 JS	0.0443	0.0144	0.354	1.00 - 5.00
7-00144	70247	Sn-126	-0.0015 U	0.0168	0.005	0.0237	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00144	70247	Sr-90	0.0205 U	0.229	0.0644	0.485	1.00 - 5.00
7-00144	70247	Th-228	1.18	0.0563	0.104	3.98	1.00 - 5.00
7-00144	70247	Th-229	0.0154 U	0.0477	0.0136	0.145	1.00 - 5.00
7-00144	70247	Th-230	1.14	0.0377	0.1	2.2	1.00 - 5.00
7-00144	70247	Th-232	1.15	0.0376	0.101	3.1	1.00 - 5.00
7-00144	70247	Th-234	1.54 J	0.303	0.189	3.19	1.00 - 5.00
7-00144	70247	Tl-208	0.359	0.0157	0.0209	0.937	1.00 - 5.00
7-00144	70247	Tm-171	-5.29 U	15.6	5.46	72.4	1.00 - 5.00
7-00144	70247	U-233/234	0.902	0.0315	0.0937	2.02	1.00 - 5.00
7-00144	70247	U-235/236	0.0706	0.0482	0.0234	0.151	1.00 - 5.00
7-00144	70247	U-238	0.895	0.0315	0.0932	1.8	1.00 - 5.00
7-00145	70248	Ac-227	-0.054 U	0.181	0.0578	0.217	0.00 - 0.50
7-00145	70248	Ac-228	1.13	0.115	0.0555	2.4	0.00 - 0.50
7-00145	70248	Am-241	-0.0163 U	0.0441	0.009	0.0454	0.00 - 0.50
7-00145	70248	Bi-212	0.824 J	0.152	0.0849	2.15	0.00 - 0.50
7-00145	70248	Bi-214	0.886	0.0342	0.0451	1.59	0.00 - 0.50
7-00145	70248	Cd-113m	51.3 U	124	39.3	3030	0.00 - 0.50
7-00145	70248	Cm-243/244	0.003 U	0.0271	0.0067	0.0443	0.00 - 0.50
7-00145	70248	Co-60	-0.0016 U	0.0215	0.0062	0.028	0.00 - 0.50
7-00145	70248	Cs-134	0.0029 U	0.0173	0.0059	0.0864	0.00 - 0.50
7-00145	70248	Cs-137	0.151	0.0182	0.0125	0.207	0.00 - 0.50
7-00145	70248	Eu-152	-0.0245 U	0.0467	0.0155	0.0566	0.00 - 0.50
7-00145	70248	Eu-154	-0.0094 U	0.119	0.0354	0.15	0.00 - 0.50
7-00145	70248	Eu-155	0.0534 JS	0.0531	0.0213	0.231	0.00 - 0.50
7-00145	70248	Ho-166m	-0.0242 UJ	0.0285	0.0104	0.0432	0.00 - 0.50
7-00145	70248	K-40	20.7	0.155	1.14	32.4	0.00 - 0.50
7-00145	70248	Na-22	-0.016 U	0.025	0.0084	0.037	0.00 - 0.50
7-00145	70248	Nb-94	0.0068 U	0.0178	0.0052	0.0214	0.00 - 0.50
7-00145	70248	Np-236	-0.0127 U	0.0292	0.0092	0.047	0.00 - 0.50
7-00145	70248	Np-239	0.0033 U	0.119	0.0365	0.139	0.00 - 0.50
7-00145	70248	Pa-231	0.0176 UJ	0.768	0.237	0.936	0.00 - 0.50
7-00145	70248	Pb-212	1.26	0.0304	0.0709	2.69	0.00 - 0.50
7-00145	70248	Pb-214	0.965	0.0333	0.0448	1.7	0.00 - 0.50
7-00145	70248	Pu-236	-0.0013 U	0.0233	0.0042	7.79	0.00 - 0.50
7-00145	70248	Pu-238	-0.0095 U	0.0333	0.0058	0.0415	0.00 - 0.50
7-00145	70248	Pu-239/240	0.0008 U	0.0182	0.0035	0.0404	0.00 - 0.50
7-00145	70248	Pu-244	0.0037 U	0.0182	0.0045	0.0313	0.00 - 0.50
7-00145	70248	Sb-125	-0.001 U	0.0464	0.0137	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00145	70248	Sn-126	0.0068 U	0.0205	0.006	0.0237	0.00 - 0.50
7-00145	70248	Sr-90	0.0721 U	0.258	0.0756	0.485	0.00 - 0.50
7-00145	70248	Th-228	1.45	0.0569	0.137	3.98	0.00 - 0.50
7-00145	70248	Th-229	0 U	0.0872	0.0205	0.145	0.00 - 0.50
7-00145	70248	Th-230	0.978	0.0533	0.103	2.2	0.00 - 0.50
7-00145	70248	Th-232	1.24	0.0532	0.12	3.1	0.00 - 0.50
7-00145	70248	Th-234	1.3	0.216	0.114	3.19	0.00 - 0.50
7-00145	70248	Tl-208	0.38	0.0197	0.0235	0.937	0.00 - 0.50
7-00145	70248	Tm-171	-0.302 U	6.77	2.17	72.4	0.00 - 0.50
7-00145	70248	U-233/234	0.925	0.0347	0.0984	2.02	0.00 - 0.50
7-00145	70248	U-235/236	0.0393	0.061	0.021	0.151	0.00 - 0.50
7-00145	70248	U-238	0.906	0.0347	0.0969	1.8	0.00 - 0.50
7-00145	70249	Ac-227	-0.0044 U	0.185	0.0566	0.217	1.00 - 5.00
7-00145	70249	Ac-228	1.26	0.092	0.0608	2.4	1.00 - 5.00
7-00145	70249	Am-241	0.0088	0.006	0.0045	0.0454	1.00 - 5.00
7-00145	70249	Bi-212	0.752	0.131	0.0665	2.15	1.00 - 5.00
7-00145	70249	Bi-214	0.955	0.0299	0.0458	1.59	1.00 - 5.00
7-00145	70249	Cd-113m	50.9 U	121	38.5	3030	1.00 - 5.00
7-00145	70249	Cm-243/244	0.0139	0.0141	0.0061	0.0443	1.00 - 5.00
7-00145	70249	Co-60	0.0016 U	0.018	0.0053	0.028	1.00 - 5.00
7-00145	70249	Cs-134	0.0045 U	0.0142	0.0048	0.0864	1.00 - 5.00
7-00145	70249	Cs-137	-0.0043 U	0.0159	0.0057	0.207	1.00 - 5.00
7-00145	70249	Eu-152	-0.0288 U	0.0435	0.0146	0.0566	1.00 - 5.00
7-00145	70249	Eu-154	-0.0624 U	0.0957	0.0329	0.15	1.00 - 5.00
7-00145	70249	Eu-155	0.0481 JS	0.0638	0.0259	0.231	1.00 - 5.00
7-00145	70249	Ho-166m	-0.0024 U	0.0257	0.0078	0.0432	1.00 - 5.00
7-00145	70249	K-40	24.6	0.134	1.4	32.4	1.00 - 5.00
7-00145	70249	Na-22	-0.0071 U	0.0212	0.0067	0.037	1.00 - 5.00
7-00145	70249	Nb-94	0.0031 U	0.0152	0.0046	0.0214	1.00 - 5.00
7-00145	70249	Np-236	-0.0025 U	0.0355	0.0104	0.047	1.00 - 5.00
7-00145	70249	Np-239	-0.0827 U	0.122	0.0428	0.139	1.00 - 5.00
7-00145	70249	Pa-231	-0.163 U	0.771	0.243	0.936	1.00 - 5.00
7-00145	70249	Pb-212	1.35	0.0307	0.0811	2.69	1.00 - 5.00
7-00145	70249	Pb-214	1.05	0.0316	0.0507	1.7	1.00 - 5.00
7-00145	70249	Pu-236	0.0023	0.0061	0.0023	7.79	1.00 - 5.00
7-00145	70249	Pu-238	0.0003 U	0.0223	0.005	0.0415	1.00 - 5.00
7-00145	70249	Pu-239/240	0.0028 U	0.0141	0.0035	0.0404	1.00 - 5.00
7-00145	70249	Pu-244	0.0067	0.006	0.0039	0.0313	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00145	70249	Sb-125	-0.0146 U	0.0426	0.0131	0.354	1.00 - 5.00
7-00145	70249	Sn-126	-0.005 U	0.0164	0.0052	0.0237	1.00 - 5.00
7-00145	70249	Sr-90	0.0541 U	0.249	0.0721	0.485	1.00 - 5.00
7-00145	70249	Th-228	1.33	0.1	0.119	3.98	1.00 - 5.00
7-00145	70249	Th-229	0.0282	0.0153	0.0127	0.145	1.00 - 5.00
7-00145	70249	Th-230	1.01	0.0153	0.0952	2.2	1.00 - 5.00
7-00145	70249	Th-232	1.3	0.0152	0.114	3.1	1.00 - 5.00
7-00145	70249	Th-234	1.64	0.275	0.164	3.19	1.00 - 5.00
7-00145	70249	Tl-208	0.41	0.0159	0.0237	0.937	1.00 - 5.00
7-00145	70249	Tm-171	-2.19 U	12.5	4.36	72.4	1.00 - 5.00
7-00145	70249	U-233/234	0.982	0.0395	0.101	2.02	1.00 - 5.00
7-00145	70249	U-235/236	0.0805	0.0168	0.0231	0.151	1.00 - 5.00
7-00145	70249	U-238	1.07	0.0395	0.107	1.8	1.00 - 5.00
7-00146	70250	Ac-227	0.0063 U	0.188	0.0553	0.217	0.00 - 0.50
7-00146	70250	Ac-228	1.07	0.096	0.0529	2.4	0.00 - 0.50
7-00146	70250	Am-241	0.0059 U	0.0178	0.0051	0.0454	0.00 - 0.50
7-00146	70250	Bi-212	0.672 J	0.129	0.0747	2.15	0.00 - 0.50
7-00146	70250	Bi-214	0.797	0.029	0.0387	1.59	0.00 - 0.50
7-00146	70250	Cd-113m	43.1 U	126	39.2	3030	0.00 - 0.50
7-00146	70250	Cm-243/244	0.003 U	0.0236	0.0063	0.0443	0.00 - 0.50
7-00146	70250	Co-60	-0.0002 U	0.0171	0.005	0.028	0.00 - 0.50
7-00146	70250	Cs-134	0.0044 U	0.0145	0.0049	0.0864	0.00 - 0.50
7-00146	70250	Cs-137	1.12 J	0.0173	0.0608	0.207	0.00 - 0.50
7-00146	70250	Eu-152	-0.0122 U	0.0477	0.0152	0.0566	0.00 - 0.50
7-00146	70250	Eu-154	-0.0668 UJ	0.0912	0.032	0.15	0.00 - 0.50
7-00146	70250	Eu-155	0.0252 U	0.0647	0.0202	0.231	0.00 - 0.50
7-00146	70250	Ho-166m	0.0049 U	0.0256	0.0076	0.0432	0.00 - 0.50
7-00146	70250	K-40	20.6	0.119	1.26	32.4	0.00 - 0.50
7-00146	70250	Na-22	0.0049 U	0.0219	0.0065	0.037	0.00 - 0.50
7-00146	70250	Nb-94	0.0125 JS	0.0148	0.0051	0.0214	0.00 - 0.50
7-00146	70250	Np-236	-0.0082 U	0.0338	0.0104	0.047	0.00 - 0.50
7-00146	70250	Np-239	-0.0097 U	0.12	0.0353	0.139	0.00 - 0.50
7-00146	70250	Pa-231	0.295 U	0.775	0.237	0.936	0.00 - 0.50
7-00146	70250	Pb-212	1.17	0.032	0.0707	2.69	0.00 - 0.50
7-00146	70250	Pb-214	0.868	0.0341	0.0436	1.7	0.00 - 0.50
7-00146	70250	Pu-236	-0.0094 U	0.033	0.0057	7.79	0.00 - 0.50
7-00146	70250	Pu-238	-0.0004 U	0.0247	0.0051	0.0415	0.00 - 0.50
7-00146	70250	Pu-239/240	-0.0004 U	0.0246	0.0051	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00146	70250	Pu-244	0	0.0074	0.0027	0.0313	0.00 - 0.50
7-00146	70250	Sb-125	-0.0227 U	0.0472	0.0156	0.354	0.00 - 0.50
7-00146	70250	Sn-126	0.0112 J	0.0166	0.0054	0.0237	0.00 - 0.50
7-00146	70250	Sr-90	0.43	0.362	0.128	0.485	0.00 - 0.50
7-00146	70250	Th-228	1.14	0.111	0.118	3.98	0.00 - 0.50
7-00146	70250	Th-229	-0.021 U	0.105	0.0232	0.145	0.00 - 0.50
7-00146	70250	Th-230	0.677	0.0514	0.0803	2.2	0.00 - 0.50
7-00146	70250	Th-232	1.15	0.0512	0.113	3.1	0.00 - 0.50
7-00146	70250	Th-234	1.22 J	0.269	0.145	3.19	0.00 - 0.50
7-00146	70250	Tl-208	0.366	0.0168	0.0222	0.937	0.00 - 0.50
7-00146	70250	Tm-171	0.0094 U	13.8	4.51	72.4	0.00 - 0.50
7-00146	70250	U-233/234	0.652	0.0359	0.0776	2.02	0.00 - 0.50
7-00146	70250	U-235/236	0.0298	0.0443	0.0165	0.151	0.00 - 0.50
7-00146	70250	U-238	0.686	0.0152	0.0802	1.8	0.00 - 0.50
7-00146	70251	Ac-227	-0.0157 U	0.189	0.0558	0.217	1.00 - 5.00
7-00146	70251	Ac-228	1.21	0.107	0.0591	2.4	1.00 - 5.00
7-00146	70251	Am-241	0.0043	0.012	0.0036	0.0454	1.00 - 5.00
7-00146	70251	Bi-212	0.827 J	0.213	0.208	2.15	1.00 - 5.00
7-00146	70251	Bi-214	1.02	0.03	0.0489	1.59	1.00 - 5.00
7-00146	70251	Cd-113m	14 U	124	37.7	3030	1.00 - 5.00
7-00146	70251	Cm-243/244	0.0038	0.0052	0.0027	0.0443	1.00 - 5.00
7-00146	70251	Co-60	0.0087 U	0.0202	0.0061	0.028	1.00 - 5.00
7-00146	70251	Cs-134	0.0029 U	0.0152	0.0051	0.0864	1.00 - 5.00
7-00146	70251	Cs-137	-0.0171 UJ	0.0171	0.0067	0.207	1.00 - 5.00
7-00146	70251	Eu-152	-0.0484 UJ	0.045	0.0186	0.0566	1.00 - 5.00
7-00146	70251	Eu-154	-0.0507 U	0.0997	0.0322	0.15	1.00 - 5.00
7-00146	70251	Eu-155	0.074 JS	0.0651	0.0254	0.231	1.00 - 5.00
7-00146	70251	Ho-166m	-0.0043 U	0.0279	0.0084	0.0432	1.00 - 5.00
7-00146	70251	K-40	21.1	0.139	1.29	32.4	1.00 - 5.00
7-00146	70251	Na-22	-0.0098 U	0.0226	0.0073	0.037	1.00 - 5.00
7-00146	70251	Nb-94	0.0082 JS	0.0161	0.005	0.0214	1.00 - 5.00
7-00146	70251	Np-236	0.0013 U	0.0355	0.0107	0.047	1.00 - 5.00
7-00146	70251	Np-239	-0.0443 U	0.122	0.0376	0.139	1.00 - 5.00
7-00146	70251	Pa-231	-0.0367 U	0.782	0.231	0.936	1.00 - 5.00
7-00146	70251	Pb-212	1.36	0.0324	0.0816	2.69	1.00 - 5.00
7-00146	70251	Pb-214	1.13	0.0337	0.0544	1.7	1.00 - 5.00
7-00146	70251	Pu-236	0.0053 U	0.0258	0.0067	7.79	1.00 - 5.00
7-00146	70251	Pu-238	-0.0032 U	0.0249	0.0044	0.0415	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00146	70251	Pu-239/240	0.011	0.0074	0.0055	0.0404	1.00 - 5.00
7-00146	70251	Pu-244	0.0028	0.0074	0.0028	0.0313	1.00 - 5.00
7-00146	70251	Sb-125	-0.0071 U	0.0449	0.0138	0.354	1.00 - 5.00
7-00146	70251	Sn-126	-0.0058 U	0.0167	0.0052	0.0237	1.00 - 5.00
7-00146	70251	Sr-90	-0.0042 U	0.138	0.036	0.485	1.00 - 5.00
7-00146	70251	Th-228	1.27	0.0879	0.129	3.98	1.00 - 5.00
7-00146	70251	Th-229	0.0465	0.021	0.0192	0.145	1.00 - 5.00
7-00146	70251	Th-230	1.03	0.0569	0.109	2.2	1.00 - 5.00
7-00146	70251	Th-232	1.21	0.0567	0.121	3.1	1.00 - 5.00
7-00146	70251	Th-234	1.49 J	0.288	0.165	3.19	1.00 - 5.00
7-00146	70251	Tl-208	0.439	0.0176	0.0253	0.937	1.00 - 5.00
7-00146	70251	Tm-171	-4.14 U	14.5	4.87	72.4	1.00 - 5.00
7-00146	70251	U-233/234	1.16	0.0388	0.12	2.02	1.00 - 5.00
7-00146	70251	U-235/236	0.0774	0.048	0.0262	0.151	1.00 - 5.00
7-00146	70251	U-238	0.859	0.0165	0.0965	1.8	1.00 - 5.00
7-00147	70252	Ac-227	-0.0449 U	0.196	0.0601	0.217	1.00 - 2.33
7-00147	70252	Ac-228	1.2	0.0866	0.0608	2.4	1.00 - 2.33
7-00147	70252	Am-241	-0.0016 U	0.0159	0.0031	0.0454	1.00 - 2.33
7-00147	70252	Bi-212	0.827	0.122	0.0764	2.15	1.00 - 2.33
7-00147	70252	Bi-214	0.979	0.0278	0.0453	1.59	1.00 - 2.33
7-00147	70252	Cd-113m	-117 UJ	131	52.5	3030	1.00 - 2.33
7-00147	70252	Cm-243/244	-0.0022 U	0.0223	0.0039	0.0443	1.00 - 2.33
7-00147	70252	Co-60	0.0004 U	0.0164	0.0047	0.028	1.00 - 2.33
7-00147	70252	Cs-134	0.008 JS	0.014	0.005	0.0864	1.00 - 2.33
7-00147	70252	Cs-137	-0.0076 U	0.0156	0.005	0.207	1.00 - 2.33
7-00147	70252	Eu-152	0.055 JS	0.0466	0.0262	0.0566	1.00 - 2.33
7-00147	70252	Eu-154	-0.0029 U	0.0893	0.0267	0.15	1.00 - 2.33
7-00147	70252	Eu-155	0.0054 U	0.073	0.0226	0.231	1.00 - 2.33
7-00147	70252	Ho-166m	0.0004 U	0.0242	0.0071	0.0432	1.00 - 2.33
7-00147	70252	K-40	20	0.115	1.31	32.4	1.00 - 2.33
7-00147	70252	Na-22	-0.0143 UJ	0.0195	0.0068	0.037	1.00 - 2.33
7-00147	70252	Nb-94	0.0031 U	0.0141	0.0042	0.0214	1.00 - 2.33
7-00147	70252	Np-236	-0.011 U	0.039	0.0118	0.047	1.00 - 2.33
7-00147	70252	Np-239	0.0062 U	0.133	0.0396	0.139	1.00 - 2.33
7-00147	70252	Pa-231	0.0683 U	0.814	0.281	0.936	1.00 - 2.33
7-00147	70252	Pb-212	1.33	0.0333	0.0889	2.69	1.00 - 2.33
7-00147	70252	Pb-214	1.11	0.0331	0.0561	1.7	1.00 - 2.33
7-00147	70252	Pu-238	0.0003 U	0.0232	0.0052	0.0415	1.00 - 2.33

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00147	70252	Pu-239/240	-0.0093 U	0.0286	0.005	0.0404	1.00 - 2.33
7-00147	70252	Pu-244	0.0006 U	0.0147	0.0029	0.0313	1.00 - 2.33
7-00147	70252	Sb-125	0.0108 U	0.0438	0.0134	0.354	1.00 - 2.33
7-00147	70252	Sn-126	0.0072 U	0.0163	0.005	0.0237	1.00 - 2.33
7-00147	70252	Sr-90	0.186	0.234	0.0778	0.485	1.00 - 2.33
7-00147	70252	Th-228	1.49	0.0793	0.137	3.98	1.00 - 2.33
7-00147	70252	Th-229	0.0562	0.0653	0.0246	0.145	1.00 - 2.33
7-00147	70252	Th-230	1.1	0.0516	0.109	2.2	1.00 - 2.33
7-00147	70252	Th-232	1.2	0.0649	0.116	3.1	1.00 - 2.33
7-00147	70252	Th-234	1.35 J	0.38	0.354	3.19	1.00 - 2.33
7-00147	70252	Tl-208	0.393	0.0151	0.0226	0.937	1.00 - 2.33
7-00147	70252	Tm-171	-11.7 UJ	15.4	5.55	72.4	1.00 - 2.33
7-00147	70252	U-233/234	1.04	0.0316	0.0982	2.02	1.00 - 2.33
7-00147	70252	U-235/236	0.0261	0.0315	0.0128	0.151	1.00 - 2.33
7-00147	70252	U-238	0.929	0.0402	0.0904	1.8	1.00 - 2.33
7-00151	70256	Ac-227	-0.0243 U	0.236	0.0699	0.217	0.00 - 0.50
7-00151	70256	Ac-228	1.16	0.13	0.0613	2.4	0.00 - 0.50
7-00151	70256	Am-241	0.0223	0.0269	0.0103	0.0454	0.00 - 0.50
7-00151	70256	Bi-212	0.891 J	0.268	0.228	2.15	0.00 - 0.50
7-00151	70256	Bi-214	0.938	0.042	0.0498	1.59	0.00 - 0.50
7-00151	70256	Cd-113m	-3.98 U	153	46.7	3030	0.00 - 0.50
7-00151	70256	Cm-243/244	0.0078	0.0218	0.0064	0.0443	0.00 - 0.50
7-00151	70256	Co-60	0.001 UJ	0.0247	0.0071	0.028	0.00 - 0.50
7-00151	70256	Cs-134	-0.0029 U	0.0208	0.007	0.0864	0.00 - 0.50
7-00151	70256	Cs-137	0.498	0.0236	0.0316	0.207	0.00 - 0.50
7-00151	70256	Eu-152	-0.034 U	0.0587	0.0222	0.0566	0.00 - 0.50
7-00151	70256	Eu-154	-0.0746 U	0.135	0.0457	0.15	0.00 - 0.50
7-00151	70256	Eu-155	0.0779 JS	0.0749	0.0315	0.231	0.00 - 0.50
7-00151	70256	Ho-166m	0.005 U	0.0356	0.0104	0.0432	0.00 - 0.50
7-00151	70256	K-40	18.9	0.171	1.09	32.4	0.00 - 0.50
7-00151	70256	Na-22	-0.0014 U	0.0286	0.0083	0.037	0.00 - 0.50
7-00151	70256	Nb-94	0.0028 U	0.0206	0.006	0.0214	0.00 - 0.50
7-00151	70256	Np-236	0.0056 U	0.0422	0.0129	0.047	0.00 - 0.50
7-00151	70256	Np-239	-0.0022 U	0.153	0.0448	0.139	0.00 - 0.50
7-00151	70256	Pa-231	0.0511 U	0.989	0.315	0.936	0.00 - 0.50
7-00151	70256	Pb-212	1.23	0.0392	0.0735	2.69	0.00 - 0.50
7-00151	70256	Pb-214	0.991	0.0434	0.05	1.7	0.00 - 0.50
7-00151	70256	Pu-236	-0.0014 U	0.0246	0.0054	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00151	70256	Pu-238	-0.0041 U	0.0219	0.0038	0.0415	0.00 - 0.50
7-00151	70256	Pu-239/240	0.0121	0.0172	0.0062	0.0404	0.00 - 0.50
7-00151	70256	Pu-244	0.0022	0.0059	0.0022	0.0313	0.00 - 0.50
7-00151	70256	Sb-125	-0.0081 U	0.0603	0.0184	0.354	0.00 - 0.50
7-00151	70256	Sn-126	0.0055 U	0.023	0.0067	0.0237	0.00 - 0.50
7-00151	70256	Sr-90	0.608	0.239	0.111	0.485	0.00 - 0.50
7-00151	70256	Th-228	1.19	0.101	0.121	3.98	0.00 - 0.50
7-00151	70256	Th-229	0.0665	0.0544	0.0248	0.145	0.00 - 0.50
7-00151	70256	Th-230	0.848	0.0794	0.0951	2.2	0.00 - 0.50
7-00151	70256	Th-232	1.14	0.0541	0.114	3.1	0.00 - 0.50
7-00151	70256	Th-234	1.73	0.328	0.173	3.19	0.00 - 0.50
7-00151	70256	Tl-208	0.404	0.022	0.0267	0.937	0.00 - 0.50
7-00151	70256	Tm-171	0.647 U	13.9	4.66	72.4	0.00 - 0.50
7-00151	70256	U-233/234	4.07	0.0158	0.339	2.02	0.00 - 0.50
7-00151	70256	U-235/236	0.218	0.0455	0.0436	0.151	0.00 - 0.50
7-00151	70256	U-238	1.65	0.0456	0.157	1.8	0.00 - 0.50
7-00152	70258	Ac-227	0.0167 U	0.203	0.0603	0.217	0.00 - 0.50
7-00152	70258	Ac-228	1.07	0.103	0.0545	2.4	0.00 - 0.50
7-00152	70258	Am-241	0.009 U	0.0276	0.008	0.0454	0.00 - 0.50
7-00152	70258	Bi-212	0.832	0.137	0.0808	2.15	0.00 - 0.50
7-00152	70258	Bi-214	0.88	0.0308	0.0431	1.59	0.00 - 0.50
7-00152	70258	Cd-113m	-40.9 U	134	42.8	3030	0.00 - 0.50
7-00152	70258	Cm-243/244	0.002 U	0.0263	0.0066	0.0443	0.00 - 0.50
7-00152	70258	Co-60	0.0066 U	0.0197	0.0058	0.028	0.00 - 0.50
7-00152	70258	Cs-134	0.0268 SK	0.015	0.0064	0.0864	0.00 - 0.50
7-00152	70258	Cs-137	0.0776	0.018	0.0076	0.207	0.00 - 0.50
7-00152	70258	Eu-152	-0.0167 UJ	0.0499	0.0158	0.0566	0.00 - 0.50
7-00152	70258	Eu-154	0.042 U	0.105	0.0353	0.15	0.00 - 0.50
7-00152	70258	Eu-155	0.0766 JS	0.0705	0.0265	0.231	0.00 - 0.50
7-00152	70258	Ho-166m	-0.0022 U	0.0291	0.0087	0.0432	0.00 - 0.50
7-00152	70258	K-40	20.1	0.135	1.24	32.4	0.00 - 0.50
7-00152	70258	Na-22	0.0071 U	0.0239	0.0071	0.037	0.00 - 0.50
7-00152	70258	Nb-94	0.0046 U	0.0162	0.0049	0.0214	0.00 - 0.50
7-00152	70258	Np-236	-0.0017 U	0.0389	0.0126	0.047	0.00 - 0.50
7-00152	70258	Np-239	0.0295 U	0.136	0.0405	0.139	0.00 - 0.50
7-00152	70258	Pa-231	-0.0523 U	0.849	0.254	0.936	0.00 - 0.50
7-00152	70258	Pb-212	1.22	0.0348	0.0794	2.69	0.00 - 0.50
7-00152	70258	Pb-214	0.974	0.0353	0.0487	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00152	70258	Pu-236	0.008	0.0188	0.0057	7.79	0.00 - 0.50
7-00152	70258	Pu-238	0.0066	0.0129	0.0043	0.0415	0.00 - 0.50
7-00152	70258	Pu-239/240	0.0026 U	0.0129	0.0032	0.0404	0.00 - 0.50
7-00152	70258	Pu-244	0.004	0.0055	0.0029	0.0313	0.00 - 0.50
7-00152	70258	Sb-125	0.0026 U	0.0471	0.0143	0.354	0.00 - 0.50
7-00152	70258	Sn-126	-0.0066 U	0.0173	0.0055	0.0237	0.00 - 0.50
7-00152	70258	Sr-90	-0.11 U	0.324	0.0831	0.485	0.00 - 0.50
7-00152	70258	Th-228	1.07	0.0807	0.107	3.98	0.00 - 0.50
7-00152	70258	Th-229	0.0257	0.0473	0.0158	0.145	0.00 - 0.50
7-00152	70258	Th-230	0.916	0.0471	0.0939	2.2	0.00 - 0.50
7-00152	70258	Th-232	1.08	0.0173	0.104	3.1	0.00 - 0.50
7-00152	70258	Th-234	1.2 J	0.321	0.157	3.19	0.00 - 0.50
7-00152	70258	Tl-208	0.371	0.018	0.0223	0.937	0.00 - 0.50
7-00152	70258	Tm-171	-2.42 U	16.9	5.73	72.4	0.00 - 0.50
7-00152	70258	U-233/234	0.955	0.0416	0.107	2.02	0.00 - 0.50
7-00152	70258	U-235/236	0.121	0.0219	0.0326	0.151	0.00 - 0.50
7-00152	70258	U-238	1.02	0.0515	0.113	1.8	0.00 - 0.50
7-00153	70259	Ac-227	-0.109 U	0.168	0.059	0.217	0.00 - 0.25
7-00153	70259	Ac-228	0.991	0.11	0.0504	2.4	0.00 - 0.25
7-00153	70259	Am-241	0.0059 U	0.0297	0.0076	0.0454	0.00 - 0.25
7-00153	70259	Bi-212	0.756 J	0.136	0.0799	2.15	0.00 - 0.25
7-00153	70259	Bi-214	0.785	0.0334	0.0412	1.59	0.00 - 0.25
7-00153	70259	Cd-113m	8.98 U	113	34.7	3030	0.00 - 0.25
7-00153	70259	Cm-243/244	0.0038	0.0103	0.0038	0.0443	0.00 - 0.25
7-00153	70259	Co-60	-0.0028 U	0.0191	0.0056	0.028	0.00 - 0.25
7-00153	70259	Cs-134	0.0156 JS	0.0171	0.0066	0.0864	0.00 - 0.25
7-00153	70259	Cs-137	0.0393	0.0174	0.0076	0.207	0.00 - 0.25
7-00153	70259	Eu-152	-0.0098 UJ	0.0432	0.0133	0.0566	0.00 - 0.25
7-00153	70259	Eu-154	-0.0013 U	0.111	0.0327	0.15	0.00 - 0.25
7-00153	70259	Eu-155	0.0774 JS	0.0483	0.022	0.231	0.00 - 0.25
7-00153	70259	Ho-166m	0.0071 U	0.0293	0.0085	0.0432	0.00 - 0.25
7-00153	70259	K-40	18.8	0.138	1.05	32.4	0.00 - 0.25
7-00153	70259	Na-22	-0.0034 U	0.0222	0.0065	0.037	0.00 - 0.25
7-00153	70259	Nb-94	0.0024 U	0.0161	0.0046	0.0214	0.00 - 0.25
7-00153	70259	Np-236	-0.0168 U	0.0269	0.009	0.047	0.00 - 0.25
7-00153	70259	Np-239	-0.0019 U	0.11	0.0336	0.139	0.00 - 0.25
7-00153	70259	Pa-231	0.289 U	0.722	0.23	0.936	0.00 - 0.25
7-00153	70259	Pb-212	1.08	0.0285	0.0624	2.69	0.00 - 0.25

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00153	70259	Pb-214	0.869	0.0316	0.0428	1.7	0.00 - 0.25
7-00153	70259	Pu-236	0.0035	0.0095	0.0035	7.79	0.00 - 0.25
7-00153	70259	Pu-238	0.0102	0.0092	0.0059	0.0415	0.00 - 0.25
7-00153	70259	Pu-239/240	0.0062 U	0.0307	0.008	0.0404	0.00 - 0.25
7-00153	70259	Pu-244	0.0034	0.0092	0.0034	0.0313	0.00 - 0.25
7-00153	70259	Sb-125	0.0089 U	0.0439	0.013	0.354	0.00 - 0.25
7-00153	70259	Sn-126	-0.006 U	0.0174	0.0053	0.0237	0.00 - 0.25
7-00153	70259	Sr-90	0.125 U	0.235	0.0737	0.485	0.00 - 0.25
7-00153	70259	Th-228	1.12	0.0853	0.117	3.98	0.00 - 0.25
7-00153	70259	Th-229	0.0303	0.0557	0.0186	0.145	0.00 - 0.25
7-00153	70259	Th-230	0.906	0.0205	0.0987	2.2	0.00 - 0.25
7-00153	70259	Th-232	0.994	0.0204	0.105	3.1	0.00 - 0.25
7-00153	70259	Th-234	1.33	0.202	0.114	3.19	0.00 - 0.25
7-00153	70259	Tl-208	0.356	0.0179	0.0216	0.937	0.00 - 0.25
7-00153	70259	Tm-171	1.36 U	6.21	2	72.4	0.00 - 0.25
7-00153	70259	U-233/234	0.743	0.0528	0.0864	2.02	0.00 - 0.25
7-00153	70259	U-235/236	0.0432	0.0195	0.0179	0.151	0.00 - 0.25
7-00153	70259	U-238	0.796	0.046	0.0904	1.8	0.00 - 0.25
7-00155	70261	Ac-227	0.0864 U	0.198	0.0632	0.217	1.00 - 2.50
7-00155	70261	Ac-228	1.2	0.0908	0.0598	2.4	1.00 - 2.50
7-00155	70261	Am-241	0.0025	0.0068	0.0025	0.0454	1.00 - 2.50
7-00155	70261	Bi-212	0.862	0.118	0.0716	2.15	1.00 - 2.50
7-00155	70261	Bi-214	1.03	0.0287	0.0479	1.59	1.00 - 2.50
7-00155	70261	Cd-113m	-2.58 U	132	40.6	3030	1.00 - 2.50
7-00155	70261	Cm-243/244	0.0066 U	0.0231	0.0064	0.0443	1.00 - 2.50
7-00155	70261	Co-60	0.0008 U	0.016	0.0047	0.028	1.00 - 2.50
7-00155	70261	Cs-134	0.0087 JS	0.0149	0.0054	0.0864	1.00 - 2.50
7-00155	70261	Cs-137	0.0235 J	0.0179	0.008	0.207	1.00 - 2.50
7-00155	70261	Eu-152	0.0082 U	0.0477	0.0202	0.0566	1.00 - 2.50
7-00155	70261	Eu-154	-0.0696 UJ	0.0875	0.0314	0.15	1.00 - 2.50
7-00155	70261	Eu-155	0.0951 JS	0.0705	0.0294	0.231	1.00 - 2.50
7-00155	70261	Ho-166m	0.0063 U	0.0247	0.0074	0.0432	1.00 - 2.50
7-00155	70261	K-40	21.8	0.133	1.32	32.4	1.00 - 2.50
7-00155	70261	Na-22	0.0047 U	0.0199	0.0059	0.037	1.00 - 2.50
7-00155	70261	Nb-94	0.0056 U	0.0144	0.0045	0.0214	1.00 - 2.50
7-00155	70261	Np-236	0.0036 U	0.0387	0.0125	0.047	1.00 - 2.50
7-00155	70261	Np-239	-0.0099 U	0.135	0.0414	0.139	1.00 - 2.50
7-00155	70261	Pa-231	0.271 U	0.829	0.269	0.936	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00155	70261	Pb-212	1.38	0.0342	0.0847	2.69	1.00 - 2.50
7-00155	70261	Pb-214	1.19	0.0331	0.0563	1.7	1.00 - 2.50
7-00155	70261	Pu-238	-0.004 UJ	0.0314	0.0056	0.0415	1.00 - 2.50
7-00155	70261	Pu-239/240	0.0035	0.0094	0.0035	0.0404	1.00 - 2.50
7-00155	70261	Pu-244	-0.0025 UJ	0.0221	0.0043	0.0313	1.00 - 2.50
7-00155	70261	Sb-125	-0.001 U	0.0432	0.0127	0.354	1.00 - 2.50
7-00155	70261	Sn-126	-0.0054 U	0.0158	0.005	0.0237	1.00 - 2.50
7-00155	70261	Sr-90	0.141 U	0.242	0.0763	0.485	1.00 - 2.50
7-00155	70261	Th-228	1.41	0.0881	0.132	3.98	1.00 - 2.50
7-00155	70261	Th-229	0 U	0.065	0.014	0.145	1.00 - 2.50
7-00155	70261	Th-230	0.935	0.0189	0.0975	2.2	1.00 - 2.50
7-00155	70261	Th-232	1.2	0.0189	0.115	3.1	1.00 - 2.50
7-00155	70261	Th-234	1.45 J	0.31	0.162	3.19	1.00 - 2.50
7-00155	70261	Tl-208	0.444	0.0159	0.025	0.937	1.00 - 2.50
7-00155	70261	Tm-171	-6.57 U	14.8	5.25	72.4	1.00 - 2.50
7-00155	70261	U-233/234	0.82	0.05	0.0911	2.02	1.00 - 2.50
7-00155	70261	U-235/236	0.0957	0.0185	0.0265	0.151	1.00 - 2.50
7-00155	70261	U-238	0.818	0.015	0.0903	1.8	1.00 - 2.50
7-00156	70262	Ac-227	0.0714 U	0.182	0.0578	0.217	1.00 - 5.00
7-00156	70262	Ac-228	1.15	0.0854	0.0575	2.4	1.00 - 5.00
7-00156	70262	Am-241	0.0112	0.0102	0.0065	0.0454	1.00 - 5.00
7-00156	70262	Bi-212	0.772 J	0.111	0.0777	2.15	1.00 - 5.00
7-00156	70262	Bi-214	0.792	0.0258	0.0387	1.59	1.00 - 5.00
7-00156	70262	Cd-113m	-11.9 U	118	36.5	3030	1.00 - 5.00
7-00156	70262	Cm-243/244	0.0038	0.0102	0.0038	0.0443	1.00 - 5.00
7-00156	70262	Co-60	0.001 U	0.0154	0.0045	0.028	1.00 - 5.00
7-00156	70262	Cs-134	-0.0022 U	0.0129	0.0045	0.0864	1.00 - 5.00
7-00156	70262	Cs-137	0.055	0.0152	0.0078	0.207	1.00 - 5.00
7-00156	70262	Eu-152	-0.0167 U	0.0414	0.0184	0.0566	1.00 - 5.00
7-00156	70262	Eu-154	0.0045 U	0.0845	0.0246	0.15	1.00 - 5.00
7-00156	70262	Eu-155	0.0346 JS	0.0661	0.0225	0.231	1.00 - 5.00
7-00156	70262	Ho-166m	-0.006 U	0.0224	0.007	0.0432	1.00 - 5.00
7-00156	70262	K-40	21.1	0.121	1.29	32.4	1.00 - 5.00
7-00156	70262	Na-22	0.0002 U	0.0176	0.0052	0.037	1.00 - 5.00
7-00156	70262	Nb-94	0.0069 JS	0.0134	0.0052	0.0214	1.00 - 5.00
7-00156	70262	Np-236	-0.0078 U	0.0357	0.0113	0.047	1.00 - 5.00
7-00156	70262	Np-239	-0.0037 U	0.119	0.0364	0.139	1.00 - 5.00
7-00156	70262	Pa-231	-0.175 U	0.734	0.25	0.936	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00156	70262	Pb-212	1.32	0.0319	0.0819	2.69	1.00 - 5.00
7-00156	70262	Pb-214	0.905	0.03	0.0448	1.7	1.00 - 5.00
7-00156	70262	Pu-236	0	0.0069	0.0026	7.79	1.00 - 5.00
7-00156	70262	Pu-238	0.0032 U	0.0157	0.0039	0.0415	1.00 - 5.00
7-00156	70262	Pu-239/240	0.0056	0.0157	0.0046	0.0404	1.00 - 5.00
7-00156	70262	Pu-244	0.0049	0.0067	0.0035	0.0313	1.00 - 5.00
7-00156	70262	Sb-125	0.0231 JS	0.0405	0.0129	0.354	1.00 - 5.00
7-00156	70262	Sn-126	0.0015 U	0.0148	0.0044	0.0237	1.00 - 5.00
7-00156	70262	Sr-90	0.0532 U	0.227	0.0652	0.485	1.00 - 5.00
7-00156	70262	Th-228	1.22	0.079	0.119	3.98	1.00 - 5.00
7-00156	70262	Th-229	0.0208 U	0.0745	0.0208	0.145	1.00 - 5.00
7-00156	70262	Th-230	0.697	0.0187	0.0802	2.2	1.00 - 5.00
7-00156	70262	Th-232	1.11	0.0507	0.109	3.1	1.00 - 5.00
7-00156	70262	Th-234	1.33 J	0.335	0.343	3.19	1.00 - 5.00
7-00156	70262	Tl-208	0.381	0.0152	0.0219	0.937	1.00 - 5.00
7-00156	70262	Tm-171	-10.3 UJ	13.7	4.8	72.4	1.00 - 5.00
7-00156	70262	U-233/234	0.841	0.0503	0.0929	2.02	1.00 - 5.00
7-00156	70262	U-235/236	0.0343	0.0186	0.0156	0.151	1.00 - 5.00
7-00156	70262	U-238	0.803	0.0438	0.0897	1.8	1.00 - 5.00
7-00157	70263	Ac-227	0.0057 U	0.192	0.0564	0.217	0.00 - 0.50
7-00157	70263	Ac-228	1.02	0.0903	0.0517	2.4	0.00 - 0.50
7-00157	70263	Am-241	0.0095	0.0064	0.0048	0.0454	0.00 - 0.50
7-00157	70263	Bi-212	0.621 J	0.117	0.0711	2.15	0.00 - 0.50
7-00157	70263	Bi-214	0.706	0.0306	0.0366	1.59	0.00 - 0.50
7-00157	70263	Cd-113m	-14.3 U	126	37.3	3030	0.00 - 0.50
7-00157	70263	Cm-243/244	-0.0017 U	0.0152	0.003	0.0443	0.00 - 0.50
7-00157	70263	Co-60	-0.0021 U	0.0174	0.0052	0.028	0.00 - 0.50
7-00157	70263	Cs-134	0.0043 U	0.0157	0.0053	0.0864	0.00 - 0.50
7-00157	70263	Cs-137	2.01	0.0172	0.109	0.207	0.00 - 0.50
7-00157	70263	Eu-152	-0.006 U	0.049	0.0153	0.0566	0.00 - 0.50
7-00157	70263	Eu-154	-0.0556 U	0.0897	0.0301	0.15	0.00 - 0.50
7-00157	70263	Eu-155	0.0923 SJ	0.0618	0.0267	0.231	0.00 - 0.50
7-00157	70263	Ho-166m	-0.0032 U	0.024	0.0072	0.0432	0.00 - 0.50
7-00157	70263	K-40	20.9	0.118	1.29	32.4	0.00 - 0.50
7-00157	70263	Na-22	0 U	0.021	0.0062	0.037	0.00 - 0.50
7-00157	70263	Nb-94	0.0036 U	0.0142	0.0042	0.0214	0.00 - 0.50
7-00157	70263	Np-236	-0.0006 U	0.0338	0.0102	0.047	0.00 - 0.50
7-00157	70263	Np-239	-0.0125 U	0.125	0.0367	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00157	70263	Pa-231	0.308 U	0.792	0.243	0.936	0.00 - 0.50
7-00157	70263	Pb-212	1.14	0.0323	0.0698	2.69	0.00 - 0.50
7-00157	70263	Pb-214	0.796	0.035	0.0421	1.7	0.00 - 0.50
7-00157	70263	Pu-236	-0.0023 U	0.0201	0.0039	7.79	0.00 - 0.50
7-00157	70263	Pu-238	0.0017 U	0.024	0.0053	0.0415	0.00 - 0.50
7-00157	70263	Pu-239/240	0.0121	0.0082	0.0061	0.0404	0.00 - 0.50
7-00157	70263	Pu-244	0	0.0082	0.003	0.0313	0.00 - 0.50
7-00157	70263	Sb-125	-0.0229 U	0.0501	0.0164	0.354	0.00 - 0.50
7-00157	70263	Sn-126	0.0076 U	0.0162	0.005	0.0237	0.00 - 0.50
7-00157	70263	Sr-90	0.557	0.224	0.103	0.485	0.00 - 0.50
7-00157	70263	Th-228	1.1	0.0634	0.119	3.98	0.00 - 0.50
7-00157	70263	Th-229	0.0488	0.022	0.0201	0.145	0.00 - 0.50
7-00157	70263	Th-230	0.625	0.0598	0.0816	2.2	0.00 - 0.50
7-00157	70263	Th-232	0.955	0.0752	0.107	3.1	0.00 - 0.50
7-00157	70263	Th-234	1.17 J	0.269	0.145	3.19	0.00 - 0.50
7-00157	70263	Tl-208	0.371	0.0169	0.0222	0.937	0.00 - 0.50
7-00157	70263	Tm-171	-0.428 U	13.4	4.38	72.4	0.00 - 0.50
7-00157	70263	U-233/234	0.957	0.0112	0.0928	2.02	0.00 - 0.50
7-00157	70263	U-235/236	0.0769	0.0139	0.0206	0.151	0.00 - 0.50
7-00157	70263	U-238	0.759	0.0112	0.0779	1.8	0.00 - 0.50
7-00157	70264	Ac-227	-0.0813 U	0.173	0.0551	0.217	1.00 - 3.83
7-00157	70264	Ac-228	1.13	0.0883	0.0574	2.4	1.00 - 3.83
7-00157	70264	Am-241	-0.002 U	0.0392	0.0083	0.0454	1.00 - 3.83
7-00157	70264	Bi-212	0.794	0.123	0.0735	2.15	1.00 - 3.83
7-00157	70264	Bi-214	0.806	0.0291	0.0402	1.59	1.00 - 3.83
7-00157	70264	Cd-113m	-21.6 U	117	34.9	3030	1.00 - 3.83
7-00157	70264	Cm-243/244	-0.0078 U	0.0414	0.0077	0.0443	1.00 - 3.83
7-00157	70264	Co-60	-0.0031 U	0.0173	0.0052	0.028	1.00 - 3.83
7-00157	70264	Cs-134	0.0004 U	0.014	0.0047	0.0864	1.00 - 3.83
7-00157	70264	Cs-137	0.232	0.017	0.0159	0.207	1.00 - 3.83
7-00157	70264	Eu-152	-0.0115 U	0.0434	0.0152	0.0566	1.00 - 3.83
7-00157	70264	Eu-154	-0.0854 UJ	0.0917	0.0348	0.15	1.00 - 3.83
7-00157	70264	Eu-155	0.0395 JS	0.0621	0.0206	0.231	1.00 - 3.83
7-00157	70264	Ho-166m	-0.0079 U	0.025	0.0078	0.0432	1.00 - 3.83
7-00157	70264	K-40	23.2	0.109	1.43	32.4	1.00 - 3.83
7-00157	70264	Na-22	-0.0085 U	0.0207	0.0066	0.037	1.00 - 3.83
7-00157	70264	Nb-94	-0.0014 U	0.0146	0.0044	0.0214	1.00 - 3.83
7-00157	70264	Np-236	-0.0155 U	0.033	0.0107	0.047	1.00 - 3.83

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00157	70264	Np-239	-0.0323 U	0.115	0.0348	0.139	1.00 - 3.83
7-00157	70264	Pa-231	-0.0268 U	0.728	0.223	0.936	1.00 - 3.83
7-00157	70264	Pb-212	1.17	0.029	0.0711	2.69	1.00 - 3.83
7-00157	70264	Pb-214	0.851	0.0326	0.043	1.7	1.00 - 3.83
7-00157	70264	Pu-236	0.0078	0.0105	0.0055	7.79	1.00 - 3.83
7-00157	70264	Pu-238	-0.0017 UJ	0.0301	0.0055	0.0415	1.00 - 3.83
7-00157	70264	Pu-239/240	0.0038	0.0103	0.0038	0.0404	1.00 - 3.83
7-00157	70264	Pu-244	0	0.0103	0.0038	0.0313	1.00 - 3.83
7-00157	70264	Sb-125	0.0048 U	0.0411	0.0124	0.354	1.00 - 3.83
7-00157	70264	Sn-126	-0.0075 U	0.0155	0.0051	0.0237	1.00 - 3.83
7-00157	70264	Sr-90	-0.0105 U	0.296	0.0813	0.485	1.00 - 3.83
7-00157	70264	Th-228	1.18	0.101	0.131	3.98	1.00 - 3.83
7-00157	70264	Th-229	0.0092 UJ	0.0854	0.0206	0.145	1.00 - 3.83
7-00157	70264	Th-230	0.733	0.0852	0.0959	2.2	1.00 - 3.83
7-00157	70264	Th-232	1.19	0.0248	0.128	3.1	1.00 - 3.83
7-00157	70264	Th-234	1.21 J	0.269	0.148	3.19	1.00 - 3.83
7-00157	70264	Tl-208	0.369	0.0162	0.0218	0.937	1.00 - 3.83
7-00157	70264	Tm-171	4.64 U	13.3	4.43	72.4	1.00 - 3.83
7-00157	70264	U-233/234	0.729	0.0709	0.1	2.02	1.00 - 3.83
7-00157	70264	U-235/236	0.0476	0.0708	0.0264	0.151	1.00 - 3.83
7-00157	70264	U-238	0.686	0.0573	0.0957	1.8	1.00 - 3.83
7-00158	70265	Ac-227	-0.079 U	0.16	0.0534	0.217	1.00 - 5.00
7-00158	70265	Ac-228	1.27	0.103	0.0602	2.4	1.00 - 5.00
7-00158	70265	Am-241	0.0039 U	0.0145	0.0039	0.0454	1.00 - 5.00
7-00158	70265	Bi-212	0.89	0.136	0.0856	2.15	1.00 - 5.00
7-00158	70265	Bi-214	0.926	0.0283	0.0464	1.59	1.00 - 5.00
7-00158	70265	Cd-113m	16.5 U	107	33	3030	1.00 - 5.00
7-00158	70265	Cm-243/244	0.0052	0.0071	0.0037	0.0443	1.00 - 5.00
7-00158	70265	Co-60	0.0034 U	0.0183	0.0053	0.028	1.00 - 5.00
7-00158	70265	Cs-134	-0.0009 U	0.0146	0.0051	0.0864	1.00 - 5.00
7-00158	70265	Cs-137	0.076	0.0174	0.0087	0.207	1.00 - 5.00
7-00158	70265	Eu-152	-0.0163 U	0.0387	0.0136	0.0566	1.00 - 5.00
7-00158	70265	Eu-154	-0.0268 U	0.0998	0.0309	0.15	1.00 - 5.00
7-00158	70265	Eu-155	0.0557 JS	0.052	0.0197	0.231	1.00 - 5.00
7-00158	70265	H-3	4.27 U	8.96	2.72	11.9	1.00 - 5.00
7-00158	70265	Ho-166m	0.0028 U	0.0267	0.0077	0.0432	1.00 - 5.00
7-00158	70265	K-40	20.7	0.117	1.11	32.4	1.00 - 5.00
7-00158	70265	Na-22	-0.014 UJ	0.02	0.0069	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00158	70265	Nb-94	0.0113 JS	0.016	0.0052	0.0214	1.00 - 5.00
7-00158	70265	Np-236	-0.0192 UJ	0.0266	0.0091	0.047	1.00 - 5.00
7-00158	70265	Np-239	0.0401 U	0.108	0.0338	0.139	1.00 - 5.00
7-00158	70265	Pa-231	-0.216 U	0.667	0.215	0.936	1.00 - 5.00
7-00158	70265	Pb-212	1.34	0.0279	0.0742	2.69	1.00 - 5.00
7-00158	70265	Pb-214	0.982	0.0298	0.0471	1.7	1.00 - 5.00
7-00158	70265	Pu-236	0.0033 U	0.0166	0.0042	7.79	1.00 - 5.00
7-00158	70265	Pu-238	0.005	0.0068	0.0036	0.0415	1.00 - 5.00
7-00158	70265	Pu-239/240	-0.0029 U	0.0228	0.004	0.0404	1.00 - 5.00
7-00158	70265	Pu-244	0.0075	0.0068	0.0044	0.0313	1.00 - 5.00
7-00158	70265	Sb-125	0.0133 U	0.0429	0.0128	0.354	1.00 - 5.00
7-00158	70265	Sn-126	-0.0005 U	0.0171	0.0049	0.0237	1.00 - 5.00
7-00158	70265	Sr-90	-0.0843 U	0.217	0.0505	0.485	1.00 - 5.00
7-00158	70265	Th-228	1.12	0.0929	0.112	3.98	1.00 - 5.00
7-00158	70265	Th-229	0 U	0.0803	0.0189	0.145	1.00 - 5.00
7-00158	70265	Th-230	0.873	0.0491	0.092	2.2	1.00 - 5.00
7-00158	70265	Th-232	1.09	0.018	0.106	3.1	1.00 - 5.00
7-00158	70265	Th-234	1.17	0.196	0.107	3.19	1.00 - 5.00
7-00158	70265	Tl-208	0.45	0.016	0.0269	0.937	1.00 - 5.00
7-00158	70265	Tm-171	-1.86 U	6.08	2.13	72.4	1.00 - 5.00
7-00158	70265	U-233/234	0.873	0.0423	0.094	2.02	1.00 - 5.00
7-00158	70265	U-235/236	0.0302	0.0522	0.0177	0.151	1.00 - 5.00
7-00158	70265	U-238	0.739	0.0145	0.083	1.8	1.00 - 5.00
7-00159	70266	Ac-227	-0.182 UJ	0.185	0.0726	0.217	1.00 - 4.00
7-00159	70266	Ac-228	1.62	0.106	0.074	2.4	1.00 - 4.00
7-00159	70266	Am-241	0.0042	0.0057	0.003	0.0454	1.00 - 4.00
7-00159	70266	Bi-212	1.14	0.159	0.0991	2.15	1.00 - 4.00
7-00159	70266	Bi-214	1.28	0.0337	0.0597	1.59	1.00 - 4.00
7-00159	70266	Cd-113m	-5.01 U	125	38.3	3030	1.00 - 4.00
7-00159	70266	Cm-243/244	0.009	0.0134	0.005	0.0443	1.00 - 4.00
7-00159	70266	Co-60	0.0016 U	0.0205	0.0059	0.028	1.00 - 4.00
7-00159	70266	Cs-134	0.0081 U	0.0168	0.0059	0.0864	1.00 - 4.00
7-00159	70266	Cs-137	0.0017 U	0.019	0.009	0.207	1.00 - 4.00
7-00159	70266	Eu-152	-0.0445 UJ	0.0477	0.0183	0.0566	1.00 - 4.00
7-00159	70266	Eu-154	-0.038 U	0.113	0.0357	0.15	1.00 - 4.00
7-00159	70266	Eu-155	0.108 JS	0.0567	0.0262	0.231	1.00 - 4.00
7-00159	70266	Ho-166m	-0.0103 U	0.0305	0.0093	0.0432	1.00 - 4.00
7-00159	70266	K-40	20.9	0.149	1.13	32.4	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00159	70266	Na-22	-0.0028 U	0.0233	0.0068	0.037	1.00 - 4.00
7-00159	70266	Nb-94	0.0026 U	0.0178	0.0052	0.0214	1.00 - 4.00
7-00159	70266	Np-236	-0.009 U	0.032	0.0096	0.047	1.00 - 4.00
7-00159	70266	Np-239	0.0615 U	0.125	0.0403	0.139	1.00 - 4.00
7-00159	70266	Pa-231	-0.186 U	0.768	0.243	0.936	1.00 - 4.00
7-00159	70266	Pb-212	1.75	0.0322	0.0963	2.69	1.00 - 4.00
7-00159	70266	Pb-214	1.37	0.0348	0.0622	1.7	1.00 - 4.00
7-00159	70266	Pu-236	0.0023	0.0061	0.0023	7.79	1.00 - 4.00
7-00159	70266	Pu-238	-0.0013 U	0.0241	0.0052	0.0415	1.00 - 4.00
7-00159	70266	Pu-239/240	0.0012 U	0.0174	0.0039	0.0404	1.00 - 4.00
7-00159	70266	Pu-244	0.011	0.006	0.005	0.0313	1.00 - 4.00
7-00159	70266	Sb-125	-0.0146 U	0.0464	0.0143	0.354	1.00 - 4.00
7-00159	70266	Sn-126	-0.0029 U	0.0195	0.0057	0.0237	1.00 - 4.00
7-00159	70266	Sr-90	0.161 U	0.293	0.0916	0.485	1.00 - 4.00
7-00159	70266	Th-228	1.56 L	0.0854	0.14	3.98	1.00 - 4.00
7-00159	70266	Th-229	0.0413 L	0.064	0.0219	0.145	1.00 - 4.00
7-00159	70266	Th-230	1.25 L	0.0638	0.119	2.2	1.00 - 4.00
7-00159	70266	Th-232	1.54 L	0.0504	0.137	3.1	1.00 - 4.00
7-00159	70266	Th-234	1.91	0.224	0.143	3.19	1.00 - 4.00
7-00159	70266	Tl-208	0.596	0.0181	0.0345	0.937	1.00 - 4.00
7-00159	70266	Tm-171	-1.85 U	6.92	2.42	72.4	1.00 - 4.00
7-00159	70266	U-233/234	1.41	0.0548	0.146	2.02	1.00 - 4.00
7-00159	70266	U-235/236	0.103	0.0233	0.0308	0.151	1.00 - 4.00
7-00159	70266	U-238	1.38	0.0443	0.144	1.8	1.00 - 4.00
7-00161	70268	Ac-227	-0.0137 U	0.182	0.0544	0.217	1.00 - 5.00
7-00161	70268	Ac-228	1.33	0.0833	0.0637	2.4	1.00 - 5.00
7-00161	70268	Am-241	-0.0036 U	0.0277	0.0049	0.0454	1.00 - 5.00
7-00161	70268	Bi-212	0.99	0.118	0.0758	2.15	1.00 - 5.00
7-00161	70268	Bi-214	1.16	0.0271	0.0532	1.59	1.00 - 5.00
7-00161	70268	Cd-113m	-35.6 U	120	37	3030	1.00 - 5.00
7-00161	70268	Cm-243/244	0.014	0.0242	0.0082	0.0443	1.00 - 5.00
7-00161	70268	Co-60	0.007 U	0.0163	0.005	0.028	1.00 - 5.00
7-00161	70268	Cs-134	0.0084 JS	0.0133	0.0047	0.0864	1.00 - 5.00
7-00161	70268	Cs-137	0.014 J	0.0169	0.0063	0.207	1.00 - 5.00
7-00161	70268	Eu-152	0.0201 U	0.045	0.0186	0.0566	1.00 - 5.00
7-00161	70268	Eu-154	-0.068 UJ	0.0865	0.0314	0.15	1.00 - 5.00
7-00161	70268	Eu-155	0.0794 JS	0.0644	0.0259	0.231	1.00 - 5.00
7-00161	70268	Ho-166m	0.008 U	0.0246	0.0073	0.0432	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00161	70268	K-40	21.3	0.123	1.22	32.4	1.00 - 5.00
7-00161	70268	Na-22	0.0028 U	0.0183	0.0055	0.037	1.00 - 5.00
7-00161	70268	Nb-94	0.0169 JS	0.0148	0.0057	0.0214	1.00 - 5.00
7-00161	70268	Np-236	0.0022 U	0.0356	0.0107	0.047	1.00 - 5.00
7-00161	70268	Np-239	0.0093 U	0.122	0.0363	0.139	1.00 - 5.00
7-00161	70268	Pa-231	-0.374 U	0.745	0.243	0.936	1.00 - 5.00
7-00161	70268	Pb-212	1.51	0.0304	0.0952	2.69	1.00 - 5.00
7-00161	70268	Pb-214	1.31	0.0324	0.0637	1.7	1.00 - 5.00
7-00161	70268	Pu-238	0.0011 U	0.0147	0.0033	0.0415	1.00 - 5.00
7-00161	70268	Pu-239/240	-0.0027 U	0.0147	0.0027	0.0404	1.00 - 5.00
7-00161	70268	Pu-244	0.0024 U	0.0119	0.003	0.0313	1.00 - 5.00
7-00161	70268	Sb-125	-0.0048 U	0.0411	0.0126	0.354	1.00 - 5.00
7-00161	70268	Sn-126	0.0036 U	0.0157	0.0046	0.0237	1.00 - 5.00
7-00161	70268	Sr-90	0.19	0.242	0.0787	0.485	1.00 - 5.00
7-00161	70268	Th-228	1.23	0.137	0.126	3.98	1.00 - 5.00
7-00161	70268	Th-229	0.0075 U	0.0978	0.0247	0.145	1.00 - 5.00
7-00161	70268	Th-230	1.08	0.0801	0.112	2.2	1.00 - 5.00
7-00161	70268	Th-232	1.4	0.0546	0.132	3.1	1.00 - 5.00
7-00161	70268	Th-234	1.57	0.269	0.148	3.19	1.00 - 5.00
7-00161	70268	Tl-208	0.45	0.015	0.0255	0.937	1.00 - 5.00
7-00161	70268	Tm-171	-1.75 U	11.4	4	72.4	1.00 - 5.00
7-00161	70268	U-233/234	1.06	0.0173	0.114	2.02	1.00 - 5.00
7-00161	70268	U-235/236	0.0417	0.0503	0.0204	0.151	1.00 - 5.00
7-00161	70268	U-238	1.15	0.0504	0.122	1.8	1.00 - 5.00
7-00162	70269	Ac-227	0.0707 U	0.187	0.0585	0.217	0.50 - 1.00
7-00162	70269	Ac-228	1.24	0.0937	0.0614	2.4	0.50 - 1.00
7-00162	70269	Am-241	0.0038 U	0.0186	0.0048	0.0454	0.50 - 1.00
7-00162	70269	Bi-212	0.84	0.12	0.0677	2.15	0.50 - 1.00
7-00162	70269	Bi-214	1	0.0277	0.0471	1.59	0.50 - 1.00
7-00162	70269	C-14	-0.422 U	0.752	0.219	2.96	0.50 - 1.00
7-00162	70269	Cd-113m	-8.07 U	121	42.2	3030	0.50 - 1.00
7-00162	70269	Cm-243/244	0.0041	0.0056	0.0029	0.0443	0.50 - 1.00
7-00162	70269	Co-60	-0.0049 U	0.0158	0.0049	0.028	0.50 - 1.00
7-00162	70269	Cs-134	0.0047 U	0.0138	0.0048	0.0864	0.50 - 1.00
7-00162	70269	Cs-137	0.0341	0.0163	0.0068	0.207	0.50 - 1.00
7-00162	70269	Eu-152	-0.0101 U	0.0442	0.019	0.0566	0.50 - 1.00
7-00162	70269	Eu-154	-0.0125 U	0.0912	0.0314	0.15	0.50 - 1.00
7-00162	70269	Eu-155	0.0534 JS	0.062	0.0273	0.231	0.50 - 1.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00162	70269	H-3	2.18 U	7.39	2.17	11.9	0.50 - 1.00
7-00162	70269	Ho-166m	0.0002 U	0.0249	0.0075	0.0432	0.50 - 1.00
7-00162	70269	K-40	24.4	0.117	1.45	32.4	0.50 - 1.00
7-00162	70269	Na-22	-0.0021 U	0.0198	0.006	0.037	0.50 - 1.00
7-00162	70269	Nb-94	0.0045 U	0.0145	0.0044	0.0214	0.50 - 1.00
7-00162	70269	Ni-59	-1.99 U	6.25	1.83	5.96	0.50 - 1.00
7-00162	70269	Ni-63	0.303 U	1.63	0.489	4.92	0.50 - 1.00
7-00162	70269	Np-236	0.002 U	0.0348	0.0106	0.047	0.50 - 1.00
7-00162	70269	Np-239	-0.053 U	0.122	0.0394	0.139	0.50 - 1.00
7-00162	70269	Pa-231	-0.231 U	0.756	0.247	0.936	0.50 - 1.00
7-00162	70269	Pb-212	1.39	0.0319	0.0852	2.69	0.50 - 1.00
7-00162	70269	Pb-214	1.15	0.032	0.0562	1.7	0.50 - 1.00
7-00162	70269	Pu-236	0.0093	0.0063	0.0047	7.79	0.50 - 1.00
7-00162	70269	Pu-238	0.0045	0.0061	0.0032	0.0415	0.50 - 1.00
7-00162	70269	Pu-239/240	0.0058 U	0.0178	0.0051	0.0404	0.50 - 1.00
7-00162	70269	Pu-244	0.0006 U	0.0144	0.0028	0.0313	0.50 - 1.00
7-00162	70269	Sb-125	-0.0132 U	0.0408	0.0125	0.354	0.50 - 1.00
7-00162	70269	Sn-126	-0.0044 U	0.0158	0.0049	0.0237	0.50 - 1.00
7-00162	70269	Sr-90	0.0807 U	0.175	0.0536	0.485	0.50 - 1.00
7-00162	70269	Tc-99	0.0009 U	1.14	0.337	1.63	0.50 - 1.00
7-00162	70269	Th-228	1.49 R	0.144	0.143	3.98	0.50 - 1.00
7-00162	70269	Th-229	-0.023 R	0.101	0.0203	0.145	0.50 - 1.00
7-00162	70269	Th-230	1.01 R	0.0825	0.107	2.2	0.50 - 1.00
7-00162	70269	Th-232	1.14 R	0.0562	0.114	3.1	0.50 - 1.00
7-00162	70269	Th-234	1.34	0.268	0.131	3.19	0.50 - 1.00
7-00162	70269	Tl-208	0.41	0.0156	0.0236	0.937	0.50 - 1.00
7-00162	70269	Tm-171	-10 UJ	10.9	4.55	72.4	0.50 - 1.00
7-00162	70269	U-233/234	0.888	0.0242	0.0856	2.02	0.50 - 1.00
7-00162	70269	U-235/236	0.0282	0.0127	0.0117	0.151	0.50 - 1.00
7-00162	70269	U-238	0.864	0.0242	0.0838	1.8	0.50 - 1.00
7-00164	70271	Ac-227	-0.12 U	0.228	0.0747	0.217	1.00 - 1.60
7-00164	70271	Ac-228	1.34	0.11	0.0671	2.4	1.00 - 1.60
7-00164	70271	Am-241	0.0197	0.0228	0.0083	0.0454	1.00 - 1.60
7-00164	70271	Bi-212	0.931	0.151	0.0835	2.15	1.00 - 1.60
7-00164	70271	Bi-214	1.07	0.034	0.0524	1.59	1.00 - 1.60
7-00164	70271	Cd-113m	40.1 U	154	46.5	3030	1.00 - 1.60
7-00164	70271	Cm-243/244	0.0081	0.019	0.0058	0.0443	1.00 - 1.60
7-00164	70271	Co-60	0.0044 U	0.0201	0.0059	0.028	1.00 - 1.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00164	70271	Cs-134	-0.0012 U	0.0168	0.0057	0.0864	1.00 - 1.60
7-00164	70271	Cs-137	0.075	0.0227	0.0091	0.207	1.00 - 1.60
7-00164	70271	Eu-152	-0.0211 U	0.0559	0.0193	0.0566	1.00 - 1.60
7-00164	70271	Eu-154	0.0447 U	0.121	0.036	0.15	1.00 - 1.60
7-00164	70271	Eu-155	0.101 JS	0.0804	0.0301	0.231	1.00 - 1.60
7-00164	70271	Ho-166m	0.0027 U	0.0315	0.0093	0.0432	1.00 - 1.60
7-00164	70271	K-40	21.7	0.147	1.34	32.4	1.00 - 1.60
7-00164	70271	Na-22	-0.009 U	0.0253	0.008	0.037	1.00 - 1.60
7-00164	70271	Nb-94	0.0016 U	0.0178	0.0053	0.0214	1.00 - 1.60
7-00164	70271	Np-236	-0.0076 U	0.0439	0.0137	0.047	1.00 - 1.60
7-00164	70271	Np-239	0.0298 U	0.156	0.0465	0.139	1.00 - 1.60
7-00164	70271	Pa-231	0.108 U	0.962	0.31	0.936	1.00 - 1.60
7-00164	70271	Pb-212	1.57	0.0398	0.102	2.69	1.00 - 1.60
7-00164	70271	Pb-214	1.27	0.0403	0.0631	1.7	1.00 - 1.60
7-00164	70271	Pu-236	0	0.0068	0.0025	7.79	1.00 - 1.60
7-00164	70271	Pu-238	0.0025	0.0067	0.0025	0.0415	1.00 - 1.60
7-00164	70271	Pu-239/240	0.0025	0.0067	0.0025	0.0404	1.00 - 1.60
7-00164	70271	Pu-244	0.0098	0.0067	0.0049	0.0313	1.00 - 1.60
7-00164	70271	Sb-125	0.0101 U	0.0524	0.016	0.354	1.00 - 1.60
7-00164	70271	Sn-126	0.003 U	0.0202	0.006	0.0237	1.00 - 1.60
7-00164	70271	Sr-90	0.155	0.211	0.0695	0.485	1.00 - 1.60
7-00164	70271	Th-228	1.49 R	0.0949	0.136	3.98	1.00 - 1.60
7-00164	70271	Th-229	0.0211 R	0.0758	0.0211	0.145	1.00 - 1.60
7-00164	70271	Th-230	1.08 R	0.0517	0.107	2.2	1.00 - 1.60
7-00164	70271	Th-232	1.21 R	0.019	0.115	3.1	1.00 - 1.60
7-00164	70271	Th-234	1.5 J	0.36	0.18	3.19	1.00 - 1.60
7-00164	70271	Tl-208	0.456	0.0201	0.0269	0.937	1.00 - 1.60
7-00164	70271	Tm-171	-1.15 U	18.8	6.34	72.4	1.00 - 1.60
7-00164	70271	U-233/234	0.943	0.0579	0.119	2.02	1.00 - 1.60
7-00164	70271	U-235/236	0.0207 U	0.102	0.0265	0.151	1.00 - 1.60
7-00164	70271	U-238	1.08	0.0579	0.13	1.8	1.00 - 1.60
7-00165	70272	Ac-227	0.0168 U	0.203	0.0623	0.217	0.00 - 0.50
7-00165	70272	Ac-228	1.28	0.0983	0.064	2.4	0.00 - 0.50
7-00165	70272	Am-241	0.0039	0.0053	0.0028	0.0454	0.00 - 0.50
7-00165	70272	Bi-212	1.05	0.139	0.09	2.15	0.00 - 0.50
7-00165	70272	Bi-214	0.956	0.0292	0.0453	1.59	0.00 - 0.50
7-00165	70272	Cd-113m	43.6 U	138	46.5	3030	0.00 - 0.50
7-00165	70272	Cm-243/244	0.0025 U	0.0125	0.0031	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00165	70272	Co-60	0.0033 U	0.018	0.0053	0.028	0.00 - 0.50
7-00165	70272	Cs-134	0.0045 U	0.0162	0.0056	0.0864	0.00 - 0.50
7-00165	70272	Cs-137	0.0496	0.0168	0.0077	0.207	0.00 - 0.50
7-00165	70272	Eu-152	-0.0212 U	0.0486	0.0197	0.0566	0.00 - 0.50
7-00165	70272	Eu-154	-0.0247 U	0.0949	0.0287	0.15	0.00 - 0.50
7-00165	70272	Eu-155	0.064 SJ	0.0757	0.0285	0.231	0.00 - 0.50
7-00165	70272	Ho-166m	-0.0071 U	0.0252	0.0079	0.0432	0.00 - 0.50
7-00165	70272	K-40	23.8	0.136	1.44	32.4	0.00 - 0.50
7-00165	70272	Na-22	0.0078 U	0.0219	0.0066	0.037	0.00 - 0.50
7-00165	70272	Nb-94	0.0043 U	0.0151	0.0046	0.0214	0.00 - 0.50
7-00165	70272	Np-236	-0.0013 U	0.0395	0.0128	0.047	0.00 - 0.50
7-00165	70272	Np-239	-0.0509 U	0.135	0.0435	0.139	0.00 - 0.50
7-00165	70272	Pa-231	0.12 U	0.827	0.275	0.936	0.00 - 0.50
7-00165	70272	Pb-212	1.56	0.0378	0.0958	2.69	0.00 - 0.50
7-00165	70272	Pb-214	1.08	0.0345	0.051	1.7	0.00 - 0.50
7-00165	70272	Pu-236	0	0.0064	0.0024	7.79	0.00 - 0.50
7-00165	70272	Pu-238	0.0023	0.0061	0.0023	0.0415	0.00 - 0.50
7-00165	70272	Pu-239/240	0.0045	0.0061	0.0032	0.0404	0.00 - 0.50
7-00165	70272	Pu-244	0.0013 U	0.0178	0.0039	0.0313	0.00 - 0.50
7-00165	70272	Sb-125	-0.005 U	0.0472	0.014	0.354	0.00 - 0.50
7-00165	70272	Sn-126	-0.001 U	0.0166	0.005	0.0237	0.00 - 0.50
7-00165	70272	Sr-90	0.221	0.183	0.066	0.485	0.00 - 0.50
7-00165	70272	Th-228	1.54 L	0.0521	0.137	3.98	0.00 - 0.50
7-00165	70272	Th-229	0.0267 UL	0.0803	0.0232	0.145	0.00 - 0.50
7-00165	70272	Th-230	0.967 L	0.0491	0.0979	2.2	0.00 - 0.50
7-00165	70272	Th-232	1.28 L	0.0489	0.118	3.1	0.00 - 0.50
7-00165	70272	Th-234	1.55 J	0.326	0.159	3.19	0.00 - 0.50
7-00165	70272	Tl-208	0.487	0.0179	0.027	0.937	0.00 - 0.50
7-00165	70272	Tm-171	-17.2 UJ	16.7	7.05	72.4	0.00 - 0.50
7-00165	70272	U-233/234	0.941	0.0488	0.1	2.02	0.00 - 0.50
7-00165	70272	U-235/236	0.0752	0.0425	0.0242	0.151	0.00 - 0.50
7-00165	70272	U-238	1.05	0.0146	0.108	1.8	0.00 - 0.50
7-00165	70273	Ac-227	0.0464 U	0.175	0.0527	0.217	1.00 - 2.50
7-00165	70273	Ac-228	1.13	0.08	0.0549	2.4	1.00 - 2.50
7-00165	70273	Am-241	0.0023 U	0.0203	0.005	0.0454	1.00 - 2.50
7-00165	70273	Bi-212	0.781	0.113	0.0698	2.15	1.00 - 2.50
7-00165	70273	Bi-214	0.808	0.0271	0.0387	1.59	1.00 - 2.50
7-00165	70273	Cd-113m	-19.5 U	114	37.2	3030	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00165	70273	Cm-243/244	-0.0032 U	0.0221	0.0043	0.0443	1.00 - 2.50
7-00165	70273	Co-60	-0.0019 U	0.0159	0.0048	0.028	1.00 - 2.50
7-00165	70273	Cs-134	0.0046 U	0.013	0.0043	0.0864	1.00 - 2.50
7-00165	70273	Cs-137	0.0006 U	0.0163	0.0047	0.207	1.00 - 2.50
7-00165	70273	Eu-152	-0.0215 U	0.0416	0.0142	0.0566	1.00 - 2.50
7-00165	70273	Eu-154	0.0342 U	0.0903	0.0309	0.15	1.00 - 2.50
7-00165	70273	Eu-155	0.054 SJ	0.061	0.0222	0.231	1.00 - 2.50
7-00165	70273	Ho-166m	0.0019 U	0.0238	0.0069	0.0432	1.00 - 2.50
7-00165	70273	K-40	24.7	0.106	1.41	32.4	1.00 - 2.50
7-00165	70273	Na-22	0.0097 J	0.0198	0.0062	0.037	1.00 - 2.50
7-00165	70273	Nb-94	0.0067 U	0.0143	0.0044	0.0214	1.00 - 2.50
7-00165	70273	Np-236	0.0054 U	0.034	0.01	0.047	1.00 - 2.50
7-00165	70273	Np-239	0.0213 U	0.117	0.035	0.139	1.00 - 2.50
7-00165	70273	Pa-231	-0.275 U	0.731	0.231	0.936	1.00 - 2.50
7-00165	70273	Pb-212	1.21	0.0296	0.0769	2.69	1.00 - 2.50
7-00165	70273	Pb-214	0.893	0.0311	0.0456	1.7	1.00 - 2.50
7-00165	70273	Pu-236	0.0029 U	0.0142	0.0035	7.79	1.00 - 2.50
7-00165	70273	Pu-238	0.0034 U	0.0173	0.0044	0.0415	1.00 - 2.50
7-00165	70273	Pu-239/240	-0.0013 U	0.0239	0.0052	0.0404	1.00 - 2.50
7-00165	70273	Pu-244	0.0088	0.006	0.0044	0.0313	1.00 - 2.50
7-00165	70273	Sb-125	-0.0038 U	0.0383	0.0117	0.354	1.00 - 2.50
7-00165	70273	Sn-126	0.0045 U	0.0153	0.0045	0.0237	1.00 - 2.50
7-00165	70273	Sr-90	-0.0407 U	0.146	0.0355	0.485	1.00 - 2.50
7-00165	70273	Th-228	1.06	0.115	0.112	3.98	1.00 - 2.50
7-00165	70273	Th-229	0.0925	0.0661	0.0299	0.145	1.00 - 2.50
7-00165	70273	Th-230	0.746	0.066	0.0862	2.2	1.00 - 2.50
7-00165	70273	Th-232	1.03	0.0192	0.105	3.1	1.00 - 2.50
7-00165	70273	Th-234	1.25 J	0.266	0.131	3.19	1.00 - 2.50
7-00165	70273	Tl-208	0.381	0.0143	0.0221	0.937	1.00 - 2.50
7-00165	70273	Tm-171	-4.51 U	10.8	3.94	72.4	1.00 - 2.50
7-00165	70273	U-233/234	0.779	0.0164	0.0898	2.02	1.00 - 2.50
7-00165	70273	U-235/236	0.032	0.0477	0.0177	0.151	1.00 - 2.50
7-00165	70273	U-238	0.742	0.0477	0.0873	1.8	1.00 - 2.50
7-00166	70274	Ac-227	-0.0197 U	0.206	0.064	0.217	0.50 - 2.25
7-00166	70274	Ac-228	1.13	0.0999	0.0562	2.4	0.50 - 2.25
7-00166	70274	Am-241	0.0044	0.006	0.0032	0.0454	0.50 - 2.25
7-00166	70274	Bi-212	0.714 J	0.136	0.0748	2.15	0.50 - 2.25
7-00166	70274	Bi-214	0.834	0.0298	0.0413	1.59	0.50 - 2.25

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00166	70274	Cd-113m	-96 U	135	51.9	3030	0.50 - 2.25
7-00166	70274	Cm-243/244	0.0067	0.006	0.0039	0.0443	0.50 - 2.25
7-00166	70274	Co-60	0.0132 J	0.0197	0.0063	0.028	0.50 - 2.25
7-00166	70274	Cs-134	-0.0029 U	0.0148	0.0051	0.0864	0.50 - 2.25
7-00166	70274	Cs-137	0.0831	0.018	0.0094	0.207	0.50 - 2.25
7-00166	70274	Eu-152	-0.031 U	0.0478	0.0183	0.0566	0.50 - 2.25
7-00166	70274	Eu-154	0.0225 U	0.103	0.0309	0.15	0.50 - 2.25
7-00166	70274	Eu-155	0.0067 U	0.0764	0.0227	0.231	0.50 - 2.25
7-00166	70274	H-3	1.45 U	7.05	2.04	11.9	0.50 - 2.25
7-00166	70274	Ho-166m	0.0088 U	0.0279	0.0083	0.0432	0.50 - 2.25
7-00166	70274	K-40	22.6	0.124	1.4	32.4	0.50 - 2.25
7-00166	70274	Na-22	-0.0088 U	0.0218	0.0069	0.037	0.50 - 2.25
7-00166	70274	Nb-94	0.0025 U	0.0154	0.0045	0.0214	0.50 - 2.25
7-00166	70274	Np-236	0.0086 U	0.0411	0.0123	0.047	0.50 - 2.25
7-00166	70274	Np-239	-0.0715 U	0.135	0.0455	0.139	0.50 - 2.25
7-00166	70274	Pa-231	-0.18 U	0.854	0.28	0.936	0.50 - 2.25
7-00166	70274	Pb-212	1.29	0.0342	0.0854	2.69	0.50 - 2.25
7-00166	70274	Pb-214	0.923	0.0364	0.0482	1.7	0.50 - 2.25
7-00166	70274	Pu-236	0.0012 U	0.0175	0.0039	7.79	0.50 - 2.25
7-00166	70274	Pu-238	0.0012 U	0.0171	0.0038	0.0415	0.50 - 2.25
7-00166	70274	Pu-239/240	0.0087	0.0059	0.0044	0.0404	0.50 - 2.25
7-00166	70274	Pu-244	-0.001 U	0.0171	0.0031	0.0313	0.50 - 2.25
7-00166	70274	Sb-125	-0.0076 U	0.0446	0.0135	0.354	0.50 - 2.25
7-00166	70274	Sn-126	0.0064 U	0.0176	0.0053	0.0237	0.50 - 2.25
7-00166	70274	Sr-90	-0.0304 U	0.184	0.0457	0.485	0.50 - 2.25
7-00166	70274	Th-228	1.18 L	0.0899	0.118	3.98	0.50 - 2.25
7-00166	70274	Th-229	-0.0073 UL	0.0872	0.0192	0.145	0.50 - 2.25
7-00166	70274	Th-230	0.84 L	0.0779	0.0936	2.2	0.50 - 2.25
7-00166	70274	Th-232	1.13 L	0.0531	0.112	3.1	0.50 - 2.25
7-00166	70274	Th-234	1.05 J	0.341	0.14	3.19	0.50 - 2.25
7-00166	70274	Tl-208	0.389	0.0166	0.0227	0.937	0.50 - 2.25
7-00166	70274	Tm-171	-8.48 U	19.2	6.75	72.4	0.50 - 2.25
7-00166	70274	U-233/234	0.748	0.041	0.0895	2.02	0.50 - 2.25
7-00166	70274	U-235/236	0.034	0.0507	0.0189	0.151	0.50 - 2.25
7-00166	70274	U-238	0.92	0.0174	0.103	1.8	0.50 - 2.25
7-00167	70275	Ac-227	0.0719 U	0.172	0.0543	0.217	0.50 - 1.50
7-00167	70275	Ac-228	1.23	0.0815	0.0597	2.4	0.50 - 1.50
7-00167	70275	Am-241	0.0104	0.0155	0.0057	0.0454	0.50 - 1.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00167	70275	Bi-212	0.834	0.112	0.0723	2.15	0.50 - 1.50
7-00167	70275	Bi-214	0.823	0.0259	0.039	1.59	0.50 - 1.50
7-00167	70275	Cd-113m	-18.6 U	112	35.7	3030	0.50 - 1.50
7-00167	70275	Cm-243/244	0.0062 U	0.0192	0.0055	0.0443	0.50 - 1.50
7-00167	70275	Co-60	-0.0117 UJ	0.0146	0.0054	0.028	0.50 - 1.50
7-00167	70275	Cs-134	0.0051 U	0.0131	0.0046	0.0864	0.50 - 1.50
7-00167	70275	Cs-137	0.141	0.0159	0.0106	0.207	0.50 - 1.50
7-00167	70275	Eu-152	0.0159 U	0.0415	0.0159	0.0566	0.50 - 1.50
7-00167	70275	Eu-154	0.0139 U	0.0825	0.0278	0.15	0.50 - 1.50
7-00167	70275	Eu-155	0.0399 JS	0.0601	0.0198	0.231	0.50 - 1.50
7-00167	70275	H-3	1.11 U	7.77	2.22	11.9	0.50 - 1.50
7-00167	70275	Ho-166m	0.0058 U	0.0236	0.0071	0.0432	0.50 - 1.50
7-00167	70275	K-40	22.6	0.105	1.35	32.4	0.50 - 1.50
7-00167	70275	Na-22	-0.0049 U	0.0184	0.0057	0.037	0.50 - 1.50
7-00167	70275	Nb-94	0.008 JS	0.0141	0.0045	0.0214	0.50 - 1.50
7-00167	70275	Np-236	-0.0118 U	0.0319	0.0099	0.047	0.50 - 1.50
7-00167	70275	Np-239	-0.0295 U	0.113	0.035	0.139	0.50 - 1.50
7-00167	70275	Pa-231	-0.268 U	0.689	0.222	0.936	0.50 - 1.50
7-00167	70275	Pb-212	1.26	0.0294	0.0774	2.69	0.50 - 1.50
7-00167	70275	Pb-214	0.932	0.0288	0.0468	1.7	0.50 - 1.50
7-00167	70275	Pu-236	-0.0011 U	0.0202	0.0037	7.79	0.50 - 1.50
7-00167	70275	Pu-238	-0.0011 U	0.0198	0.0036	0.0415	0.50 - 1.50
7-00167	70275	Pu-239/240	-0.0011 U	0.0198	0.0036	0.0404	0.50 - 1.50
7-00167	70275	Pu-244	0.0075	0.0068	0.0044	0.0313	0.50 - 1.50
7-00167	70275	Sb-125	0.0039 U	0.0385	0.0113	0.354	0.50 - 1.50
7-00167	70275	Sn-126	-0.0006 U	0.0147	0.0044	0.0237	0.50 - 1.50
7-00167	70275	Sr-90	0.0115 U	0.111	0.0301	0.485	0.50 - 1.50
7-00167	70275	Th-228	1.23 L	0.109	0.121	3.98	0.50 - 1.50
7-00167	70275	Th-229	0.0211 UL	0.0653	0.0186	0.145	0.50 - 1.50
7-00167	70275	Th-230	0.862 L	0.0755	0.0939	2.2	0.50 - 1.50
7-00167	70275	Th-232	1.21 L	0.084	0.117	3.1	0.50 - 1.50
7-00167	70275	Th-234	1.25	0.252	0.124	3.19	0.50 - 1.50
7-00167	70275	Tl-208	0.373	0.0147	0.0215	0.937	0.50 - 1.50
7-00167	70275	Tm-171	-4.93 U	9.9	3.69	72.4	0.50 - 1.50
7-00167	70275	U-233/234	0.755	0.0281	0.107	2.02	0.50 - 1.50
7-00167	70275	U-235/236	0.103	0.0348	0.0372	0.151	0.50 - 1.50
7-00167	70275	U-238	0.896	0.0662	0.121	1.8	0.50 - 1.50
7-00168	70276	Ac-227	0.0972 J	0.186	0.0607	0.217	0.50 - 1.70

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00168	70276	Ac-228	1.11	0.0827	0.0553	2.4	0.50 - 1.70
7-00168	70276	Am-241	0.0012 U	0.0166	0.0037	0.0454	0.50 - 1.70
7-00168	70276	Bi-212	0.689 J	0.113	0.0701	2.15	0.50 - 1.70
7-00168	70276	Bi-214	0.803	0.0272	0.038	1.59	0.50 - 1.70
7-00168	70276	Cd-113m	-36.2 U	119	39.1	3030	0.50 - 1.70
7-00168	70276	Cm-243/244	0.0003 U	0.0212	0.0048	0.0443	0.50 - 1.70
7-00168	70276	Co-60	0.0007 U	0.0148	0.0043	0.028	0.50 - 1.70
7-00168	70276	Cs-134	-0.0022 U	0.0132	0.0046	0.0864	0.50 - 1.70
7-00168	70276	Cs-137	0.0839	0.0159	0.0081	0.207	0.50 - 1.70
7-00168	70276	Eu-152	-0.0392 UJ	0.042	0.0193	0.0566	0.50 - 1.70
7-00168	70276	Eu-154	0.0256 U	0.0864	0.0254	0.15	0.50 - 1.70
7-00168	70276	Eu-155	0.0515 JS	0.0675	0.0233	0.231	0.50 - 1.70
7-00168	70276	H-3	-0.222 U	7.69	2.12	11.9	0.50 - 1.70
7-00168	70276	Ho-166m	0.0096 U	0.0244	0.0075	0.0432	0.50 - 1.70
7-00168	70276	K-40	22	0.13	1.34	32.4	0.50 - 1.70
7-00168	70276	Na-22	-0.0051 U	0.018	0.0055	0.037	0.50 - 1.70
7-00168	70276	Nb-94	0.0073 JS	0.0136	0.0043	0.0214	0.50 - 1.70
7-00168	70276	Np-236	-0.0028 U	0.0358	0.0108	0.047	0.50 - 1.70
7-00168	70276	Np-239	0.0083 U	0.125	0.0381	0.139	0.50 - 1.70
7-00168	70276	Pa-231	-0.254 U	0.76	0.252	0.936	0.50 - 1.70
7-00168	70276	Pb-212	1.29	0.0308	0.0793	2.69	0.50 - 1.70
7-00168	70276	Pb-214	0.896	0.0316	0.0442	1.7	0.50 - 1.70
7-00168	70276	Pu-236	0.0005 U	0.012	0.0023	7.79	0.50 - 1.70
7-00168	70276	Pu-238	-0.0008 U	0.0145	0.0026	0.0415	0.50 - 1.70
7-00168	70276	Pu-239/240	-0.0048 U	0.02	0.0035	0.0404	0.50 - 1.70
7-00168	70276	Pu-244	0.0092	0.005	0.0041	0.0313	0.50 - 1.70
7-00168	70276	Sb-125	0.0106 U	0.0407	0.0121	0.354	0.50 - 1.70
7-00168	70276	Sn-126	-0.0036 U	0.0147	0.0045	0.0237	0.50 - 1.70
7-00168	70276	Sr-90	0.0666 U	0.171	0.0512	0.485	0.50 - 1.70
7-00168	70276	Th-228	1.24 L	0.0964	0.119	3.98	0.50 - 1.70
7-00168	70276	Th-229	0.0398 L	0.018	0.0164	0.145	0.50 - 1.70
7-00168	70276	Th-230	0.668 L	0.0179	0.0768	2.2	0.50 - 1.70
7-00168	70276	Th-232	1.31 L	0.0485	0.12	3.1	0.50 - 1.70
7-00168	70276	Th-234	1.4 J	0.288	0.149	3.19	0.50 - 1.70
7-00168	70276	Tl-208	0.375	0.0152	0.0212	0.937	0.50 - 1.70
7-00168	70276	Tm-171	-6.86 U	13.6	4.91	72.4	0.50 - 1.70
7-00168	70276	U-233/234	0.568 L	0.0315	0.0598	2.02	0.50 - 1.70
7-00168	70276	U-235/236	0.0645 L	0.0117	0.0172	0.151	0.50 - 1.70

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00168	70276	U-238	0.551 L	0.0222	0.0582	1.8	0.50 - 1.70
7-00169	70277	Ac-227	0.0962 J	0.182	0.0587	0.217	1.00 - 4.00
7-00169	70277	Ac-228	1.09	0.0916	0.0515	2.4	1.00 - 4.00
7-00169	70277	Am-241	0.0024	0.0065	0.0024	0.0454	1.00 - 4.00
7-00169	70277	Bi-212	0.788	0.128	0.0708	2.15	1.00 - 4.00
7-00169	70277	Bi-214	0.825	0.0266	0.0433	1.59	1.00 - 4.00
7-00169	70277	Cd-113m	43.1 U	122	42.6	3030	1.00 - 4.00
7-00169	70277	Cm-243/244	0.0031 U	0.0153	0.0038	0.0443	1.00 - 4.00
7-00169	70277	Co-60	0.0004 U	0.017	0.005	0.028	1.00 - 4.00
7-00169	70277	Cs-134	0.0062 U	0.0146	0.005	0.0864	1.00 - 4.00
7-00169	70277	Cs-137	0.0312	0.0179	0.007	0.207	1.00 - 4.00
7-00169	70277	Eu-152	-0.0329 UJ	0.0433	0.0157	0.0566	1.00 - 4.00
7-00169	70277	Eu-154	-0.0301 U	0.0889	0.0315	0.15	1.00 - 4.00
7-00169	70277	Eu-155	0.0598 JS	0.0641	0.0226	0.231	1.00 - 4.00
7-00169	70277	H-3	5.63	8.2	2.58	11.9	1.00 - 4.00
7-00169	70277	Ho-166m	0.0074 U	0.0258	0.0078	0.0432	1.00 - 4.00
7-00169	70277	K-40	21.2	0.104	1.18	32.4	1.00 - 4.00
7-00169	70277	Na-22	-0.0065 U	0.0205	0.0063	0.037	1.00 - 4.00
7-00169	70277	Nb-94	0.0061 U	0.015	0.0046	0.0214	1.00 - 4.00
7-00169	70277	Np-236	0.0005 U	0.0354	0.0104	0.047	1.00 - 4.00
7-00169	70277	Np-239	0.0239 U	0.121	0.0367	0.139	1.00 - 4.00
7-00169	70277	Pa-231	0.158 U	0.752	0.229	0.936	1.00 - 4.00
7-00169	70277	Pb-212	1.26	0.0305	0.0739	2.69	1.00 - 4.00
7-00169	70277	Pb-214	0.89	0.0321	0.0432	1.7	1.00 - 4.00
7-00169	70277	Pu-236	-0.0004 U	0.0245	0.0051	7.79	1.00 - 4.00
7-00169	70277	Pu-238	0.0003 U	0.0266	0.006	0.0415	1.00 - 4.00
7-00169	70277	Pu-239/240	0.0087	0.0169	0.0056	0.0404	1.00 - 4.00
7-00169	70277	Pu-244	0.0007 U	0.0169	0.0033	0.0313	1.00 - 4.00
7-00169	70277	Sb-125	0.0283 JS	0.0439	0.0141	0.354	1.00 - 4.00
7-00169	70277	Sn-126	0.0062 U	0.0164	0.005	0.0237	1.00 - 4.00
7-00169	70277	Sr-90	0.0224 U	0.217	0.0598	0.485	1.00 - 4.00
7-00169	70277	Th-228	1.33	0.108	0.128	3.98	1.00 - 4.00
7-00169	70277	Th-229	0 U	0.0645	0.0139	0.145	1.00 - 4.00
7-00169	70277	Th-230	0.922	0.051	0.0967	2.2	1.00 - 4.00
7-00169	70277	Th-232	1.14	0.0642	0.112	3.1	1.00 - 4.00
7-00169	70277	Th-234	1.01 J	0.268	0.121	3.19	1.00 - 4.00
7-00169	70277	Tl-208	0.397	0.0157	0.0231	0.937	1.00 - 4.00
7-00169	70277	Tm-171	-3.37 U	11.8	4.24	72.4	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00169	70277	U-233/234	1.06	0.0487	0.114	2.02	1.00 - 4.00
7-00169	70277	U-235/236	0.0556	0.0486	0.0227	0.151	1.00 - 4.00
7-00169	70277	U-238	0.928	0.0393	0.103	1.8	1.00 - 4.00
7-00170	70278	Ac-227	0.0239 U	0.202	0.0606	0.217	1.00 - 5.00
7-00170	70278	Ac-228	1.19	0.0918	0.0606	2.4	1.00 - 5.00
7-00170	70278	Am-241	0.0021	0.0056	0.0021	0.0454	1.00 - 5.00
7-00170	70278	Bi-212	0.88	0.129	0.0718	2.15	1.00 - 5.00
7-00170	70278	Bi-214	0.985	0.0283	0.0466	1.59	1.00 - 5.00
7-00170	70278	Cd-113m	-118 UJ	131	52.6	3030	1.00 - 5.00
7-00170	70278	Cm-243/244	-0.0045 U	0.0189	0.0033	0.0443	1.00 - 5.00
7-00170	70278	Co-60	0.007 U	0.0177	0.0052	0.028	1.00 - 5.00
7-00170	70278	Cs-134	0.0046 U	0.0143	0.0049	0.0864	1.00 - 5.00
7-00170	70278	Cs-137	0.0031 U	0.0161	0.0055	0.207	1.00 - 5.00
7-00170	70278	Eu-152	-0.0419 U	0.049	0.0287	0.0566	1.00 - 5.00
7-00170	70278	Eu-154	-0.0046 U	0.0934	0.0326	0.15	1.00 - 5.00
7-00170	70278	Eu-155	0.0625 JS	0.0745	0.0258	0.231	1.00 - 5.00
7-00170	70278	H-3	-0.171 U	7.93	2.19	11.9	1.00 - 5.00
7-00170	70278	Ho-166m	-0.0073 U	0.0247	0.0076	0.0432	1.00 - 5.00
7-00170	70278	K-40	22.5	0.121	1.47	32.4	1.00 - 5.00
7-00170	70278	Na-22	-0.0081 U	0.0205	0.0064	0.037	1.00 - 5.00
7-00170	70278	Nb-94	0.0087 JS	0.015	0.0048	0.0214	1.00 - 5.00
7-00170	70278	Np-236	0.0185 U	0.0403	0.0141	0.047	1.00 - 5.00
7-00170	70278	Np-239	0.031 U	0.136	0.0411	0.139	1.00 - 5.00
7-00170	70278	Pa-231	-0.177 U	0.838	0.282	0.936	1.00 - 5.00
7-00170	70278	Pb-212	1.39	0.0348	0.0928	2.69	1.00 - 5.00
7-00170	70278	Pb-214	1.08	0.0346	0.0551	1.7	1.00 - 5.00
7-00170	70278	Pu-236	-0.0084 U	0.0428	0.0094	7.79	1.00 - 5.00
7-00170	70278	Pu-238	0.0118 U	0.0365	0.0105	0.0415	1.00 - 5.00
7-00170	70278	Pu-239/240	0.0056	0.0076	0.004	0.0404	1.00 - 5.00
7-00170	70278	Pu-244	0.0028	0.0076	0.0028	0.0313	1.00 - 5.00
7-00170	70278	Sb-125	0.0135 U	0.0444	0.0137	0.354	1.00 - 5.00
7-00170	70278	Sn-126	0.0021 U	0.0161	0.0047	0.0237	1.00 - 5.00
7-00170	70278	Sr-90	0.235	0.232	0.0807	0.485	1.00 - 5.00
7-00170	70278	Th-228	1.29	0.102	0.129	3.98	1.00 - 5.00
7-00170	70278	Th-229	0.0221 U	0.0794	0.0222	0.145	1.00 - 5.00
7-00170	70278	Th-230	0.787	0.0792	0.0913	2.2	1.00 - 5.00
7-00170	70278	Th-232	1.11	0.054	0.113	3.1	1.00 - 5.00
7-00170	70278	Th-234	1.13 J	0.322	0.152	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00170	70278	Tl-208	0.409	0.0162	0.0237	0.937	1.00 - 5.00
7-00170	70278	Tm-171	-9.01 U	16	6.1	72.4	1.00 - 5.00
7-00170	70278	U-233/234	0.888	0.0502	0.0935	2.02	1.00 - 5.00
7-00170	70278	U-235/236	0.053	0.0488	0.0209	0.151	1.00 - 5.00
7-00170	70278	U-238	0.785	0.0453	0.0853	1.8	1.00 - 5.00
7-00171	70279	Ac-227	-0.0133 U	0.151	0.0445	0.217	1.00 - 5.00
7-00171	70279	Ac-228	1.08	0.0766	0.051	2.4	1.00 - 5.00
7-00171	70279	Am-241	0.0099	0.0148	0.0055	0.0454	1.00 - 5.00
7-00171	70279	Bi-212	0.694	0.104	0.0587	2.15	1.00 - 5.00
7-00171	70279	Bi-214	0.883	0.0225	0.041	1.59	1.00 - 5.00
7-00171	70279	Cd-113m	5.22 U	101	30.6	3030	1.00 - 5.00
7-00171	70279	Cm-243/244	-0.0004 U	0.021	0.0044	0.0443	1.00 - 5.00
7-00171	70279	Co-60	0.0042 U	0.0149	0.0043	0.028	1.00 - 5.00
7-00171	70279	Cs-134	0.0021 U	0.0112	0.0039	0.0864	1.00 - 5.00
7-00171	70279	Cs-137	-0.0008 U	0.0137	0.004	0.207	1.00 - 5.00
7-00171	70279	Eu-152	0.0077 U	0.0367	0.0118	0.0566	1.00 - 5.00
7-00171	70279	Eu-154	0.0081 U	0.0794	0.027	0.15	1.00 - 5.00
7-00171	70279	Eu-155	0.0803 JS	0.0516	0.0242	0.231	1.00 - 5.00
7-00171	70279	H-3	3.22 U	8.83	2.66	11.9	1.00 - 5.00
7-00171	70279	Ho-166m	-0.0066 U	0.021	0.0064	0.0432	1.00 - 5.00
7-00171	70279	K-40	21.3	0.0982	1.2	32.4	1.00 - 5.00
7-00171	70279	Na-22	0.0008 U	0.0164	0.0049	0.037	1.00 - 5.00
7-00171	70279	Nb-94	0.0005 U	0.012	0.0035	0.0214	1.00 - 5.00
7-00171	70279	Np-236	-0.0061 UJ	0.0289	0.009	0.047	1.00 - 5.00
7-00171	70279	Np-239	0.0014 U	0.102	0.0297	0.139	1.00 - 5.00
7-00171	70279	Pa-231	0.285 U	0.641	0.204	0.936	1.00 - 5.00
7-00171	70279	Pb-212	1.17	0.0259	0.0704	2.69	1.00 - 5.00
7-00171	70279	Pb-214	0.911	0.0266	0.0442	1.7	1.00 - 5.00
7-00171	70279	Pu-238	0.004 UJ	0.02	0.005	0.0415	1.00 - 5.00
7-00171	70279	Pu-239/240	0.0035 UJ	0.0315	0.0077	0.0404	1.00 - 5.00
7-00171	70279	Pu-244	0.0067 UJ	0.0315	0.0084	0.0313	1.00 - 5.00
7-00171	70279	Sb-125	0.0056 U	0.0336	0.0101	0.354	1.00 - 5.00
7-00171	70279	Sn-126	-0.0018 U	0.0136	0.004	0.0237	1.00 - 5.00
7-00171	70279	Sr-90	0.0684 U	0.142	0.0439	0.485	1.00 - 5.00
7-00171	70279	Th-228	1.02	0.0873	0.104	3.98	1.00 - 5.00
7-00171	70279	Th-229	0.0066 U	0.0706	0.0173	0.145	1.00 - 5.00
7-00171	70279	Th-230	0.843	0.0607	0.0902	2.2	1.00 - 5.00
7-00171	70279	Th-232	1.06	0.048	0.104	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00171	70279	Th-234	1.21	0.22	0.121	3.19	1.00 - 5.00
7-00171	70279	Tl-208	0.366	0.0125	0.0211	0.937	1.00 - 5.00
7-00171	70279	Tm-171	-0.774 U	8.48	2.86	72.4	1.00 - 5.00
7-00171	70279	U-233/234	0.854	0.0399	0.0871	2.02	1.00 - 5.00
7-00171	70279	U-235/236	0.0381	0.0148	0.0147	0.151	1.00 - 5.00
7-00171	70279	U-238	0.674	0.0119	0.0729	1.8	1.00 - 5.00
7-00172	70280	Ac-227	-0.051 U	0.192	0.0605	0.217	1.00 - 5.00
7-00172	70280	Ac-228	1.2	0.0883	0.0597	2.4	1.00 - 5.00
7-00172	70280	Am-241	0.0047	0.0064	0.0034	0.0454	1.00 - 5.00
7-00172	70280	Bi-212	0.694	0.12	0.0666	2.15	1.00 - 5.00
7-00172	70280	Bi-214	0.867	0.0285	0.041	1.59	1.00 - 5.00
7-00172	70280	Cd-113m	27.7 U	129	41.1	3030	1.00 - 5.00
7-00172	70280	Cm-243/244	0.0047	0.0064	0.0034	0.0443	1.00 - 5.00
7-00172	70280	Co-60	-0.0067 U	0.0153	0.0049	0.028	1.00 - 5.00
7-00172	70280	Cs-134	0.0031 U	0.0136	0.0047	0.0864	1.00 - 5.00
7-00172	70280	Cs-137	0.0059 U	0.0158	0.0055	0.207	1.00 - 5.00
7-00172	70280	Eu-152	-0.0184 U	0.0453	0.017	0.0566	1.00 - 5.00
7-00172	70280	Eu-154	-0.027 U	0.0907	0.0276	0.15	1.00 - 5.00
7-00172	70280	Eu-155	0.0361 SJ	0.0712	0.0227	0.231	1.00 - 5.00
7-00172	70280	H-3	0.57 U	6.94	1.87	11.9	1.00 - 5.00
7-00172	70280	Ho-166m	0.0031 U	0.025	0.0075	0.0432	1.00 - 5.00
7-00172	70280	K-40	22.9	0.135	1.39	32.4	1.00 - 5.00
7-00172	70280	Na-22	0.0011 U	0.0193	0.0057	0.037	1.00 - 5.00
7-00172	70280	Nb-94	-0.0007 U	0.014	0.0042	0.0214	1.00 - 5.00
7-00172	70280	Np-236	-0.0132 U	0.038	0.0119	0.047	1.00 - 5.00
7-00172	70280	Np-239	0.0027 U	0.129	0.0394	0.139	1.00 - 5.00
7-00172	70280	Pa-231	-0.02 U	0.815	0.26	0.936	1.00 - 5.00
7-00172	70280	Pb-212	1.27	0.0327	0.078	2.69	1.00 - 5.00
7-00172	70280	Pb-214	0.916	0.0332	0.0442	1.7	1.00 - 5.00
7-00172	70280	Pu-236	0.0043	0.0116	0.0043	7.79	1.00 - 5.00
7-00172	70280	Pu-238	0.0082 UJ	0.0517	0.0136	0.0415	1.00 - 5.00
7-00172	70280	Pu-239/240	0.0053 UJ	0.0266	0.0066	0.0404	1.00 - 5.00
7-00172	70280	Pu-244	-0.003 UJ	0.0266	0.0051	0.0313	1.00 - 5.00
7-00172	70280	Sb-125	0.0032 U	0.043	0.0126	0.354	1.00 - 5.00
7-00172	70280	Sn-126	0.0047 U	0.0163	0.0049	0.0237	1.00 - 5.00
7-00172	70280	Sr-90	0.103 U	0.212	0.0655	0.485	1.00 - 5.00
7-00172	70280	Th-228	1.22	0.0653	0.118	3.98	1.00 - 5.00
7-00172	70280	Th-229	0.0406	0.0183	0.0168	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00172	70280	Th-230	0.864	0.0183	0.0916	2.2	1.00 - 5.00
7-00172	70280	Th-232	0.943	0.0496	0.0973	3.1	1.00 - 5.00
7-00172	70280	Th-234	1.41 J	0.36	0.363	3.19	1.00 - 5.00
7-00172	70280	Tl-208	0.373	0.0154	0.0216	0.937	1.00 - 5.00
7-00172	70280	Tm-171	-7.53 U	14.3	4.63	72.4	1.00 - 5.00
7-00172	70280	U-233/234	0.901	0.0411	0.0954	2.02	1.00 - 5.00
7-00172	70280	U-235/236	0.0515	0.0175	0.0186	0.151	1.00 - 5.00
7-00172	70280	U-238	0.83	0.0332	0.0896	1.8	1.00 - 5.00
7-00173	70281	Ac-227	-0.0326 U	0.22	0.0654	0.217	0.00 - 0.50
7-00173	70281	Ac-228	1.19	0.128	0.0608	2.4	0.00 - 0.50
7-00173	70281	Am-241	0.0041 U	0.021	0.0053	0.0454	0.00 - 0.50
7-00173	70281	Bi-212	0.722 J	0.171	0.0918	2.15	0.00 - 0.50
7-00173	70281	Bi-214	0.951	0.0406	0.0489	1.59	0.00 - 0.50
7-00173	70281	Cd-113m	-39.2 U	149	45.2	3030	0.00 - 0.50
7-00173	70281	Cm-243/244	-0.0012 U	0.021	0.0038	0.0443	0.00 - 0.50
7-00173	70281	Co-60	0.0014 U	0.0245	0.007	0.028	0.00 - 0.50
7-00173	70281	Cs-134	-0.0005 U	0.0199	0.0066	0.0864	0.00 - 0.50
7-00173	70281	Cs-137	0.0299	0.022	0.0065	0.207	0.00 - 0.50
7-00173	70281	Eu-152	0.0023 UJ	0.0565	0.0192	0.0566	0.00 - 0.50
7-00173	70281	Eu-154	-0.0083 U	0.129	0.0388	0.15	0.00 - 0.50
7-00173	70281	Eu-155	0.0488 JS	0.0749	0.0253	0.231	0.00 - 0.50
7-00173	70281	H-3	1.69 U	9.22	2.76	11.9	0.00 - 0.50
7-00173	70281	Ho-166m	-0.0018 U	0.0354	0.0104	0.0432	0.00 - 0.50
7-00173	70281	K-40	17.8	0.172	1.03	32.4	0.00 - 0.50
7-00173	70281	Na-22	-0.0123 U	0.0263	0.0085	0.037	0.00 - 0.50
7-00173	70281	Nb-94	-0.0077 U	0.0195	0.0062	0.0214	0.00 - 0.50
7-00173	70281	Np-236	0.0112 U	0.0395	0.0123	0.047	0.00 - 0.50
7-00173	70281	Np-239	0.0361 U	0.148	0.0439	0.139	0.00 - 0.50
7-00173	70281	Pa-231	-0.0215 U	0.918	0.272	0.936	0.00 - 0.50
7-00173	70281	Pb-212	1.3	0.0379	0.0767	2.69	0.00 - 0.50
7-00173	70281	Pb-214	1.07	0.0404	0.0533	1.7	0.00 - 0.50
7-00173	70281	Pu-236	0.0019 U	0.0208	0.0049	7.79	0.00 - 0.50
7-00173	70281	Pu-238	-0.0016 U	0.0142	0.0027	0.0415	0.00 - 0.50
7-00173	70281	Pu-239/240	0.0035 U	0.0175	0.0045	0.0404	0.00 - 0.50
7-00173	70281	Pu-244	0.0045	0.006	0.0032	0.0313	0.00 - 0.50
7-00173	70281	Sb-125	0.0106 U	0.0552	0.0166	0.354	0.00 - 0.50
7-00173	70281	Sn-126	-0.0052 U	0.0219	0.0066	0.0237	0.00 - 0.50
7-00173	70281	Sr-90	0.0559 U	0.397	0.113	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00173	70281	Th-228	1.45	0.0268	0.15	3.98	0.00 - 0.50
7-00173	70281	Th-229	0.0188 U	0.0874	0.0231	0.145	0.00 - 0.50
7-00173	70281	Th-230	1.06	0.0691	0.12	2.2	0.00 - 0.50
7-00173	70281	Th-232	1.46	0.0254	0.148	3.1	0.00 - 0.50
7-00173	70281	Th-234	1.3 J	0.298	0.16	3.19	0.00 - 0.50
7-00173	70281	Tl-208	0.413	0.0203	0.0269	0.937	0.00 - 0.50
7-00173	70281	Tm-171	-5.49 U	13	4.6	72.4	0.00 - 0.50
7-00173	70281	U-233/234	0.955	0.0369	0.0927	2.02	0.00 - 0.50
7-00173	70281	U-235/236	0.0806	0.0136	0.0209	0.151	0.00 - 0.50
7-00173	70281	U-238	1.1	0.0321	0.103	1.8	0.00 - 0.50
7-00173	70282	Ac-227	-0.0268 U	0.172	0.0534	0.217	1.00 - 2.00
7-00173	70282	Ac-228	1.15	0.0868	0.0551	2.4	1.00 - 2.00
7-00173	70282	Am-241	0.0055 U	0.0175	0.005	0.0454	1.00 - 2.00
7-00173	70282	Bi-212	0.779	0.119	0.0708	2.15	1.00 - 2.00
7-00173	70282	Bi-214	1.07	0.0264	0.05	1.59	1.00 - 2.00
7-00173	70282	Cd-113m	-20.8 U	115	37.6	3030	1.00 - 2.00
7-00173	70282	Cm-243/244	0.0083	0.0123	0.0046	0.0443	1.00 - 2.00
7-00173	70282	Co-60	-0.0066 U	0.0155	0.0051	0.028	1.00 - 2.00
7-00173	70282	Cs-134	0.0027 U	0.0138	0.0047	0.0864	1.00 - 2.00
7-00173	70282	Cs-137	0.0091 J	0.0158	0.0056	0.207	1.00 - 2.00
7-00173	70282	Eu-152	-0.0134 U	0.0414	0.013	0.0566	1.00 - 2.00
7-00173	70282	Eu-154	-0.0619 UJ	0.0883	0.0309	0.15	1.00 - 2.00
7-00173	70282	Eu-155	0.0704 JS	0.0593	0.0247	0.231	1.00 - 2.00
7-00173	70282	H-3	3.45	7.51	2.28	11.9	1.00 - 2.00
7-00173	70282	Ho-166m	-0.0033 U	0.0233	0.0072	0.0432	1.00 - 2.00
7-00173	70282	K-40	21.1	0.118	1.2	32.4	1.00 - 2.00
7-00173	70282	Na-22	-0.0122 U	0.0189	0.0066	0.037	1.00 - 2.00
7-00173	70282	Nb-94	0.0084 JS	0.0144	0.0047	0.0214	1.00 - 2.00
7-00173	70282	Np-236	-0.0079 U	0.0322	0.0097	0.047	1.00 - 2.00
7-00173	70282	Np-239	-0.0124 U	0.116	0.0354	0.139	1.00 - 2.00
7-00173	70282	Pa-231	0.0635 U	0.697	0.214	0.936	1.00 - 2.00
7-00173	70282	Pb-212	1.28	0.0299	0.0765	2.69	1.00 - 2.00
7-00173	70282	Pb-214	1.12	0.03	0.0525	1.7	1.00 - 2.00
7-00173	70282	Pu-236	-0.0027 U	0.0208	0.0037	7.79	1.00 - 2.00
7-00173	70282	Pu-238	0.0006 U	0.0143	0.0028	0.0415	1.00 - 2.00
7-00173	70282	Pu-239/240	0.0013 U	0.0177	0.0039	0.0404	1.00 - 2.00
7-00173	70282	Pu-244	0.0022	0.0061	0.0022	0.0313	1.00 - 2.00
7-00173	70282	Sb-125	0.0125 U	0.0406	0.0121	0.354	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00173	70282	Sn-126	-0.0089 U	0.0148	0.0051	0.0237	1.00 - 2.00
7-00173	70282	Sr-90	0.929	0.258	0.144	0.485	1.00 - 2.00
7-00173	70282	Th-228	1.02 L	0.109	0.108	3.98	1.00 - 2.00
7-00173	70282	Th-229	0.0704 L	0.0518	0.0247	0.145	1.00 - 2.00
7-00173	70282	Th-230	1.01 L	0.0517	0.103	2.2	1.00 - 2.00
7-00173	70282	Th-232	1.03 L	0.019	0.104	3.1	1.00 - 2.00
7-00173	70282	Th-234	1.52	0.262	0.151	3.19	1.00 - 2.00
7-00173	70282	Tl-208	0.382	0.0149	0.0226	0.937	1.00 - 2.00
7-00173	70282	Tm-171	-4.82 U	12.1	4.38	72.4	1.00 - 2.00
7-00173	70282	U-233/234	1.05	0.0586	0.129	2.02	1.00 - 2.00
7-00173	70282	U-235/236	0.0455	0.0308	0.023	0.151	1.00 - 2.00
7-00173	70282	U-238	1.12	0.0249	0.135	1.8	1.00 - 2.00
7-00174	70283	Ac-227	0.0117 U	0.161	0.0469	0.217	1.00 - 2.00
7-00174	70283	Ac-228	1.12	0.077	0.0535	2.4	1.00 - 2.00
7-00174	70283	Am-241	0.0017 U	0.0298	0.0073	0.0454	1.00 - 2.00
7-00174	70283	Bi-212	0.775	0.104	0.0649	2.15	1.00 - 2.00
7-00174	70283	Bi-214	0.869	0.0243	0.0402	1.59	1.00 - 2.00
7-00174	70283	Cd-113m	-1.23 U	104	30.2	3030	1.00 - 2.00
7-00174	70283	Cm-243/244	0.0083 U	0.0335	0.0093	0.0443	1.00 - 2.00
7-00174	70283	Co-60	0.0079 J	0.0148	0.0046	0.028	1.00 - 2.00
7-00174	70283	Cs-134	0.0011 U	0.0122	0.0042	0.0864	1.00 - 2.00
7-00174	70283	Cs-137	0.0521 J	0.0137	0.0074	0.207	1.00 - 2.00
7-00174	70283	Eu-152	-0.0285 UJ	0.0374	0.0135	0.0566	1.00 - 2.00
7-00174	70283	Eu-154	-0.0305 U	0.081	0.0254	0.15	1.00 - 2.00
7-00174	70283	Eu-155	0.0343 JS	0.0573	0.0189	0.231	1.00 - 2.00
7-00174	70283	H-3	2.39 U	8.41	2.44	11.9	1.00 - 2.00
7-00174	70283	Ho-166m	0.0001 U	0.0212	0.0064	0.0432	1.00 - 2.00
7-00174	70283	K-40	19.5	0.108	1.09	32.4	1.00 - 2.00
7-00174	70283	Na-22	-0.0017 U	0.017	0.0051	0.037	1.00 - 2.00
7-00174	70283	Nb-94	0.0038 U	0.0127	0.0039	0.0214	1.00 - 2.00
7-00174	70283	Np-236	-0.0049 U	0.0304	0.0093	0.047	1.00 - 2.00
7-00174	70283	Np-239	0.0035 U	0.107	0.0333	0.139	1.00 - 2.00
7-00174	70283	Pa-231	-0.125 U	0.649	0.193	0.936	1.00 - 2.00
7-00174	70283	Pb-212	1.29	0.0275	0.076	2.69	1.00 - 2.00
7-00174	70283	Pb-214	0.948	0.0277	0.0451	1.7	1.00 - 2.00
7-00174	70283	Pu-236	0.0008 U	0.0423	0.0103	7.79	1.00 - 2.00
7-00174	70283	Pu-238	0.0061 U	0.0388	0.0102	0.0415	1.00 - 2.00
7-00174	70283	Pu-239/240	0.0103	0.0199	0.0067	0.0404	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00174	70283	Pu-244	0.0009 U	0.0199	0.0039	0.0313	1.00 - 2.00
7-00174	70283	Sb-125	-0.0102 U	0.0362	0.0111	0.354	1.00 - 2.00
7-00174	70283	Sn-126	-0.0039 U	0.0138	0.0044	0.0237	1.00 - 2.00
7-00174	70283	Sr-90	1.3	0.331	0.195	0.485	1.00 - 2.00
7-00174	70283	Th-228	1.32	0.11	0.14	3.98	1.00 - 2.00
7-00174	70283	Th-229	0.0087 UJ	0.0941	0.0231	0.145	1.00 - 2.00
7-00174	70283	Th-230	0.758	0.0236	0.094	2.2	1.00 - 2.00
7-00174	70283	Th-232	1.15	0.0236	0.123	3.1	1.00 - 2.00
7-00174	70283	Th-234	1.16 J	0.235	0.13	3.19	1.00 - 2.00
7-00174	70283	Tl-208	0.375	0.0138	0.0213	0.937	1.00 - 2.00
7-00174	70283	Tm-171	0.0432 U	10.5	3.49	72.4	1.00 - 2.00
7-00174	70283	U-233/234	0.716	0.0509	0.0834	2.02	1.00 - 2.00
7-00174	70283	U-235/236	0.0575	0.0443	0.0219	0.151	1.00 - 2.00
7-00174	70283	U-238	0.747	0.0152	0.0852	1.8	1.00 - 2.00
7-00175	70284	Ac-227	0.0237 U	0.218	0.067	0.217	0.00 - 0.50
7-00175	70284	Ac-228	1.3	0.14	0.0646	2.4	0.00 - 0.50
7-00175	70284	Am-241	0.0095 UJ	0.0599	0.0158	0.0454	0.00 - 0.50
7-00175	70284	Bi-212	0.945 J	0.186	0.105	2.15	0.00 - 0.50
7-00175	70284	Bi-214	1.07	0.0417	0.055	1.59	0.00 - 0.50
7-00175	70284	Cd-113m	-28.6 U	141	44.4	3030	0.00 - 0.50
7-00175	70284	Cm-243/244	0.0194	0.0132	0.0098	0.0443	0.00 - 0.50
7-00175	70284	Co-60	-0.0015 U	0.0265	0.0076	0.028	0.00 - 0.50
7-00175	70284	Cs-134	0.0003 U	0.0214	0.0074	0.0864	0.00 - 0.50
7-00175	70284	Cs-137	0.0356	0.0228	0.0087	0.207	0.00 - 0.50
7-00175	70284	Eu-152	-0.0398 UJ	0.0548	0.019	0.0566	0.00 - 0.50
7-00175	70284	Eu-154	-0.0021 U	0.141	0.0416	0.15	0.00 - 0.50
7-00175	70284	Eu-155	0.0829 JS	0.0612	0.0249	0.231	0.00 - 0.50
7-00175	70284	Ho-166m	0.0041 U	0.0382	0.0109	0.0432	0.00 - 0.50
7-00175	70284	K-40	22.7	0.223	1.26	32.4	0.00 - 0.50
7-00175	70284	Na-22	-0.0112 U	0.0309	0.0095	0.037	0.00 - 0.50
7-00175	70284	Nb-94	0.0018 U	0.0222	0.0064	0.0214	0.00 - 0.50
7-00175	70284	Np-236	-0.0173 U	0.0342	0.011	0.047	0.00 - 0.50
7-00175	70284	Np-239	-0.0114 U	0.14	0.043	0.139	0.00 - 0.50
7-00175	70284	Pa-231	0.425 UJ	0.924	0.296	0.936	0.00 - 0.50
7-00175	70284	Pb-212	1.47	0.0365	0.0835	2.69	0.00 - 0.50
7-00175	70284	Pb-214	1.12	0.042	0.0538	1.7	0.00 - 0.50
7-00175	70284	Pu-236	-0.0085 UJ	0.0427	0.0083	7.79	0.00 - 0.50
7-00175	70284	Pu-238	0.0136	0.0321	0.0098	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00175	70284	Pu-239/240	-0.0076 UJ	0.032	0.0057	0.0404	0.00 - 0.50
7-00175	70284	Pu-244	0	0.0096	0.0035	0.0313	0.00 - 0.50
7-00175	70284	Sb-125	-0.0125 U	0.0562	0.017	0.354	0.00 - 0.50
7-00175	70284	Sn-126	-0.0034 U	0.0236	0.0069	0.0237	0.00 - 0.50
7-00175	70284	Sr-90	-0.0418 U	0.283	0.0735	0.485	0.00 - 0.50
7-00175	70284	Th-228	1.34	0.075	0.132	3.98	0.00 - 0.50
7-00175	70284	Th-229	0.0611	0.0562	0.0244	0.145	0.00 - 0.50
7-00175	70284	Th-230	0.785	0.0206	0.0904	2.2	0.00 - 0.50
7-00175	70284	Th-232	1.29	0.0559	0.126	3.1	0.00 - 0.50
7-00175	70284	Th-234	1.41	0.246	0.134	3.19	0.00 - 0.50
7-00175	70284	Tl-208	0.494	0.0226	0.0305	0.937	0.00 - 0.50
7-00175	70284	Tm-171	1.45 U	8.11	2.6	72.4	0.00 - 0.50
7-00175	70284	U-233/234	0.633	0.0158	0.0767	2.02	0.00 - 0.50
7-00175	70284	U-235/236	0.0432	0.0195	0.0179	0.151	0.00 - 0.50
7-00175	70284	U-238	0.772	0.046	0.0886	1.8	0.00 - 0.50
7-00175	70285	Ac-227	0.0308 U	0.172	0.051	0.217	1.00 - 5.00
7-00175	70285	Ac-228	1.14	0.0907	0.0539	2.4	1.00 - 5.00
7-00175	70285	Am-241	-0.0045 U	0.0291	0.0065	0.0454	1.00 - 5.00
7-00175	70285	Bi-212	0.781	0.121	0.0771	2.15	1.00 - 5.00
7-00175	70285	Bi-214	0.991	0.0287	0.0464	1.59	1.00 - 5.00
7-00175	70285	Cd-113m	7.69 U	113	37.6	3030	1.00 - 5.00
7-00175	70285	Cm-243/244	-0.0021 U	0.0254	0.0057	0.0443	1.00 - 5.00
7-00175	70285	Co-60	0.0023 U	0.017	0.005	0.028	1.00 - 5.00
7-00175	70285	Cs-134	0.0078 JS	0.0142	0.005	0.0864	1.00 - 5.00
7-00175	70285	Cs-137	0.0095 J	0.0168	0.0059	0.207	1.00 - 5.00
7-00175	70285	Eu-152	-0.0076 U	0.0426	0.0134	0.0566	1.00 - 5.00
7-00175	70285	Eu-154	0.013 U	0.0972	0.028	0.15	1.00 - 5.00
7-00175	70285	Eu-155	0.0632 JS	0.0596	0.0249	0.231	1.00 - 5.00
7-00175	70285	Ho-166m	0.0015 U	0.0249	0.0073	0.0432	1.00 - 5.00
7-00175	70285	K-40	20.8	0.115	1.13	32.4	1.00 - 5.00
7-00175	70285	Na-22	-0.0083 U	0.0193	0.0062	0.037	1.00 - 5.00
7-00175	70285	Nb-94	0.0048 U	0.0149	0.0045	0.0214	1.00 - 5.00
7-00175	70285	Np-236	-0.0002 U	0.0326	0.0099	0.047	1.00 - 5.00
7-00175	70285	Np-239	0.0062 U	0.114	0.0335	0.139	1.00 - 5.00
7-00175	70285	Pa-231	-0.0597 U	0.708	0.218	0.936	1.00 - 5.00
7-00175	70285	Pb-212	1.21	0.0289	0.0695	2.69	1.00 - 5.00
7-00175	70285	Pb-214	0.998	0.0307	0.0477	1.7	1.00 - 5.00
7-00175	70285	Pu-236	-0.0045 U	0.0303	0.006	7.79	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00175	70285	Pu-238	0.005 U	0.0247	0.0064	0.0415	1.00 - 5.00
7-00175	70285	Pu-239/240	-0.002 U	0.0174	0.0034	0.0404	1.00 - 5.00
7-00175	70285	Pu-244	0.0055	0.0074	0.0039	0.0313	1.00 - 5.00
7-00175	70285	Sb-125	-0.0059 U	0.0401	0.0123	0.354	1.00 - 5.00
7-00175	70285	Sn-126	-0.0021 U	0.0163	0.0048	0.0237	1.00 - 5.00
7-00175	70285	Sr-90	0.232	0.189	0.0677	0.485	1.00 - 5.00
7-00175	70285	Th-228	1.23	0.116	0.126	3.98	1.00 - 5.00
7-00175	70285	Th-229	0.0453	0.0702	0.0241	0.145	1.00 - 5.00
7-00175	70285	Th-230	0.897	0.0812	0.101	2.2	1.00 - 5.00
7-00175	70285	Th-232	0.969	0.0698	0.105	3.1	1.00 - 5.00
7-00175	70285	Th-234	1.6	0.257	0.144	3.19	1.00 - 5.00
7-00175	70285	Tl-208	0.382	0.0154	0.0226	0.937	1.00 - 5.00
7-00175	70285	Tm-171	-7.97 UJ	10.1	3.9	72.4	1.00 - 5.00
7-00175	70285	U-233/234	0.804	0.0498	0.0936	2.02	1.00 - 5.00
7-00175	70285	U-235/236	0.0624	0.0211	0.0226	0.151	1.00 - 5.00
7-00175	70285	U-238	0.968	0.0402	0.107	1.8	1.00 - 5.00
7-00176	70286	Ac-227	0.0168 U	0.18	0.0544	0.217	0.00 - 0.50
7-00176	70286	Ac-228	0.857	0.0864	0.0448	2.4	0.00 - 0.50
7-00176	70286	Am-241	0.0012 U	0.0266	0.0052	0.0454	0.00 - 0.50
7-00176	70286	Bi-212	0.553	0.11	0.0549	2.15	0.00 - 0.50
7-00176	70286	Bi-214	0.941	0.0268	0.0448	1.59	0.00 - 0.50
7-00176	70286	Cd-113m	10.7 U	118	37.1	3030	0.00 - 0.50
7-00176	70286	Cm-243/244	0.0096	0.0267	0.0079	0.0443	0.00 - 0.50
7-00176	70286	Co-60	-0.0013 U	0.0158	0.0048	0.028	0.00 - 0.50
7-00176	70286	Cs-134	-0.0016 U	0.0139	0.0048	0.0864	0.00 - 0.50
7-00176	70286	Cs-137	1.21	0.0163	0.0654	0.207	0.00 - 0.50
7-00176	70286	Eu-152	0.0466 J	0.0451	0.0211	0.0566	0.00 - 0.50
7-00176	70286	Eu-154	-0.0103 U	0.0892	0.0264	0.15	0.00 - 0.50
7-00176	70286	Eu-155	0.0013 U	0.0598	0.0175	0.231	0.00 - 0.50
7-00176	70286	Ho-166m	-0.0018 U	0.0226	0.0068	0.0432	0.00 - 0.50
7-00176	70286	K-40	23.1	0.1	1.37	32.4	0.00 - 0.50
7-00176	70286	Na-22	0.0097 J	0.0194	0.0069	0.037	0.00 - 0.50
7-00176	70286	Nb-94	-0.0004 U	0.0124	0.0037	0.0214	0.00 - 0.50
7-00176	70286	Np-236	-0.0062 U	0.0319	0.0095	0.047	0.00 - 0.50
7-00176	70286	Np-239	-0.0214 U	0.117	0.0358	0.139	0.00 - 0.50
7-00176	70286	Pa-231	-0.274 U	0.736	0.236	0.936	0.00 - 0.50
7-00176	70286	Pb-212	0.955	0.0306	0.0593	2.69	0.00 - 0.50
7-00176	70286	Pb-214	1.07	0.0314	0.0526	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00176	70286	Pu-236	0.0155	0.0378	0.0114	7.79	0.00 - 0.50
7-00176	70286	Pu-238	0.0181 U	0.0451	0.0135	0.0415	0.00 - 0.50
7-00176	70286	Pu-239/240	-0.0042 U	0.0329	0.0058	0.0404	0.00 - 0.50
7-00176	70286	Pu-244	-0.0026 U	0.0232	0.0045	0.0313	0.00 - 0.50
7-00176	70286	Sb-125	-0.0291 U	0.0433	0.0147	0.354	0.00 - 0.50
7-00176	70286	Sn-126	0.0043 U	0.0145	0.0044	0.0237	0.00 - 0.50
7-00176	70286	Sr-90	0.148	0.253	0.0807	0.485	0.00 - 0.50
7-00176	70286	Th-228	1.04	0.0707	0.109	3.98	0.00 - 0.50
7-00176	70286	Th-229	0.0217	0.0196	0.0126	0.145	0.00 - 0.50
7-00176	70286	Th-230	1.02	0.0195	0.105	2.2	0.00 - 0.50
7-00176	70286	Th-232	0.977	0.0529	0.102	3.1	0.00 - 0.50
7-00176	70286	Th-234	1.18	0.246	0.109	3.19	0.00 - 0.50
7-00176	70286	Tl-208	0.294	0.0151	0.0181	0.937	0.00 - 0.50
7-00176	70286	Tm-171	0.148 U	9.97	3.49	72.4	0.00 - 0.50
7-00176	70286	U-233/234	1	0.0504	0.106	2.02	0.00 - 0.50
7-00176	70286	U-235/236	0.062	0.0187	0.0212	0.151	0.00 - 0.50
7-00176	70286	U-238	0.991	0.0151	0.104	1.8	0.00 - 0.50
7-00177	70288	Ac-227	0.0635 U	0.184	0.0568	0.217	1.00 - 4.00
7-00177	70288	Ac-228	1.11	0.0962	0.0543	2.4	1.00 - 4.00
7-00177	70288	Am-241	0.0023	0.0063	0.0023	0.0454	1.00 - 4.00
7-00177	70288	Bi-212	0.759	0.131	0.0675	2.15	1.00 - 4.00
7-00177	70288	Bi-214	0.728	0.029	0.0364	1.59	1.00 - 4.00
7-00177	70288	Cd-113m	17.7 U	121	37.8	3030	1.00 - 4.00
7-00177	70288	Cm-243/244	0.0007 U	0.0149	0.0029	0.0443	1.00 - 4.00
7-00177	70288	Co-60	0.0063 U	0.0181	0.0053	0.028	1.00 - 4.00
7-00177	70288	Cs-134	-0.001 U	0.0148	0.0051	0.0864	1.00 - 4.00
7-00177	70288	Cs-137	0.0156	0.0164	0.009	0.207	1.00 - 4.00
7-00177	70288	Eu-152	-0.0402 UJ	0.0425	0.0194	0.0566	1.00 - 4.00
7-00177	70288	Eu-154	-0.0361 U	0.0953	0.0295	0.15	1.00 - 4.00
7-00177	70288	Eu-155	0.0416 JS	0.067	0.0217	0.231	1.00 - 4.00
7-00177	70288	Ho-166m	-0.0098 U	0.0252	0.008	0.0432	1.00 - 4.00
7-00177	70288	K-40	23	0.0918	1.28	32.4	1.00 - 4.00
7-00177	70288	Na-22	-0.0153 UJ	0.0207	0.0073	0.037	1.00 - 4.00
7-00177	70288	Nb-94	0.0072 U	0.0151	0.0047	0.0214	1.00 - 4.00
7-00177	70288	Np-236	-0.0022 U	0.0354	0.0104	0.047	1.00 - 4.00
7-00177	70288	Np-239	-0.0197 U	0.121	0.0369	0.139	1.00 - 4.00
7-00177	70288	Pa-231	-0.262 U	0.753	0.239	0.936	1.00 - 4.00
7-00177	70288	Pb-212	1.25	0.0314	0.0734	2.69	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00177	70288	Pb-214	0.835	0.0318	0.0412	1.7	1.00 - 4.00
7-00177	70288	Pu-236	0.0135	0.0253	0.0082	7.79	1.00 - 4.00
7-00177	70288	Pu-238	-0.0099 U	0.0417	0.0091	0.0415	1.00 - 4.00
7-00177	70288	Pu-239/240	0.0077 U	0.0245	0.007	0.0404	1.00 - 4.00
7-00177	70288	Pu-244	0.0108	0.0073	0.0055	0.0313	1.00 - 4.00
7-00177	70288	Sb-125	0.0141 U	0.0442	0.0131	0.354	1.00 - 4.00
7-00177	70288	Sn-126	0.0037 U	0.0166	0.0049	0.0237	1.00 - 4.00
7-00177	70288	Sr-90	0.0224 U	0.154	0.0421	0.485	1.00 - 4.00
7-00177	70288	Th-228	1.12	0.101	0.121	3.98	1.00 - 4.00
7-00177	70288	Th-229	0 U	0.105	0.0253	0.145	1.00 - 4.00
7-00177	70288	Th-230	0.646	0.0859	0.084	2.2	1.00 - 4.00
7-00177	70288	Th-232	1.1	0.0585	0.116	3.1	1.00 - 4.00
7-00177	70288	Th-234	1.37 J	0.282	0.139	3.19	1.00 - 4.00
7-00177	70288	Tl-208	0.396	0.0162	0.0237	0.937	1.00 - 4.00
7-00177	70288	Tm-171	-3.86 U	12	4.34	72.4	1.00 - 4.00
7-00177	70288	U-233/234	0.698	0.0366	0.0732	2.02	1.00 - 4.00
7-00177	70288	U-235/236	0.0564	0.0318	0.0181	0.151	1.00 - 4.00
7-00177	70288	U-238	0.797	0.011	0.0803	1.8	1.00 - 4.00
7-00178	70289	Ac-227	0.117 U	0.278	0.0883	0.217	0.00 - 0.50
7-00178	70289	Ac-228	1.05	0.0927	0.0545	2.4	0.00 - 0.50
7-00178	70289	Am-241	0.0073 U	0.0293	0.0081	0.0454	0.00 - 0.50
7-00178	70289	Bi-212	0.771	0.122	0.0765	2.15	0.00 - 0.50
7-00178	70289	Bi-214	0.933	0.038	0.0449	1.59	0.00 - 0.50
7-00178	70289	C-14	0.0574 U	0.754	0.225	2.96	0.00 - 0.50
7-00178	70289	Cd-113m	-61.4 U	183	58.1	3030	0.00 - 0.50
7-00178	70289	Cm-243/244	0.0044 U	0.028	0.0074	0.0443	0.00 - 0.50
7-00178	70289	Co-60	0.0014 U	0.0165	0.0049	0.028	0.00 - 0.50
7-00178	70289	Cs-134	0.0037 U	0.0195	0.0067	0.0864	0.00 - 0.50
7-00178	70289	Cs-137	8.86 J	0.021	0.466	0.207	0.00 - 0.50
7-00178	70289	Eu-152	-0.043 U	0.0718	0.0255	0.0566	0.00 - 0.50
7-00178	70289	Eu-154	-0.059 U	0.0916	0.0312	0.15	0.00 - 0.50
7-00178	70289	Eu-155	0.0188 U	0.0819	0.0244	0.231	0.00 - 0.50
7-00178	70289	H-3	3.1 U	8.17	2.43	11.9	0.00 - 0.50
7-00178	70289	Ho-166m	0.0044 U	0.0258	0.0077	0.0432	0.00 - 0.50
7-00178	70289	K-40	22.5	0.123	1.34	32.4	0.00 - 0.50
7-00178	70289	Na-22	-0.0012 U	0.0207	0.0062	0.037	0.00 - 0.50
7-00178	70289	Nb-94	0.006 U	0.0149	0.0046	0.0214	0.00 - 0.50
7-00178	70289	Ni-59	-2.24 U	7.65	2.22	5.96	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00178	70289	Ni-63	-0.284 U	1.7	0.5	4.92	0.00 - 0.50
7-00178	70289	Np-236	-0.0015 U	0.0447	0.0132	0.047	0.00 - 0.50
7-00178	70289	Np-239	0.0501 U	0.179	0.0552	0.139	0.00 - 0.50
7-00178	70289	Pa-231	-0.207 U	1.15	0.356	0.936	0.00 - 0.50
7-00178	70289	Pb-212	1.19	0.047	0.074	2.69	0.00 - 0.50
7-00178	70289	Pb-214	1.02	0.0531	0.0534	1.7	0.00 - 0.50
7-00178	70289	Pu-236	0.0018 U	0.0247	0.0055	7.79	0.00 - 0.50
7-00178	70289	Pu-238	0.0004 U	0.0303	0.0068	0.0415	0.00 - 0.50
7-00178	70289	Pu-239/240	0.0159	0.0192	0.0077	0.0404	0.00 - 0.50
7-00178	70289	Pu-244	0.003	0.0082	0.003	0.0313	0.00 - 0.50
7-00178	70289	Sb-125	0.0052 U	0.0786	0.0232	0.354	0.00 - 0.50
7-00178	70289	Sn-126	0.0008 U	0.0161	0.0048	0.0237	0.00 - 0.50
7-00178	70289	Sr-90	2.31 J	0.396	0.284	0.485	0.00 - 0.50
7-00178	70289	Tc-99	-0.433 U	1.68	0.491	1.63	0.00 - 0.50
7-00178	70289	Th-228	0.906	0.125	0.113	3.98	0.00 - 0.50
7-00178	70289	Th-229	0.0271 UJ	0.0972	0.0271	0.145	0.00 - 0.50
7-00178	70289	Th-230	0.604	0.0663	0.0835	2.2	0.00 - 0.50
7-00178	70289	Th-232	1.03	0.0243	0.115	3.1	0.00 - 0.50
7-00178	70289	Th-234	1.13 J	0.336	0.131	3.19	0.00 - 0.50
7-00178	70289	Tl-208	0.385	0.0227	0.0231	0.937	0.00 - 0.50
7-00178	70289	Tm-171	-5.83 U	13	4.8	72.4	0.00 - 0.50
7-00178	70289	U-233/234	0.946	0.0484	0.112	2.02	0.00 - 0.50
7-00178	70289	U-235/236	0.0282	0.0255	0.0164	0.151	0.00 - 0.50
7-00178	70289	U-238	0.79	0.0206	0.0984	1.8	0.00 - 0.50
7-00178	70290	Ac-227	-0.0358 U	0.142	0.0447	0.217	1.00 - 5.00
7-00178	70290	Ac-228	0.957	0.0872	0.0461	2.4	1.00 - 5.00
7-00178	70290	Am-241	0.0021 U	0.0373	0.0097	0.0454	1.00 - 5.00
7-00178	70290	Bi-212	0.708 J	0.114	0.073	2.15	1.00 - 5.00
7-00178	70290	Bi-214	0.763	0.0258	0.038	1.59	1.00 - 5.00
7-00178	70290	C-14	-0.266 U	0.747	0.22	2.96	1.00 - 5.00
7-00178	70290	Cd-113m	9.75 U	96.5	29.5	3030	1.00 - 5.00
7-00178	70290	Cm-243/244	0.0117	0.0229	0.0073	0.0443	1.00 - 5.00
7-00178	70290	Co-60	-0.0013 U	0.0165	0.0048	0.028	1.00 - 5.00
7-00178	70290	Cs-134	-0.004 U	0.0128	0.0046	0.0864	1.00 - 5.00
7-00178	70290	Cs-137	0.0149	0.0152	0.0062	0.207	1.00 - 5.00
7-00178	70290	Eu-152	-0.0116 U	0.0372	0.0113	0.0566	1.00 - 5.00
7-00178	70290	Eu-154	-0.0441 U	0.0875	0.0289	0.15	1.00 - 5.00
7-00178	70290	Eu-155	0.0541 JS	0.0434	0.0201	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00178	70290	H-3	5.34	9.33	2.85	11.9	1.00 - 5.00
7-00178	70290	Ho-166m	0.0027 U	0.0237	0.0068	0.0432	1.00 - 5.00
7-00178	70290	K-40	18.4	0.1	0.991	32.4	1.00 - 5.00
7-00178	70290	Na-22	-0.0032 U	0.0199	0.0059	0.037	1.00 - 5.00
7-00178	70290	Nb-94	0.0084 JS	0.0146	0.0045	0.0214	1.00 - 5.00
7-00178	70290	Ni-59	-1.69 U	5.95	1.7	5.96	1.00 - 5.00
7-00178	70290	Ni-63	-0.136 U	1.59	0.469	4.92	1.00 - 5.00
7-00178	70290	Np-236	0.0095 U	0.0248	0.0075	0.047	1.00 - 5.00
7-00178	70290	Np-239	0.0405 U	0.0956	0.0302	0.139	1.00 - 5.00
7-00178	70290	Pa-231	-0.181 U	0.601	0.192	0.936	1.00 - 5.00
7-00178	70290	Pb-212	1.01	0.0247	0.0563	2.69	1.00 - 5.00
7-00178	70290	Pb-214	0.79	0.0263	0.0376	1.7	1.00 - 5.00
7-00178	70290	Pu-236	-0.0071 U	0.0462	0.0103	7.79	1.00 - 5.00
7-00178	70290	Pu-238	0.0065 U	0.0463	0.0124	0.0415	1.00 - 5.00
7-00178	70290	Pu-239/240	-0.0059 U	0.0313	0.0055	0.0404	1.00 - 5.00
7-00178	70290	Pu-244	0.0031	0.0084	0.0031	0.0313	1.00 - 5.00
7-00178	70290	Sb-125	0.0076 U	0.0369	0.0109	0.354	1.00 - 5.00
7-00178	70290	Sn-126	-0.0026 U	0.0154	0.0045	0.0237	1.00 - 5.00
7-00178	70290	Sr-90	0.145	0.223	0.0713	0.485	1.00 - 5.00
7-00178	70290	Tc-99	-0.0801 U	1.12	0.329	1.63	1.00 - 5.00
7-00178	70290	Th-228	1.12	0.0829	0.116	3.98	1.00 - 5.00
7-00178	70290	Th-229	0.0146 U	0.0787	0.0207	0.145	1.00 - 5.00
7-00178	70290	Th-230	0.94	0.0198	0.1	2.2	1.00 - 5.00
7-00178	70290	Th-232	1.14	0.0535	0.114	3.1	1.00 - 5.00
7-00178	70290	Th-234	1.08	0.18	0.1	3.19	1.00 - 5.00
7-00178	70290	Tl-208	0.319	0.0137	0.0199	0.937	1.00 - 5.00
7-00178	70290	Tm-171	1.61 U	5.47	1.88	72.4	1.00 - 5.00
7-00178	70290	U-233/234	0.776	0.0131	0.0831	2.02	1.00 - 5.00
7-00178	70290	U-235/236	0.0479	0.0162	0.0173	0.151	1.00 - 5.00
7-00178	70290	U-238	0.749	0.0382	0.0814	1.8	1.00 - 5.00
7-00179	70291	Ac-227	-0.015 U	0.192	0.0583	0.217	0.00 - 0.50
7-00179	70291	Ac-228	1.15	0.0995	0.0553	2.4	0.00 - 0.50
7-00179	70291	Am-241	0.0062 U	0.028	0.0076	0.0454	0.00 - 0.50
7-00179	70291	Bi-212	0.961	0.125	0.0847	2.15	0.00 - 0.50
7-00179	70291	Bi-214	0.904	0.0304	0.0466	1.59	0.00 - 0.50
7-00179	70291	Cd-113m	-20.8 U	127	40.4	3030	0.00 - 0.50
7-00179	70291	Cm-243/244	0.0074 U	0.0234	0.0066	0.0443	0.00 - 0.50
7-00179	70291	Co-60	0.0074 U	0.0177	0.0053	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00179	70291	Cs-134	0.0107 JS	0.0162	0.0059	0.0864	0.00 - 0.50
7-00179	70291	Cs-137	0.202	0.0172	0.0141	0.207	0.00 - 0.50
7-00179	70291	Eu-152	-0.0323 U	0.0458	0.0168	0.0566	0.00 - 0.50
7-00179	70291	Eu-154	-0.0531 U	0.0973	0.0317	0.15	0.00 - 0.50
7-00179	70291	Eu-155	0.0546 JS	0.0698	0.0239	0.231	0.00 - 0.50
7-00179	70291	Ho-166m	0.011 U	0.0264	0.0081	0.0432	0.00 - 0.50
7-00179	70291	K-40	21.3	0.12	1.19	32.4	0.00 - 0.50
7-00179	70291	Na-22	-0.0141 U	0.021	0.0073	0.037	0.00 - 0.50
7-00179	70291	Nb-94	0.0081 JS	0.0157	0.0049	0.0214	0.00 - 0.50
7-00179	70291	Np-236	-0.0162 U	0.0364	0.0114	0.047	0.00 - 0.50
7-00179	70291	Np-239	0.0019 U	0.129	0.0388	0.139	0.00 - 0.50
7-00179	70291	Pa-231	-0.182 U	0.78	0.242	0.936	0.00 - 0.50
7-00179	70291	Pb-212	1.36	0.0331	0.0797	2.69	0.00 - 0.50
7-00179	70291	Pb-214	1.04	0.0328	0.0497	1.7	0.00 - 0.50
7-00179	70291	Pu-236	0.0033 U	0.0164	0.0041	7.79	0.00 - 0.50
7-00179	70291	Pu-238	-0.0018 U	0.0157	0.0031	0.0415	0.00 - 0.50
7-00179	70291	Pu-239/240	0.0039 U	0.0194	0.005	0.0404	0.00 - 0.50
7-00179	70291	Pu-244	-0.0011 U	0.0194	0.0035	0.0313	0.00 - 0.50
7-00179	70291	Sb-125	0.0118 U	0.0456	0.0134	0.354	0.00 - 0.50
7-00179	70291	Sn-126	-0.009 U	0.0161	0.0054	0.0237	0.00 - 0.50
7-00179	70291	Sr-90	0.138	0.216	0.0685	0.485	0.00 - 0.50
7-00179	70291	Th-228	1.26	0.0887	0.123	3.98	0.00 - 0.50
7-00179	70291	Th-229	0.0347	0.0646	0.0209	0.145	0.00 - 0.50
7-00179	70291	Th-230	0.95	0.051	0.0988	2.2	0.00 - 0.50
7-00179	70291	Th-232	1.21	0.0187	0.116	3.1	0.00 - 0.50
7-00179	70291	Th-234	1.43	0.289	0.136	3.19	0.00 - 0.50
7-00179	70291	Tl-208	0.412	0.0166	0.0244	0.937	0.00 - 0.50
7-00179	70291	Tm-171	-6.28 U	12.7	4.74	72.4	0.00 - 0.50
7-00179	70291	U-233/234	1.1	0.0142	0.11	2.02	0.00 - 0.50
7-00179	70291	U-235/236	0.0537	0.0413	0.0204	0.151	0.00 - 0.50
7-00179	70291	U-238	1	0.0414	0.103	1.8	0.00 - 0.50
7-00180	70293	Ac-227	-0.0239 U	0.164	0.0495	0.217	1.00 - 4.00
7-00180	70293	Ac-228	1.15	0.0819	0.0559	2.4	1.00 - 4.00
7-00180	70293	Am-241	0.0028	0.0075	0.0028	0.0454	1.00 - 4.00
7-00180	70293	Bi-212	0.802	0.115	0.0723	2.15	1.00 - 4.00
7-00180	70293	Bi-214	0.878	0.0253	0.0412	1.59	1.00 - 4.00
7-00180	70293	Cd-113m	-12.1 U	110	35.8	3030	1.00 - 4.00
7-00180	70293	Cm-243/244	0.0056	0.0076	0.004	0.0443	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00180	70293	Co-60	-0.003 U	0.0146	0.0045	0.028	1.00 - 4.00
7-00180	70293	Cs-134	-0.0036 U	0.0124	0.0043	0.0864	1.00 - 4.00
7-00180	70293	Cs-137	0.0169 J	0.0156	0.0063	0.207	1.00 - 4.00
7-00180	70293	Eu-152	-0.002 U	0.0399	0.013	0.0566	1.00 - 4.00
7-00180	70293	Eu-154	-0.0072 U	0.0857	0.0256	0.15	1.00 - 4.00
7-00180	70293	Eu-155	0.0668 JS	0.0595	0.0214	0.231	1.00 - 4.00
7-00180	70293	Ho-166m	0.01 U	0.0225	0.0068	0.0432	1.00 - 4.00
7-00180	70293	K-40	21.8	0.103	1.25	32.4	1.00 - 4.00
7-00180	70293	Na-22	-0.0028 U	0.0182	0.0056	0.037	1.00 - 4.00
7-00180	70293	Nb-94	0.0047 U	0.0132	0.0039	0.0214	1.00 - 4.00
7-00180	70293	Np-236	-0.026 UJ	0.0317	0.0113	0.047	1.00 - 4.00
7-00180	70293	Np-239	0.0008 U	0.111	0.033	0.139	1.00 - 4.00
7-00180	70293	Pa-231	0.0955 U	0.683	0.211	0.936	1.00 - 4.00
7-00180	70293	Pb-212	1.26	0.0295	0.0798	2.69	1.00 - 4.00
7-00180	70293	Pb-214	0.998	0.0285	0.0494	1.7	1.00 - 4.00
7-00180	70293	Pu-238	0.0028	0.0076	0.0028	0.0415	1.00 - 4.00
7-00180	70293	Pu-239/240	0	0.0075	0.0028	0.0404	1.00 - 4.00
7-00180	70293	Pu-244	0.0084	0.0075	0.0048	0.0313	1.00 - 4.00
7-00180	70293	Sb-125	0.0261 JS	0.0394	0.0131	0.354	1.00 - 4.00
7-00180	70293	Sn-126	-0.0011 U	0.0145	0.0043	0.0237	1.00 - 4.00
7-00180	70293	Sr-90	-0.0342 U	0.224	0.0582	0.485	1.00 - 4.00
7-00180	70293	Th-228	1.17	0.123	0.121	3.98	1.00 - 4.00
7-00180	70293	Th-229	0.014 U	0.0838	0.0221	0.145	1.00 - 4.00
7-00180	70293	Th-230	0.71	0.0512	0.0827	2.2	1.00 - 4.00
7-00180	70293	Th-232	1.2	0.0511	0.117	3.1	1.00 - 4.00
7-00180	70293	Th-234	1.28 J	0.256	0.133	3.19	1.00 - 4.00
7-00180	70293	Tl-208	0.405	0.0148	0.0232	0.937	1.00 - 4.00
7-00180	70293	Tm-171	-3.54 U	10.9	3.9	72.4	1.00 - 4.00
7-00180	70293	U-233/234	0.778	0.0407	0.0794	2.02	1.00 - 4.00
7-00180	70293	U-235/236	0.0566	0.032	0.0182	0.151	1.00 - 4.00
7-00180	70293	U-238	0.717	0.0474	0.0751	1.8	1.00 - 4.00
7-00181	70294	Ac-227	-0.0838 U	0.179	0.0578	0.217	0.00 - 0.50
7-00181	70294	Ac-228	1.29	0.0848	0.0613	2.4	0.00 - 0.50
7-00181	70294	Am-241	0.0079	0.0222	0.0066	0.0454	0.00 - 0.50
7-00181	70294	Bi-212	0.925	0.12	0.0792	2.15	0.00 - 0.50
7-00181	70294	Bi-214	1.22	0.0288	0.0554	1.59	0.00 - 0.50
7-00181	70294	Cd-113m	-79.1 U	118	40.5	3030	0.00 - 0.50
7-00181	70294	Cm-243/244	0.0115	0.0223	0.0075	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00181	70294	Co-60	0.0025 UJ	0.0154	0.0046	0.028	0.00 - 0.50
7-00181	70294	Cs-134	0.0075 JS	0.0147	0.005	0.0864	0.00 - 0.50
7-00181	70294	Cs-137	0.0429	0.0161	0.0066	0.207	0.00 - 0.50
7-00181	70294	Eu-152	-0.0406 UJ	0.0431	0.0166	0.0566	0.00 - 0.50
7-00181	70294	Eu-154	-0.0759 UJ	0.0852	0.0322	0.15	0.00 - 0.50
7-00181	70294	Eu-155	0.0699 JS	0.0636	0.0228	0.231	0.00 - 0.50
7-00181	70294	Ho-166m	-0.01 U	0.0237	0.0075	0.0432	0.00 - 0.50
7-00181	70294	K-40	19.3	0.118	1.11	32.4	0.00 - 0.50
7-00181	70294	Na-22	-0.0062 U	0.0184	0.0058	0.037	0.00 - 0.50
7-00181	70294	Nb-94	0.0016 U	0.0139	0.0041	0.0214	0.00 - 0.50
7-00181	70294	Np-236	-0.0066 U	0.0349	0.0103	0.047	0.00 - 0.50
7-00181	70294	Np-239	-0.04 U	0.12	0.0373	0.139	0.00 - 0.50
7-00181	70294	Pa-231	0.0922 U	0.756	0.226	0.936	0.00 - 0.50
7-00181	70294	Pb-212	1.43	0.0311	0.0902	2.69	0.00 - 0.50
7-00181	70294	Pb-214	1.31	0.0317	0.0641	1.7	0.00 - 0.50
7-00181	70294	Pu-236	-0.0038 U	0.0299	0.0053	7.79	0.00 - 0.50
7-00181	70294	Pu-238	0.0091 U	0.0289	0.0082	0.0415	0.00 - 0.50
7-00181	70294	Pu-239/240	0.0159	0.0086	0.0072	0.0404	0.00 - 0.50
7-00181	70294	Pu-244	0.0096	0.0086	0.0056	0.0313	0.00 - 0.50
7-00181	70294	Sb-125	0.0053 U	0.0412	0.0124	0.354	0.00 - 0.50
7-00181	70294	Sn-126	-0.0082 U	0.0151	0.0049	0.0237	0.00 - 0.50
7-00181	70294	Sr-90	0.977	0.25	0.146	0.485	0.00 - 0.50
7-00181	70294	Th-228	1.46	0.126	0.129	3.98	0.00 - 0.50
7-00181	70294	Th-229	0.0283 U	0.0742	0.022	0.145	0.00 - 0.50
7-00181	70294	Th-230	1.21	0.0608	0.108	2.2	0.00 - 0.50
7-00181	70294	Th-232	1.43	0.0153	0.121	3.1	0.00 - 0.50
7-00181	70294	Th-234	1.75	0.277	0.165	3.19	0.00 - 0.50
7-00181	70294	Tl-208	0.446	0.0157	0.0257	0.937	0.00 - 0.50
7-00181	70294	Tm-171	-9.7 UJ	11.6	4.73	72.4	0.00 - 0.50
7-00181	70294	U-233/234	1.36	0.0416	0.13	2.02	0.00 - 0.50
7-00181	70294	U-235/236	0.0605	0.0416	0.0216	0.151	0.00 - 0.50
7-00181	70294	U-238	1.36	0.0416	0.131	1.8	0.00 - 0.50
7-00181	70295	Ac-227	0.0473 U	0.205	0.0609	0.217	1.00 - 1.60
7-00181	70295	Ac-228	1.15	0.109	0.0571	2.4	1.00 - 1.60
7-00181	70295	Am-241	0.007 U	0.0216	0.0062	0.0454	1.00 - 1.60
7-00181	70295	Bi-212	0.758 J	0.139	0.0857	2.15	1.00 - 1.60
7-00181	70295	Bi-214	1.49	0.0334	0.0675	1.59	1.00 - 1.60
7-00181	70295	Cd-113m	-63.1 U	132	43.4	3030	1.00 - 1.60

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00181	70295	Cm-243/244	-0.0076 U	0.0359	0.0074	0.0443	1.00 - 1.60
7-00181	70295	Co-60	0.005 U	0.0206	0.006	0.028	1.00 - 1.60
7-00181	70295	Cs-134	0.0091 JS	0.0166	0.0058	0.0864	1.00 - 1.60
7-00181	70295	Cs-137	-0.0084 U	0.0184	0.0067	0.207	1.00 - 1.60
7-00181	70295	Eu-152	-0.025 U	0.0484	0.0171	0.0566	1.00 - 1.60
7-00181	70295	Eu-154	-0.0391 U	0.108	0.0332	0.15	1.00 - 1.60
7-00181	70295	Eu-155	0.0226 U	0.0694	0.0215	0.231	1.00 - 1.60
7-00181	70295	Ho-166m	0.0076 U	0.0293	0.0087	0.0432	1.00 - 1.60
7-00181	70295	K-40	21.3	0.142	1.16	32.4	1.00 - 1.60
7-00181	70295	Na-22	-0.008 U	0.023	0.0072	0.037	1.00 - 1.60
7-00181	70295	Nb-94	0.0135 JS	0.0176	0.0059	0.0214	1.00 - 1.60
7-00181	70295	Np-236	-0.0041 U	0.0369	0.0113	0.047	1.00 - 1.60
7-00181	70295	Np-239	0.0278 U	0.131	0.0388	0.139	1.00 - 1.60
7-00181	70295	Pa-231	-0.0794 U	0.832	0.248	0.936	1.00 - 1.60
7-00181	70295	Pb-212	1.21	0.0339	0.0707	2.69	1.00 - 1.60
7-00181	70295	Pb-214	1.65	0.0361	0.0757	1.7	1.00 - 1.60
7-00181	70295	Pu-236	0.0012 U	0.0266	0.0051	7.79	1.00 - 1.60
7-00181	70295	Pu-238	0.0034 U	0.037	0.0087	0.0415	1.00 - 1.60
7-00181	70295	Pu-239/240	0.0023 U	0.0322	0.0071	0.0404	1.00 - 1.60
7-00181	70295	Pu-244	-0.0077 U	0.041	0.0072	0.0313	1.00 - 1.60
7-00181	70295	Sb-125	-0.0006 U	0.0479	0.0145	0.354	1.00 - 1.60
7-00181	70295	Sn-126	0.0017 U	0.0184	0.0054	0.0237	1.00 - 1.60
7-00181	70295	Sr-90	0.0643 U	0.224	0.0655	0.485	1.00 - 1.60
7-00181	70295	Th-228	1.06	0.0541	0.109	3.98	1.00 - 1.60
7-00181	70295	Th-229	0 U	0.0858	0.0202	0.145	1.00 - 1.60
7-00181	70295	Th-230	1.18	0.0524	0.116	2.2	1.00 - 1.60
7-00181	70295	Th-232	0.923	0.0523	0.0981	3.1	1.00 - 1.60
7-00181	70295	Th-234	1.87	0.284	0.16	3.19	1.00 - 1.60
7-00181	70295	Tl-208	0.391	0.0175	0.0237	0.937	1.00 - 1.60
7-00181	70295	Tm-171	-1.56 U	11.9	3.97	72.4	1.00 - 1.60
7-00181	70295	U-233/234	1.24	0.0359	0.119	2.02	1.00 - 1.60
7-00181	70295	U-235/236	0.0843	0.0443	0.0248	0.151	1.00 - 1.60
7-00181	70295	U-238	1.26	0.0132	0.12	1.8	1.00 - 1.60
7-00182	70296	Ac-227	-0.0761 U	0.22	0.0681	0.217	1.00 - 3.00
7-00182	70296	Ac-228	1.02	0.13	0.0536	2.4	1.00 - 3.00
7-00182	70296	Am-241	0.0112	0.022	0.007	0.0454	1.00 - 3.00
7-00182	70296	Bi-212	0.627 J	0.178	0.0801	2.15	1.00 - 3.00
7-00182	70296	Bi-214	0.855	0.0366	0.0458	1.59	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00182	70296	Cd-113m	16.1 U	150	45.7	3030	1.00 - 3.00
7-00182	70296	Cm-243/244	0.0019 U	0.0199	0.0047	0.0443	1.00 - 3.00
7-00182	70296	Co-60	-0.0087 U	0.0225	0.0071	0.028	1.00 - 3.00
7-00182	70296	Cs-134	-0.0048 U	0.0183	0.0064	0.0864	1.00 - 3.00
7-00182	70296	Cs-137	-0.0121 U	0.0225	0.0074	0.207	1.00 - 3.00
7-00182	70296	Eu-152	-0.0102 U	0.0554	0.0182	0.0566	1.00 - 3.00
7-00182	70296	Eu-154	0.0563 U	0.143	0.0433	0.15	1.00 - 3.00
7-00182	70296	Eu-155	0.0435 JS	0.0725	0.0241	0.231	1.00 - 3.00
7-00182	70296	Ho-166m	-0.0056 U	0.0341	0.0102	0.0432	1.00 - 3.00
7-00182	70296	K-40	18.4	0.158	1.06	32.4	1.00 - 3.00
7-00182	70296	Na-22	-0.0048 U	0.0256	0.0076	0.037	1.00 - 3.00
7-00182	70296	Nb-94	0.014 JS	0.021	0.0067	0.0214	1.00 - 3.00
7-00182	70296	Np-236	-0.0083 U	0.0385	0.012	0.047	1.00 - 3.00
7-00182	70296	Np-239	0.0736 J	0.146	0.0456	0.139	1.00 - 3.00
7-00182	70296	Pa-231	-0.341 U	0.921	0.31	0.936	1.00 - 3.00
7-00182	70296	Pb-212	1.17	0.0403	0.0695	2.69	1.00 - 3.00
7-00182	70296	Pb-214	0.943	0.0394	0.0478	1.7	1.00 - 3.00
7-00182	70296	Pu-236	-0.0018 U	0.0329	0.006	7.79	1.00 - 3.00
7-00182	70296	Pu-238	-0.0029 U	0.026	0.005	0.0415	1.00 - 3.00
7-00182	70296	Pu-239/240	0.0116 U	0.0369	0.0105	0.0404	1.00 - 3.00
7-00182	70296	Pu-244	-0.0018 U	0.0322	0.0058	0.0313	1.00 - 3.00
7-00182	70296	Sb-125	0.0122 U	0.0548	0.0165	0.354	1.00 - 3.00
7-00182	70296	Sn-126	0.0051 U	0.0224	0.0065	0.0237	1.00 - 3.00
7-00182	70296	Sr-90	0.195	0.158	0.0591	0.485	1.00 - 3.00
7-00182	70296	Th-228	1.18	0.113	0.118	3.98	1.00 - 3.00
7-00182	70296	Th-229	0.0414	0.0642	0.022	0.145	1.00 - 3.00
7-00182	70296	Th-230	0.861	0.0507	0.0924	2.2	1.00 - 3.00
7-00182	70296	Th-232	1.06	0.0186	0.105	3.1	1.00 - 3.00
7-00182	70296	Th-234	1.44 J	0.314	0.159	3.19	1.00 - 3.00
7-00182	70296	Tl-208	0.361	0.0208	0.0235	0.937	1.00 - 3.00
7-00182	70296	Tm-171	-4.6 U	12.8	4.47	72.4	1.00 - 3.00
7-00182	70296	U-233/234	1.18	0.0912	0.146	2.02	1.00 - 3.00
7-00182	70296	U-235/236	0.116	0.0793	0.0414	0.151	1.00 - 3.00
7-00182	70296	U-238	0.997	0.0273	0.128	1.8	1.00 - 3.00
7-00183	70297	Ac-227	-0.0537 U	0.195	0.0606	0.217	0.00 - 0.50
7-00183	70297	Ac-228	1.16	0.0983	0.0561	2.4	0.00 - 0.50
7-00183	70297	Am-241	0.0153	0.0225	0.0077	0.0454	0.00 - 0.50
7-00183	70297	Bi-212	0.797	0.136	0.0744	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00183	70297	Bi-214	0.996	0.0314	0.0475	1.59	0.00 - 0.50
7-00183	70297	Cd-113m	-77.3 U	129	45.2	3030	0.00 - 0.50
7-00183	70297	Cm-243/244	-0.0003 U	0.0188	0.0039	0.0443	0.00 - 0.50
7-00183	70297	Co-60	-0.0009 U	0.0184	0.0054	0.028	0.00 - 0.50
7-00183	70297	Cs-134	0.0068 U	0.0157	0.0054	0.0864	0.00 - 0.50
7-00183	70297	Cs-137	0.396	0.0173	0.0234	0.207	0.00 - 0.50
7-00183	70297	Eu-152	-0.0429 UJ	0.0482	0.0183	0.0566	0.00 - 0.50
7-00183	70297	Eu-154	-0.0287 U	0.101	0.0304	0.15	0.00 - 0.50
7-00183	70297	Eu-155	0.0861 JS	0.0707	0.0245	0.231	0.00 - 0.50
7-00183	70297	Ho-166m	0.012 U	0.0276	0.0085	0.0432	0.00 - 0.50
7-00183	70297	K-40	22.1	0.127	1.23	32.4	0.00 - 0.50
7-00183	70297	Na-22	-0.0072 U	0.021	0.0065	0.037	0.00 - 0.50
7-00183	70297	Nb-94	0.0075 U	0.0161	0.005	0.0214	0.00 - 0.50
7-00183	70297	Np-236	-0.0122 U	0.0378	0.0116	0.047	0.00 - 0.50
7-00183	70297	Np-239	-0.0188 U	0.132	0.04	0.139	0.00 - 0.50
7-00183	70297	Pa-231	-0.0126 U	0.822	0.258	0.936	0.00 - 0.50
7-00183	70297	Pb-212	1.32	0.0341	0.0775	2.69	0.00 - 0.50
7-00183	70297	Pb-214	1.1	0.034	0.0524	1.7	0.00 - 0.50
7-00183	70297	Pu-236	-0.0026 U	0.0295	0.0059	7.79	0.00 - 0.50
7-00183	70297	Pu-238	-0.0017 U	0.0308	0.0067	0.0415	0.00 - 0.50
7-00183	70297	Pu-239/240	0.0057	0.0077	0.004	0.0404	0.00 - 0.50
7-00183	70297	Pu-244	-0.002 U	0.018	0.0035	0.0313	0.00 - 0.50
7-00183	70297	Sb-125	-0.0115 U	0.0468	0.014	0.354	0.00 - 0.50
7-00183	70297	Sn-126	-0.0012 U	0.0179	0.0054	0.0237	0.00 - 0.50
7-00183	70297	Sr-90	0.0474 U	0.209	0.0595	0.485	0.00 - 0.50
7-00183	70297	Th-228	1.05	0.105	0.1	3.98	0.00 - 0.50
7-00183	70297	Th-229	0.0053 U	0.069	0.0175	0.145	0.00 - 0.50
7-00183	70297	Th-230	0.762	0.0387	0.0765	2.2	0.00 - 0.50
7-00183	70297	Th-232	0.89	0.0142	0.0844	3.1	0.00 - 0.50
7-00183	70297	Th-234	1.52	0.289	0.149	3.19	0.00 - 0.50
7-00183	70297	Tl-208	0.407	0.0175	0.0241	0.937	0.00 - 0.50
7-00183	70297	Tm-171	-13.5 UJ	12.8	5.61	72.4	0.00 - 0.50
7-00183	70297	U-233/234	0.971	0.0099	0.0907	2.02	0.00 - 0.50
7-00183	70297	U-235/236	0.0509	0.0287	0.0163	0.151	0.00 - 0.50
7-00183	70297	U-238	0.918	0.0288	0.087	1.8	0.00 - 0.50
7-00183	70298	Ac-227	-0.0491 U	0.186	0.058	0.217	1.00 - 5.00
7-00183	70298	Ac-228	1.39	0.0895	0.0674	2.4	1.00 - 5.00
7-00183	70298	Am-241	0.0124 U	0.0311	0.0093	0.0454	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00183	70298	Bi-212	0.939	0.123	0.0793	2.15	1.00 - 5.00
7-00183	70298	Bi-214	1.12	0.0291	0.0517	1.59	1.00 - 5.00
7-00183	70298	Cd-113m	20.1 U	126	39.6	3030	1.00 - 5.00
7-00183	70298	Cm-243/244	0.0205	0.0312	0.0104	0.0443	1.00 - 5.00
7-00183	70298	Co-60	-0.0066 U	0.0168	0.0054	0.028	1.00 - 5.00
7-00183	70298	Cs-134	0.0036 U	0.0147	0.0051	0.0864	1.00 - 5.00
7-00183	70298	Cs-137	0.0014 U	0.0172	0.006	0.207	1.00 - 5.00
7-00183	70298	Eu-152	-0.0145 U	0.0461	0.0181	0.0566	1.00 - 5.00
7-00183	70298	Eu-154	-0.0789 UJ	0.093	0.0342	0.15	1.00 - 5.00
7-00183	70298	Eu-155	0.0718 JS	0.0657	0.0259	0.231	1.00 - 5.00
7-00183	70298	Ho-166m	-0.0018 U	0.0256	0.0079	0.0432	1.00 - 5.00
7-00183	70298	K-40	22.2	0.122	1.32	32.4	1.00 - 5.00
7-00183	70298	Na-22	0.0124 J	0.021	0.0075	0.037	1.00 - 5.00
7-00183	70298	Nb-94	0.0043 U	0.0148	0.0045	0.0214	1.00 - 5.00
7-00183	70298	Np-236	-0.0013 U	0.0358	0.0109	0.047	1.00 - 5.00
7-00183	70298	Np-239	-0.106 UJ	0.124	0.0458	0.139	1.00 - 5.00
7-00183	70298	Pa-231	-0.0635 U	0.784	0.248	0.936	1.00 - 5.00
7-00183	70298	Pb-212	1.59	0.0325	0.097	2.69	1.00 - 5.00
7-00183	70298	Pb-214	1.25	0.0336	0.0612	1.7	1.00 - 5.00
7-00183	70298	Pu-236	-0.0072 U	0.0303	0.0053	7.79	1.00 - 5.00
7-00183	70298	Pu-238	0.0049 U	0.0243	0.0063	0.0415	1.00 - 5.00
7-00183	70298	Pu-239/240	0.0027	0.0073	0.0027	0.0404	1.00 - 5.00
7-00183	70298	Pu-244	0.0054	0.0073	0.0038	0.0313	1.00 - 5.00
7-00183	70298	Sb-125	0.0063 U	0.0426	0.0125	0.354	1.00 - 5.00
7-00183	70298	Sn-126	0.0082 J	0.0169	0.0053	0.0237	1.00 - 5.00
7-00183	70298	Sr-90	-0.0179 U	0.313	0.0869	0.485	1.00 - 5.00
7-00183	70298	Th-228	1.4	0.0922	0.131	3.98	1.00 - 5.00
7-00183	70298	Th-229	0.0467	0.0181	0.0179	0.145	1.00 - 5.00
7-00183	70298	Th-230	0.926	0.0619	0.0964	2.2	1.00 - 5.00
7-00183	70298	Th-232	1.1	0.018	0.107	3.1	1.00 - 5.00
7-00183	70298	Th-234	1.65	0.279	0.149	3.19	1.00 - 5.00
7-00183	70298	Tl-208	0.487	0.0165	0.0269	0.937	1.00 - 5.00
7-00183	70298	Tm-171	-6.54 U	11.3	4.29	72.4	1.00 - 5.00
7-00183	70298	U-233/234	0.891	0.0366	0.0916	2.02	1.00 - 5.00
7-00183	70298	U-235/236	0.0361	0.0366	0.016	0.151	1.00 - 5.00
7-00183	70298	U-238	0.926	0.0296	0.0941	1.8	1.00 - 5.00
7-00184	70299	Ac-227	-0.0014 U	0.218	0.0641	0.217	0.00 - 0.50
7-00184	70299	Ac-228	0.99	0.138	0.0551	2.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00184	70299	Am-241	0.0249	0.0247	0.0097	0.0454	0.00 - 0.50
7-00184	70299	Bi-212	0.829 J	0.169	0.11	2.15	0.00 - 0.50
7-00184	70299	Bi-214	0.685	0.039	0.0405	1.59	0.00 - 0.50
7-00184	70299	Cd-113m	52.5 U	150	45.2	3030	0.00 - 0.50
7-00184	70299	Cm-243/244	0.0046 U	0.0224	0.0058	0.0443	0.00 - 0.50
7-00184	70299	Co-60	0.0264 J	0.0287	0.0098	0.028	0.00 - 0.50
7-00184	70299	Cs-134	0.0084 U	0.0204	0.0069	0.0864	0.00 - 0.50
7-00184	70299	Cs-137	0.253	0.0243	0.0208	0.207	0.00 - 0.50
7-00184	70299	Eu-152	0.0086 U	0.0578	0.0195	0.0566	0.00 - 0.50
7-00184	70299	Eu-154	-0.0263 U	0.141	0.0431	0.15	0.00 - 0.50
7-00184	70299	Eu-155	0.0785 JS	0.0762	0.0293	0.231	0.00 - 0.50
7-00184	70299	Ho-166m	-0.0082 U	0.0343	0.0104	0.0432	0.00 - 0.50
7-00184	70299	K-40	20.8	0.168	1.2	32.4	0.00 - 0.50
7-00184	70299	Na-22	-0.009 U	0.0286	0.0088	0.037	0.00 - 0.50
7-00184	70299	Nb-94	0.0125 JS	0.0205	0.0065	0.0214	0.00 - 0.50
7-00184	70299	Np-236	-0.0322 UJ	0.0399	0.0146	0.047	0.00 - 0.50
7-00184	70299	Np-239	0.0314 U	0.148	0.0436	0.139	0.00 - 0.50
7-00184	70299	Pa-231	-0.182 U	0.923	0.3	0.936	0.00 - 0.50
7-00184	70299	Pb-212	1.11	0.0386	0.0666	2.69	0.00 - 0.50
7-00184	70299	Pb-214	0.79	0.041	0.0413	1.7	0.00 - 0.50
7-00184	70299	Pu-236	0.0023	0.0063	0.0023	7.79	0.00 - 0.50
7-00184	70299	Pu-238	-0.002 U	0.0224	0.0045	0.0415	0.00 - 0.50
7-00184	70299	Pu-239/240	0.0067	0.0061	0.0039	0.0404	0.00 - 0.50
7-00184	70299	Pu-244	0.0022	0.0061	0.0022	0.0313	0.00 - 0.50
7-00184	70299	Sb-125	-0.025 U	0.0566	0.0184	0.354	0.00 - 0.50
7-00184	70299	Sn-126	0.0031 U	0.022	0.0064	0.0237	0.00 - 0.50
7-00184	70299	Sr-90	0.152	0.183	0.0629	0.485	0.00 - 0.50
7-00184	70299	Th-228	1.12	0.0693	0.114	3.98	0.00 - 0.50
7-00184	70299	Th-229	0.225	0.0653	0.0442	0.145	0.00 - 0.50
7-00184	70299	Th-230	0.582	0.0516	0.073	2.2	0.00 - 0.50
7-00184	70299	Th-232	0.853	0.0753	0.0935	3.1	0.00 - 0.50
7-00184	70299	Th-234	1.56 J	0.307	0.163	3.19	0.00 - 0.50
7-00184	70299	Tl-208	0.345	0.022	0.024	0.937	0.00 - 0.50
7-00184	70299	Tm-171	0.955 U	13.5	4.49	72.4	0.00 - 0.50
7-00184	70299	U-233/234	2.61 J	0.0607	0.246	2.02	0.00 - 0.50
7-00184	70299	U-235/236	0.107	0.0606	0.0347	0.151	0.00 - 0.50
7-00184	70299	U-238	1.03	0.0607	0.12	1.8	0.00 - 0.50
7-00185	70301	Ac-227	0.0217 U	0.178	0.0539	0.217	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00185	70301	Ac-228	1.09	0.0917	0.0533	2.4	1.00 - 4.00
7-00185	70301	Am-241	0.0172	0.0151	0.007	0.0454	1.00 - 4.00
7-00185	70301	Bi-212	0.846	0.119	0.0715	2.15	1.00 - 4.00
7-00185	70301	Bi-214	0.858	0.0268	0.0443	1.59	1.00 - 4.00
7-00185	70301	Cd-113m	16.8 U	116	37.8	3030	1.00 - 4.00
7-00185	70301	Cm-243/244	-0.001 U	0.0187	0.0034	0.0443	1.00 - 4.00
7-00185	70301	Co-60	-0.0042 U	0.0151	0.0046	0.028	1.00 - 4.00
7-00185	70301	Cs-134	-0.0009 U	0.0137	0.0047	0.0864	1.00 - 4.00
7-00185	70301	Cs-137	0.0032 U	0.0167	0.005	0.207	1.00 - 4.00
7-00185	70301	Eu-152	-0.0024 U	0.0434	0.0152	0.0566	1.00 - 4.00
7-00185	70301	Eu-154	0.0114 U	0.0899	0.0259	0.15	1.00 - 4.00
7-00185	70301	Eu-155	0.0651 JS	0.0631	0.0218	0.231	1.00 - 4.00
7-00185	70301	Ho-166m	-0.0058 U	0.0247	0.0076	0.0432	1.00 - 4.00
7-00185	70301	K-40	21	0.126	1.17	32.4	1.00 - 4.00
7-00185	70301	Na-22	-0.0179 UJ	0.018	0.0071	0.037	1.00 - 4.00
7-00185	70301	Nb-94	0.0014 U	0.0141	0.0042	0.0214	1.00 - 4.00
7-00185	70301	Np-236	-0.0132 U	0.0344	0.0107	0.047	1.00 - 4.00
7-00185	70301	Np-239	0.0439 U	0.121	0.0376	0.139	1.00 - 4.00
7-00185	70301	Pa-231	-0.2 U	0.733	0.229	0.936	1.00 - 4.00
7-00185	70301	Pb-212	1.16	0.0298	0.0678	2.69	1.00 - 4.00
7-00185	70301	Pb-214	0.999	0.031	0.0476	1.7	1.00 - 4.00
7-00185	70301	Pu-236	0.003 UJ	0.0385	0.0096	7.79	1.00 - 4.00
7-00185	70301	Pu-238	-0.0015 UJ	0.0417	0.01	0.0415	1.00 - 4.00
7-00185	70301	Pu-239/240	-0.0027 UJ	0.0306	0.0062	0.0404	1.00 - 4.00
7-00185	70301	Pu-244	0.0009 UJ	0.0194	0.0038	0.0313	1.00 - 4.00
7-00185	70301	Sb-125	-0.006 U	0.0399	0.0118	0.354	1.00 - 4.00
7-00185	70301	Sn-126	-0.0034 U	0.0156	0.0048	0.0237	1.00 - 4.00
7-00185	70301	Sr-90	0.0738 U	0.197	0.0592	0.485	1.00 - 4.00
7-00185	70301	Th-228	1.21	0.0792	0.109	3.98	1.00 - 4.00
7-00185	70301	Th-229	0.0331	0.0149	0.0136	0.145	1.00 - 4.00
7-00185	70301	Th-230	0.913	0.0405	0.0884	2.2	1.00 - 4.00
7-00185	70301	Th-232	1.21	0.0404	0.107	3.1	1.00 - 4.00
7-00185	70301	Th-234	1.38	0.264	0.131	3.19	1.00 - 4.00
7-00185	70301	Tl-208	0.384	0.0147	0.0229	0.937	1.00 - 4.00
7-00185	70301	Tm-171	-1.61 U	11.3	3.99	72.4	1.00 - 4.00
7-00185	70301	U-233/234	0.903	0.0421	0.0962	2.02	1.00 - 4.00
7-00185	70301	U-235/236	0.0547	0.0421	0.0208	0.151	1.00 - 4.00
7-00185	70301	U-238	1.02	0.0536	0.106	1.8	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00103	70318	Ac-227	-0.0426 U	0.189	0.0576	0.217	1.00 - 5.00
7-00103	70318	Ac-228	1.14	0.098	0.0552	2.4	1.00 - 5.00
7-00103	70318	Am-241	0.0049 U	0.0297	0.0078	0.0454	1.00 - 5.00
7-00103	70318	Bi-212	0.751	0.128	0.0683	2.15	1.00 - 5.00
7-00103	70318	Bi-214	1.01	0.0287	0.0486	1.59	1.00 - 5.00
7-00103	70318	C-14	-0.103 U	0.743	0.22	2.96	1.00 - 5.00
7-00103	70318	Cd-113m	9.73 U	127	37.7	3030	1.00 - 5.00
7-00103	70318	Cm-243/244	0.0025 U	0.0214	0.0051	0.0443	1.00 - 5.00
7-00103	70318	Co-60	-0.0023 U	0.0183	0.0053	0.028	1.00 - 5.00
7-00103	70318	Cs-134	-0.0027 U	0.0142	0.005	0.0864	1.00 - 5.00
7-00103	70318	Cs-137	0.008 U	0.0174	0.0061	0.207	1.00 - 5.00
7-00103	70318	Eu-152	-0.0334 U	0.0453	0.0173	0.0566	1.00 - 5.00
7-00103	70318	Eu-154	-0.0778 UJ	0.0944	0.0345	0.15	1.00 - 5.00
7-00103	70318	Eu-155	0.0129 U	0.0685	0.0211	0.231	1.00 - 5.00
7-00103	70318	H-3	5.48	8.92	2.73	11.9	1.00 - 5.00
7-00103	70318	Ho-166m	0.0052 U	0.0261	0.0078	0.0432	1.00 - 5.00
7-00103	70318	K-40	22.2	0.127	1.4	32.4	1.00 - 5.00
7-00103	70318	Na-22	0.0024 U	0.0216	0.0075	0.037	1.00 - 5.00
7-00103	70318	Nb-94	0.0064 U	0.0148	0.0046	0.0214	1.00 - 5.00
7-00103	70318	Ni-59	-0.854 U	3.37	0.966	5.96	1.00 - 5.00
7-00103	70318	Ni-63	0.509 U	1.36	0.414	4.92	1.00 - 5.00
7-00103	70318	Np-236	-0.0275 UJ	0.0363	0.0131	0.047	1.00 - 5.00
7-00103	70318	Np-239	-0.0297 U	0.126	0.0383	0.139	1.00 - 5.00
7-00103	70318	Pa-231	0.6 J	0.804	0.29	0.936	1.00 - 5.00
7-00103	70318	Pb-212	1.22	0.0326	0.0744	2.69	1.00 - 5.00
7-00103	70318	Pb-214	1.1	0.0349	0.0524	1.7	1.00 - 5.00
7-00103	70318	Pu-236	-0.0018 U	0.0206	0.0041	7.79	1.00 - 5.00
7-00103	70318	Pu-238	0.0011 U	0.0158	0.0035	0.0415	1.00 - 5.00
7-00103	70318	Pu-239/240	0.0011 U	0.0158	0.0035	0.0404	1.00 - 5.00
7-00103	70318	Pu-244	0.0046	0.0128	0.0038	0.0313	1.00 - 5.00
7-00103	70318	Sb-125	-0.0034 U	0.0433	0.0126	0.354	1.00 - 5.00
7-00103	70318	Sn-126	-0.0023 U	0.0161	0.0049	0.0237	1.00 - 5.00
7-00103	70318	Sr-90	-0.153 U	0.365	0.0869	0.485	1.00 - 5.00
7-00103	70318	Tc-99	-0.347 U	1.15	0.333	1.63	1.00 - 5.00
7-00103	70318	Th-228	1.03	0.108	0.11	3.98	1.00 - 5.00
7-00103	70318	Th-229	-0.007 U	0.0842	0.0185	0.145	1.00 - 5.00
7-00103	70318	Th-230	0.755	0.084	0.0878	2.2	1.00 - 5.00
7-00103	70318	Th-232	0.864	0.0513	0.0938	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00103	70318	Th-234	1.44 J	0.286	0.168	3.19	1.00 - 5.00
7-00103	70318	Tl-208	0.398	0.0155	0.0232	0.937	1.00 - 5.00
7-00103	70318	Tm-171	2.07 U	15.2	5.06	72.4	1.00 - 5.00
7-00103	70318	U-233/234	0.881	0.0628	0.108	2.02	1.00 - 5.00
7-00103	70318	U-235/236	0.0393	0.0267	0.0199	0.151	1.00 - 5.00
7-00103	70318	U-238	0.83	0.0507	0.104	1.8	1.00 - 5.00
7-00104	70319	Ac-227	-0.031 U	0.184	0.0563	0.217	1.00 - 5.00
7-00104	70319	Ac-228	1.11	0.0888	0.0536	2.4	1.00 - 5.00
7-00104	70319	Am-241	-0.0001 U	0.0222	0.0046	0.0454	1.00 - 5.00
7-00104	70319	Bi-212	0.813	0.121	0.0687	2.15	1.00 - 5.00
7-00104	70319	Bi-214	0.913	0.0279	0.0478	1.59	1.00 - 5.00
7-00104	70319	C-14	0.107 U	0.735	0.22	2.96	1.00 - 5.00
7-00104	70319	Cd-113m	-46.8 U	122	41.9	3030	1.00 - 5.00
7-00104	70319	Cm-243/244	-0.0014 U	0.0241	0.0048	0.0443	1.00 - 5.00
7-00104	70319	Co-60	-0.0006 U	0.0167	0.0049	0.028	1.00 - 5.00
7-00104	70319	Cs-134	0.0076 JS	0.0149	0.0052	0.0864	1.00 - 5.00
7-00104	70319	Cs-137	0.0006 U	0.0169	0.005	0.207	1.00 - 5.00
7-00104	70319	Eu-152	-0.0201 U	0.0428	0.0172	0.0566	1.00 - 5.00
7-00104	70319	Eu-154	-0.0645 UJ	0.0903	0.0313	0.15	1.00 - 5.00
7-00104	70319	Eu-155	0.072 JS	0.0651	0.0228	0.231	1.00 - 5.00
7-00104	70319	H-3	5.29	9.03	2.76	11.9	1.00 - 5.00
7-00104	70319	Ho-166m	0.0013 U	0.0249	0.0074	0.0432	1.00 - 5.00
7-00104	70319	K-40	21.3	0.12	1.19	32.4	1.00 - 5.00
7-00104	70319	Na-22	-0.0076 U	0.0208	0.0065	0.037	1.00 - 5.00
7-00104	70319	Nb-94	0.0002 U	0.0145	0.0043	0.0214	1.00 - 5.00
7-00104	70319	Ni-59	0.38 U	4.51	1.17	5.96	1.00 - 5.00
7-00104	70319	Ni-63	0.152 U	1.05	0.316	4.92	1.00 - 5.00
7-00104	70319	Np-236	-0.0254 UJ	0.0348	0.012	0.047	1.00 - 5.00
7-00104	70319	Np-239	0.0062 U	0.123	0.037	0.139	1.00 - 5.00
7-00104	70319	Pa-231	-0.152 U	0.769	0.237	0.936	1.00 - 5.00
7-00104	70319	Pb-212	1.3	0.0306	0.0759	2.69	1.00 - 5.00
7-00104	70319	Pb-214	1.05	0.0308	0.0496	1.7	1.00 - 5.00
7-00104	70319	Pu-236	-0.0009 U	0.0166	0.003	7.79	1.00 - 5.00
7-00104	70319	Pu-238	0.0032 U	0.0163	0.0042	0.0415	1.00 - 5.00
7-00104	70319	Pu-239/240	0.0062	0.0056	0.0036	0.0404	1.00 - 5.00
7-00104	70319	Pu-244	0.0021	0.0056	0.0021	0.0313	1.00 - 5.00
7-00104	70319	Sb-125	0.0057 U	0.042	0.0122	0.354	1.00 - 5.00
7-00104	70319	Sn-126	-0.0044 U	0.0157	0.0049	0.0237	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00104	70319	Sr-90	0.0078 U	0.257	0.071	0.485	1.00 - 5.00
7-00104	70319	Tc-99	-0.203 U	1.13	0.331	1.63	1.00 - 5.00
7-00104	70319	Th-228	1.07	0.131	0.106	3.98	1.00 - 5.00
7-00104	70319	Th-229	-0.0226 U	0.0943	0.0212	0.145	1.00 - 5.00
7-00104	70319	Th-230	0.875	0.0608	0.0872	2.2	1.00 - 5.00
7-00104	70319	Th-232	1.05	0.0606	0.0981	3.1	1.00 - 5.00
7-00104	70319	Th-234	1.36	0.272	0.13	3.19	1.00 - 5.00
7-00104	70319	Tl-208	0.383	0.016	0.0225	0.937	1.00 - 5.00
7-00104	70319	Tm-171	2.89 U	11.9	4.21	72.4	1.00 - 5.00
7-00104	70319	U-233/234	0.784	0.0436	0.0878	2.02	1.00 - 5.00
7-00104	70319	U-235/236	0.0497	0.0435	0.0203	0.151	1.00 - 5.00
7-00104	70319	U-238	0.836	0.0352	0.0917	1.8	1.00 - 5.00
7-00106	70320	Ac-227	0.0163 U	0.174	0.0532	0.217	1.00 - 5.00
7-00106	70320	Ac-228	1.2	0.092	0.0576	2.4	1.00 - 5.00
7-00106	70320	Am-241	0.0029	0.0079	0.0029	0.0454	1.00 - 5.00
7-00106	70320	Bi-212	0.776	0.12	0.0689	2.15	1.00 - 5.00
7-00106	70320	Bi-214	0.958	0.0269	0.0454	1.59	1.00 - 5.00
7-00106	70320	C-14	0.0901 U	0.712	0.213	2.96	1.00 - 5.00
7-00106	70320	Cd-113m	-6.15 U	113	34.9	3030	1.00 - 5.00
7-00106	70320	Cm-243/244	0.0044 U	0.0163	0.0044	0.0443	1.00 - 5.00
7-00106	70320	Co-60	-0.0009 U	0.0165	0.0049	0.028	1.00 - 5.00
7-00106	70320	Cs-134	-0.0034 U	0.0133	0.0047	0.0864	1.00 - 5.00
7-00106	70320	Cs-137	-0.0029 U	0.015	0.0053	0.207	1.00 - 5.00
7-00106	70320	Eu-152	-0.0182 U	0.0404	0.0135	0.0566	1.00 - 5.00
7-00106	70320	Eu-154	-0.0507 U	0.0883	0.0295	0.15	1.00 - 5.00
7-00106	70320	Eu-155	0.0725 JS	0.0598	0.0244	0.231	1.00 - 5.00
7-00106	70320	H-3	5.51	8.56	2.63	11.9	1.00 - 5.00
7-00106	70320	Ho-166m	-0.0065 U	0.0241	0.0076	0.0432	1.00 - 5.00
7-00106	70320	K-40	23.1	0.118	1.31	32.4	1.00 - 5.00
7-00106	70320	Na-22	-0.0049 U	0.0191	0.0059	0.037	1.00 - 5.00
7-00106	70320	Nb-94	0.0092 JS	0.014	0.0046	0.0214	1.00 - 5.00
7-00106	70320	Ni-59	-1.92 U	2.94	0.997	5.96	1.00 - 5.00
7-00106	70320	Ni-63	0.664	1.08	0.337	4.92	1.00 - 5.00
7-00106	70320	Np-236	-0.011 U	0.0327	0.01	0.047	1.00 - 5.00
7-00106	70320	Np-239	-0.0232 U	0.116	0.036	0.139	1.00 - 5.00
7-00106	70320	Pa-231	-0.111 U	0.703	0.219	0.936	1.00 - 5.00
7-00106	70320	Pb-212	1.33	0.0296	0.0793	2.69	1.00 - 5.00
7-00106	70320	Pb-214	1.11	0.0295	0.0523	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 7, Round 1

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00106	70320	Pu-236	0.0032 U	0.0157	0.0039	7.79	1.00 - 5.00
7-00106	70320	Pu-238	0.0048	0.0065	0.0034	0.0415	1.00 - 5.00
7-00106	70320	Pu-239/240	-0.0035 U	0.019	0.0034	0.0404	1.00 - 5.00
7-00106	70320	Pu-244	0.0024	0.0065	0.0024	0.0313	1.00 - 5.00
7-00106	70320	Sb-125	0.0042 U	0.0397	0.0116	0.354	1.00 - 5.00
7-00106	70320	Sn-126	-0.0007 U	0.0156	0.0047	0.0237	1.00 - 5.00
7-00106	70320	Sr-90	0.157	0.187	0.0626	0.485	1.00 - 5.00
7-00106	70320	Tc-99	-0.0565 U	1.19	0.35	1.63	1.00 - 5.00
7-00106	70320	Th-228	1.21	0.0845	0.109	3.98	1.00 - 5.00
7-00106	70320	Th-229	0.0218 U	0.0587	0.0173	0.145	1.00 - 5.00
7-00106	70320	Th-230	0.811	0.0586	0.0818	2.2	1.00 - 5.00
7-00106	70320	Th-232	1.17	0.0504	0.104	3.1	1.00 - 5.00
7-00106	70320	Th-234	1.44 J	0.259	0.147	3.19	1.00 - 5.00
7-00106	70320	Tl-208	0.406	0.0149	0.0234	0.937	1.00 - 5.00
7-00106	70320	Tm-171	-0.246 U	12	4.13	72.4	1.00 - 5.00
7-00106	70320	U-233/234	0.929	0.0562	0.1	2.02	1.00 - 5.00
7-00106	70320	U-235/236	0.0643	0.0441	0.023	0.151	1.00 - 5.00
7-00106	70320	U-238	0.998	0.0152	0.105	1.8	1.00 - 5.00
7-00107	70321	Ac-227	0.0402 U	0.169	0.0518	0.217	1.00 - 5.00
7-00107	70321	Ac-228	1.13	0.0817	0.055	2.4	1.00 - 5.00
7-00107	70321	Am-241	0.0055	0.0154	0.0045	0.0454	1.00 - 5.00
7-00107	70321	Bi-212	0.83	0.106	0.0679	2.15	1.00 - 5.00
7-00107	70321	Bi-214	0.941	0.0252	0.0439	1.59	1.00 - 5.00
7-00107	70321	C-14	-0.116 U	0.728	0.215	2.96	1.00 - 5.00
7-00107	70321	Cd-113m	30.8 U	113	37.4	3030	1.00 - 5.00
7-00107	70321	Cm-243/244	0.0048	0.0065	0.0034	0.0443	1.00 - 5.00
7-00107	70321	Co-60	-0.0131 UJ	0.0135	0.0053	0.028	1.00 - 5.00
7-00107	70321	Cs-134	0.0011 U	0.0121	0.0041	0.0864	1.00 - 5.00
7-00107	70321	Cs-137	-0.0082 U	0.0143	0.0048	0.207	1.00 - 5.00
7-00107	70321	Eu-152	-0.0266 U	0.04	0.0151	0.0566	1.00 - 5.00
7-00107	70321	Eu-154	-0.0423 U	0.0821	0.0267	0.15	1.00 - 5.00
7-00107	70321	Eu-155	0.0589 JS	0.0596	0.0221	0.231	1.00 - 5.00
7-00107	70321	H-3	3.41 U	8.98	2.71	11.9	1.00 - 5.00
7-00107	70321	Ho-166m	0.002 U	0.0226	0.0068	0.0432	1.00 - 5.00
7-00107	70321	K-40	21.7	0.111	1.29	32.4	1.00 - 5.00
7-00107	70321	Na-22	-0.0071 U	0.0169	0.0054	0.037	1.00 - 5.00
7-00107	70321	Nb-94	0.0048 U	0.0131	0.004	0.0214	1.00 - 5.00
7-00107	70321	Ni-59	-0.854 U	3.89	1.15	5.96	1.00 - 5.00

**Table A.2
Analytical Results Summary
Subarea 7, Round 1**

Sample Location	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
7-00107	70321	Ni-63	-0.0969 U	1.28	0.383	4.92	1.00 - 5.00
7-00107	70321	Np-236	-0.0047 UJ	0.0322	0.0096	0.047	1.00 - 5.00
7-00107	70321	Np-239	0.014 U	0.113	0.0343	0.139	1.00 - 5.00
7-00107	70321	Pa-231	-0.388 U	0.674	0.229	0.936	1.00 - 5.00
7-00107	70321	Pb-212	1.31	0.0281	0.0804	2.69	1.00 - 5.00
7-00107	70321	Pb-214	1.08	0.029	0.0528	1.7	1.00 - 5.00
7-00107	70321	Pu-238	-0.0034 U	0.0187	0.0034	0.0415	1.00 - 5.00
7-00107	70321	Pu-239/240	0.002 U	0.0214	0.0051	0.0404	1.00 - 5.00
7-00107	70321	Pu-244	0.0024	0.0064	0.0024	0.0313	1.00 - 5.00
7-00107	70321	Sb-125	-0.0086 U	0.0368	0.0111	0.354	1.00 - 5.00
7-00107	70321	Sn-126	0.0012 U	0.0145	0.0044	0.0237	1.00 - 5.00
7-00107	70321	Sr-90	0.207	0.24	0.0799	0.485	1.00 - 5.00
7-00107	70321	Tc-99	0.166 U	1.49	0.443	1.63	1.00 - 5.00
7-00107	70321	Th-228	1.39	0.108	0.131	3.98	1.00 - 5.00
7-00107	70321	Th-229	0.0284 U	0.0932	0.0266	0.145	1.00 - 5.00
7-00107	70321	Th-230	1.06	0.0658	0.107	2.2	1.00 - 5.00
7-00107	70321	Th-232	1.4	0.0192	0.128	3.1	1.00 - 5.00
7-00107	70321	Th-234	1.22	0.247	0.118	3.19	1.00 - 5.00
7-00107	70321	Tl-208	0.383	0.0142	0.022	0.937	1.00 - 5.00
7-00107	70321	Tm-171	-6.49 U	9.77	3.79	72.4	1.00 - 5.00
7-00107	70321	U-233/234	0.923	0.0398	0.0961	2.02	1.00 - 5.00
7-00107	70321	U-235/236	0.0499	0.0169	0.018	0.151	1.00 - 5.00
7-00107	70321	U-238	0.878	0.0137	0.0923	1.8	1.00 - 5.00

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

TPU - total propagated uncertainty

RTL - radiological trigger level

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.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

R - The result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria.

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

UJ - Not considered detected. The associated number is the reported concentration, which may be inaccurate.

UL - Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00001	70049	Ac-227	-0.0687 U	0.151	0.0499	70304	Ac-227	0.0457 U	0.158	0.0486
7-00001	70049	Ac-228	1.02	0.0878	0.0508	70304	Ac-228	0.993	0.0749	0.05
7-00001	70049	Am-241	0.00451	0.00611	0.0032	70304	Am-241	0.00584	0.00527	0.00338
7-00001	70049	Bi-212	0.786 J	0.123	0.0835	70304	Bi-212	0.806	0.103	0.0646
7-00001	70049	Bi-214	0.836	0.0278	0.0413	70304	Bi-214	0.779	0.0234	0.0379
7-00001	70049	Cd-113m	-12.6 U	102	31.6	70304	Cd-113m	63.1 J	105	35.8
7-00001	70049	Cm-243/244	-0.00263 U	0.0205	0.00362	70304	Cm-243/244	0.00196	0.0053	0.00196
7-00001	70049	Co-60	-0.00205 UJ	0.0175	0.00513	70304	Co-60	-0.000932 UJ	0.0137	0.00408
7-00001	70049	Cs-134	0.00423 U	0.014	0.00485	70304	Cs-134	0.00763 JS	0.0122	0.00441
7-00001	70049	Cs-137	0.374	0.0166	0.0235	70304	Cs-137	0.362	0.0143	0.0214
7-00001	70049	Eu-152	-0.0108 U	0.0388	0.0132	70304	Eu-152	0.00552 U	0.0377	0.0158
7-00001	70049	Eu-154	-0.0011 U	0.0964	0.0287	70304	Eu-154	-0.0461 U	0.0769	0.0257
7-00001	70049	Eu-155	0.0658 JS	0.0453	0.019	70304	Eu-155	0.0844 JS	0.052	0.0209
7-00001	70049	Ho-166m	-0.00334 U	0.0238	0.00699	70304	Ho-166m	-0.00602 U	0.0201	0.00629
7-00001	70049	K-40	19.5	0.118	1.05	70304	K-40	20.2	0.0998	1.22
7-00001	70049	Na-22	-0.00377 U	0.0198	0.00588	70304	Na-22	0.00405 U	0.0171	0.00508
7-00001	70049	Nb-94	0.00671 U	0.0146	0.0044	70304	Nb-94	0.00256 U	0.012	0.00362
7-00001	70049	Np-236	-0.0144 U	0.0251	0.00816	70304	Np-236	0.00976 U	0.029	0.00903
7-00001	70049	Np-239	0.000228 U	0.0981	0.0298	70304	Np-239	-0.0025 U	0.104	0.0316
7-00001	70049	Pa-231	-0.0216 U	0.636	0.196	70304	Pa-231	0.0814 U	0.658	0.2
7-00001	70049	Pb-212	1.15	0.0254	0.0638	70304	Pb-212	1.12	0.0273	0.0694
7-00001	70049	Pb-214	0.873	0.0283	0.0415	70304	Pb-214	0.853	0.027	0.0435
7-00001	70049	Pu-236	-0.00162 U	0.0143	0.00277	70304	Pu-236	-0.00759 U	0.0264	0.00462
7-00001	70049	Pu-238	0.00496	0.0138	0.00408	70304	Pu-238	0.00143 U	0.0201	0.00444
7-00001	70049	Pu-239/240	0.0245	0.0138	0.00778	70304	Pu-239/240	0.0116	0.0201	0.00678

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00001	70049	Pu-244	0.00339 U	0.0171	0.00437	70304	Pu-244	0.00509	0.0069	0.00361
7-00001	70049	Sb-125	0.0196 U	0.0408	0.0126	70304	Sb-125	0.0207 JS	0.0386	0.0121
7-00001	70049	Sn-126	0.00336 U	0.0165	0.00477	70304	Sn-126	0.00265 U	0.0135	0.00405
7-00001	70049	Sr-90	-0.0274 U	0.221	0.0563	70304	Sr-90	-0.015 U	0.217	0.0581
7-00001	70049	Th-228	0.996	0.134	0.115	70304	Th-228	1.54	0.0454	0.13
7-00001	70049	Th-229	-8.08E-09 UJ	0.114	0.028	70304	Th-229	0.0236 U	0.071	0.0205
7-00001	70049	Th-230	0.96	0.0594	0.106	70304	Th-230	1.04	0.016	0.0974
7-00001	70049	Th-232	1.12	0.0866	0.118	70304	Th-232	1.12	0.0433	0.103
7-00001	70049	Tl-208	0.37	0.016	0.0218	70304	Tl-208	0.354	0.0134	0.0206
7-00001	70049	Tm-171	0.0216 U	5.63	1.92	70304	Tm-171	-5.62 U	9.1	3.5
7-00001	70049	U-233/234	1.19	0.0445	0.12	70304	U-233/234	1.17	0.0549	0.122
7-00001	70049	U-235/236	0.0628	0.0189	0.0214	70304	U-235/236	0.0525	0.0203	0.0202
7-00001	70049	U-238	1.14	0.0359	0.116	70304	U-238	1.21	0.0164	0.124
7-00001	70061	Ac-227	-0.0596 U	0.195	0.0602	70302	Ac-227	0.0598 U	0.186	0.058
7-00001	70061	Ac-228	1.06	0.0929	0.0525	70302	Ac-228	1.23	0.0958	0.0594
7-00001	70061	Am-241	0.0123	0.0229	0.00744	70302	Am-241	-0.00279 UJ	0.0506	0.011
7-00001	70061	Bi-212	0.701 J	0.19	0.177	70302	Bi-212	0.823	0.13	0.0728
7-00001	70061	Bi-214	0.786	0.0318	0.0385	70302	Bi-214	0.906	0.0279	0.044
7-00001	70061	Cd-113m	20.7 U	132	39.6	70302	Cd-113m	68.8 J	126	45.6
7-00001	70061	Cm-243/244	0.00143 U	0.0201	0.00444	70302	Cm-243/244	-0.000747 UJ	0.0423	0.00881
7-00001	70061	Co-60	0.0022 U	0.0181	0.00517	70302	Co-60	-0.00595 U	0.017	0.00542
7-00001	70061	Cs-134	0.0192 JS	0.0163	0.00687	70302	Cs-134	0.00649 U	0.0145	0.00504
7-00001	70061	Cs-137	0.684	0.0168	0.0398	70302	Cs-137	0.733	0.018	0.0405
7-00001	70061	Eu-152	-0.0132 U	0.0475	0.017	70302	Eu-152	-0.017 U	0.0451	0.0148
7-00001	70061	Eu-154	0.0287 U	0.101	0.0297	70302	Eu-154	-0.052 U	0.0911	0.0304

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00001	70061	Eu-155	0.0523 JS	0.0657	0.0282	70302	Eu-155	0.0584 JS	0.0644	0.0262
7-00001	70061	Ho-166m	-0.00355 U	0.0255	0.00775	70302	Ho-166m	-0.00916 U	0.0253	0.00813
7-00001	70061	K-40	21.9	0.125	1.38	70302	K-40	24	0.1	1.36
7-00001	70061	Na-22	-0.000503 U	0.0208	0.00728	70302	Na-22	-0.00736 U	0.0212	0.00673
7-00001	70061	Nb-94	0.000043 U	0.0142	0.00426	70302	Nb-94	0.0065 U	0.0149	0.00465
7-00001	70061	Np-236	-0.0108 U	0.0363	0.0115	70302	Np-236	-0.00262 U	0.0345	0.0102
7-00001	70061	Np-239	0.0723 J	0.132	0.0422	70302	Np-239	0.0242 U	0.126	0.0385
7-00001	70061	Pa-231	0.209 UJ	0.807	0.253	70302	Pa-231	-0.723 UJ	0.747	0.294
7-00001	70061	Pb-212	1.25	0.0341	0.0765	70302	Pb-212	1.37	0.0321	0.0822
7-00001	70061	Pb-214	0.888	0.0344	0.0438	70302	Pb-214	1.03	0.0326	0.0499
7-00001	70061	Pu-236	-0.00168 U	0.0305	0.00662	70302	Pu-236	-0.000561 U	0.0317	0.00661
7-00001	70061	Pu-238	0.00572 U	0.0271	0.00719	70302	Pu-238	0.00812 U	0.0368	0.00992
7-00001	70061	Pu-239/240	0.0297	0.00731	0.00908	70302	Pu-239/240	0.00865 U	0.0266	0.00759
7-00001	70061	Pu-244	0.0027	0.00731	0.0027	70302	Pu-244	0.000946 U	0.0215	0.00417
7-00001	70061	Sb-125	0.00375 U	0.0466	0.0135	70302	Sb-125	0.0159 U	0.046	0.0138
7-00001	70061	Sn-126	0.000173 U	0.0163	0.00486	70302	Sn-126	-0.00125 U	0.0159	0.00485
7-00001	70061	Sr-90	0.0588 U	0.351	0.102	70302	Sr-90	-0.0341 U	0.321	0.0873
7-00001	70061	Th-228	1.26	0.021	0.123	70302	Th-228	1.34	0.154	0.149
7-00001	70061	Th-229	0.0145	0.0197	0.0103	70302	Th-229	0.000926 UJ	0.117	0.0281
7-00001	70061	Th-230	0.704	0.0197	0.0824	70302	Th-230	0.808	0.0783	0.102
7-00001	70061	Th-232	1.02	0.0533	0.105	70302	Th-232	1.19	0.078	0.131
7-00001	70061	Tl-208	0.357	0.0177	0.021	70302	Tl-208	0.419	0.0169	0.0243
7-00001	70061	Tm-171	9.59 J	15.2	5.49	70302	Tm-171	8.64 J	13	4.84
7-00001	70061	U-233/234	0.609	0.0404	0.0719	70302	U-233/234	0.807	0.0335	0.088
7-00001	70061	U-235/236	0.0271	0.0404	0.015	70302	U-235/236	0.0454	0.0176	0.0175

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00001	70061	U-238	0.832	0.0327	0.0893	70302	U-238	0.814	0.0142	0.0883
7-00001	70076	Ac-227	-0.068 U	0.172	0.0539	70306	Ac-227	-0.105 U	0.169	0.0584
7-00001	70076	Ac-228	1.17	0.0924	0.0559	70306	Ac-228	1.29	0.0851	0.0603
7-00001	70076	Am-241	0.00455	0.00616	0.00322	70306	Am-241	0.0131	0.0229	0.00741
7-00001	70076	Bi-212	0.917	0.125	0.0783	70306	Bi-212	0.971	0.112	0.0748
7-00001	70076	Bi-214	0.995	0.0291	0.0472	70306	Bi-214	0.928	0.0264	0.0434
7-00001	70076	Cd-113m	14.5 U	116	35.3	70306	Cd-113m	41.2 U	113	35.7
7-00001	70076	Cm-243/244	0.00456	0.00618	0.00324	70306	Cm-243/244	0.000788 U	0.0215	0.00506
7-00001	70076	Co-60	0.00513 U	0.0178	0.00522	70306	Co-60	-0.00552 U	0.0158	0.00505
7-00001	70076	Cs-134	-0.00581 U	0.0138	0.00495	70306	Cs-134	0.00047 U	0.0133	0.00456
7-00001	70076	Cs-137	0.00337 U	0.0177	0.00522	70306	Cs-137	0.0256	0.0154	0.00577
7-00001	70076	Eu-152	-0.0322 UJ	0.0414	0.0158	70306	Eu-152	-0.00403 U	0.0423	0.0123
7-00001	70076	Eu-154	-0.038 U	0.0956	0.0297	70306	Eu-154	-0.068 UJ	0.0848	0.0308
7-00001	70076	Eu-155	0.0658 JS	0.0593	0.0227	70306	Eu-155	0.0517 JS	0.0618	0.0216
7-00001	70076	Ho-166m	-0.00476 U	0.0253	0.00761	70306	Ho-166m	-0.0184 UJ	0.023	0.00851
7-00001	70076	K-40	21.8	0.129	1.18	70306	K-40	20.8	0.119	1.18
7-00001	70076	Na-22	0.00204 U	0.0201	0.00588	70306	Na-22	-0.00761 U	0.0188	0.007
7-00001	70076	Nb-94	-0.00143 U	0.0145	0.0043	70306	Nb-94	-0.0051 U	0.0135	0.00435
7-00001	70076	Np-236	0.000861 U	0.0334	0.0102	70306	Np-236	-0.0188 U	0.0318	0.0105
7-00001	70076	Np-239	-0.0452 U	0.114	0.0354	70306	Np-239	0.00719 U	0.114	0.0347
7-00001	70076	Pa-231	-0.247 U	0.709	0.228	70306	Pa-231	0.102 U	0.705	0.217
7-00001	70076	Pb-212	1.25	0.0299	0.0723	70306	Pb-212	1.46	0.0295	0.087
7-00001	70076	Pb-214	1.05	0.0307	0.0506	70306	Pb-214	1.05	0.0291	0.0492
7-00001	70076	Pu-236	0.0105	0.0255	0.00768	70306	Pu-236	0.0238	0.0244	0.00966
7-00001	70076	Pu-238	-0.000794 U	0.029	0.00662	70306	Pu-238	0.0101	0.0238	0.00726

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00001	70076	Pu-239/240	0.00248	0.00672	0.00248	70306	Pu-239/240	0.000737 U	0.0168	0.00325
7-00001	70076	Pu-244	0.00496	0.00672	0.00352	70306	Pu-244	0	0.00713	0.00264
7-00001	70076	Sb-125	-0.00385 U	0.041	0.0125	70306	Sb-125	-0.0196 U	0.0376	0.0122
7-00001	70076	Sn-126	0.00422 U	0.0164	0.00487	70306	Sn-126	-0.000555 U	0.0152	0.00462
7-00001	70076	Sr-90	0.146	0.229	0.0725	70306	Sr-90	0.211	0.234	0.0776
7-00001	70076	Th-228	1.24	0.122	0.124	70306	Th-228	1.46	0.143	0.142
7-00001	70076	Th-229	0.0429	0.0194	0.0177	70306	Th-229	0.0383	0.0564	0.0204
7-00001	70076	Th-230	0.97	0.0525	0.101	70306	Th-230	1.06	0.0207	0.11
7-00001	70076	Th-232	1.23	0.0523	0.118	70306	Th-232	1.59	0.0707	0.145
7-00001	70076	Tl-208	0.416	0.0152	0.0246	70306	Tl-208	0.458	0.0143	0.0256
7-00001	70076	Tm-171	-0.331 U	10.4	3.46	70306	Tm-171	1.14 U	11.8	4.08
7-00001	70076	U-233/234	0.946	0.0478	0.0994	70306	U-233/234	1.08	0.0248	0.131
7-00001	70076	U-235/236	0.0232	0.0514	0.0161	70306	U-235/236	0.0452	0.0306	0.0229
7-00001	70076	U-238	1.08	0.0478	0.109	70306	U-238	1.15	0.0721	0.137
7-00001	70098	Am-241	0.000623 U	0.0142	0.00274	70313	Am-241	0.00544	0.0152	0.00449
7-00001	70098	Cm-243/244	-0.000357 U	0.0202	0.00421	70313	Cm-243/244	0.0044 U	0.0217	0.00565
7-00002	70098	H-3	-1.25 U	7.54	2.02	70313	H-3	0.355 U	7.22	2.02
7-00002	70098	Pu-236	0.000241 U	0.0201	0.00452	70313	Pu-236	0.00143 U	0.0201	0.00445
7-00002	70098	Pu-238	0.0011 U	0.0155	0.00342	70313	Pu-238	-0.00359 U	0.0197	0.00356
7-00002	70098	Pu-239/240	0.0148	0.0155	0.00626	70313	Pu-239/240	0.00499	0.00676	0.00354
7-00002	70098	Pu-244	0.00055 U	0.0125	0.00242	70313	Pu-244	0.00249	0.00676	0.0025
7-00002	70098	Sr-90	-0.00496 U	0.18	0.0492	70313	Sr-90	0.182	0.199	0.0701
7-00002	70098	Th-228	1.07 L	0.0747	0.107	70313	Th-228	1.2	0.0646	0.116
7-00002	70098	Th-229	0.074 L	0.0495	0.0246	70313	Th-229	0.0202 U	0.0726	0.0203
7-00002	70098	Th-230	0.832 L	0.0806	0.0906	70313	Th-230	0.868	0.0182	0.0917

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00002	70098	Th-232	1.14 L	0.0181	0.109	70313	Th-232	1.14	0.0494	0.11
7-00002	70098	U-233/234	0.922	0.0284	0.092	70313	U-233/234	0.88	0.0112	0.0868
7-00002	70098	U-235/236	0.0621	0.0351	0.02	70313	U-235/236	0.0814	0.0138	0.0212
7-00002	70098	U-238	0.85	0.0121	0.0865	70313	U-238	0.946	0.0373	0.0922
7-00002	70103	Ac-227	0.11 J	0.217	0.0709	70303	Ac-227	-0.0174 U	0.243	0.074
7-00002	70103	Ac-228	0.918	0.0927	0.0477	70303	Ac-228	1.09	0.0939	0.0562
7-00002	70103	Am-241	0.00602	0.00543	0.00349	70303	Am-241	0.015	0.0058	0.00572
7-00002	70103	Bi-212	0.671 J	0.125	0.0891	70303	Bi-212	0.778	0.123	0.0724
7-00002	70103	Bi-214	0.661	0.0356	0.0349	70303	Bi-214	0.777	0.0352	0.0381
7-00002	70103	Cd-113m	-7.07 U	147	45.5	70303	Cd-113m	25.2 U	162	51.4
7-00002	70103	Cm-243/244	-0.000887 U	0.0159	0.00288	70303	Cm-243/244	0.00491	0.0137	0.00405
7-00002	70103	Co-60	0.0192 J	0.0197	0.00694	70303	Co-60	0.023	0.0177	0.00446
7-00002	70103	Cs-134	0.0133 SJ	0.0181	0.00679	70303	Cs-134	0.00868 SJ	0.0174	0.0062
7-00002	70103	Cs-137	6.59	0.0191	0.363	70303	Cs-137	5.78	0.0194	0.305
7-00002	70103	Eu-152	-0.0252 U	0.0585	0.0196	70303	Eu-152	-0.0141 U	0.0629	0.0227
7-00002	70103	Eu-154	0.0267 U	0.0971	0.0332	70303	Eu-154	-0.0167 U	0.0913	0.0317
7-00002	70103	Eu-155	0.0367 SJ	0.0581	0.0184	70303	Eu-155	0.0613 SJ	0.0766	0.0265
7-00002	70103	Ho-166m	0.0107 U	0.0261	0.00778	70303	Ho-166m	0.00598 U	0.0244	0.00734
7-00002	70103	K-40	21.4	0.107	1.15	70303	K-40	24.6	0.121	1.47
7-00002	70103	Na-22	0.000152 U	0.0207	0.00599	70303	Na-22	-0.0109 U	0.0189	0.00637
7-00002	70103	Nb-94	0.00289 U	0.0142	0.00411	70303	Nb-94	-0.00279 U	0.0136	0.00416
7-00002	70103	Np-236	-0.0269 UJ	0.032	0.0114	70303	Np-236	0.00245 U	0.0416	0.0122
7-00002	70103	Np-239	0.0222 U	0.14	0.0428	70303	Np-239	-0.0189 U	0.158	0.0481
7-00002	70103	Pa-231	-0.325 U	0.897	0.291	70303	Pa-231	0.0922 U	1.02	0.312
7-00002	70103	Pb-212	1.08	0.0359	0.0607	70303	Pb-212	1.22	0.0412	0.0757

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00002	70103	Pb-214	0.726	0.0429	0.0377	70303	Pb-214	0.875	0.0453	0.0466
7-00002	70103	Pu-236	-0.000953 U	0.0171	0.00309	70303	Pu-236	0.000598 U	0.0136	0.00264
7-00002	70103	Pu-238	-0.003 U	0.0164	0.00298	70303	Pu-238	0.00206	0.00557	0.00206
7-00002	70103	Pu-239/240	0.0229	0.00564	0.007	70303	Pu-239/240	0.00731	0.0162	0.00506
7-00002	70103	Pu-244	0.00624	0.00564	0.00362	70303	Pu-244	0.00205	0.00556	0.00206
7-00002	70103	Sb-125	0.00177 U	0.0668	0.0199	70303	Sb-125	0.0526 SJ	0.0685	0.0234
7-00002	70103	Sn-126	-0.000643 U	0.0159	0.00459	70303	Sn-126	-0.000413 U	0.0156	0.00467
7-00002	70103	Sr-90	0.324	0.174	0.0728	70303	Sr-90	0.196	0.151	0.0573
7-00002	70103	Th-228	0.971	0.112	0.106	70303	Th-228	1.1	0.0672	0.111
7-00002	70103	Th-229	0.0702	0.0652	0.0266	70303	Th-229	0.082	0.0503	0.026
7-00002	70103	Th-230	0.623	0.0516	0.0762	70303	Th-230	0.607	0.0185	0.0735
7-00002	70103	Th-232	0.985	0.0514	0.102	70303	Th-232	1.1	0.05	0.108
7-00002	70103	Tl-208	0.348	0.0195	0.0225	70303	Tl-208	0.359	0.019	0.0224
7-00002	70103	Tm-171	1.61 U	6.5	2.24	70303	Tm-171	-7.32 U	12.2	4.64
7-00002	70103	U-233/234	2.67	0.0148	0.231	70303	U-233/234	2.57	0.0388	0.229
7-00002	70103	U-235/236	0.171	0.0431	0.037	70303	U-235/236	0.121	0.0204	0.0314
7-00002	70103	U-238	2.29	0.0495	0.202	70303	U-238	2.19	0.0481	0.2
7-00002	70113	Ac-227	0.052 U	0.223	0.0693	70311	Ac-227	-0.0809 U	0.241	0.0744
7-00002	70113	Ac-228	1.31	0.106	0.0647	70311	Ac-228	1.35	0.142	0.0693
7-00002	70113	Am-241	0.00349 U	0.0176	0.0045	70311	Am-241	-0.00644 U	0.0263	0.00503
7-00002	70113	Bi-212	0.967	0.142	0.0879	70311	Bi-212	0.981 J	0.193	0.12
7-00002	70113	Bi-214	0.977	0.0324	0.0467	70311	Bi-214	0.987	0.0418	0.0518
7-00002	70113	Cd-113m	-52.9 U	145	46.9	70311	Cd-113m	-2.95 U	166	48.8
7-00002	70113	Cm-243/244	0.00737	0.0143	0.00479	70311	Cm-243/244	0.00392 U	0.0193	0.00502
7-00002	70113	Co-60	0.0118 J	0.0206	0.00637	70311	Co-60	0.00241 U	0.0273	0.0078

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00002	70113	Cs-134	0.00214 U	0.0165	0.00551	70311	Cs-134	-0.00164 U	0.0215	0.0072
7-00002	70113	Cs-137	-0.00714 UJ	0.0181	0.00651	70311	Cs-137	-0.0174 UJ	0.0236	0.00832
7-00002	70113	Eu-152	0.0107 U	0.0537	0.0193	70311	Eu-152	-0.0334 U	0.0586	0.0221
7-00002	70113	Eu-154	0.0514 U	0.11	0.0389	70311	Eu-154	-0.0367 U	0.147	0.0455
7-00002	70113	Eu-155	0.0685 JS	0.0818	0.0277	70311	Eu-155	0.0884 JS	0.0856	0.0329
7-00002	70113	H-3	-0.622 U	8.25	2.16	70311	H-3	2.27 U	7.96	2.31
7-00002	70113	Ho-166m	-0.0146 U	0.0278	0.00906	70311	Ho-166m	-0.0102 U	0.0379	0.0115
7-00002	70113	K-40	20.8	0.14	1.29	70311	K-40	19.3	0.204	1.12
7-00002	70113	Na-22	-0.0169 UJ	0.0226	0.00803	70311	Na-22	-0.013 U	0.0307	0.00972
7-00002	70113	Nb-94	0.00749 U	0.0175	0.00532	70311	Nb-94	-0.00257 U	0.0225	0.00665
7-00002	70113	Np-236	-0.0128 U	0.0433	0.0138	70311	Np-236	0.0143 U	0.0454	0.0141
7-00002	70113	Np-239	0.0162 U	0.146	0.0449	70311	Np-239	-0.00827 U	0.164	0.0482
7-00002	70113	Pa-231	-0.164 U	0.895	0.282	70311	Pa-231	-0.344 U	1.03	0.344
7-00002	70113	Pb-212	1.5	0.0388	0.0996	70311	Pb-212	1.52	0.0411	0.0899
7-00002	70113	Pb-214	1.08	0.0381	0.0556	70311	Pb-214	1.05	0.0444	0.0537
7-00002	70113	Pu-236	-0.013 U	0.0397	0.00749	70311	Pu-236	-0.00546 UJ	0.065	0.0152
7-00002	70113	Pu-238	-0.0118 U	0.0401	0.00802	70311	Pu-238	0.00475 UJ	0.0654	0.0169
7-00002	70113	Pu-239/240	0.0028	0.00759	0.0028	70311	Pu-239/240	-0.00826 UJ	0.0441	0.00771
7-00002	70113	Pu-244	0.0028	0.00759	0.0028	70311	Pu-244	0	0.0119	0.0044
7-00002	70113	Sb-125	-0.00593 U	0.049	0.0148	70311	Sb-125	0.0196 U	0.0625	0.019
7-00002	70113	Sn-126	0.00433 U	0.0194	0.00572	70311	Sn-126	-0.0147 U	0.0248	0.0083
7-00002	70113	Sr-90	0.153	0.218	0.0719	70311	Sr-90	0.183	0.242	0.0808
7-00002	70113	Th-228	1.09	0.0595	0.115	70311	Th-228	1.22	0.105	0.13
7-00002	70113	Th-229	0.0231	0.0566	0.0173	70311	Th-229	0 U	0.0615	0.0118
7-00002	70113	Th-230	0.744	0.0565	0.0883	70311	Th-230	0.967	0.0614	0.108

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00002	70113	Th-232	1	0.0207	0.106	70311	Th-232	1.13	0.0225	0.119
7-00002	70113	Tl-208	0.452	0.0179	0.0262	70311	Tl-208	0.501	0.0246	0.0314
7-00002	70113	Tm-171	-19 UJ	21.3	8.53	70311	Tm-171	-2.26 U	15	5.06
7-00002	70113	U-233/234	0.871	0.0363	0.0956	70311	U-233/234	0.948	0.0489	0.113
7-00002	70113	U-235/236	0.0704	0.0191	0.0229	70311	U-235/236	0.0475	0.0257	0.0215
7-00003	70113	U-238	1.04	0.0363	0.109	70311	U-238	0.921	0.0208	0.11
7-00003	70194	Am-241	0.00953	0.00517	0.00429	70316	Am-241	0.0173	0.0363	0.0112
7-00003	70194	C-14	-0.0123 U	0.645	0.192	70316	C-14	0.0737 U	0.673	0.201
7-00003	70194	Cm-243/244	0.00383	0.00519	0.00272	70316	Cm-243/244	-0.00335 U	0.0399	0.00934
7-00003	70194	H-3	5.07	9.12	2.78	70316	H-3	-1.57 U	9.37	2.75
7-00003	70194	Ni-63	-0.038 U	1.31	0.389	70316	Ni-63	-0.0747 U	1.32	0.392
7-00003	70194	Pu-236	-0.00658 U	0.0229	0.00401	70316	Pu-236	-0.0039 U	0.0208	0.00364
7-00003	70194	Pu-238	0.00345 U	0.0174	0.00445	70316	Pu-238	0.00112 U	0.0158	0.0035
7-00003	70194	Pu-239/240	-0.000353 U	0.02	0.00417	70316	Pu-239/240	0.00169 U	0.0182	0.00428
7-00003	70194	Pu-244	0.00662	0.00598	0.00384	70316	Pu-244	0.00201	0.00544	0.00201
7-00003	70194	Sr-90	0.0991 U	0.321	0.0951	70316	Sr-90	0.257	0.277	0.0942
7-00003	70194	Tc-99	-0.459 U	1.36	0.394	70316	Tc-99	0.221 U	1.96	0.584
7-00003	70194	Th-228	1.05	0.0782	0.108	70316	Th-228	1.44	0.112	0.14
7-00003	70194	Th-229	0.0207	0.0508	0.0155	70316	Th-229	0.128	0.0204	0.0319
7-00003	70194	Th-230	1.09	0.0187	0.108	70316	Th-230	0.929	0.0203	0.1
7-00003	70194	Th-232	1.1	0.0186	0.108	70316	Th-232	1.2	0.055	0.119
7-00003	70194	U-233/234	1	0.0389	0.102	70316	U-233/234	0.922	0.0413	0.0932
7-00003	70194	U-235/236	0.0443	0.0388	0.0181	70316	U-235/236	0.0621	0.0153	0.0192
7-00003	70194	U-238	1.02	0.0537	0.103	70316	U-238	1.03	0.0413	0.101
7-00003	70210	Ac-227	-0.114 U	0.19	0.0637	70308	Ac-227	-0.039 U	0.165	0.0517

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00003	70210	Ac-228	1.15	0.0952	0.0557	70308	Ac-228	1.16	0.0837	0.0559
7-00003	70210	Am-241	0.00566 U	0.0174	0.00497	70308	Am-241	0.00944	0.00639	0.00475
7-00003	70210	Bi-212	0.847	0.124	0.073	70308	Bi-212	0.835	0.111	0.071
7-00003	70210	Bi-214	0.888	0.0294	0.0434	70308	Bi-214	0.858	0.0255	0.0413
7-00003	70210	Cd-113m	17.5 U	131	42.1	70308	Cd-113m	-13.1 U	109	35.5
7-00003	70210	Cm-243/244	-0.000976 U	0.0175	0.00317	70308	Cm-243/244	0.00237	0.00641	0.00237
7-00003	70210	Co-60	-0.000882 U	0.0178	0.00513	70308	Co-60	0.00225 U	0.0156	0.0046
7-00003	70210	Cs-134	0.00415 U	0.0144	0.00491	70308	Cs-134	-0.00196 U	0.0124	0.00432
7-00003	70210	Cs-137	0.0217	0.0182	0.00751	70308	Cs-137	0.00885 J	0.0167	0.00594
7-00003	70210	Eu-152	-0.014 U	0.0463	0.0151	70308	Eu-152	-0.0166 U	0.0395	0.0127
7-00003	70210	Eu-154	-0.0178 U	0.103	0.0308	70308	Eu-154	-0.0479 U	0.0896	0.0295
7-00003	70210	Eu-155	0.0712 JS	0.0675	0.0253	70308	Eu-155	0.0856 JS	0.0585	0.0236
7-00003	70210	Ho-166m	0.00687 U	0.0273	0.00823	70308	Ho-166m	-0.00557 U	0.0225	0.00706
7-00003	70210	K-40	21.3	0.134	1.34	70308	K-40	20.8	0.12	1.18
7-00003	70210	Na-22	-0.0193 UJ	0.0215	0.00823	70308	Na-22	-0.00433 U	0.0185	0.00572
7-00003	70210	Nb-94	0.000254 U	0.0149	0.00446	70308	Nb-94	-0.00279 U	0.013	0.00403
7-00003	70210	Np-236	0.0219 JS	0.0377	0.0125	70308	Np-236	-0.0141 U	0.0314	0.00989
7-00003	70210	Np-239	-0.0489 U	0.129	0.0403	70308	Np-239	-0.0761 U	0.109	0.0385
7-00003	70210	Pa-231	0.226 U	0.817	0.248	70308	Pa-231	-0.0271 U	0.68	0.21
7-00003	70210	Pb-212	1.31	0.0321	0.0799	70308	Pb-212	1.34	0.0276	0.0797
7-00003	70210	Pb-214	1.05	0.0327	0.0505	70308	Pb-214	0.931	0.0303	0.0441
7-00003	70210	Pu-236	0.00621	0.0174	0.00512	70308	Pu-236	0.00839 UJ	0.0267	0.00758
7-00003	70210	Pu-238	0.00267	0.00725	0.00268	70308	Pu-238	0.00243 UJ	0.0262	0.00619
7-00003	70210	Pu-239/240	0.00802	0.00724	0.00465	70308	Pu-239/240	-0.00626 UJ	0.0262	0.00463
7-00003	70210	Pu-244	0	0.00724	0.00268	70308	Pu-244	0.0029	0.00785	0.0029

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00003	70210	Sb-125	-0.0196 U	0.0421	0.0133	70308	Sb-125	0.0112 U	0.0375	0.0111
7-00003	70210	Sn-126	-0.000033 U	0.017	0.00507	70308	Sn-126	0.00211 U	0.0148	0.00445
7-00003	70210	Sr-90	0.0556 U	0.195	0.0576	70308	Sr-90	0.112 U	0.193	0.0606
7-00003	70210	Th-228	1.08	0.0929	0.102	70308	Th-228	1.25	0.127	0.114
7-00003	70210	Th-229	0.0328	0.0508	0.0174	70308	Th-229	0.0109 U	0.0816	0.0217
7-00003	70210	Th-230	0.934	0.0148	0.0891	70308	Th-230	0.856	0.0147	0.0836
7-00003	70210	Th-232	1.25	0.0147	0.109	70308	Th-232	1.18	0.0146	0.104
7-00003	70210	Tl-208	0.389	0.0157	0.0234	70308	Tl-208	0.397	0.0145	0.0233
7-00003	70210	Tm-171	-6.96 U	14.9	5.29	70308	Tm-171	1.48 U	11.4	3.95
7-00003	70210	U-233/234	0.805	0.0452	0.0869	70308	U-233/234	0.812	0.0634	0.0982
7-00003	70210	U-235/236	0.0803	0.0167	0.023	70308	U-235/236	0.052	0.0235	0.0216
7-00003	70210	U-238	0.826	0.0318	0.0881	70308	U-238	0.89	0.019	0.104
7-00003	70216	Ac-227	-0.021 U	0.192	0.0575	70314	Ac-227	-0.0136 U	0.18	0.0539
7-00003	70216	Ac-228	1.05	0.0943	0.0551	70314	Ac-228	1.08	0.0834	0.0559
7-00003	70216	Am-241	0.00807	0.0179	0.00558	70314	Am-241	0.00681	0.00615	0.00395
7-00003	70216	Bi-212	0.738 J	0.13	0.0753	70314	Bi-212	0.773	0.108	0.0747
7-00003	70216	Bi-214	0.769	0.0288	0.0389	70314	Bi-214	0.754	0.0259	0.0379
7-00003	70216	Cd-113m	-31.7 U	129	39.5	70314	Cd-113m	-30 U	120	37.9
7-00003	70216	Cm-243/244	0	0.00615	0.00227	70314	Cm-243/244	0.00255 U	0.0228	0.0056
7-00003	70216	Co-60	0.00263 U	0.0186	0.00546	70314	Co-60	-0.00281 U	0.0149	0.00443
7-00003	70216	Cs-134	-0.00253 U	0.0138	0.00477	70314	Cs-134	0.00109 U	0.0123	0.00415
7-00003	70216	Cs-137	-0.000495 U	0.0169	0.00581	70314	Cs-137	0.0087 J	0.0145	0.00517
7-00003	70216	Eu-152	0.0108 U	0.0472	0.0163	70314	Eu-152	0.000784 U	0.0417	0.0154
7-00003	70216	Eu-154	-0.0438 U	0.0978	0.0311	70314	Eu-154	0.0462 J	0.0878	0.0313
7-00003	70216	Eu-155	0.0504 JS	0.0706	0.0245	70314	Eu-155	0.0784 JS	0.0681	0.0279

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00003	70216	H-3	3.57 U	8.18	2.48	70314	H-3	-0.209 U	8.83	2.6
7-00003	70216	Ho-166m	-0.00524 U	0.0259	0.00788	70314	Ho-166m	-0.00258 U	0.0229	0.00679
7-00003	70216	K-40	20.7	0.12	1.29	70314	K-40	20.6	0.102	1.36
7-00003	70216	Na-22	0.00767 U	0.0214	0.00641	70314	Na-22	0.00286 U	0.0181	0.00609
7-00003	70216	Nb-94	0.00644 U	0.0152	0.00466	70314	Nb-94	0.00397 U	0.0134	0.00399
7-00003	70216	Np-236	0.00308 UJ	0.0374	0.0115	70314	Np-236	-0.027 UJ	0.0357	0.0124
7-00003	70216	Np-239	0.0347 U	0.129	0.0389	70314	Np-239	-0.0181 U	0.123	0.0371
7-00003	70216	Pa-231	-0.551 U	0.789	0.283	70314	Pa-231	0.0573 U	0.755	0.261
7-00003	70216	Pb-212	1.24	0.0321	0.0813	70314	Pb-212	1.16	0.0304	0.0785
7-00003	70216	Pb-214	0.82	0.0333	0.042	70314	Pb-214	0.817	0.03	0.0428
7-00003	70216	Pu-238	0.000544 U	0.0124	0.00239	70314	Pu-238	-0.00182 U	0.0161	0.00311
7-00003	70216	Pu-239/240	0.00776	0.00526	0.0039	70314	Pu-239/240	0.00393 U	0.0199	0.00507
7-00003	70216	Pu-244	0.00776	0.00526	0.0039	70314	Pu-244	0.000706 U	0.0161	0.00311
7-00003	70216	Sb-125	0.00911 U	0.0446	0.0137	70314	Sb-125	0.00015 U	0.0393	0.0119
7-00003	70216	Sn-126	-0.000802 U	0.0171	0.00508	70314	Sn-126	-0.00249 U	0.0147	0.0044
7-00003	70216	Sr-90	-0.0225 U	0.182	0.0484	70314	Sr-90	0.0144 U	0.153	0.0418
7-00003	70216	Th-228	1.19	0.0806	0.115	70314	Th-228	1.11	0.0778	0.112
7-00003	70216	Th-229	-0.0132 U	0.0865	0.0187	70314	Th-229	0.00711 U	0.0523	0.0123
7-00003	70216	Th-230	0.849	0.0709	0.0912	70314	Th-230	0.737	0.0192	0.0845
7-00003	70216	Th-232	1.02	0.0483	0.101	70314	Th-232	1.1	0.052	0.11
7-00003	70216	Tl-208	0.368	0.0163	0.023	70314	Tl-208	0.37	0.0139	0.0217
7-00003	70216	Tm-171	0.31 U	15.6	5.24	70314	Tm-171	-2.79 U	14.1	5.01
7-00003	70216	U-233/234	0.958	0.0319	0.0925	70314	U-233/234	0.834	0.0562	0.0928
7-00003	70216	U-235/236	0.0214	0.0318	0.0118	70314	U-235/236	0.0435	0.0441	0.0193
7-00003	70216	U-238	1.03	0.0405	0.0978	70314	U-238	0.833	0.0655	0.0932

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00003	70264	Am-241	-0.00204 U	0.0392	0.00834	70307	Am-241	0.00569 U	0.0344	0.00903
7-00003	70264	Cm-243/244	-0.0078 U	0.0414	0.00769	70307	Cm-243/244	-0.00157 U	0.0302	0.00641
7-00004	70264	Pu-236	0.00777	0.0105	0.00551	70307	Pu-236	0.00228	0.00619	0.00229
7-00004	70264	Pu-238	-0.00168 UJ	0.0301	0.00546	70307	Pu-238	0.00225	0.00609	0.00225
7-00004	70264	Pu-239/240	0.00382	0.0103	0.00382	70307	Pu-239/240	0.00449	0.00609	0.00319
7-00004	70264	Pu-244	0	0.0103	0.00382	70307	Pu-244	0.00674	0.00609	0.00391
7-00004	70264	Sr-90	-0.0105 U	0.296	0.0813	70307	Sr-90	0.0262 U	0.222	0.0634
7-00004	70264	Th-228	1.18	0.101	0.131	70307	Th-228	1.08	0.0799	0.0994
7-00004	70264	Th-229	0.00919 UJ	0.0854	0.0206	70307	Th-229	0.0572	0.0483	0.0204
7-00004	70264	Th-230	0.733	0.0852	0.0959	70307	Th-230	0.68	0.0559	0.0718
7-00004	70264	Th-232	1.19	0.0248	0.128	70307	Th-232	1.01	0.0481	0.0928
7-00004	70264	U-233/234	0.729	0.0709	0.1	70307	U-233/234	0.679	0.0373	0.0809
7-00004	70264	U-235/236	0.0476	0.0708	0.0264	70307	U-235/236	0.0185 U	0.0571	0.0163
7-00004	70264	U-238	0.686	0.0573	0.0957	70307	U-238	0.589	0.0462	0.0737
7-00004	70280	Am-241	0.00472	0.0064	0.00335	70312	Am-241	0.000585 U	0.0133	0.00258
7-00004	70280	Cm-243/244	0.00474	0.00642	0.00336	70312	Cm-243/244	-0.000923 U	0.0165	0.003
7-00004	70280	H-3	0.57 U	6.94	1.87	70312	H-3	-0.514 U	7.15	1.82
7-00004	70280	Pu-236	0.00428	0.0116	0.00429	70312	Pu-236	-0.0051 U	0.0347	0.00683
7-00004	70280	Pu-238	0.00818 UJ	0.0517	0.0136	70312	Pu-238	0.00795 U	0.0245	0.00698
7-00004	70280	Pu-239/240	0.00533 UJ	0.0266	0.00662	70312	Pu-239/240	0.000868 U	0.0198	0.00383
7-00004	70280	Pu-244	-0.003 UJ	0.0266	0.00514	70312	Pu-244	0.0062	0.00841	0.0044
7-00004	70280	Sr-90	0.103 U	0.212	0.0655	70312	Sr-90	-0.00298 U	0.425	0.12
7-00004	70280	Th-228	1.22	0.0653	0.118	70312	Th-228	1.33	0.09	0.115
7-00004	70280	Th-229	0.0406	0.0183	0.0168	70312	Th-229	0.0052 U	0.0625	0.0156
7-00004	70280	Th-230	0.864	0.0183	0.0916	70312	Th-230	0.768	0.0141	0.0761

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00005	70280	Th-232	0.943	0.0496	0.0973	70312	Th-232	1.19	0.014	0.102
7-00005	70280	U-233/234	0.901	0.0411	0.0954	70312	U-233/234	0.956	0.0363	0.102
7-00005	70280	U-235/236	0.0515	0.0175	0.0186	70312	U-235/236	0.0231	0.0449	0.0151
7-00005	70280	U-238	0.83	0.0332	0.0896	70312	U-238	0.832	0.0154	0.0921
7-00005	70284	Ac-227	0.0237 U	0.218	0.067	70305	Ac-227	-0.0302 U	0.186	0.0557
7-00005	70284	Ac-228	1.3	0.14	0.0646	70305	Ac-228	1.29	0.107	0.0613
7-00005	70284	Am-241	0.00947 UJ	0.0599	0.0158	70305	Am-241	0.00117 U	0.0318	0.00749
7-00005	70284	Bi-212	0.945 J	0.186	0.105	70305	Bi-212	1.01	0.148	0.0902
7-00005	70284	Bi-214	1.07	0.0417	0.055	70305	Bi-214	1.01	0.033	0.0496
7-00005	70284	Cd-113m	-28.6 U	141	44.4	70305	Cd-113m	-47.7 U	126	39.3
7-00005	70284	Cm-243/244	0.0194	0.0132	0.00979	70305	Cm-243/244	0.00117 U	0.0319	0.00752
7-00005	70284	Co-60	-0.00148 U	0.0265	0.00762	70305	Co-60	0.00835 U	0.0206	0.00613
7-00005	70284	Cs-134	0.000296 U	0.0214	0.00737	70305	Cs-134	0.00614 U	0.0162	0.00549
7-00005	70284	Cs-137	0.0356	0.0228	0.0087	70305	Cs-137	0.0399	0.0196	0.00755
7-00005	70284	Eu-152	-0.0398 UJ	0.0548	0.019	70305	Eu-152	-0.0229 U	0.0466	0.0172
7-00005	70284	Eu-154	-0.00211 U	0.141	0.0416	70305	Eu-154	-0.0669 U	0.113	0.0387
7-00005	70284	Eu-155	0.0829 JS	0.0612	0.0249	70305	Eu-155	0.0888 JS	0.0588	0.0248
7-00005	70284	Ho-166m	0.00411 U	0.0382	0.0109	70305	Ho-166m	0.00258 U	0.0292	0.00859
7-00005	70284	K-40	22.7	0.223	1.26	70305	K-40	22.6	0.148	1.28
7-00005	70284	Na-22	-0.0112 U	0.0309	0.00948	70305	Na-22	0.00528 U	0.0245	0.0072
7-00005	70284	Nb-94	0.00182 U	0.0222	0.00636	70305	Nb-94	0.00684 U	0.0175	0.00533
7-00005	70284	Np-236	-0.0173 U	0.0342	0.011	70305	Np-236	0.0242 JS	0.0334	0.0116
7-00005	70284	Np-239	-0.0114 U	0.14	0.043	70305	Np-239	0.0358 U	0.123	0.037
7-00005	70284	Pa-231	0.425 UJ	0.924	0.296	70305	Pa-231	-0.111 UJ	0.77	0.239
7-00005	70284	Pb-212	1.47	0.0365	0.0835	70305	Pb-212	1.52	0.0314	0.0883

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00005	70284	Pb-214	1.12	0.042	0.0538	70305	Pb-214	1.14	0.0342	0.0536
7-00005	70284	Pu-236	-0.00848 UJ	0.0427	0.00826	70305	Pu-236	0.0163	0.0319	0.0101
7-00005	70284	Pu-238	0.0136	0.0321	0.00977	70305	Pu-238	-0.00321 U	0.0382	0.00851
7-00005	70284	Pu-239/240	-0.00764 UJ	0.032	0.00566	70305	Pu-239/240	0.00259 U	0.0279	0.00657
7-00005	70284	Pu-244	0	0.00959	0.00354	70305	Pu-244	0.000862 U	0.0196	0.0038
7-00005	70284	Sb-125	-0.0125 U	0.0562	0.017	70305	Sb-125	-0.0031 U	0.047	0.0143
7-00005	70284	Sn-126	-0.00342 U	0.0236	0.00688	70305	Sn-126	-0.00557 U	0.0186	0.00571
7-00005	70284	Sr-90	-0.0418 U	0.283	0.0735	70305	Sr-90	0.0413 U	0.191	0.0537
7-00005	70284	Th-228	1.34	0.075	0.132	70305	Th-228	1.27	0.0932	0.122
7-00005	70284	Th-229	0.0611	0.0562	0.0244	70305	Th-229	0.0202 U	0.0625	0.0178
7-00005	70284	Th-230	0.785	0.0206	0.0904	70305	Th-230	0.718	0.0494	0.0814
7-00005	70284	Th-232	1.29	0.0559	0.126	70305	Th-232	1.14	0.0181	0.11
7-00005	70284	Tl-208	0.494	0.0226	0.0305	70305	Tl-208	0.469	0.0183	0.0272
7-00005	70284	Tm-171	1.45 U	8.11	2.6	70305	Tm-171	-3.91 U	10.9	3.81
7-00005	70284	U-233/234	0.633	0.0158	0.0767	70305	U-233/234	0.669	0.0151	0.0784
7-00005	70284	U-235/236	0.0432	0.0195	0.0179	70305	U-235/236	0.00687	0.0186	0.00688
7-00005	70284	U-238	0.772	0.046	0.0886	70305	U-238	0.707	0.0354	0.0816
7-00005	70321	Ac-227	0.0402 U	0.169	0.0518	70317	Ac-227	0.0229 U	0.165	0.0481
7-00005	70321	Ac-228	1.13	0.0817	0.055	70317	Ac-228	1.17	0.0776	0.0555
7-00005	70321	Am-241	0.0055	0.0154	0.00453	70317	Am-241	0.00797	0.0072	0.00462
7-00005	70321	Bi-212	0.83	0.106	0.0679	70317	Bi-212	0.766	0.104	0.0736
7-00005	70321	Bi-214	0.941	0.0252	0.0439	70317	Bi-214	1.01	0.0245	0.0456
7-00005	70321	C-14	-0.116 U	0.728	0.215	70317	C-14	0.0584 U	0.725	0.217
7-00005	70321	Cd-113m	30.8 U	113	37.4	70317	Cd-113m	-39.9 U	107	32.9
7-00005	70321	Cm-243/244	0.00483	0.00654	0.00342	70317	Cm-243/244	0.0034 U	0.0169	0.00423

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00005	70321	Co-60	-0.0131 UJ	0.0135	0.00532	70317	Co-60	0.00569 U	0.0144	0.00434
7-00005	70321	Cs-134	0.00108 U	0.0121	0.00414	70317	Cs-134	0.00412 U	0.0122	0.00422
7-00005	70321	Cs-137	-0.00816 U	0.0143	0.00482	70317	Cs-137	-0.00244 U	0.0145	0.00513
7-00005	70321	Eu-152	-0.0266 U	0.04	0.0151	70317	Eu-152	-0.0198 U	0.0393	0.0136
7-00005	70321	Eu-154	-0.0423 U	0.0821	0.0267	70317	Eu-154	-0.0276 U	0.0817	0.0254
7-00005	70321	Eu-155	0.0589 JS	0.0596	0.0221	70317	Eu-155	0.0621 JS	0.0569	0.022
7-00005	70321	H-3	3.41 U	8.98	2.71	70317	H-3	2.48 U	9.03	2.71
7-00005	70321	Ho-166m	0.00204 U	0.0226	0.00676	70317	Ho-166m	-0.0079 U	0.0214	0.00693
7-00005	70321	I-129	-0.0468 U	0.437	0.0962	70317	I-129	-0.0425 U	0.789	0.183
7-00005	70321	K-40	21.7	0.111	1.29	70317	K-40	21	0.0978	1.18
7-00005	70321	Na-22	-0.00709 U	0.0169	0.00543	70317	Na-22	-0.00696 U	0.0164	0.00531
7-00005	70321	Nb-94	0.00477 U	0.0131	0.00402	70317	Nb-94	-0.00216 U	0.0126	0.00392
7-00005	70321	Ni-59	-0.854 U	3.89	1.15	70317	Ni-59	-2.63 U	5.54	1.79
7-00005	70321	Ni-63	-0.0969 U	1.28	0.383	70317	Ni-63	-0.0231 U	1.09	0.324
7-00005	70321	Np-236	-0.00465 UJ	0.0322	0.00956	70317	Np-236	-0.00808 UJ	0.0315	0.00979
7-00005	70321	Np-239	0.014 U	0.113	0.0343	70317	Np-239	-0.0121 U	0.109	0.0341
7-00005	70321	Pa-231	-0.388 U	0.674	0.229	70317	Pa-231	0.311 U	0.68	0.209
7-00005	70321	Pb-212	1.31	0.0281	0.0804	70317	Pb-212	1.25	0.0287	0.0736
7-00005	70321	Pb-214	1.08	0.029	0.0528	70317	Pb-214	1.05	0.029	0.0495
7-00006	70321	Pu-238	-0.00341 U	0.0187	0.00338	70317	Pu-238	0.00214	0.00581	0.00215
7-00006	70321	Pu-239/240	0.00199 U	0.0214	0.00505	70317	Pu-239/240	0.0113	0.0137	0.0055
7-00006	70321	Pu-244	0.00236	0.00641	0.00237	70317	Pu-244	0.0129	0.00581	0.00529
7-00006	70321	Sb-125	-0.00858 U	0.0368	0.0111	70317	Sb-125	0.00918 U	0.0359	0.0107
7-00006	70321	Sn-126	0.00117 U	0.0145	0.00435	70317	Sn-126	-0.00417 U	0.0141	0.00447
7-00006	70321	Sr-90	0.207	0.24	0.0799	70317	Sr-90	0.141	0.151	0.0517

Table A.3
Parent and Field Duplicate Results Summary
Subarea 7, Round 1

Sample Location	Parent Sample					Field Duplicate				
	Sample Id	Analyte Name	Activity	MDC	TPU	Sample Id	Analyte Name	Activity	MDC	TPU
7-00006	70321	Tc-99	0.166 U	1.49	0.443	70317	Tc-99	-0.556 U	1.45	0.415
7-00006	70321	Th-228	1.39	0.108	0.131	70317	Th-228	1.07	0.125	0.114
7-00006	70321	Th-229	0.0284 U	0.0932	0.0266	70317	Th-229	0.0147	0.0199	0.0104
7-00006	70321	Th-230	1.06	0.0658	0.107	70317	Th-230	0.918	0.0199	0.0989
7-00006	70321	Th-232	1.4	0.0192	0.128	70317	Th-232	0.9	0.0539	0.0981
7-00006	70321	Tl-208	0.383	0.0142	0.022	70317	Tl-208	0.397	0.0138	0.022
7-00006	70321	Tm-171	-6.49 U	9.77	3.79	70317	Tm-171	2.51 U	10.5	3.52
7-00006	70321	U-233/234	0.923	0.0398	0.0961	70317	U-233/234	0.871	0.0453	0.092
7-00006	70321	U-235/236	0.0499	0.0169	0.018	70317	U-235/236	0.045	0.0394	0.0183
7-00006	70321	U-238	0.878	0.0137	0.0923	70317	U-238	0.912	0.0545	0.0955

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.

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.

L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.

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

U J - Not considered detected. The associated number is the reported concentration, which may be inaccurate.

Table A.4
Rinsate and Source Comparison Summary
Subarea 7, Round 1

Sample Type	Sample ID	H-3 ¹			U-233/234			U-235/236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0261	150 J	313	96.3	0.00323 U	0.0408	0.158	0.0181 U	0.0233	0.0915	0.00525 U	0.0164	0.074
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0263	282 J	317	104	0.0219 J	0.0175	0.0585	-0.00499 U	0.0162	0.0895	0.0169 U	0.0217	0.0831
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0265	--	--	--	-0.0358 U	0.0196	0.112	0 J	0.0112	0.0302	-0.00144 U	0.017	0.0816
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0267	--	--	--	0.0171 U	0.0179	0.0671	0.00365 U	0.0161	0.0829	0.0211 J	0.015	0.0285
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0269	-79 U	319	88.8	0.0104 U	0.0202	0.0857	0.0134 J	0.0135	0.0364	-0.00782 U	0.0134	0.0692
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0271	198 J	319	100	0.00886 U	0.0239	0.0963	-0.00458 U	0.0183	0.0924	-0.0158 U	0.0191	0.0963
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0273	--	--	--	-0.0847 U	0.046	0.208	0 J	0.0128	0.0346	-0.0297 U	0.0234	0.118
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0275	--	--	--	-0.0113 U	0.0194	0.0846	0.00704 J	0.00706	0.0191	-0.00661 U	0.00912	0.0516
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0277	--	--	--	-0.0166 U	0.0125	0.0713	0.0176 J	0.0125	0.0238	0.00398 U	0.0124	0.0561
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0279	--	--	--	-0.0251 U	0.0153	0.0873	-0.00775 U	0.0133	0.0685	0 J	0.00872	0.0236
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0283	--	--	--	-0.0238 U	0.0151	0.0764	0.0132 J	0.00938	0.0179	-0.00086 U	0.0101	0.0484
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0297	32.7 U	326	95.1	-0.0177 U	0.0207	0.101	-0.0016 U	0.0189	0.0908	0.0104 U	0.0129	0.0517
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 7, Round 1

Sample Type	Sample ID	H-3 ¹			U-233/234			U-235/236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0299	-46.4 U	447	128	-0.0306 U	0.0156	0.0899	0.0159 U	0.0205	0.0804	-0.00726 U	0.0167	0.0828
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0301	88 U	325	97	-0.0295 U	0.0163	0.0898	0.017 J	0.0121	0.023	0.00385 U	0.012	0.0542
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0303	--	--	--	-0.0271 U	0.0149	0.0858	0.00908 J	0.0091	0.0246	0.00734 J	0.00736	0.0199
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0305	--	--	--	-0.02 U	0.0179	0.0941	0.0155 U	0.02	0.0786	0 J	0.00808	0.0218
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0307	--	--	--	-0.00175 U	0.016	0.0771	-0.00758 U	0.013	0.0671	-0.0136 U	0.0183	0.0928
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0309	--	--	--	0.0302 U	0.0239	0.081	0.021 J	0.0173	0.0585	0.0223 J	0.013	0.0201
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0313	--	--	--	0.0213 U	0.0211	0.0758	0.00523 U	0.0163	0.0736	0.0151 J	0.0107	0.0205
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0315	--	--	--	-0.0164 U	0.0155	0.0882	0.00609 U	0.019	0.0857	0.025 U	0.0226	0.0796
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0317	14.3 U	315	91	-0.0187 U	0.013	0.0734	-0.00721 U	0.0124	0.0638	-0.00357 U	0.0116	0.0639
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0319	--	--	--	-0.0105 U	0.0132	0.0749	-0.00736 U	0.0126	0.0652	0.00827 J	0.00829	0.0224
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0321	157 J	315	97.1	-0.0211 U	0.0274	0.135	-0.0206 U	0.0204	0.113	0 J	0.0116	0.0313
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0323	--	--	--	-0.00141 U	0.0164	0.0787	0.0138 U	0.0171	0.0685	-0.0313 U	0.0165	0.0948
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 7, Round 1

Sample Type	Sample ID	H-3 ¹			U-233/234			U-235/236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0325	--	--	--	-0.0167 U	0.0112	0.064	0.0101 U	0.0125	0.0502	-0.00561 U	0.0129	0.064
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0327	--	--	--	0.0224 J	0.017	0.0565	0.00248 U	0.0109	0.0564	0.0112 U	0.0144	0.0565
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0329	14 U	314	90.7	-0.00879 U	0.00865	0.0234	0 J	0.0107	0.0289	-0.0124 U	0.0123	0.068
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0331	150 J	317	97.3	0.00412 U	0.00898	0.0418	0.0104 U	0.0129	0.0517	0.00657 J	0.00658	0.0178
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0400	151 U	319	98.1	-0.0303 U	0.0177	0.1	-0.00985 U	0.0169	0.0871	-0.0208 U	0.0194	0.111
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0402	-8.4 U	311	89	0.0202 J	0.016	0.034	0.0155 J	0.0155	0.042	0.0376 J	0.0219	0.034
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0404	--	--	--	0.0657 J	0.0452	0.148	0 J	0.0148	0.04	0.0119 J	0.012	0.0324
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0406	--	--	--	-0.0531 U	0.0312	0.169	-0.0115 U	0.0198	0.102	-0.00207 U	0.0244	0.117
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0408	69.3 U	329	97.3	-0.0213 U	0.0126	0.0694	-0.00783 U	0.0134	0.0693	-0.00387 U	0.0126	0.0694
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0410	191 J	317	99.4	0.0214 U	0.0181	0.0624	-0.0224 U	0.0181	0.0903	0.0412 J	0.0183	0.0484
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0412	-39.9 U	338	96.1	0.00089 U	0.00689	0.0356	0.0069 J	0.00691	0.0187	0.00469 U	0.0119	0.0505
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0414	--	--	--	-0.015 U	0.0118	0.0663	-0.0108 U	0.0108	0.0594	0.00779 U	0.00967	0.0388
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 7, Round 1

Sample Type	Sample ID	H-3 ¹			U-233/234			U-235/236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0416	74.8 U	328	97.4	0.00725 U	0.0112	0.0479	0.0186 J	0.0132	0.0252	-0.00331 U	0.0107	0.0593
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0418	131 U	316	96.2	0.0092 U	0.0128	0.0498	0.0155 J	0.0128	0.0433	0.0187 U	0.0171	0.0599
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0422	266 J	329	107	-0.00454 U	0.0201	0.0895	0.019 J	0.0135	0.0257	0.0175 J	0.0144	0.0488
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0424	118 U	323	97.6	-0.0025 U	0.0151	0.0706	-0.00626 U	0.0107	0.0554	-0.0132 U	0.0123	0.0706
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0434	50.4 U	329	96.5	-0.0165 U	0.0127	0.0729	-0.00647 U	0.0111	0.0572	0.0218 J	0.0127	0.0197
Source	S0278	42 U	270	79.8	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931
Rinsate	R0438	--	--	--	-0.0374 U	0.0198	0.11	0.0343 J	0.0244	0.0465	0.0178 U	0.0221	0.0885
Source	S0278	--	--	--	0.0143 U	0.0593	0.0159	0.00227 U	0.0516	0.01	0.0131 J	0.0178	0.00931

Notes:

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

¹H-3 analyses was only required if it was included in the analytical suite for samples collected that day.

Reporting units in picocuries per liter.

-- tritium analysis was not required for this sample.

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.