FINAL
TECHNICAL MEMORANDUM
SUBAREA 6 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 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, Amendment 3. 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. Round 1 soil sample locations were identified from these lines of evidence, then a Field Sampling Plan (FSP) Addendum for the subarea was prepared. The potential soil sampling locations were presented to USEPA's SSFL Technical Stakeholder Workgroup, and locations were reviewed and finalized.

This Technical Memorandum documents the soil sampling activities, analytical results, and conclusions of the Subarea 6 round 1 soil sampling. The primary objective of the Subarea 6 soil sampling effort was 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.

2.0 SOIL SAMPLING ACTIVITIES

2.1 Soil Sample Location Placement and Utility Clearance

A total of 518 surface, subsurface, and drainage samples were proposed in the Subarea 6 Addendum to the FSP for Soil Sampling (HGL, 2011a). The proposed sampling locations were discussed during a technical review meeting held on June 15, 2011, with members of USEPA's SSFL Technical Stakeholder Workgroup consisting of representatives of the Department of Energy (DOE), the State of California Department of Toxic Substances Control (DTSC), The Boeing Company (Boeing), USEPA, and the community.

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

2.2 Sample Collection

Surface soil 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 FSP Addendum for Subarea 6 (HGL, 2011a). Soil cores were logged and the boring logs are provided in Attachment 2. A total of 437 surface, subsurface, and drainage soil samples were collected within Subarea 6 from July 11 to November 30, 2011.

During the sampling effort, some samples could not be obtained due to conditions encountered in the field. Table 1 summarizes the number of each sample type proposed (surface soil, subsurface soil, and drainage) and the number actually collected. Figure 1 illustrates soil sample locations (proposed and collected). Deviations from the FSP Addendum are described in Section 2.3 and summarized in Table 2.

The Sodium Reactor Experiment (SRE) Tarp area has been designated as a Likely Decontamination and Decommissioning Zone (LD&DZ) and the SRE Pond area has been designated as a Likely Chemical Remediation Zone (LCRZ). USEPA understands that most, if not all, surface soil and infrastructure (building structures, concrete slabs, aboveground 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 within these zones to define potential contamination at depth, and placed surface and subsurface samples around the zone's perimeter to better define the potential extent of contamination associated with such zones. In accordance with USEPA's role under the Administrative Order on Consent (AOC) for Remedial Action (DTSC, 2010) between DTSC and DOE for the SSFL site, USEPA will conduct confirmation soil sampling to verify that site remediation goals have been achieved at all such remediation zones. These follow-on efforts

are not included in the current scope of work and will be accomplished using additional external funding.

2.3 Deviations from the Field Sampling Plan Addendum

Table 2 summarizes the deviations from the FSP and details why the planned sample was not collected. Soil samples could not be collected from 81 locations.

Subsurface soil samples were not collected from 79 locations due to shallow refusal and insufficient soil volume. A subsurface soil sample was not collected from Location 282 at the planned 30 to 35-foot below ground surface (bgs) interval due to a shallow refusal at 4 feet bgs. Therefore, the sample was collected from the 1 to 4 foot interval. Subsurface samples were not collected from Locations 140 and 141, as they are located within archaeologically significant zones where no soil disturbance is permitted.

A drainage sample was not collected from Location 189, as it was located within a concrete V-ditch where no soil was present. A subsurface sample was attempted next to the V-ditch at Location 189 but shallow refusal was encountered and no sample could be collected.

2.4 Soil Boring Summary

A total of 320 subsurface borings were attempted, of which 241 were completed to a depth at which sufficient soil volume was present to obtain a sample. Samples could not be collected at the remaining 79 locations due to shallow refusal and insufficient soil volume. Of the 320 borings attempted, 65 borings were advanced to the proposed depth of 10 feet bgs or deeper (HGL, 2011a). The total depths of soil borings completed to the proposed depth ranged from 10.0 feet to 21.3 feet bgs. Refusal was encountered in 255 borings before the proposed depth was reached because rubble was present in the fill material, or because bedrock was encountered. Of the 255 borings that were not completed to the proposed depth, 202 could be advanced to only 0.25 to 5.0 feet bgs, and 53 could be advanced to only 5.0 to 10.0 feet bgs. Refusal was encountered in 13 of the borings due to rubble present in fill material, and in 242 borings the planned depth could not be reached because bedrock was encountered.

Soil samples were classified and described in accordance with the 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 206 locations encountered fill material in all or a portion of the boring. The average thickness of the fill material was 4.0 feet. 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 148 of the 206 borings. A total of 106 borings consisted of only native soil with an average thickness of 2.9 feet. A summary of the Boring Log information is presented in Table A.1 and the boring logs are provided in Attachment 2.

In February, 2012 four deep borings were completed within the footprint of former SRE Building 4143. The borings were advanced using a sonic drilling rig which had the ability to drill through concrete and other rubble that the DPT rig could not drill through. The primary

purpose of the deep boreholes was to characterize potential radiological contamination in soils beneath the former nuclear reactor deep concrete vault. A total of eight soil samples were collected from the four borings. These samples were analyzed for the SSFL Default suite plus tritium (H-3), carbon-14 (C-14), nickel (Ni)-59, Ni-63, and technetium (Tc)-99. Analytical results will be presented in the Subarea 6 Round 2 Technical Memorandum.

3.0 ROUND 1 SOIL ANALYTICAL RESULTS

Analyses of soil samples were conducted in accordance with the Final Quality Assurance Project Plan (QAPP) for Soil Sampling, Revision 01 (HGL, 2012b).

3.1 Radiological Trigger Levels

Analytical results were compared to the radiological trigger levels (RTL) established specifically for the Area IV SSFL Radiological Study. RTLs are reference soil concentrations for the radionuclides of concern for the Radiological Study. Analytical results less than RTLs are considered uncontaminated or non-actionable, and results that exceed RTLs are actionable and may represent contamination, particularly for radionuclides originating from anthropogenic sources. 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, 2011c), 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) where developed, which are 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 437 samples were collected during the Subarea 6, round 1 soil sampling event. 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 the SRE also were analyzed for the site-specific analytes C-14, H-3, iodine (I)-129, Ni-59, Ni-63 and Tc-99 in accordance with the rationale presented in Table 2.3 of the FSP for Soil Sampling (HGL, 2012a).

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.

It should be noted that 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 54 locations (60 samples) containing 71 site related man-made radionuclides that exceeded RTLs. Table 3 summarizes the RTL exceedances identified during round 1 sampling by number of locations, 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
Liquid and Gas Radioactive Storage Tanks Area	15	17	23
Sodium Reactor Experiment Northern Ditch	11	12	15
Sodium Reactor Experiment Pond	3	5	6
Hot Oil Sodium Wash Pad	3	3	3
Former Cooling Towers	2	2	2
SRE and Former Building 4003	3	3	3
Fuel Storage Area	6	7	8
New Conservation Yard	10	10	10
Old Conservation Yard	1	1	1
Total	**54**	**60**	**71**

At 53 locations (59 samples) cesium (Cs)-137 exceeded the RTL of 0.207 picocuries per gram (pCi/g) and strontium (Sr)-90 exceeded the RTL of 0.485 pCi/g at 9 locations (10 samples). Cobalt (Co)-60 and plutonium (Pu)-239/240 exceeded their RTL of 0.028 pCi/g and 0.0404 pCi/g, respectively, in the surface soil sample collected from Location 290. Soil samples reported to contain radionuclide concentrations at or above the respective RTL were identified in nine primary areas within Subarea 6 as summarized below:

- **Liquid and Gas Radioactive Storage Tanks Area (Figure 2)**
  - Radionuclides were detected at concentrations exceeding the RTLs at 15 locations (17 samples) collected in the vicinity of the liquid and gas radioactive storage tanks on the hillside immediately north of the former SRE.

  - Cesium-137 was detected at all 15 locations (17 samples) at concentrations from 0.257 pCi/g to 46.4 pCi/g. The highest Cs-137 concentration was detected in the surface soil sample collected at Location 293.
  - Strontium-90 was detected at six locations (six samples) concentrations from 0.523 pCi/g to 2.39 pCi/g. The highest Sr-90 concentration was detected in the surface soil sample collected at Location 294.
- **Sodium Reactor Experiment Northern Ditch (Figure 3)**
  - Radionuclides were detected at concentrations exceeding the RTLs at 11 locations (12 samples) within the ditch immediately north of the former SRE.
  - Cesium-137 was detected at all 11 locations (12 samples) at concentrations from 0.405 pCi/g to 24.3 pCi/g. The highest Cs-137 concentration was detected in the surface soil sample collected from Location 290.
  - The surface soil sample collected from Location 290 also contained Co-60 at a concentration of 0.048 pCi/g, Pu-239/240 at a concentration of 0.0515 pCi/g, and Sr-90 at a concentration of 21.3 pCi/g that exceeded their RTLs of 0.028 pCi/g, 0.0404 pCi/g, and 0.485 pCi/g, respectively.
- **Sodium Reactor Experiment Pond (Figure 4)**
  - Radionuclides were detected at concentrations exceeding the RTLs at three locations (five samples) within the former boundaries of the SRE Pond.
  - Cesium-137 was detected at all three locations (five samples) at concentrations from 0.229 pCi/g to 1.21 pCi/g. The highest concentration was reported in the subsurface soil sample collected from Location 34 at 1.0 to 5.0 feet bgs.
  - Strontium-90 was also detected at a concentration of 0.641 pCi/g in the subsurface soil sample collected from Location 34 at 1.0 to 5.0 feet bgs.
- **Hot Oil Sodium Wash Pad (Figure 4)**
  - Cesium-137 was detected in the surface soil samples collected from Locations 302, 303 and 304 at concentrations of 1.86 pCi/g, 1.18 pCi/g, 0.876 pCi/g, respectively.
- **Former Cooling Towers (Figure 4)**
  - Surface soil samples collected from Locations 281 and 300 contained Cs-137 at concentrations of 0.497 pCi/g and 1.44 pCi/g, respectively.
- **SRE and Former Building 4003 (Figure 5)**
  - Surface soil samples collected from Locations 5, 29, and 229 contained Cs-137 at concentrations of 0.241 pCi/g, 0.225 pCi/g and 1.02 pCi/g, respectively.
- **Fuel Storage Area (Figure 6)**
  - Radionuclides were detected at concentrations exceeding the RTLs at six locations (seven samples) within the Fuel Storage Area.
  - Cesium-137 was detected at five locations (six samples) at concentrations from 0.485 pCi/g to 196 pCi/g. The highest concentration was detected in the surface soil sample collected from Location 306.
  - Strontium-90 was detected in the surface soil sample collected from Location 243 at a concentration of 0.557 pCi/g and in the subsurface sample collected from Location 306 at a concentration 0.882 pCi/g.

- **New Conservation Yard (Figure 7)**
  - Cesium-137 was detected at 10 locations (10 samples) at concentrations from 0.21 pCi/g to 4.61 pCi/g. The highest activity was detected in the surface soil sample collected from Location 314.
- **Old Conservation Yard (Figure 8)**
  - Cesium-137 exceeded the RTL at a concentration of 3.42 pCi/g in one surface soil sample collected from Location 311.

There were seven naturally occurring radionuclides, also known as Naturally Occurring Radioactive Material (NORM), detected above the RTLs in four surface soil samples. Three of these four samples also contained site related man-made radionuclides. Step-out sampling locations were placed around Locations 292, 314, and 45 based on the Cs-137 concentrations that exceeded the RTL of 0.207 pCi/g in samples 60450 (0.894 pCi/g), 60494 (4.61 pCi/g), and 60542 (0.389 pCi/g). No step-out sampling locations were placed at the sole NORM exceedance location.

Table 4 presents the soil samples with radionuclide concentrations above RTLs including sample location, sample type, radionuclide concentration, and technical justification for collecting additional step-out soil samples. Table 5 presents the location, sample identification, radionuclide, activity, MDC, RTL, and sample depth of the NORMs that exceeded the RTLs. Figure 1 presents the locations of all the soil samples collected during round 1. Figures 2 through 8 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.

Unfortunately, during a stakeholder meeting on February 22, 2012, some preliminary draft results were presented to the group that was erroneous. Several exceedances that were shared, namely H-3 and C-14 in the SRE area, were in fact, not present. This was due to a transcription error involving matrix spike samples. USEPA and HGL have since added additional steps to correct the database reporting problem.

3.3 Subarea 6 Radiological Trigger Level Data Gap Result Evaluations

A data 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 gap assessment.

Remaining data gap results are evaluated on a case by case basis to determine whether further action is warranted or beneficial. Out of 447 samples with 23,014 total results, there are 40 such data gaps in Subarea 6.

- Of the 40 data gaps requiring further assessment, 18 data gap samples have RTL exceedances for other analytes. Further clarification of these data 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 gap analytes, as well as the confirmed exceedances. The samples for which this condition applies are summarized below in Table 7.
- Of the remaining 22 data gaps, 14 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 gaps do not support a determination of an exceedance and no further action is planned. An additional 14 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.
- A gamma spectrometry result for Co-60 in sample 60046 relies on gamma ray emissions at a somewhat higher energy, which is less subject to the Compton interference discussed above. In this case, the low sample density, and the resulting small sample aliquant for analysis, may have contributed to the data gap. A recount of the sample for longer count duration may eliminate the data gap, which is relatively small. The laboratory will be requested to recount the existing sample to achieve an MDC of less than 0.028 pCi/g (the analyte RTL), if possible.
- Sample 60226 has a data gap for Am-241 that appears to be related to a reduced chemical yield (58 percent). It is observed that the reported analysis is a re-preparation of the original analysis batch, which was re-prepared for reasons other than the data quality results for this sample. The original analysis of this sample meets the data quality requirements for comparison to the RTL and the sample activity does not exceed the RTL. The sample is not believed to be a potential exceedance and further reanalysis will not be required.
- Sample 60123 has a data gap for Pu-236, resulting from low chemical yield. Similarly, sample 60116 has a data gap for Pu-238, also resulting from low chemical yield. Both samples initially demonstrated low chemical yield, were re-prepared and had to undergo additional treatment to remove observed matrix interference effects, and were ultimately analyzed with chemical yields of 37 percent and 30 percent, respectively. A third attempt for the isotopic plutonium method is not expected to result in significantly improved data quality and no further action is recommended.

- Sample 60490 has a data gap for Pu-238 that appears to be related to the laboratory's use of an alpha spectrometry detector with a relatively high background count rate for the Pu-238 region of interest. While this is a problematic region of the spectrum for controlling background activity, the data quality may benefit from reanalysis of the sample on a lower background detector, or for longer count duration, or both. 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.
- Sample 60107 shows a data gap for Tc-99. A review of the laboratory's data report shows that that sample was analyzed on a different detector than all other samples in the batch and that the sample was counted for only 30 minutes, instead of the 50 minute count duration used for all other samples in the batch. The laboratory's report does not provide an explanation for the different analytical treatment for this sample.
- While it is unlikely that a recount of the sample will be successful, due to the limited shelf-life for prepared liquid scintillation sources, longer sample count duration is likely to provide the needed results. Rather than a recount of this sample, the laboratory will be requested to prepare a new aliquant for analysis, and to count the sample long enough to achieve an MDC of less than 1.7 pCi/g, in addition to meeting the default project DQOs.
- Samples 60334 and 60412 have data gaps for thorium (Th)-229 that appear to be related to the laboratory's use of alpha spectrometry detector with a relatively high background count rates for the Th-229 region of interest. The data quality for both samples may benefit from reanalysis of the sample on a lower background detector, or for longer count duration, or both. The laboratory will be requested to recount the existing sample or prepare new aliquants for analysis and to meet the project DQOs, in addition to achieving an MDC of less than 0.145 pCi/g (the analyte RTL), if possible.

In Table 6 below, the samples shown will be either recounted or prepared for reanalysis in order to achieve an MDC that is no higher than the project RTLs.

Table 6
Samples to be Recounted or Reanalyzed

Sample Identification	Analyte	RTL
60046	Co-60	0.028
60107	Tc-99	1.63
60334	Th-229	0.145
60412	Th-229	0.145
60490	Pu-238	0.0415

Table 7
Data Gap Samples with Existing Radiological Trigger Level Exceedances

Sample Identification	Analyte	Concentration	1σ TPU	MDC	RTL	Comment
60065	Am-241	0.0168	0.0168	0.0593	0.0454	Data Gap
60065	Cs-137	0.475	0.0281	0.0181	0.207	RTL Exceedance
60330	Eu-152	-0.0135	0.0384	0.0645	0.0566	Data Gap
60330	Cs-137	0.494	0.0314	0.0206	0.207	RTL Exceedance
60422	Cs-137	0.405	0.0237	0.0172	0.207	RTL Exceedance
60446	Pa-231	0.0716	0.438	1.45	0.936	Data Gap
60446	Co-60	0.048	0.0061	0.0149	0.028	RTL Exceedance
60446	Cs-137	24.3	1.27	0.0217	0.207	RTL Exceedance
60446	Pu-239/240	0.0515	0.0147	0.0294	0.0404	RTL Exceedance
60446	Sr-90	21.3	1.99	0.229	0.485	RTL Exceedance
60448	Sr-90	0.167	0.19	0.661	0.485	Data Gap
60448	Cs-137	2.18	0.115	0.0127	0.207	RTL Exceedance
60452	Eu-152	-0.0284	0.0493	0.154	0.0566	Data Gap
60452	Np-239	-0.0132	0.107	0.359	0.139	Data Gap
60452	Cs-137	46.4	2.47	0.0336	0.207	RTL Exceedance
60454	Ac-227	0.0102	0.108	0.363	0.217	Data Gap
60454	Np-239	0.0929	0.0714	0.232	0.139	Data Gap
60454	Cs-137	11.3	0.63	0.028	0.207	RTL Exceedance
60454	Sr-90	2.39	0.258	0.187	0.485	RTL Exceedance
60458	Pu-238	0.0153	0.018	0.0639	0.0415	Data Gap
60458	Cs-137	1.35	0.0722	0.0123	0.207	RTL Exceedance
60478	Ac-227	-0.124	0.333	1.07	0.217	Data Gap
60478	Eu-152	-0.015	0.0938	0.288	0.0566	Data Gap
60478	Np-236	0.042	0.05	0.163	0.047	Data Gap
60478	Np-239	-0.0477	0.212	0.684	0.139	Data Gap
60478	Pa-231	-1.1	1.43	4.5	0.936	Data Gap
60478	Sn-126	0.0093	0.0076	0.0244	0.0237	Data Gap
60478	Cs-137	196	10.2	0.103	0.207	RTL Exceedance
60540	Pa-231	0.444	0.568	1.79	0.936	Data Gap
60540	Cs-137	74.9	3.91	0.0275	0.207	RTL Exceedance
60540	Sr-90	0.882	0.23	0.607	0.485	RTL Exceedance
60542	Eu-152	0.0113	0.0267	0.0654	0.0566	Data Gap
60542	Cs-137	0.389	0.024	0.0226	0.207	RTL Exceedance

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

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 23 field duplicate soil 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 non-homogeneity of co-located, but non-homogenized, field samples. Sample results that are rejected for laboratory quality reasons are not included in this assessment. The original results for Subarea 6 included several analytes that were removed from consideration, and thus were not evaluated.

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:

Xs = activity of the sample
Xd = 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. By extension, a Z_{DUP} score of 1.96 (the warning level) indicates that the two results are statistically equivalent, at the 95 percent confidence interval. A Z_{DUP} score of 2.58 (the exceedance level) indicates that the two results are statistically equivalent, at the 99 percent confidence interval.

A Z_{DUP} evaluation is performed on each paired set of analytes for which parent and duplicate data are reported. This quality assurance/quality control assessment is performed on the validated laboratory results approved and accepted by the project, and recorded in the project database as of April 10, 2012. Subsequent modifications to the approved data or the project database may not be reflected in this assessment.

Round 1 field duplicate soil sample data includes 1,944 results from 972 sample/duplicate result pairs. Of those, any results that were rejected by data validation were removed from

consideration. In addition, analytes that are simply inferred from previously reported results, such as yttrium-90, which is inferred from the reported Sr-90 results, are considered redundant and have been removed from consideration, as well.

The Z_{DUP} evaluation of the remaining 927 qualified data pairs follows:

- 874 results (94.3 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96;
- 31 results (3.3 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58;
- 22 results (2.4 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, approximately 1 percent of reported Z_{DUP} scores will be greater than 2.58. Of 874 Z_{DUP} results, approximately nine are expected to fall in this exceedance range. For this data set, the 22 Z_{DUP} exceedances are greater than the expected frequency. The magnitude of the exceedances are as high as 6.19 and occur predominantly in the gamma spectrometry analyses.

Further review of the associated data shows several sample/duplicate pairs, accounting for the majority of the excursions, for which the apparent density of the gamma spectrometry aliquant is significantly different from that of the field duplicate, with the relative difference being as great as 29.4 percent. The difference in that physical property of the samples is generally consistent with the observed difference in the reported gamma-emitting radionuclide activities, which are susceptible to geometry and density related bias.

The Z_{DUP} statistical test also predicts that, in a homogeneous sample/duplicate pairing, approximately 4 percent of reported Z_{DUP} scores will be in the range between 1.96 and 2.58. Of 874 Z_{DUP} results, approximately 35 are expected to fall in this warning range. For this dataset, the 31 Z_{DUP} results in the warning range are not unexpected and do not indicate significant concerns regarding the quality or usability of the data. It is noted that approximately one third of these results in the warning range are related to the same sample/duplicate pairs for which the gamma spectrometry sample density discrepancy is described above, suggesting a degree of analytical reproducibility that is otherwise in good control.

The frequency and magnitude of the elevated Z_{DUP} scores suggest either a degree of heterogeneity in the field samples that has not otherwise been considered, or a degree of variability in the laboratory's analytical methodology that is not reflected in the reported results, or both. This increased variability may slightly reduce the predictive value of the results in the decision making process and the impact on acceptable decision error rates should be considered. 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, 2012b) and the QAPP (HGL, 2012b). A total of 273 rinsate samples and two source water samples were collected during the Subarea 6 sampling event. Each sample was tested for isotopic uranium, as a surrogate indicator of cross-contamination. Any results that are rejected for laboratory quality reasons were removed from consideration, as described in the evaluation of field duplicate samples in Section 4.1. Rinsate and source water samples also were analyzed for H-3 if that radionuclide was included in the analytical suite for samples collected that day.

Subarea 6 soil equipment rinsate and source water sample data contains 275 total results, which include 273 rinsate results that are paired with the applicable source water result. The data pairs are evaluated by Z-score duplicate comparison. The Z_{DUP} comparison of the rinsate water activity to the source water activity is summarized below.

- 264 results (96.7 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96;
- 9 results (3.3 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58;
- No 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 nine results in this warning range approximates the expected rate. The lack of any Z_{DUP} excursions above 2.58 is noteworthy and supports the usability of the associated data.

The overall 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 nine primary areas: the liquid and gas radioactive storage tanks area, SRE northern ditch, SRE pond, former cooling towers, hot oil sodium wash facility, former Building 4003, fuel storage area, new conservation yard, and old conservation yard. The radionuclides that were detected at concentrations exceeding the RTLs are summarized below:

- Cesium-137 was detected above the RTL of 0.207 pCi/g at 53 locations (59 samples), with concentrations from 0.21 pCi/g to 196 pCi/g.

- Cobalt-60 was detected above the RTL of 0.028 pCi/g at one location (one sample) at a concentration of 0.048 pCi/g.
- Plutonium-239/240 was detected above the RTL of 0.0404 pCi/g at one location (one sample) at a concentration of 0.0515 pCi/g.
- Strontium-90 was detected above the RTL of 0.485 pCi/g at 9 locations (10 samples), with concentrations from 0.523 pCi/g to 21.3 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 Subarea 6 Round 2 Addendum to the Final FSP for Soil Sampling (HGL, 2012c) was prepared describing the proposed step-out soil sampling locations, analytical testing, and technical justification for the addition sampling.

6.0 REFERENCES

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

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

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

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Table 1
Summary of Planned and Collected Samples by Group
Subarea 6, Round 1

Group	Drainage		Surface		Subsurface		Total	
	Planned	Collected	Planned	Collected	Planned	Collected	Planned	Collected
1	26	15	78	78	171	122	275	215
2	4	4	20	20	21	18	45	42
3	6	2	20	20	20	17	46	39
4	10	10	34	34	38	32	82	76
5	4	4	15	15	51	46	70	65
Total	**50**	**35**	**167**	**167**	**301**	**235**	**518**	**437**

Table 2
Summary of Subsurface Samples Not Collected
Subarea 6, Round 1

Sample Location	Sample Identification	Justification
6-00001	60001	Refusal at 10 inches bgs with hand auger.
6-00005	60007	Refusal at 14 inches bgs with hand auger.
6-00008	60011	Refusal at 2 inches bgs with hand auger.
6-00009	60013	Refusal at 12 inches bgs with hand auger.
6-00011	60015	Refusal at 20 inches bgs with DPT.
6-00012	60017	Refusal at 22 inches bgs with DPT.
6-00013	60019	Refusal at 12 inches bgs with hand auger.
6-00017	60024	Refusal at 12 inches bgs with hand auger.
6-00020	60028	Refusal at 18 inches bgs with hand auger.
6-00021	60029	Refusal at 11 inches bgs with DPT.
6-00022	60030	Refusal at 15.5 inches bgs with DPT.
6-00023	60031	Refusal at 11.5 inches bgs with DPT.
6-00028	60038	Refusal at 15 inches bgs with DPT.
6-00029	60040	Refusal at 9 inches bgs with hand auger.
6-00038	60054	Refusal at 18 inches bgs with DPT.
6-00043	60061	Refusal at 4 inches bgs with DPT.
6-00046	60067	Refusal at 17 inches bgs with hand auger.
6-00048	60071	Refusal at 10 inches bgs with hand auger.
6-00054	60083	Refusal at 17 inches bgs with hand auger.
6-00059	60093	Refusal at 6 inches bgs with hand auger.
6-00060	60095	Refusal at 17.5 inches bgs with hand auger.
6-00061	60097	Refusal at 18 inches bgs with hand auger.
6-00063	60101	Refusal at 9 inches bgs with hand auger.
6-00078	60119	Refusal at 18 inches bgs with DPT.
6-00091	60132	Refusal at 18 inches bgs with DPT.
6-00092	60133	Refusal at 12 inches bgs with DPT.
6-00093	60134	Refusal at 10 inches bgs with DPT.
6-00099	60141	Refusal at 18 inches bgs with DPT.
6-00100	60142	Refusal at 18 inches bgs with DPT.
6-00101	60143	Refusal at 12 inches bgs with DPT.
6-00102	60145	Refusal at 6 inches bgs with hand auger.
6-00106	60149	Refusal at 18 inches bgs with DPT.
6-00109	60154	Refusal at 8 inches bgs with DPT.
6-00110	60156	Refusal at 3 inches bgs with hand auger.

Table 2
Summary of Subsurface Samples Not Collected
Subarea 6, Round 1

Sample Location	Sample Identification	Justification
6-00111	60158	Refusal at 5 inches bgs with hand auger.
6-00112	60159	Refusal at 4 inches bgs with DPT.
6-00115	60163	Refusal at 10 inches bgs with DPT.
6-00120	60168	Refusal at 9 inches bgs with DPT.
6-00122	60170	Refusal at 6 inches bgs with DPT.
6-00131	60185	Refusal at 6 inches bgs with hand auger.
6-00132	60187	Refusal at 17 inches bgs with hand auger.
6-00133	60189	Refusal at 17 inches bgs with hand auger.
6-00134	60191	Refusal at 18 inches bgs with hand auger.
6-00140	60197	Location in archeological zone, no soil disturbance.
6-00141	60198	Location in archeological zone, no soil disturbance.
6-00146	60208	Refusal at 17 inches bgs with hand auger.
6-00147	60210	Refusal at 21 inches bgs with hand auger.
6-00148	60212	Refusal at 18 inches bgs with hand auger.
6-00149	60214	Refusal at 8 inches bgs with hand auger.
6-00152	60220	Refusal at 10 inches bgs with DPT.
6-00162	60240	Refusal at 7 inches bgs with DPT.
6-00163	60242	Refusal at 11.5 inches bgs with DPT.
6-00165	60246	Refusal at 21 inches bgs with DPT.
6-00172	60260	Refusal at 15 inches bgs with DPT.
6-00175	60266	Refusal at 20 inches bgs with DPT.
6-00177	60270	Refusal at 22 inches bgs with DPT.
6-00189	60293	Could not collect drainage sample in concrete v-ditch.
6-00189	60294	Refusal at 18 inches bgs with hand auger.
6-00194	60303	Refusal at 16 inches bgs with DPT.
6-00202	60311	Refusal at 11 inches bgs with DPT.
6-00218	60336	Refusal at 20 inches bgs with DPT.
6-00236	60366	Refusal at 18 inches bgs with DPT.
6-00239	60372	Refusal at 18 inches bgs with DPT.
6-00244	60382	Refusal at 18 inches bgs with hand auger.
6-00258	60401	Refusal at 10 inches bgs with DPT.
6-00264	60407	Refusal at 16 inches bgs with DPT.
6-00278	60423	Refusal at 5 inches bgs with hand auger.
6-00281	60429	Refusal at 14 inches bgs with hand auger.

Table 2
Summary of Subsurface Samples Not Collected
Subarea 6, Round 1

Sample Location	Sample Identification	Justification
6-00287	60441	Refusal at 16 inches bgs with hand auger.
6-00290	60447	Refusal at 18 inches bgs with hand auger.
6-00292	60451	Refusal at 12 inches bgs with hand auger.
6-00294	60455	Refusal at 13 inches bgs with hand auger.
6-00296	60459	Refusal at 6 inches bgs with hand auger.
6-00297	60461	Refusal at 12 inches bgs with hand auger.
6-00298	60463	Refusal at 19 inches bgs with hand auger.
6-00300	60467	Refusal at 12 inches bgs with hand auger.
6-00303	60473	Refusal at 12 inches bgs with hand auger.
6-00307	60481	Refusal at 13 inches bgs with hand auger.
6-00316	60499	Refusal at 11 inches bgs with hand auger.
6-00317	60501	Refusal at 9 inches bgs with hand auger.
6-00282	60543	Bedrock encountered at 4 feet bgs with Sonic Drill Rig, target depth 30-35 feet not reached.

Notes:

bgs - below ground surface

DPT - direct push technology

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00005	60006	0.00 - 0.50	Cs-137	0.241	0.207	Asphalt ditch that may have collected surface water runoff from the vicinity of former Building 4003.	Cs-137 was detected at a concentration of 0.241 pCi/g in the surface soil sample collected at Location 5. Surface water runoff may have contaminated a larger portion of the drainage.
6-00029	60039	0.00 - 0.50	Cs-137	0.225	0.207	Potential radiological contamination along above ground pipeline. Sample location was added at Stakeholder request.	Cs-137 was detected at a concentration of 0.225 pCi/g in the surface soil sample collected at Location 29. Addition step-out locations will be placed along above ground pipeline to investigate potential contamination resulting from leaks in the pipe.
6-00030	60041	0.00 - 0.50	Cs-137	0.229	0.207	North side of pond area. Boundary of Likely Chemical Remediation Zone.	Cs-137 was detected at a concentration of 0.229 pCi/g in the surface soil sample collected at Location 30. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00030	60042	1.00 - 5.00	Cs-137	0.554	0.207	North side of pond area. Boundary of Likely Chemical Remediation Zone.	Cs-137 was detected at a concentration of 0.554 pCi/g in the subsurface sample collected at Location 30. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00034	60047	1.00 - 5.00	Cs-137	1.21	0.207	Potential radiological contamination from surface water runoff from the vicinity of the SRE, former Building 4003, and the leach field.	Cs-137 was detected at a concentration of 1.21 pCi/g in the subsurface soil sample collected from Location 34. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00034	60047	1.00 - 5.00	Sr-90	0.641	0.485	Potential radiological contamination from surface water runoff from the vicinity of the SRE, former Building 4003, and the leach field.	Sr-90 was detected at a concentration of 0.641 pCi/g in the subsurface soil sample collected from Location 34. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00045	60065	1.00 - 5.00	Cs-137	0.475	0.207	Potential radiological contamination from surface water runoff from the vicinity of the SRE Complex, former Building 4003, and leach field.	Cs-137 was detected at a concentration of 0.475 pCi/g in the subsurface soil sample collected from Location 45. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00045	60542	0.00 - 0.50	Cs-137	0.389	0.207	Potential radiological contamination from surface water runoff from the vicinity of the SRE Complex, former Building 4003, and leach field.	Cs-137 was detected at a concentration of 0.389 pCi/g in the surface soil sample collected from Location 45. Additional step-out samples needed to characterize boundary of Likely Chemical Remediation zone.
6-00098	60139	0.00 - 0.50	Cs-137	1.19	0.207	Open Storage Area. Close proximity to GRAY 2 and GRAY 3.	Cs-137 was detected at a concentration of 1.19 pCi/g in the surface soil sample collected from Location 98. Additional step-out samples needed to characterize the extent of contamination the vicinity of Location 98.
6-00130	60182	0.00 - 0.50	Cs-137	0.355	0.207	Approximate location of the Liquid Radioactive Storage Tanks.	Cs-137 was detected at a concentration of 0.355 pCi/g in the surface soil sample collected from Location 130. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00131	60184	0.00 - 0.50	Cs-137	0.535	0.207	Approximate location of the Gaseous Storage Tanks.	Cs-137 was detected at a concentration of 0.535 pCi/g in the surface soil sample collected from Location 131. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00131	60184	0.00 - 0.50	Sr-90	0.523	0.485	Approximate location of the Gaseous Storage Tanks.	Sr-90 was detected at a concentration of 0.523 pCi/g in the surface soil sample collected from Location 131. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00132	60186	0.00 - 0.50	Cs-137	0.257	0.207	Geophysical Anomaly Feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Cs-137 was detected at a concentration of 0.257 pCi/g in the surface soil sample collected from Location 132. Geophysical anomaly feature present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00133	60188	0.00 - 0.50	Cs-137	0.422	0.207	Approximate location of the Hold-up Vaults.	Cs-137 was detected at a concentration of 0.422 pCi/g in the surface soil sample collected from Location 133. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00134	60190	0.00 - 0.50	Cs-137	0.935	0.207	Approximate location of the Hold-up Vaults.	Cs-137 was detected at a concentration of 0.935 pCi/g in the surface soil sample collected from Location 134. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00134	60190	0.00 - 0.50	Sr-90	1.07	0.485	Approximate location of the Hold-up Vaults.	Sr-90 was detected at a concentration of 1.07 pCi/g in the surface soil sample collected from Location 134. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00142	60199	0.00 - 0.50	Cs-137	0.596	0.207	Geophysical Anomaly Feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Cs-137 was detected at a concentration of 0.596 pCi/g in the surface soil sample collected from Location 142. Geophysical anomaly feature present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00142	60199	0.00 - 0.50	Sr-90	0.56	0.485	Geophysical Anomaly Feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Sr-90 was detected at a concentration of 0.56 pCi/g in the surface soil sample collected from Location 142. Geophysical anomaly feature present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00142	60200	1.00 - 2.00	Cs-137	0.548	0.207	Geophysical Anomaly Feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Cs-137 was detected at a concentration of 0.548 pCi/g in the subsurface soil sample collected from Location 142. Geophysical anomaly feature present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00142	60200	1.00 - 2.00	Sr-90	0.934	0.485	Geophysical Anomaly Feature - Conductivity. Approximate location of the Liquid Radioactive Storage Tanks.	Sr-90 was detected at a concentration of 0.934 pCi/g in the subsurface soil sample collected from Location 142. Geophysical anomaly feature present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00144	60203	0.00 - 0.50	Cs-137	0.321	0.207	Downgradient of GRAY 8.	Cs-137 was detected at a concentration of 0.321 pCi/g in the surface soil sample collected from Location 144. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00145	60205	0.00 - 0.50	Cs-137	0.378	0.207	Between GRAY 5 and GRAY 8. Geophysical Anomaly Feature - Conductivity.	Cs-137 was detected at a concentration of 0.378 pCi/g in the surface soil sample collected from Location 145. Gamma scanning survey detected GRAY in the vicinity. Geophysical anomaly present. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00146	60207	0.00 - 0.50	Cs-137	2.33	0.207	Downgradient of GRAY 8.	Cs-137 was detected at a concentration of 2.33 pCi/g in the surface soil sample collected from Location 146. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00147	60209	0.00 - 0.50	Cs-137	0.391	0.207	Former location of drainage ditch that diverted surface water to the east and down slope.	Cs-137 was detected at a concentration of 0.391 pCi/g in the surface soil sample collected from Location 147. Potential contamination from former surface water drainage ditch. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00148	60211	0.00 - 0.50	Cs-137	1.01	0.207	Former location of drainage ditch that diverted surface water to the east and down slope.	Cs-137 was detected at a concentration of 1.01 pCi/g in the surface soil sample collected from Location 148. Potential contamination from former surface water drainage ditch. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00149	60213	0.00 - 0.50	Cs-137	4.36	0.207	Former location of drainage ditch that diverted surface water to the east and down slope.	Cs-137 was detected at a concentration of 4.36 pCi/g in the surface soil sample collected from Location 149. Potential contamination from former surface water drainage ditch. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00149	60213	0.00 - 0.50	Sr-90	0.981	0.485	Former location of drainage ditch that diverted surface water to the east and down slope.	Cs-137 was detected at a concentration of 0.981 pCi/g in the surface soil sample collected from Location 149. Potential contamination from former surface water drainage ditch. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00150	60215	0.00 - 0.50	Cs-137	1.03	0.207	Upgradient of GRAY 9	Cs-137 was detected at a concentration of 1.03 pCi/g in the surface soil sample collected from Location 150. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00212	60325	0.00 - 0.50	Cs-137	0.513	0.207	Downgradient from GRAY 43. Boundary of Chemical Likely Remediation Zone.	Cs-137 was detected at a concentration of 0.513 pCi/g in the surface soil sample collected from Location 212. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the boundary of Likely Chemical Remediation zone within the Old Conservation Yard.
6-00215	60330	0.00 - 0.50	Cs-137	0.494	0.207	Downgradient from GRAY 43. Slightly elevated gamma scanning survey readings. Boundary of Chemical Likely Remediation Zone.	Cs-137 was detected at a concentration of 0.494 pCi/g in the surface soil sample collected from Location 215. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the boundary of Likely Chemical Remediation zone within the New Conservation Yard.
6-00228	60349	0.00 - 0.50	Cs-137	0.21	0.207	Boundary of Chemical Likely Remediation Zone.	Cs-137 was detected at a concentration of 0.21 pCi/g in the surface soil sample collected from Location 228. Additional step-out samples needed to characterize the boundary of Likely Chemical Remediation zone within the New Conservation Yard.
6-00237	60367	0.00 - 0.50	Cs-137	0.325	0.207	Close proximity to GRAY 49. Boundary of Chemical Likely Remediation Zone.	Cs-137 was detected at a concentration of 0.325 pCi/g in the surface soil sample collected from Location 237. Gamma scanning survey detected GRAY in the vicinity. Additional step-out samples needed to characterize the boundary of Likely Chemical Remediation zone within the New Conservation Yard.
6-00243	60379	0.00 - 0.50	Sr-90	0.557	0.485	Potential radiological contamination resulting from spill at former building 4064.	Sr-90 was detected at a concentration of 0.557 pCi/g in the surface soil sample collected from Location 243. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00278	60422	0.00 - 0.50	Cs-137	0.405	0.207	SRE Northern Ditch, north side of the SRE Tarp.	Cs-137 was detected at a concentration of 0.405 pCi/g in the surface soil sample collected from Location 278. Additional step-out samples needed to characterize the boundary of Likely Chemical Remediation zone within the SRE Tarp area and the eastern extent of contamination in the SRE Northern Ditch.
6-00281	60428	0.00 - 0.50	Cs-137	0.497	0.207	Boundary of the SRE Tarp. Aerial Photo Feature - Light toned mounded material. Location of the former cooling tower.	Cs-137 was detected at a concentration of 0.497 pCi/g in the surface soil sample collected from Location 281. Location of the former cooling tower.
6-00286	60438	0.00 - 0.50	Cs-137	1.09	0.207	GRAY 1.	Cs-137 was detected at a concentration of 1.09 pCi/g in the surface soil sample collected from Location 286. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00287	60440	0.00 - 0.50	Cs-137	0.882	0.207	GRAY 2.	Cs-137 was detected at a concentration of 0.882 pCi/g in the surface soil sample collected from Location 287. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00288	60442	0.00 - 0.50	Cs-137	1.41	0.207	GRAY 3.	Cs-137 was detected at a concentration of 1.41 pCi/g in the surface soil sample collected from Location 288. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00290	60446	0.00 - 0.50	Co-60	0.048	0.028	GRAY 4.	Co-60 was detected at a concentration of 0.048 pCi/g in the surface soil sample collected from Location 290. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00290	60446	0.00 - 0.50	Cs-137	24.3	0.207	GRAY 4.	Cs-137 was detected at a concentration of 24.3 pCi/g in the surface soil sample collected from Location 290. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00290	60446	0.00 - 0.50	Pu-239/240	0.0515	0.0404	GRAY 4.	Pu-239/240 was detected at a concentration of 0.0515 pCi/g in the surface soil sample collected from Location 290. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00290	60446	0.00 - 0.50	Sr-90	21.3	0.485	GRAY 4.	Sr-90 was detected at a concentration of 21.3 pCi/g in the surface soil sample collected from Location 290. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00291	60448	0.00 - 0.50	Cs-137	2.18	0.207	GRAY 4.	Cs-137 was detected at a concentration of 2.18 pCi/g in the surface soil sample collected from Location 291. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00291	60449	1.00 - 2.70	Cs-137	1.47	0.207	GRAY 4.	Cs-137 was detected at a concentration of 1.47 pCi/g in the subsurface soil sample collected from Location 291. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00292	60450	0.00 - 0.50	Cs-137	0.894	0.207	GRAY 4.	Cs-137 was detected at a concentration of 0.894 pCi/g in the surface soil sample collected from Location 292. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00293	60452	0.00 - 0.50	Cs-137	46.4	0.207	GRAY 5.	Cs-137 was detected at a concentration of 46.4 pCi/g in the surface soil sample collected from Location 293. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00293	60453	1.00 - 2.50	Cs-137	1.19	0.207	GRAY 5.	Cs-137 was detected at a concentration of 1.19 pCi/g in the subsurface soil sample collected from Location 293. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00294	60454	0.00 - 0.25	Cs-137	11.3	0.207	GRAY 8.	Cs-137 was detected at a concentration of 11.3 pCi/g in the surface soil sample collected from Location 294. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00294	60454	0.00 - 0.25	Sr-90	2.39	0.485	GRAY 8.	Sr-90 was detected at a concentration of 2.39 pCi/g in the surface soil sample collected from Location 294. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Liquid and Gas Radioactive Storage Tanks area.
6-00296	60458	0.00 - 0.50	Cs-137	1.35	0.207	GRAY 9.	Cs-137 was detected at a concentration of 1.35 pCi/g in the surface soil sample collected from Location 296. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00297	60460	0.00 - 0.50	Cs-137	2.51	0.207	GRAY 9.	Cs-137 was detected at a concentration of 2.51 pCi/g in the subsurface soil sample collected from Location 297. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00298	60462	0.00 - 0.50	Cs-137	3.02	0.207	GRAY 9.	Cs-137 was detected at a concentration of 3.02 pCi/g in the surface soil sample collected from Location 298. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Northern Ditch.
6-00299	60464	0.00 - 0.50	Cs-137	1.02	0.207	GRAY 12.	Cs-137 was detected at a concentration of 1.02 pCi/g in the surface soil sample collected from Location 299. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Southern Ditch.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00300	60466	0.00 - 0.50	Cs-137	1.44	0.207	GRAY 19.	Cs-137 was detected at a concentration of 1.44 pCi/g in the surface soil sample collected from Location 300. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the SRE Southern Ditch.
6-00302	60470	0.00 - 0.50	Cs-137	1.86	0.207	GRAY 26.	Cs-137 was detected at a concentration of 1.86 pCi/g in the surface soil sample collected from Location 302. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Hot Oil Sodium Wash Facility.
6-00303	60472	0.00 - 0.50	Cs-137	1.18	0.207	GRAY 28.	Cs-137 was detected at a concentration of 1.18 pCi/g in the surface soil sample collected from Location 302. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Hot Oil Sodium Wash Facility.
6-00304	60474	0.00 - 0.50	Cs-137	0.876	0.207	GRAY 29.	Cs-137 was detected at a concentration of 0.876 pCi/g in the surface soil sample collected from Location 304. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of contamination in the vicinity of the Hot Oil Sodium Wash Facility.
6-00305	60476	0.30 - 0.80	Cs-137	15.4	0.207	GRAY 36.	Cs-137 was detected at a concentration of 15.4 pCi/g in the surface soil sample collected from Location 305. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00306	60478	0.00 - 0.50	Cs-137	196	0.207	GRAY 37.	Cs-137 was detected at a concentration of 196.0 pCi/g in the surface soil sample collected from Location 306. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00306	60540	0.50 - 1.00	Cs-137	74.9	0.207	GRAY 37.	Cs-137 was detected at a concentration of 74.9 pCi/g in the surface soil sample collected from Location 306. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00306	60540	0.50 - 1.00	Sr-90	0.882	0.485	GRAY 37.	Sr-90 was detected at a concentration of 0.882 pCi/g in the subsurface soil sample collected from Location 306. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00307	60480	0.00 - 0.50	Cs-137	2.84	0.207	GRAY 38.	Cs-137 was detected at a concentration of 2.84 pCi/g in the subsurface soil sample collected from Location 307. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00309	60484	0.00 - 0.50	Cs-137	1.27	0.207	GRAY 40.	Cs-137 was detected at a concentration of 1.27 pCi/g in the surface soil sample collected from Location 309. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00310	60486	0.00 - 0.50	Cs-137	1.31	0.207	GRAY 43.	Cs-137 was detected at a concentration of 1.31 pCi/g in the surface soil sample collected from Location 310. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00311	60488	0.00 - 0.50	Cs-137	3.42	0.207	GRAY 45.	Cs-137 was detected at a concentration of 3.42 pCi/g in the surface soil sample collected from Location 311. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00314	60494	0.00 - 0.50	Cs-137	4.61	0.207	GRAY 48.	Cs-137 was detected at a concentration of 4.61 pCi/g in the surface soil sample collected from Location 311. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.

Table 4
Analytical Results Exceeding Radiological Trigger Levels
Subarea 6, Round 1

Sample Location	Sample ID	Sample Depth (ft bgs)	Radionuclide Detected	Activity	RTL	Associated Line Of Evidence	Step-out Justification
6-00315	60496	0.00 - 0.50	Cs-137	3.29	0.207	GRAY 49.	Cs-137 was detected at a concentration of 3.29 pCi/g in the surface soil sample collected from Location 315. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00316	60498	0.00 - 0.50	Cs-137	1.49	0.207	GRAY 52.	Cs-137 was detected at a concentration of 1.49 pCi/g in the surface soil sample collected from Location 316. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00318	60502	0.00 - 0.50	Cs-137	0.622	0.207	GRAY 56.	Cs-137 was detected at a concentration of 0.622 pCi/g in the surface soil sample collected from Location 318. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00320	60506	0.00 - 0.50	Cs-137	0.228	0.207	GRAY 58.	Cs-137 was detected at a concentration of 0.228 pCi/g in the surface soil sample collected from Location 320. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage Area.
6-00322	60510	0.00 - 0.50	Cs-137	0.485	0.207	Sample location added at request of Stakeholder.	Cs-137 was detected at a concentration of 0.0.485 pCi/g in the surface soil sample collected from Location 322. Gamma scanning survey identified GRAY. Additional step-out samples needed to characterize the extent of potential contamination from Incident A0028 within the side yard of former Building 4064, Fuel Storage 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 (pCi/g).

bgs - below ground surface

ft - feet

HSA - Historical Site Assessment

ID - identification

GRAY - gamma radiation anomaly

RTL - radiological trigger level

SRE - sodium reactor experiment

Table 5
Naturally Occurring Radioactive Material Exceedances
Subarea 6, 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 Information	Historical RAD data	Justification
6-00061	60096	Bi-214	1.94	0.026	1.59	0.00 - 0.50	SRE Pond - Drainage leading to the north, in close proximity to LTMM photo feature. Debris observed in the field.	No PGRAYS, no elevated gamma survey readings.	Yes, a boulder exists approximately 10 ft to the east.	Refusal 18 inches bgs, no subsurface sample collected, 15 percent sandstone rocks in subsurface lithology.	NA	Step-outs unnecessary: no gamma scanning evidence, close to bedrock and outside a the drainage.
6-00061	60096	Pb-214	2.08	0.0314	1.7	0.00 - 0.50	SRE Pond - Drainage leading to the north, in close proximity to LTMM photo feature. Debris observed in the field.	No PGRAYS, no elevated gamma survey readings.	Yes, a boulder exists approximately 10 ft to the east.	Refusal 18 inches bgs, no subsurface sample collected, 15 percent sandstone rocks.	NA	Step-outs unnecessary: no gamma scanning evidence, close to bedrock and outside a drainage.
6-00061	60096	U-238	1.87	0.0305	1.8	0.00 - 0.50	SRE Pond - Drainage leading to the north, in close proximity to LTMM photo feature. Debris observed in the field.	No PGRAYS, no elevated gamma survey readings.	Yes, a boulder exists approximately 10 ft to the east.	Refusal 18 inches bgs, no subsurface sample collected, 15 percent sandstone rocks.	NA	Step-outs unnecessary: no gamma scanning evidence, close to bedrock and outside a drainage.
6-00292	60450	U-235/236	0.153	0.0231	0.151	0.00 - 0.50	Down gradient from Liquid and Gas Radiological Storage Tanks, former Building 4653 and documented 25 gallon liquid spill (1977). Near proximity to drainage channels for storage tank vaults.	GRAY 4	Yes, close proximity to rock outcrop.	Surface sample contains approximately 5 percent concrete fragments (fill material), refusal subsurface 1.0 foot bgs with a 3 inch asphalt layer (0.6 to 0.8 ft, bgs).	NA	U-235/236 analysis unnecessary: located in a chemical remediation zone and potential radiological remediation zone due to the presence of Cs-137 exceedances.
6-00314	60494	Pb-214	1.72	0.0384	1.7	0.00 - 0.50	New Conservation Yard. Location down gradient from former Building 4064.	GRAY 48, elevated detections of cesium.	Not present.	Refusal 4.0 ft bgs and non-detect in subsurface sample.	In close proximity to past radiological detections of Cs-137.	Pb-214 analysis unnecessary: located in a chemical remediation zone and potential radiological remediation zone due to the presence of Cs-137 exceedances.
6-00045	60542	U-233/234	2.48 J	0.0249	2.02	0.00 - 0.50	Potential radiological contamination from surface water runoff from the vicinity of the SRE Complex, former Building 4003, and former Building 4003 leach field. Sample collected from within the SRE retention pond.	Gamma survey results show slightly above background readings.	Not present.	Refusal 7.0 ft bgs and non-detect in subsurface sample.	In close proximity to past radiological detections.	U-233/234 analysis unnecessary: located in a chemical remediation zone, and potential radiological remediation zone due to the presence of Cs-137 exceedances.
6-00045	60542	U-238	2.34 J	0.0585	1.8	0.00 - 0.50	Potential radiological contamination from surface water runoff from the vicinity of the SRE Complex, former Building 4003, and former Building 4003 leach field. Sample collected from within the SRE retention pond.	Gamma survey results show slightly above background readings.	Not present.	Refusal 7.0 ft bgs and non-detect in subsurface sample.	In close proximity to past radiological detections.	U-238 analysis unnecessary: located in a chemical remediation zone and potential radiological remediation zone due to the 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 - below ground surface
ft - feet
HSA - Historical Site Assessment
ID - identification
LTMM - light toned mounded material
MDC - minimum detection concentration
NA - not applicable
PGRAY - potential gamma radiation anomaly
RAD - radiological
RTL - radiological trigger level
SRE - Sodium Reactor Experiment
J - The analyte was detected at the reported concentration; the quantitation is an estimate.

FIGURES

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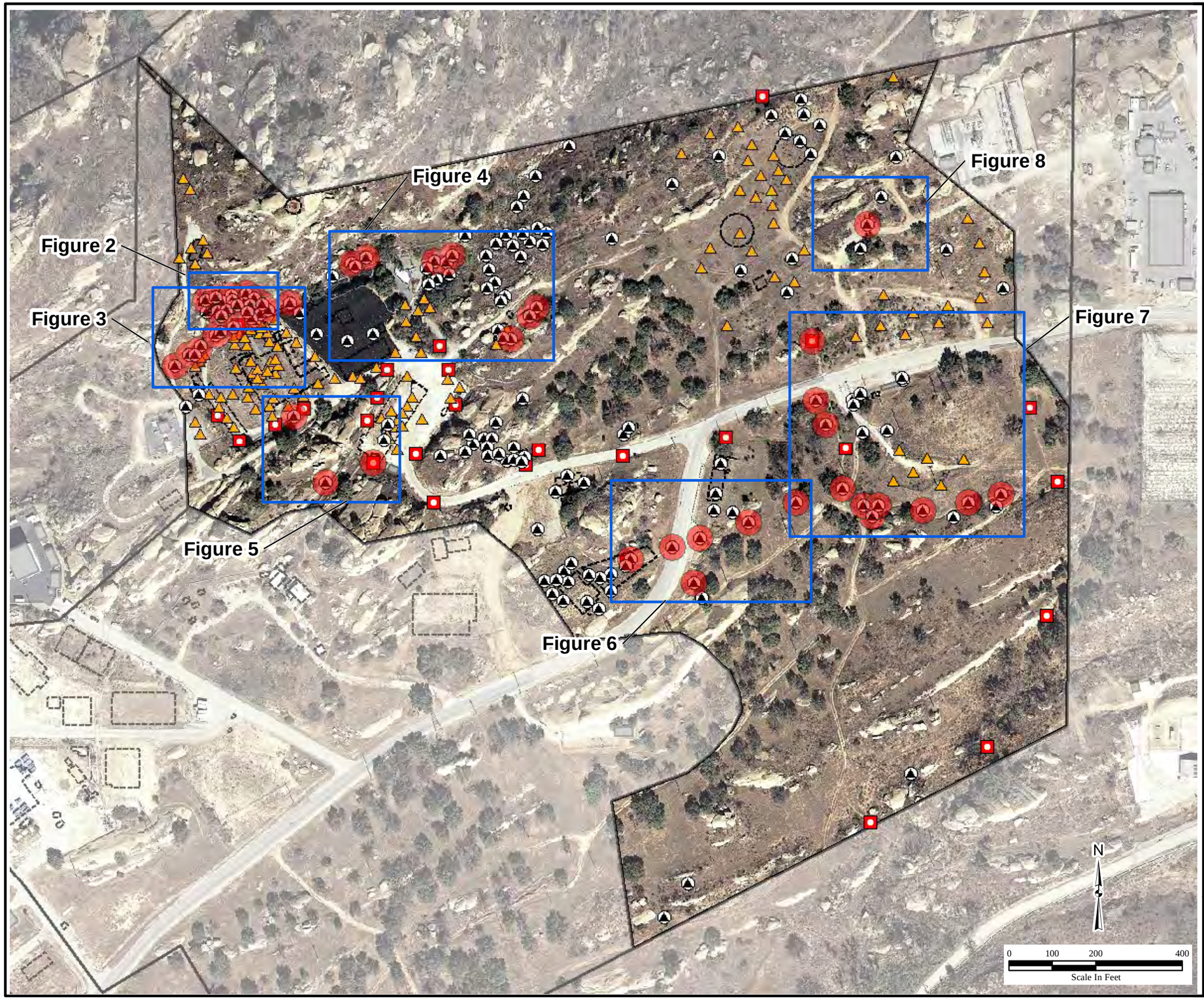

HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 1
Round 1 Sample Locations
Subarea 6, Round 1
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

Drainage
Subsurface
Surface Subsurface

Existing Building
Demolished Building

Subareas

Figure Inset

Note:
RTL - Radiological trigger level

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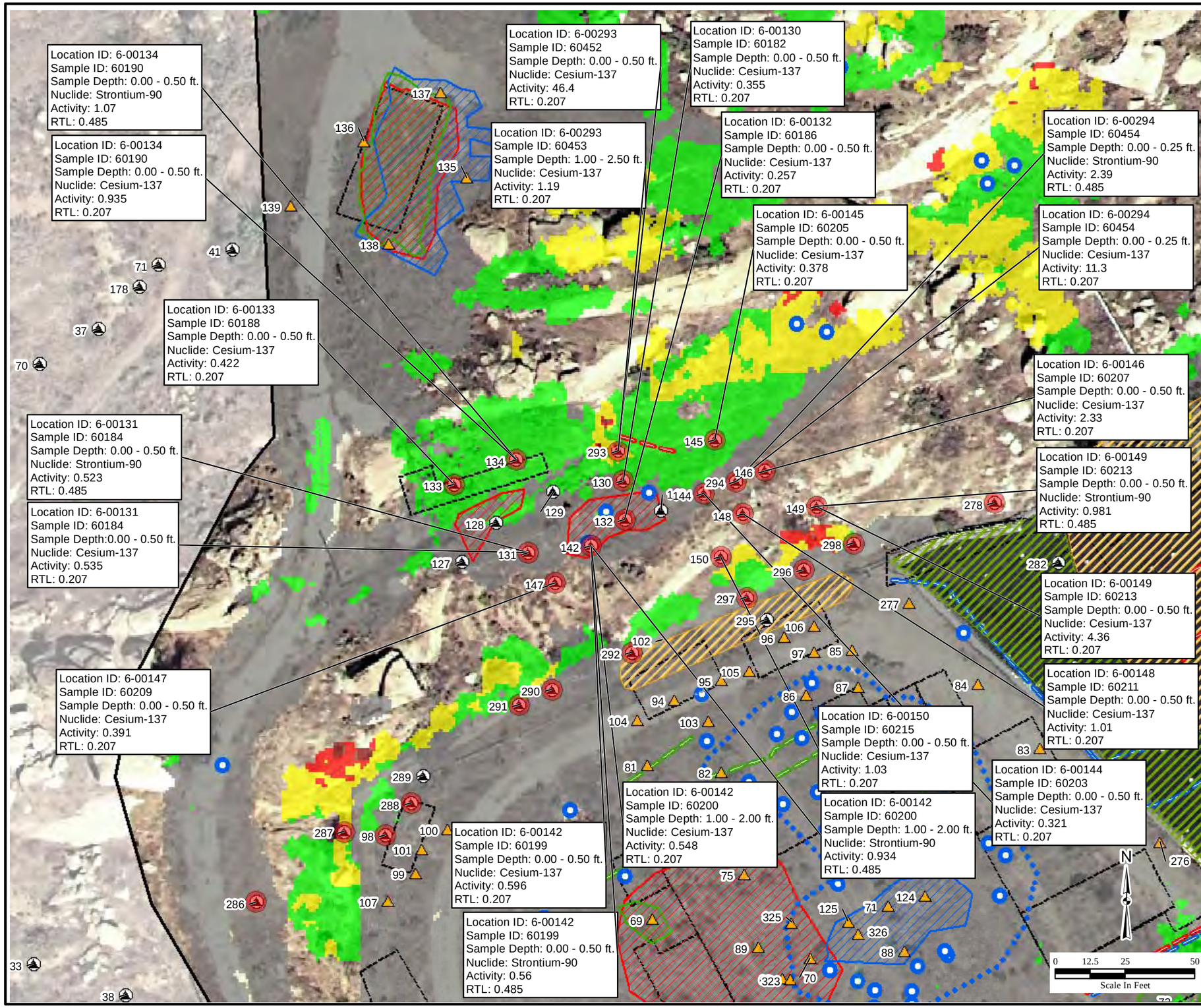
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007; Boeing 2009



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 2
Liquid and Gas Radiological Storage Tank Area Sample Locations
Subarea 6, Round 2
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

Subsurface

Surface Subsurface

Geophysical Anomalies

Magnetometer

Ground Penetrating Radar

Magnetometer

Terrain Conductivity

Ground Penetrating Radar

Magnetometer

Terrain Conductivity

Magnetometer Anomaly Area

Likely Remediation Zones

Chemical

Decontamination and Decommissioning

Demolished Building

Subareas

145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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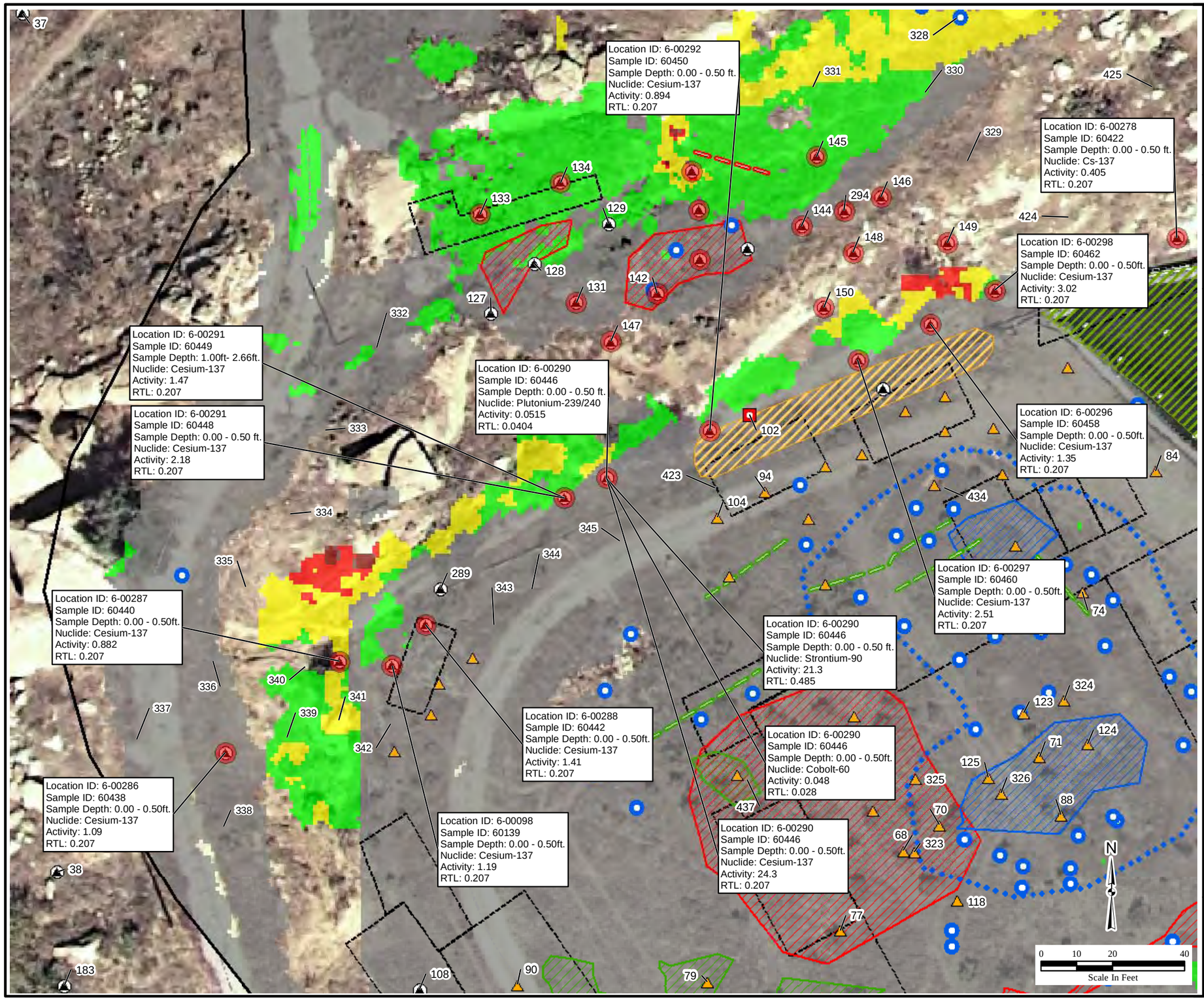
Source:HGL 2010, CIRGIS 2007

HGL HydroGeoLogic, Inc



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 3
SRE Northern Ditch Sample Locations
Subarea 6, Round 2
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

- Drainage
- Subsurface
- Surface Subsurface

Geophysical Anomalies

- Magnetometer
- Ground Penetrating Radar
- Terrain Conductivity
- Ground Penetrating Radar
- Magnetometer
- Terrain Conductivity
- Magnetometer Anomaly Area

Likely Remediation Zones

- Chemical
- Decontamination and Decommissioning
- Demolished Building
- Subareas
- 145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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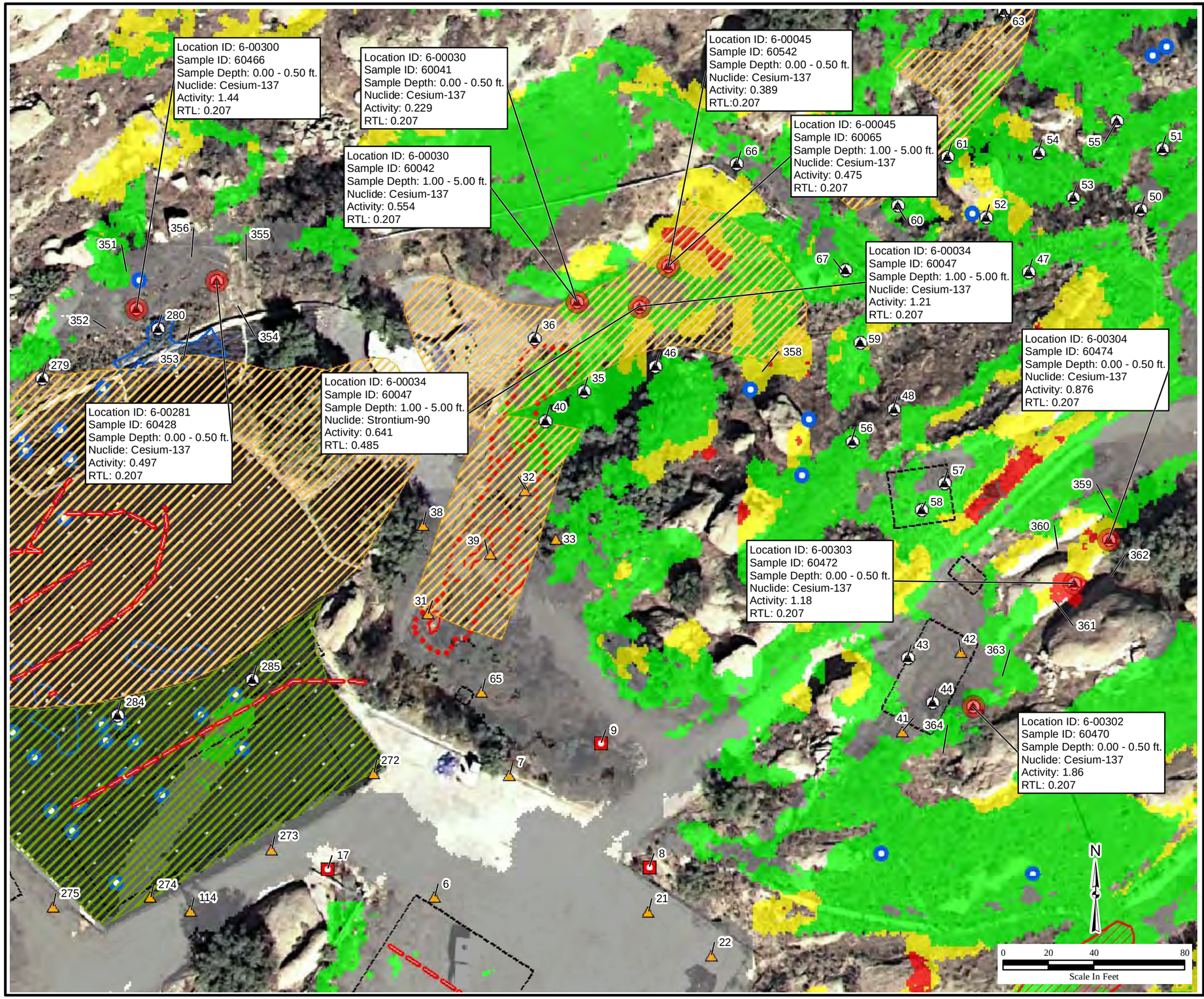
Source:HGL 2010, CIRGIS 2007

HGL HydroGeoLogic, Inc



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 4
Cooling Tower, SRE Pond and
Hot Oil Sodium Wash Sample Locations
Subarea 6, Round 2
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
- Terrain Conductivity Fill

Likely Remediation Zones

- Chemical
- Decontamination and Decommissioning
- Demolished Building
- 145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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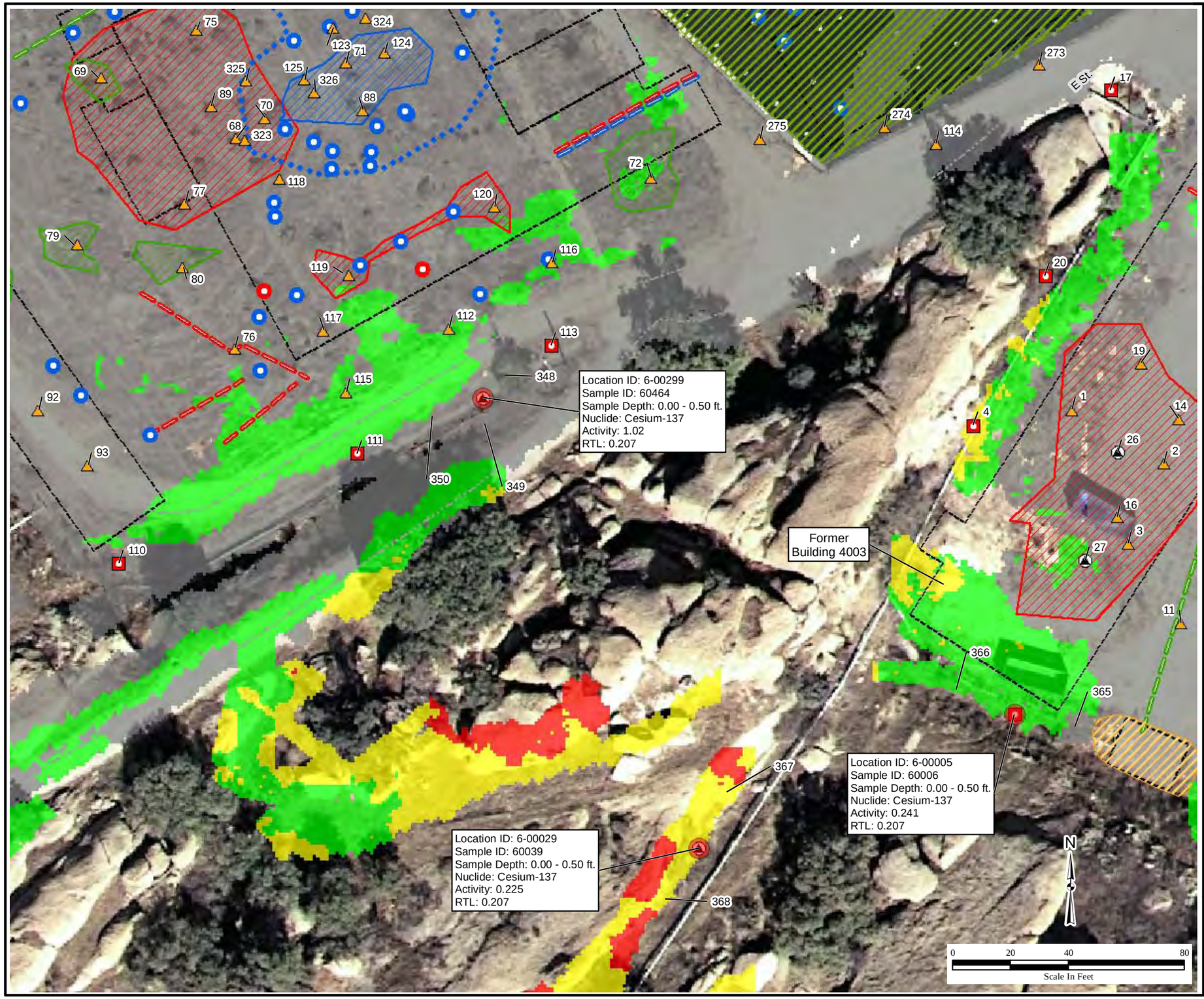
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007



HGL-Technical Memorandum, Subarea 6, Round 1, Soil Sample Results, SSFL-Ventura County, California

Figure 5
SRE and Former Building 4003
Sample Locations
Subarea 6, Round 2
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
- Ground Penetrating Radar
- Magnetometer
- Terrain Conductivity
- Ground Penetrating Radar
- Magnetometer
- Magnetometer Anomaly Area
- Terrain Conductivity

Likely Remediation Zones
- Chemical
- Decontamination and Decommissioning
- Demolished Building

145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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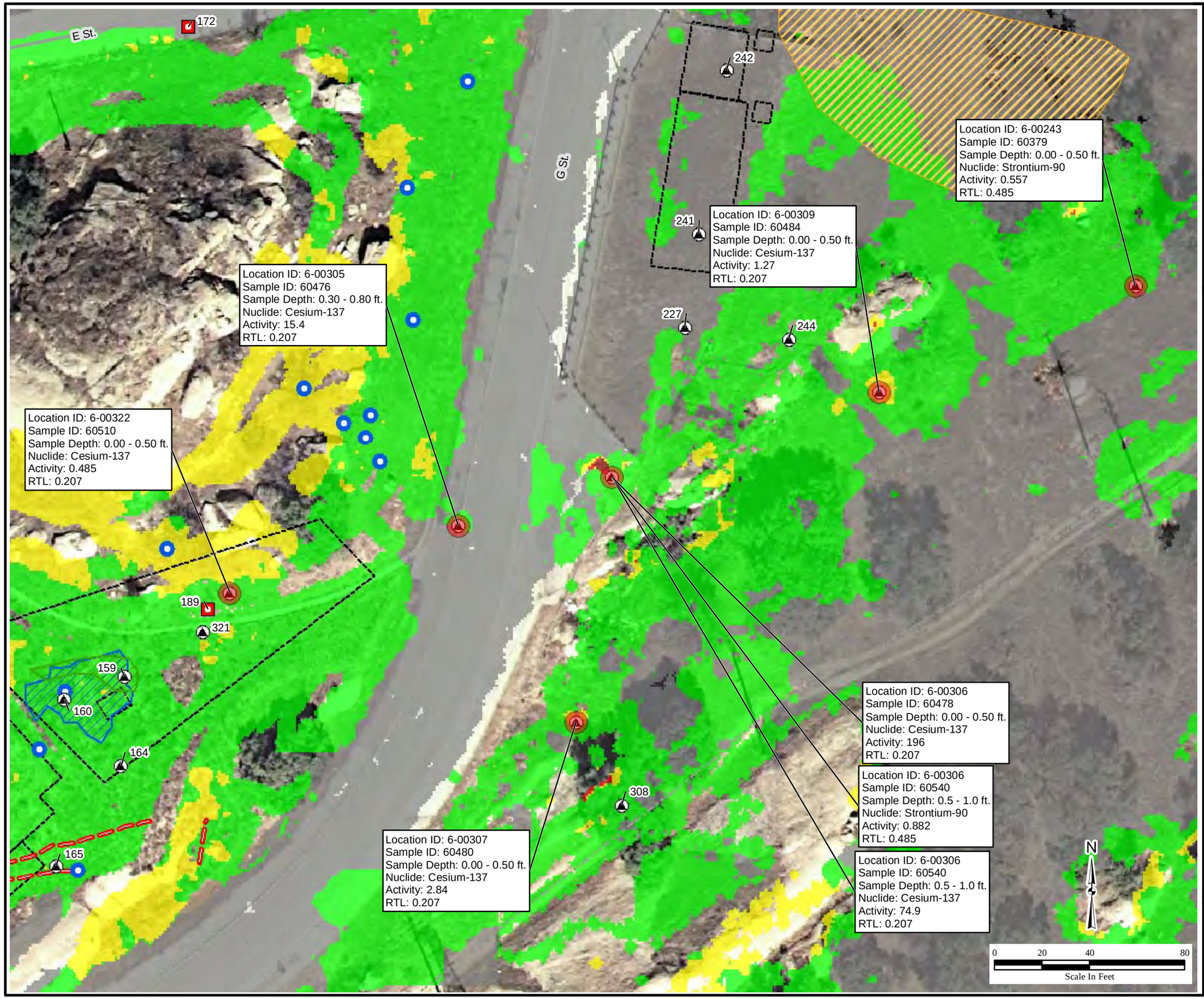
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007

HGL HydroGeoLogic, Inc



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 6
Fuel Storage Area Sample Locations
Subarea 6, Round 2
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

Drainage

Surface Subsurface

Geophysical Anomalies

Magnetometer

Terrain Conductivity

Ground Penetrating Radar

Magnetometer

Likely Remediation Zones

Chemical

Demolished Building

Subareas

145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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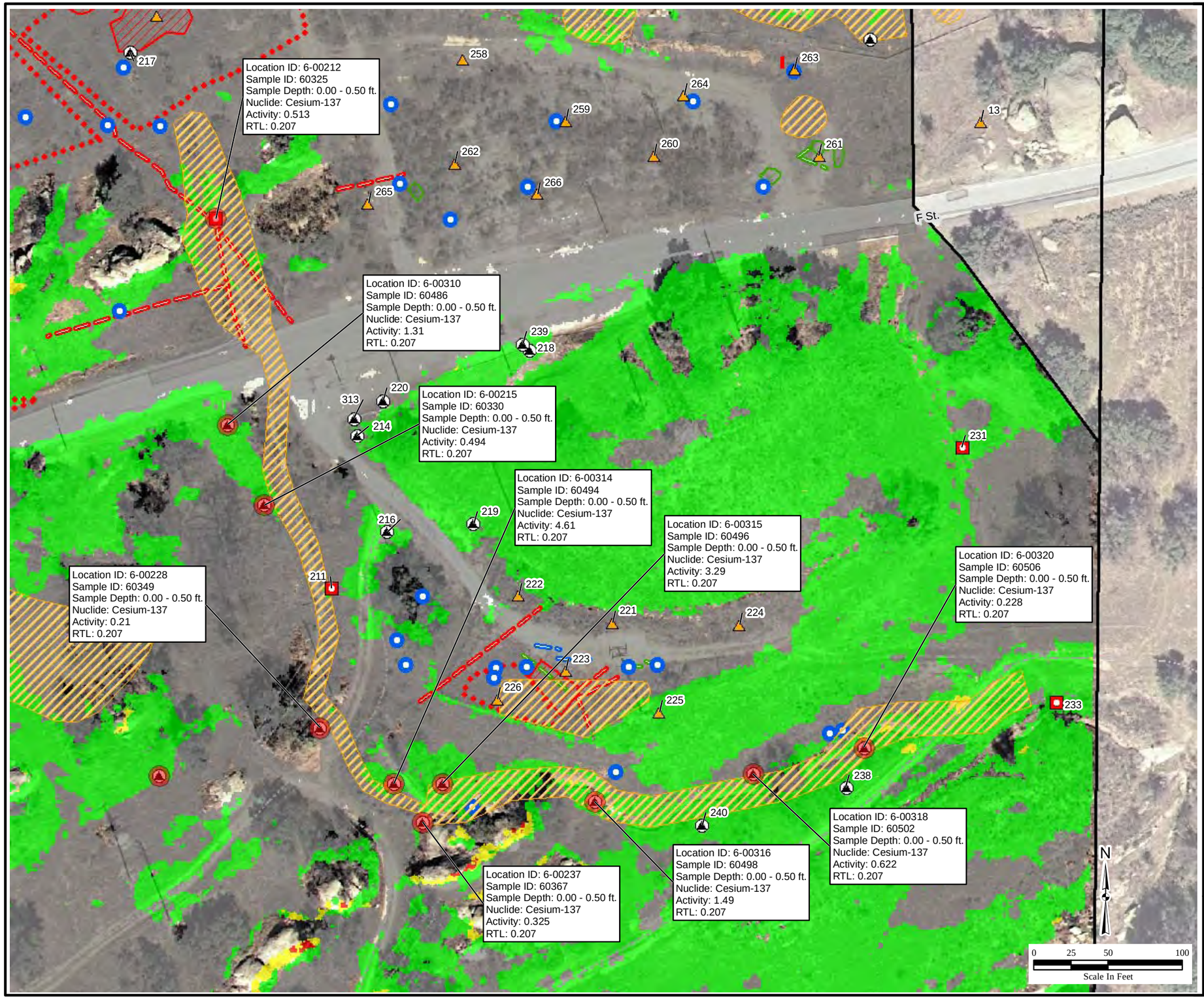
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007

HGL HydroGeoLogic, Inc



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 7
New Conservation Yard
Sample Locations
Subarea 6, Round 2
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

Drainage

Subsurface

Surface Subsurface

Geophysical Anomalies

Point Source Magnetometer Anomaly

Ground Penetrating Radar

Magnetometer

Terrain Conductivity

Ground Penetrating Radar

Terrain Conductivity

Terrain Conductivity Fill

Likely Remediation Zones

Chemical

Subareas

145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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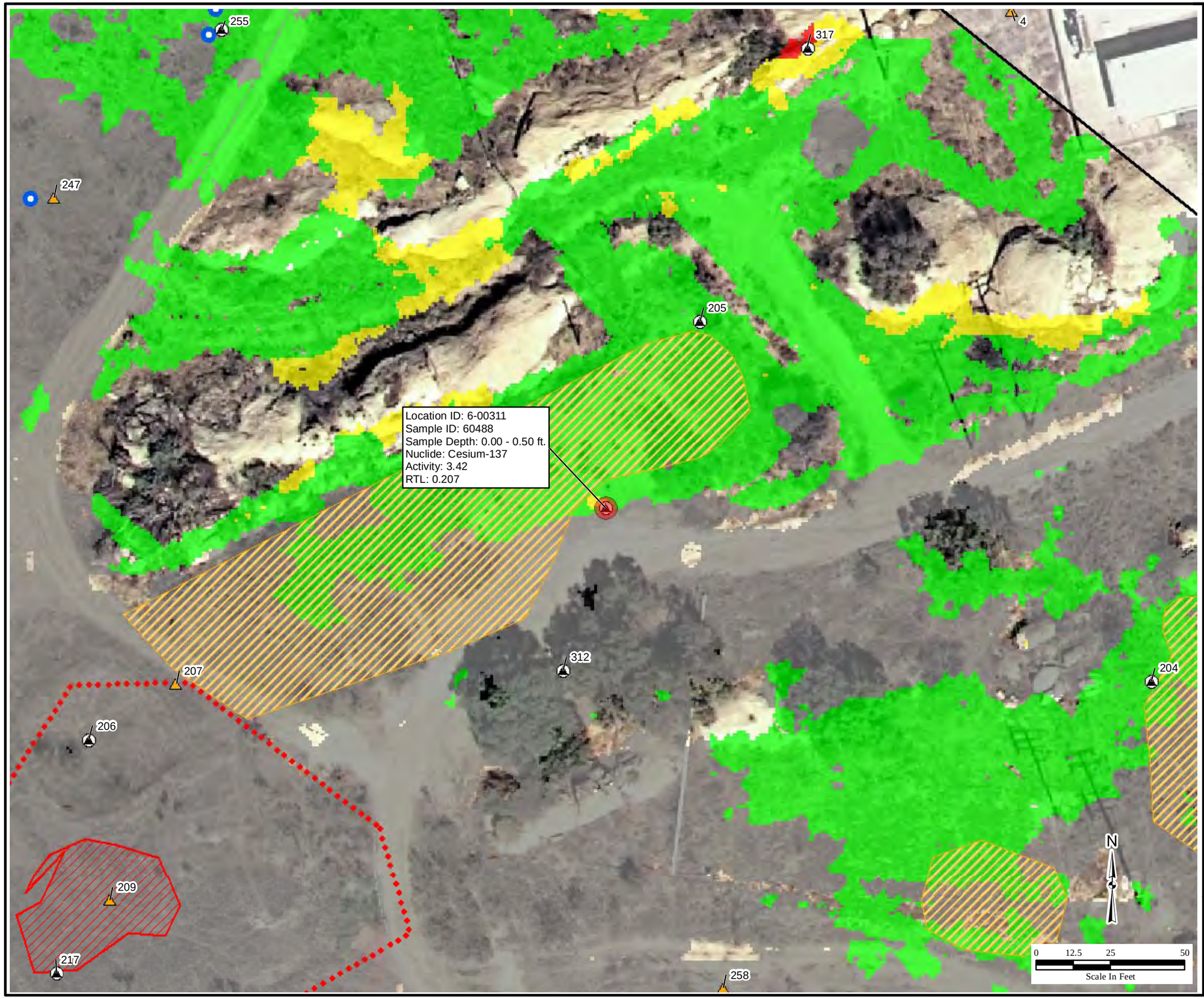
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007

HGL HydroGeoLogic, Inc



HGL-Technical Memorandum, Subarea 6, Round 1,
Soil Sample Results, SSFL-Ventura County, California

Figure 8
Old Conservation Yard
Sample Locations
Subarea 6, Round 2
Santa Susana Field Laboratory

U.S. EPA Region 9

Legend

Exceed RTLs

Round 1 Sample Location

Subsurface

Surface Subsurface

Geophysical Anomalies

Magnetometer

Terrain Conductivity

Terrain Conductivity Fill

Likely Remediation Zones

Chemical

Subareas

145 Location ID

Gamma Total Count (counts per second)

13000 14800 16600 18400

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

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Fig8_Subarea6_OCY.mxd
5/4/2012 pbillock
Source:HGL 2010, CIRGIS 2007

ATTACHMENT 1

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 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00001	NA	NA	ML	0.8	0.8	--	--
6-00002	NA	1-5	ML/CL/SM/CL/SM	10	NA	1908620.30081785	6347860.23657428
6-00003	NA	1-5	ML/CL/SM/CL/SM/SP	9.3	9.3	1908592.87469160	6347847.98495836
6-00004	0-0.5	1-2.5	SM	2.5	2.5	1908633.58655244	6347794.46964544
6-00005	0-0.5	NA	SM	1.2	1.2	1908533.89186993	6347808.67926270
6-00006	NA	1-5	SM/SP/SM/SW/ML	10	NA	1908736.52007361	6347888.89399728
6-00007	NA	1-2	SW/SC	2	2	1908790.08853602	6347921.86440377
6-00008	0-0.25	NA	SW	0.25	0.25	1908749.68474543	6347983.34131494
6-00009	0-0.5	NA	SM	1	1	1908804.05865243	6347962.16255152
6-00010	NA	1-5	SM/SP	7.5	7.5	1908636.75157236	6347922.19609603
6-00011	NA	NA	SM	1.7	1.7	--	--
6-00012	0-0.5	NA	SM	1.8	1.8	1908555.81636678	6347908.07538935
6-00013	0-0.5	NA	SM	1	1	1908442.41501877	6347947.98180561
6-00014	NA	1-5	ML/CL/SM	10	NA	1908635.87821452	6347865.31497618
6-00015	NA	1-5	ML/SM/CL/SM/SP	10	NA	1908620.63513477	6347876.59284077
6-00016	NA	1-5	ML/CL/SM/ML/SM	10	NA	1908601.93864985	6347844.22020210
6-00017	0-0.5	NA	SM	1	1	1908748.92162360	6347841.77893403
6-00018	NA	1-5	ML/SM	10	NA	1908667.86535527	6347888.00784419
6-00019	NA	1-5	ML/CL/SM	10	NA	1908655.01433110	6347852.40227236
6-00020	0-0.5	NA	SM	1.5	1.5	1908684.96899560	6347819.16316561
6-00021	NA	NA	Sandstone Bedrock	0.9	0.9	--	--
6-00022	NA	NA	Sandstone Bedrock	1.3	1.3	--	--

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00023	NA	NA	Sandstone Bedrock	0.9	0.9	--	--
6-00024	NA	1-5	SM/ML/SP	10	NA	1908686.94635385	6347900.18203243
6-00025	NA	1-5	ML/SM	10	NA	1908651.86341877	6347877.81987244
6-00026	0-0.5	1-5	ML/CL/SM	10	NA	1908624.01603352	6347844.32518877
6-00027	0-0.5	1-5	ML/CL/ML/SM	10	NA	1908586.97444093	6347833.13295394
6-00028	0-0.5	NA	SM	1.3	1.3	1908669.75577144	6347998.64738668
6-00029	0-0.5	NA	ML	0.75	0.75	1908487.83225077	6347699.94457203
6-00030	0-0.5	1-5	SM/SP	9.5	9.5	1908997.98641418	6347951.38632636
6-00031	NA	1-5	SM	10	NA	1908860.94239694	6347886.04164077
6-00032	NA	2.5-7.5	SM/ML/SM/SW/SM	7.5	7.5	1908915.35108077	6347928.94181745
6-00033	NA	1-3.5	ML	3.5	3.5	1908894.02828877	6347942.24231577
6-00034	0-0.5	1-5	SM/SP/SC/CL/SC	9.5	9.5	1908995.91292752	6347978.87675694
6-00035	0-0.5	1-3.3	SM/ML	3.3	3.3	1908958.78209627	6347954.43520477
6-00036	0-0.5	1-5	SM/SP/ML/SP	9	9	1908981.98316535	6347932.78564177
6-00037	0-0.5	1-5	ML/SC	10	NA	1909264.14401835	6348261.20296395
6-00038	NA	NA	SM	1.5	1.5	--	--
6-00039	NA	5-10	SW/SM/ML/SM/SP	10	NA	1908887.25303985	6347913.83292377
6-00040	0-0.5	1-5	SM/SP	5.7	5.7	1908945.98126885	6347937.57008102
6-00041	NA	1-4	ML/SM	4	4	1908809.25089927	6348094.99036986
6-00042	NA	1-3.5	ML/SM/ML	3.5	3.5	1908844.06939919	6348120.47358660
6-00043	0-0.5	NA	ML	0.5	0.5	1908841.44407636	6348097.03039202
6-00044	0-0.5	1-3.8	ML	3.8	3.8	1908822.08059803	6348107.72492444

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00045	NA	1-5	CL/SC	7	7	1909013.59432261	6347991.69595702
6-00045	0-0.5	NA	SM	0.5	NA	1909013.59432261	6347991.69595702
6-00046	0-0.5	NA	ML	1.4	1.4	1908969.84145735	6347986.04833053
6-00047	0-0.5	1-1.8	SM	1.8	1.8	1909010.90239885	6348150.25961627
6-00048	0-0.5	NA	ML	0.8	0.8	1908950.84805702	6348090.79713677
6-00049	0-0.5	1-3.5	SM/ML	3.5	3.5	1909052.48794560	6348360.81989069
6-00050	0-0.5	1-2	ML	2	2	1909038.45680569	6348199.62008186
6-00051	0-0.5	1-4.5	ML/SM	4.5	4.5	1909065.01876044	6348208.92485328
6-00052	0-0.5	1-2.25	SM	2.25	2.25	1909034.99322994	6348131.43747544
6-00053	0-0.5	1-2.2	SM	2.2	2.2	1909043.58015501	6348169.68247770
6-00054	0-0.5	NA	SM	1.4	1.4	1909063.33930185	6348154.45678636
6-00055	0-0.5	1-3	ML	3	3	1909077.16703010	6348189.16209753
6-00056	0-0.5	1-1.8	ML	1.8	1.8	1908936.66238986	6348072.46154353
6-00057	0-0.5	1-4	SM	4	4	1908918.12043218	6348112.98442836
6-00058	0-0.5	1-2	SW	2	2	1908906.60339485	6348103.33188861
6-00059	0-0.5	NA	SM	0.5	0.5	1908980.36932343	6348075.99270443
6-00060	0-0.5	NA	SM	1.5	1.5	1909040.42268102	6348092.48479745
6-00061	0-0.5	NA	SM	1.5	1.5	1909061.61752053	6348114.64813894
6-00062	0-0.5	1-5	ML/SM	8	8	1909150.12128052	6348156.52764836
6-00063	0-0.5	NA	SM	0.75	0.75	1909125.67644752	6348139.42958544
6-00064	0-0.5	1-5	SM/ML/SC	10	NA	1909196.14809135	6348183.85239686
6-00065	NA	1-2.75	SM	2.75	2.75	1908826.74791151	6347909.83030711

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00066	0-0.5	1-3.25	SM	3.25	3.25	1909058.38786818	6348021.88356068
6-00067	0-0.5	1-2	SM	2	2	1909011.95357785	6348069.76666702
6-00068	NA	1-5	ML/SM/CL/ML/CL	20	20	1908732.30289043	6347540.31136110
6-00069	NA	1-5	ML/CL/ML/CL	10	NA	1908753.31236285	6347494.01256919
6-00070	NA	1-5	ML/SM/ML/CL/ML/SP/ CL/ML	20	20	1908739.45051393	6347550.28575061
6-00071	NA	1-5	ML/CS/SM	15	15	1908758.23886219	6347578.17545861
6-00072	NA	1-5	ML/SM/SP	10	NA	1908718.86033201	6347683.43607485
6-00073	NA	1-5	ML/SM	5.3	5.3	1908817.00022760	6347571.38577403
6-00074	NA	1-5	ML/SM/ML/SM	10	NA	1908804.07079151	6347590.03468686
6-00075	NA	1-5	ML/SP/CL	10	NA	1908769.64074227	6347526.67064036
6-00076	NA	1-3	SM/SP	3	3	1908660.18787719	6347539.85335678
6-00077	NA	1-5	SP/SM/CL/SM/CL	10	NA	1908709.98469360	6347522.72379786
6-00078	NA	NA	SM	1.5	1.5	--	--
6-00079	NA	1-2.5	SW	2.5	2.5	1908695.80985318	6347485.69828136
6-00080	NA	1-4.5	SC/SM/SW	4.5	4.5	1908687.91124694	6347522.01415361
6-00081	NA	1-5	SM/SP/SM/SP	10	NA	1908808.52222618	6347491.98370185
6-00082	NA	1-5	SM/SC/SP/SW	10	NA	1908806.15182410	6347518.51514485
6-00083	NA	1-5	ML/SM	10	10	1908814.62621660	6347632.82790835
6-00084	NA	1-5	ML/SM/SP	10	10	1908837.65077685	6347610.42178519
6-00085	NA	1-5	ML/SM	8	8	1908849.73474218	6347565.47075961
6-00086	NA	1-5	ML/SM	10	NA	1908833.65669036	6347548.88450669
6-00087	NA	1-5	ML/CL/SM	10	NA	1908836.73837711	6347567.74667369

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00088	NA	1-5	SM/SW/SM	15	15	1908742.18443236	6347584.05733661
6-00089	NA	1-5	ML/CL/ML/CL/ML	10	NA	1908743.46362928	6347531.67489543
6-00090	NA	1-4	SM/SP	4	4	1908695.02999911	6347432.84799336
6-00091	NA	NA	SC/SM	1.5	1.5	--	--
6-00092	NA	NA	SC/SM/SP	1	1	--	--
6-00093	NA	NA	SM/SP	0.8	0.8	--	--
6-00094	NA	1-2	SM/SP	2	2	1908831.92637885	6347501.82095252
6-00095	NA	1-3	SM	3	3	1908838.96442252	6347518.69624686
6-00096	NA	1-2	SM	2	2	1908854.33512668	6347540.96982436
6-00097	NA	1-5	SM/SP	6	6	1908848.92011127	6347551.96422495
6-00098	0-0.5	1-3	SM/SP	3	3	1908783.52785361	6347398.05770860
6-00099	NA	NA	SM/SP	1.5	1.5	--	--
6-00100	NA	NA	SM	1.5	1.5	--	--
6-00101	NA	NA	SM	1	1	--	--
6-00102	0-0.5	NA	SM	0.5	0.5	1908853.36859319	6347497.38789053
6-00103	NA	1-5	SC/SM/SP	10	NA	1908824.25874327	6347513.95806736
6-00104	NA	1-3.5	SM	3.5	3.5	1908824.80237736	6347488.47156978
6-00105	NA	1-3.5	ML/SM	3.5	3.5	1908842.29085943	6347528.69425836
6-00106	NA	NA	SM	1.5	1.5	--	--
6-00107	NA	1-2.5	SM/SP	2.5	2.5	1908759.92717902	6347398.89858620
6-00108	0-0.5	1-2.5	ML/SM/SP	2.5	2.5	1908693.58479202	6347405.58426836
6-00109	0-0.5	NA	SM/SP	0.7	0.7	1908643.71382877	6347450.42013669

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00110	0-0.5	NA	SM	0.25	0.25	1908585.86551927	6347499.73368636
6-00111	0-0.5	NA	SM	0.4	0.4	1908623.68106043	6347581.86180293
6-00112	NA	NA	SP	0.3	0.3	--	--
6-00113	0-0.5	1-5	SM/SC/SM	8	8	1908660.93623526	6347648.82262702
6-00114	NA	1-5	SW/SM/ML/SM	10	NA	1908730.54141101	6347781.75215119
6-00115	NA	NA	SM/SP	0.8	0.8	--	--
6-00116	NA	1-3.5	SM/SP	3.5	3.5	1908689.62187344	6347649.37741594
6-00117	NA	1-2.8	SM/SP	2.8	2.8	1908666.34075202	6347570.47534278
6-00118	NA	1-5	SM/CL/ML/SM/SW/SP	11.5	11.5	1908718.36820702	6347555.27557002
6-00119	NA	1-2.5	SM/SP	2.5	2.5	1908685.38500526	6347579.27420969
6-00120	NA	NA	SP	0.75	0.75	--	--
6-00121	NA	1-2.5	SM/SP	2.5	2.5	1908630.96319810	6347400.65908135
6-00122	NA	NA	SM	0.5	0.5	--	--
6-00123	NA	1-5	SM/ML/SM	10	NA	1908770.52197410	6347573.77848577
6-00124	NA	1-5	SM/SW/SM/SC	14	14	1908761.78380260	6347591.55010377
6-00125	NA	1-5	SC/SW/CL/SP/CL/SP	21.3	21.3	1908752.51643269	6347563.92909603
6-00126	0-0.5	1-5	SM/SP/SM	10	NA	1908664.72855052	6347377.57284143
6-00127	0-0.5	1-3	ML	3	3	1908881.35147685	6347425.54748302
6-00128	0-0.5	1-5	ML/SM	8.5	8.5	1908895.27795818	6347437.58486052
6-00129	0-0.5	1-5	ML/SM	6.8	6.8	1908906.29237185	6347458.26624961
6-00130	0-0.5	1-5	ML/SM/ML	5.5	5.5	1908910.18048744	6347483.22978236
6-00131	0-0.5	NA	ML	0.5	0.5	1908884.39871486	6347449.29612319

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00132	0-0.5	NA	ML	1.75	1.75	1908896.28681444	6347483.73634302
6-00133	0-0.5	NA	ML	1.5	1.5	1908908.91014877	6347422.51796153
6-00134	0-0.5	NA	ML	1.5	1.5	1908917.66866143	6347444.89619760
6-00135	NA	1-5	SM	5	5	1909018.60087427	6347427.22070802
6-00136	NA	1-5	SM/SP	10	NA	1909031.71994252	6347390.33757970
6-00137	NA	1-2.5	SM	2.5	2.5	1909049.29569477	6347418.11770786
6-00138	NA	1-5	SM/SP	10	NA	1908995.02054085	6347399.39825710
6-00139	NA	1-5	SM/SP	10	NA	1909008.61303335	6347364.18047978
6-00140	[2]Archaeological site no sample collected.						
6-00141	[2]Archaeological site no sample collected.						
6-00142	0-0.5	1-2	ML	2	2	1908886.90953660	6347471.73111769
6-00143	0-0.5	1-2.3	ML	2.3	2.3	1908899.40951160	6347496.80587070
6-00144	0-0.5	1-4.5	ML/SM	4.5	4.5	1908905.61061469	6347511.96233643
6-00145	0-0.5	1- 4.5	SM/ML/SP	4.5	4.5	1908924.86943443	6347516.12801052
6-00146	0-0.5	NA	ML	1.42	1.42	1908913.70410244	6347534.03348653
6-00147	0-0.5	NA	ML	1.75	1.75	1908873.59525877	6347458.89223261
6-00148	0-0.5	NA	ML	1.5	1.5	1908898.29238786	6347526.21755728
6-00149	0-0.5	NA	SM	0.75	0.75	1908901.01810418	6347552.53279336
6-00150	0-0.5	1-2.25	ML	2.25	2.25	1908883.00370452	6347518.15031619
6-00151	0-0.5	1-5	ML/SM/SP	10	NA	1908563.59522261	6348190.59090043
6-00152	0-0.5	NA	ML	0.83	0.83	1908592.74772336	6348064.35099544
6-00153	0-0.5	1-4	ML	4	4	1908617.68566561	6348399.78109886

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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)	Northing[1]	Easting[1]
6-00154	0-0.5	1-3.8	SM	3.8	3.8	1908599.99541227	6348388.17088586
6-00155	0-0.5	1-5	ML/SM/SP	7	7	1908682.98474760	6348153.04307528
6-00156	0-0.5	1-4	ML	4	4	1908233.16937427	6348222.32377660
6-00157	0-0.5	1-3.25	SM/ML	3.25	3.25	1908258.99084493	6348259.33092044
6-00158	0-0.5	1-5	SM/ML	5	5	1908302.49042985	6348266.48773028
6-00159	0-0.5	3-8	SM/ML/SC	8	8	1908277.58070277	6348358.75427802
6-00160	0-0.5	1.2-5.2	SM/ML	5.2	5.2	1908268.29528826	6348333.55124444
6-00161	0-0.5	1-5	SM/ML	5	5	1908264.15225193	6348232.56653827
6-00162	0-0.5	NA	SW	0.58	0.58	1908216.12183618	6348248.70233278
6-00163	0-0.5	NA	SP	0.96	0.96	1908213.38069993	6348302.18352502
6-00164	0-0.5	1-5	SM/ML	9.16	9.16	1908240.10604018	6348357.33269293
6-00165	0-0.5	NA	SM	1.75	1.75	1908198.08283026	6348329.93478186
6-00166	0-0.5	1-4	SM/ML	4	4	1908285.25030686	6348251.25350878
6-00167	0-0.5	1-4	SM/ML	4	4	1908263.01445894	6348204.59940260
6-00168	0-0.5	1-3	SM/SW	3	3	1908504.53562944	6348257.12620044
6-00169	0-0.5	1-2.5	SM/SP	2.5	2.5	1908488.67181602	6348296.35906161
6-00170	0-0.5	1-4.5	SM/SP-SC/ML/SP	4.5	4.5	1908468.46549161	6348228.46057536
6-00171	0-0.5	1-5	SM/SP-SC/SP	6	6	1908381.22025926	6348188.75527419
6-00172	0-0.5	NA	SM	1.25	1.25	1908550.58081293	6348385.50684920
6-00173	0-0.5	1-5	SM/SC	5.16	5.16	1908593.48951977	6348623.83675311
6-00174	0-0.5	1-3	ML/SM	3	3	1908558.53289677	6348022.04596194
6-00175	0-0.5	NA	ML	1.66	1.66	1908578.42885435	6348039.11252886

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00176	0-0.5	1-2.3	ML	2.3	2.3	1908627.79817818	6348091.34733252
6-00177	0-0.5	NA	ML	1.83	1.83	1908592.97672552	6348083.54583894
6-00178	0-0.5	1-2	ML	2	2	1908571.04632318	6348071.15019444
6-00179	0-0.5	1-3	SM/SC/SP	3	3	1908550.16513134	6348073.42151536
6-00180	0-0.5	1-5	ML/SM	6.5	6.5	1908538.99848702	6348117.42241160
6-00181	0-0.5	6-6.5	ML/SM	6.83	6.83	1908554.34622535	6348099.89849652
6-00182	0-0.5	1-5	ML/SM/SP	10	NA	1908540.34100401	6348133.55230060
6-00183	0-0.5	1-5	ML/SM/SP	10	NA	1908548.84197126	6348158.09523052
6-00184	0-0.5	1-2.3	ML	2.3	2.3	1908600.93733951	6348029.64863702
6-00185	0-0.5	1-5	SM/SP	10	NA	1908528.63105369	6348159.96825828
6-00186	0-0.5	1-5	ML/SM/SP	10	NA	1908535.72454344	6348151.75633244
6-00187	0-0.5	1-5	ML/SM/SP	8	8	1908571.03582452	6348133.01260352
6-00188	0-0.5	1-4	SM/ML	4	4	1908276.24441935	6348307.15890877
6-00189	NA	NA	ML	1.5	1.5	--	--
6-00190	0-0.5	1-2.3	ML	2.3	2.3	1909177.91420394	6348500.13227610
6-00191	NA	1-1.75	SM/ML	1.75	1.75	1909247.33040368	6348522.18013227
6-00192	0-0.5	1-5	ML/SM/SP/SM	10	NA	1909241.45508735	6348607.47458111
6-00193	0-0.5	1-2.5	ML	2.5	2.5	1909294.79356335	6348759.88142852
6-00194	0-0.5	NA	ML	1.3	1.3	1909337.60614178	6348804.51158860
6-00195	NA	1-2	ML	2	2	1909243.10895544	6348734.93594035
6-00196	NA	1-5	ML	6.5	6.5	1909147.81288619	6348692.75853127
6-00197	NA	1-5	CL/SM/SP	7.3	7.3	1909087.35565802	6348733.84407903

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00198	NA	1-5	ML/GM/ML	10	NA	1908964.69284560	6348736.61146194
6-00199	NA	1-5	ML/SM	7.5	7.5	1909065.50858885	6348657.62375903
6-00200	NA	1-5	ML/SM	6.5	6.5	1909024.31182085	6348685.34384794
6-00201	NA	1-6.8	CL/SM	6.8	6.8	1908985.52187219	6348568.75451419
6-00202	NA	NA	ML	0.92	0.92	--	--
6-00203	NA	1-2.5	ML/SM	2.5	2.5	1908975.00614518	6349221.50025594
6-00204	0-0.5	1-5	ML/SM/SP	5.5	5.5	1909025.97028211	6349132.74190327
6-00205	0-0.5	1-5	ML/SM/SP	5.5	5.5	1909147.06912127	6348980.75008127
6-00206	0-0.5	1-5	CL	5	5	1909006.57826053	6348775.09005952
6-00207	NA	1-5	ML/SM	6.83	6.83	1909025.35643819	6348804.59065670
6-00208	NA	1-5	ML/CL/SM/SP	7.3	7.3	1909129.15216236	6348733.07931678
6-00209	NA	1-5	ML/CL/SM	8	8	1908952.60625561	6348782.21766995
6-00210	NA	1-5	ML/SP/ML/SM/SP	10	NA	1908853.49424910	6348626.86889927
6-00211	0-0.5	1-2.75	SM/SW	2.75	2.75	1908567.59751119	6348899.71809111
6-00212	0-0.5	1-5	ML/CL	5	5	1908816.46184285	6348821.96759044
6-00213	0-0.5	1-5	ML/SM	7	7	1908979.25548051	6348657.97644861
6-00214	0-0.5	1-1.8	ML	1.83	1.83	1908670.40898535	6348916.76005177
6-00215	0-0.5	1-5	ML/CL	6.5	6.5	1908623.71682152	6348854.47015011
6-00216	0-0.5	1-1.8	SM	1.8	1.8	1908605.72834043	6348937.36434127
6-00217	0-0.5	1-5	ML/CL/SM	8.5	8.5	1908928.04659344	6348764.16225986
6-00218	0-0.5	NA	ML/SM	1.66	1.66	1908727.94627185	6349032.77622394
6-00219	0-0.5	1-3.6	SM	3.6	3.6	1908611.02393351	6348995.33436969

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00220	0-0.5	1-2	SM/ML	2	2	1908694.30395068	6348934.50870394
6-00221	NA	1-2	SM	2	2	1908544.86166426	6349088.97427428
6-00222	NA	1-4.5	SM	4.5	4.5	1908563.01451510	6349025.87892802
6-00223	NA	1-3.5	SM	3.5	3.5	1908512.57137452	6349057.46449478
6-00224	NA	1-4.5	SM/SP	4.5	4.5	1908543.53555143	6349174.50428694
6-00225	NA	1-4.5	SM	4.5	4.5	1908484.53173244	6349120.59166510
6-00226	NA	1-5	SM	5	5	1908493.24103260	6349011.48656836
6-00227	0-0.5	1-5	SM/SP	10	NA	1908424.46984468	6348594.38996161
6-00228	0-0.5	1-5	SM	5	5	1908474.24435143	6348891.91069202
6-00229	0-0.5	1-3	SM	3	3	1908181.74952960	6349362.80213868
6-00230	0-0.5	1-4.8	SP	4.8	4.8	1907880.10610402	6349225.17872627
6-00231	0-0.5	1-4.25	SM	4.25	4.25	1908662.52514285	6349324.04729494
6-00232	0-0.5	1-3.5	SM	3.5	3.5	1907707.11793293	6348956.66384336
6-00233	0-0.5	1-2	SM/SP	2	2	1908491.03467219	6349387.68332252
6-00234	0-0.5	1-2.8	ML	2.8	2.8	1907819.27420469	6349051.10131852
6-00235	0-0.5	1-5	SM/SP	5	5	1907487.18300535	6348480.96400736
6-00236	0-0.5	NA	ML	1.5	1.5	1907564.06933452	6348536.21422495
6-00237	0-0.5	1-2.7	SM	2.7	2.7	1908410.74054144	6348960.98568511
6-00238	0-0.5	1-2	SM/SP	2	2	1908433.79692577	6349245.97691302
6-00239	0-0.5	NA	ML/SM	1.5	1.5	1908732.09980686	6349028.62400128
6-00240	0-0.5	1-2	SM	2	2	1908408.57387911	6349149.27861561
6-00241	0-0.5	1-5	SM/SP	10	NA	1908463.67252219	6348600.20655103

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00242	0-0.5	1-5	SM/SP	10	NA	1908532.06969510	6348611.86958544
6-00243	0-0.5	1-2.5	ML/SP	2.5	2.5	1908441.82217218	6348784.02868993
6-00244	0-0.5	NA	ML	1.5	1.5	1908419.43212511	6348638.13200010
6-00245	0-0.5	1-2.25	SM/SP	2.25	2.25	1909312.30763593	6348839.94950986
6-00246	NA	1-5	ML/SP	6.5	6.5	1909164.01725011	6348656.80322261
6-00247	NA	1-5	ML	6.5	6.5	1909188.80558635	6348763.42046344
6-00248	NA	1-5	ML/SM/SP	6.6	6.6	1909162.59828968	6348729.43496711
6-00249	NA	1-5	ML/SM/SP	5	5	1909309.86341511	6348652.13361253
6-00250	NA	1-4.5	ML	4.5	4.5	1909269.73127752	6348683.73984852
6-00251	NA	1-5	ML/SP	5	5	1909209.00994226	6348745.17509311
6-00252	NA	1-5	ML	5.4	5.4	1909231.82157643	6348675.16210978
6-00253	0-0.5	1-5	ML/SP/SM	6	6	1909335.66060761	6348727.27256986
6-00254	0-0.5	1-3.5	SM/SP	3.5	3.5	1909371.92529885	6348797.49782310
6-00255	0-0.5	1-3	ML/SP	3	3	1909245.06170744	6348819.78157119
6-00256	0-0.5	1-3.7	ML/SP	3.7	3.7	1909274.35036276	6348794.90005928
6-00257	NA	1-2.5	ML/SP	2.5	2.5	1909197.59231418	6348703.98849569
6-00258	NA	NA	SW/SP	0.8	0.8	--	--
6-00259	NA	1-5	SW/ML/SM/SP	7	7	1908882.19924419	6349057.58293286
6-00260	NA	1-5	SM/SP	7	7	1908858.61398952	6349116.91188244
6-00261	NA	1-5	SM/SP	10	NA	1908858.50440969	6349227.93954752
6-00262	NA	1-5	SW/SM/SP	6.75	6.75	1908853.54739860	6348982.82586452
6-00263	NA	1-5	ML/SM/SP	10	NA	1908916.78710152	6349211.52160136

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00264	NA	NA	SW/SM/SP	1.3	1.3	--	--
6-00265	NA	1-5	SM/SP	5	5	1908826.72100869	6348924.65537719
6-00266	NA	1-5	SW/ML/SM/SP	7.5	7.5	1908832.89914593	6349038.49799727
6-00267	NA	1-5	ML/SP	10	NA	1909294.65511219	6348589.30959119
6-00268	0-0.5	1-5	SM/SP	6.6	6.6	1909377.41413301	6348706.65975019
6-00269	NA	1-3	SM/SP	3	3	1909424.05249119	6349010.44588803
6-00270	NA	1-3.3	ML/SP	3.3	3.3	1909030.87578410	6348588.31615485
6-00271	NA	1-2	SM	2	2	1909041.87313743	6349209.17252469
6-00272	NA	1-5	SM/ML	10	NA	1908790.99371794	6347862.17489061
6-00273	NA	1-5	SW/SM/ML	10	NA	1908757.61419152	6347817.33114828
6-00274	NA	1-5	SW/SM/ML	10	NA	1908736.24710827	6347763.90868294
6-00275	NA	1-5	SM/ML/SW/SP	10	NA	1908732.24285118	6347721.01047477
6-00276	NA	1-5	SM/ML/SP	10	NA	1908781.14629668	6347675.71397744
6-00277	NA	1-2.5	SM/SP	2.5	2.5	1908866.63431469	6347585.94151918
6-00278	0-0.5	NA	SM	0.5	0.5	1908902.32781285	6347616.31809886
6-00279	0-0.5	1-5	ML/SM	10	NA	1908964.40183568	6347716.14696744
6-00280	0-0.5	1-4.5	CL/ML	4.5	4.5	1908986.36406210	6347767.08026452
6-00281	0-0.5	NA	SM	1.2	1.2	1909007.10811511	6347792.91813935
6-00282	0-0.5	1-4	SM/SP	4	4	1908880.93677951	6347639.28983769
6-00283	0-0.5	14-15	SM/ML/SP	20	20	1908831.64586760	6347679.34421952
6-00284	0-0.5	1-5	SM/ML/SP	16.5	16.5	1908816.41427077	6347749.25976211
6-00285	0-0.5	1-5	CL/SM/GW	10	10	1908832.12880626	6347808.86430170

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00286	0-0.5	1-2.6	ML/SM	2.6	2.6	1908759.41143201	6347351.64211902
6-00287	0-0.5	NA	SM	1.33	1.33	1908784.84412393	6347383.40747544
6-00288	0-0.5	1-2.5	SM/SP	2.5	2.5	1908794.92612477	6347407.30637777
6-00289	0-0.5	1-4.5	SP/SM	4.5	4.5	1908804.84408393	6347411.50715677
6-00290	0-0.5	NA	ML	1.5	1.5	1908835.57368126	6347457.66684136
6-00291	0-0.5	1-2.7	ML	2.7	2.7	1908830.13602810	6347446.04219270
6-00292	0-0.5	NA	ML	1	1	1908848.83645002	6347486.37413302
6-00293	0-0.5	1-2.5	SM/SP/ML	2.5	2.5	1908920.86813010	6347481.44107203
6-00294	0-0.25	NA	SM	0.25	0.25	1908909.89472686	6347523.73002945
6-00295	0-0.5	1-2	SM	2	2	1908860.62678076	6347534.66701545
6-00296	0-0.5	NA	SM	0.8	0.8	1908878.36657469	6347547.83923319
6-00297	0-0.5	NA	SM	1	1	1908868.50143693	6347527.56893252
6-00298	0-0.5	NA	SM	1.6	1.6	1908887.82390486	6347565.73913178
6-00299	0-0.5	1-5	ML	10	NA	1908643.08751768	6347625.32234594
6-00300	0-0.5	NA	SM	1	1	1908995.04285052	6347757.72103128
6-00301	0-0.5	1-5	ML/SC	7.25	7.25	1908549.53553943	6347964.55362286
6-00302	0-0.5	1-2.2	ML/SP	2.2	2.2	1908820.07436843	6348125.64483611
6-00303	0-0.5	NA	ML	1	1	1908874.10772493	6348170.20445828
6-00304	0-0.5	1-1.7	ML	1.7	1.7	1908893.22678119	6348185.65291819
6-00305	0.3-0.8	1-3	CL	3	3	1908341.07138944	6348499.09651702
6-00306	0-0.5	0.5-1	ML/SM/SP	7.5	7.5	1908361.36137511	6348563.77158452
6-00307	0-0.5	NA	SM	1.1	1.1	1908258.71886386	6348548.64399011

Table A.1
Boring Log Summary
Subarea 6, Round 1

Sample Location	Surface Interval Collection (ft bgs)	Subsurface Interval Collection (ft bgs)	Soil Description	Total Depth (ft bgs)	Refusal Depth (ft bgs)	Northing[1]	Easting[1]
6-00308	0-0.5	1-2.6	SM	2.6	2.6	1908223.58606011	6348567.89329544
6-00309	0-0.5	1-2.5	ML/SP	2.5	2.5	1908397.14772086	6348676.21164836
6-00310	0-0.5	1-5	ML/CL	7	7	1908678.17471786	6348829.86488436
6-00311	0-0.5	1-3	ML/SP	3	3	1909084.33171393	6348949.07790053
6-00312	0-0.5	1-5	SM	6.25	6.25	1909029.66154769	6348934.64026536
6-00313	0-0.5	1-2	ML	2	2	1908682.25049710	6348914.77744420
6-00314	0-0.5	1-4	SM/SP	4	4	1908436.41207802	6348941.56905727
6-00315	0-0.5	1-4	SM/SW	4	4	1908436.48556869	6348974.41512020
6-00316	0-0.5	NA	ML/SP	0.9	0.9	1908424.42653769	6349076.79680519
6-00317	0-0.5	NA	SM	0.75	0.75	1909238.88947569	6349016.90748927
6-00318	0-0.5	1-2	ML/SP	2	2	1908442.96947960	6349183.32218268
6-00319	0-0.5	1-5	SM/SP	6.75	6.75	1908936.20569785	6349262.23475453
6-00320	0-0.5	1-2	SM/SP	2	2	1908460.88611044	6349258.00477610
6-00321	0-0.5	1-3	SM/ML/SP	3	3	1908296.27292260	6348391.78177102
6-00322	0-0.5	1-3.5	SM	3.5	3.5	1908312.50976677	6348403.07932061

Notes:

[1]Northing and easting measured using NAD83 SPZ5 US Feet

[2]No soil disturbance allowed in an Archeological Site therefore no sample was collected.

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 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00002	60002	Ac-227	-0.0254 U	0.168	0.0501	0.217	1.00 - 5.00
6-00002	60002	Ac-228	1.34	0.0871	0.0645	2.4	1.00 - 5.00
6-00002	60002	Am-241	0.0123	0.03	0.009	0.0454	1.00 - 5.00
6-00002	60002	Bi-212	0.953	0.117	0.0716	2.15	1.00 - 5.00
6-00002	60002	Bi-214	0.92	0.0255	0.0438	1.59	1.00 - 5.00
6-00002	60002	Cd-113m	-97.8 UJ	112	43.9	3030	1.00 - 5.00
6-00002	60002	Cm-243/244	0.0077 U	0.0237	0.0068	0.0443	1.00 - 5.00
6-00002	60002	Co-60	0.0068 U	0.0153	0.0047	0.028	1.00 - 5.00
6-00002	60002	Cs-134	0.0049 U	0.0136	0.0048	0.0864	1.00 - 5.00
6-00002	60002	Cs-137	-0.0072 U	0.015	0.0049	0.207	1.00 - 5.00
6-00002	60002	Eu-152	0.0311 J	0.0412	0.0214	0.0566	1.00 - 5.00
6-00002	60002	Eu-154	-0.0414 U	0.0844	0.0272	0.15	1.00 - 5.00
6-00002	60002	Eu-155	0.0443 SJ	0.0592	0.022	0.231	1.00 - 5.00
6-00002	60002	Ho-166m	0.0061 U	0.0237	0.0072	0.0432	1.00 - 5.00
6-00002	60002	K-40	20.9	0.109	1.28	32.4	1.00 - 5.00
6-00002	60002	Na-22	-0.0018 U	0.0181	0.0063	0.037	1.00 - 5.00
6-00002	60002	Nb-94	0.0013 U	0.0133	0.004	0.0214	1.00 - 5.00
6-00002	60002	Np-236	-0.0143 U	0.0313	0.0103	0.047	1.00 - 5.00
6-00002	60002	Np-239	0.0011 U	0.113	0.0333	0.139	1.00 - 5.00
6-00002	60002	Pa-231	-0.372 U	0.694	0.231	0.936	1.00 - 5.00
6-00002	60002	Pb-212	1.49	0.0294	0.0913	2.69	1.00 - 5.00
6-00002	60002	Pb-214	1.02	0.0298	0.0488	1.7	1.00 - 5.00
6-00002	60002	Pu-236	-0.0019 U	0.0212	0.0043	7.79	1.00 - 5.00
6-00002	60002	Pu-238	0.0017 U	0.0183	0.0043	0.0415	1.00 - 5.00
6-00002	60002	Pu-239/240	0.0005 U	0.0263	0.0064	0.0404	1.00 - 5.00
6-00002	60002	Pu-244	0.0006 U	0.0128	0.0025	0.0313	1.00 - 5.00
6-00002	60002	Sb-125	0.0035 U	0.0397	0.0118	0.354	1.00 - 5.00
6-00002	60002	Sn-126	0.0028 U	0.0154	0.0047	0.0237	1.00 - 5.00
6-00002	60002	Sr-90	-0.0419 U	0.231	0.0585	0.485	1.00 - 5.00
6-00002	60002	Th-228	1.28	0.118	0.129	3.98	1.00 - 5.00
6-00002	60002	Th-229	0.0294 U	0.0964	0.0275	0.145	1.00 - 5.00
6-00002	60002	Th-230	0.931	0.054	0.0996	2.2	1.00 - 5.00
6-00002	60002	Th-232	1.13	0.0679	0.114	3.1	1.00 - 5.00
6-00002	60002	Th-234	1.45	0.253	0.141	3.19	1.00 - 5.00
6-00002	60002	Tl-208	0.484	0.0145	0.027	0.937	1.00 - 5.00
6-00002	60002	Tm-171	-8.88 UJ	10.9	4.39	72.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00002	60002	U-233/234	0.767	0.077	0.0955	2.02	1.00 - 5.00
6-00002	60002	U-235/236	0.0661	0.0689	0.0281	0.151	1.00 - 5.00
6-00002	60002	U-238	0.9	0.045	0.105	1.8	1.00 - 5.00
6-00003	60003	Ac-227	-0.124 UJ	0.152	0.0565	0.217	1.00 - 5.00
6-00003	60003	Ac-228	1.31	0.0967	0.0603	2.4	1.00 - 5.00
6-00003	60003	Am-241	-0.0105 U	0.0358	0.0072	0.0454	1.00 - 5.00
6-00003	60003	Bi-212	1.12	0.132	0.0871	2.15	1.00 - 5.00
6-00003	60003	Bi-214	0.88	0.0304	0.043	1.59	1.00 - 5.00
6-00003	60003	Cd-113m	-21.3 U	101	31.9	3030	1.00 - 5.00
6-00003	60003	Cm-243/244	0.0041 U	0.0402	0.0106	0.0443	1.00 - 5.00
6-00003	60003	Co-60	0.0031 U	0.0191	0.0055	0.028	1.00 - 5.00
6-00003	60003	Cs-134	0.0006 U	0.0152	0.0052	0.0864	1.00 - 5.00
6-00003	60003	Cs-137	0.0028 U	0.0175	0.0061	0.207	1.00 - 5.00
6-00003	60003	Eu-152	-0.003 U	0.041	0.012	0.0566	1.00 - 5.00
6-00003	60003	Eu-154	-0.0456 U	0.0997	0.0323	0.15	1.00 - 5.00
6-00003	60003	Eu-155	0.0999 SJ	0.0443	0.0183	0.231	1.00 - 5.00
6-00003	60003	Ho-166m	0.0004 U	0.0275	0.0079	0.0432	1.00 - 5.00
6-00003	60003	K-40	19	0.149	1.04	32.4	1.00 - 5.00
6-00003	60003	Na-22	0.002 U	0.0236	0.0068	0.037	1.00 - 5.00
6-00003	60003	Nb-94	0.0036 U	0.0161	0.0047	0.0214	1.00 - 5.00
6-00003	60003	Np-236	-0.0151 U	0.0239	0.008	0.047	1.00 - 5.00
6-00003	60003	Np-239	-0.0445 U	0.0985	0.0324	0.139	1.00 - 5.00
6-00003	60003	Pa-231	-0.0304 U	0.651	0.202	0.936	1.00 - 5.00
6-00003	60003	Pb-212	1.45	0.0267	0.0812	2.69	1.00 - 5.00
6-00003	60003	Pb-214	0.947	0.0299	0.0442	1.7	1.00 - 5.00
6-00003	60003	Pu-236	0	0.006	0.0022	7.79	1.00 - 5.00
6-00003	60003	Pu-238	0.0049	0.0136	0.004	0.0415	1.00 - 5.00
6-00003	60003	Pu-239/240	0.0066 U	0.0213	0.0061	0.0404	1.00 - 5.00
6-00003	60003	Pu-244	0.0085	0.0058	0.0043	0.0313	1.00 - 5.00
6-00003	60003	Sb-125	0.0254 SJ	0.042	0.0134	0.354	1.00 - 5.00
6-00003	60003	Sn-126	0.0083 U	0.0186	0.0056	0.0237	1.00 - 5.00
6-00003	60003	Sr-90	0.0222 U	0.232	0.0621	0.485	1.00 - 5.00
6-00003	60003	Th-228	1.26	0.103	0.121	3.98	1.00 - 5.00
6-00003	60003	Th-229	-0.0064 U	0.077	0.0169	0.145	1.00 - 5.00
6-00003	60003	Th-230	0.882	0.0173	0.0909	2.2	1.00 - 5.00
6-00003	60003	Th-232	1	0.0173	0.0988	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00003	60003	Th-234	1.57	0.17	0.122	3.19	1.00 - 5.00
6-00003	60003	Tl-208	0.457	0.0174	0.0265	0.937	1.00 - 5.00
6-00003	60003	Tm-171	3.79 J	5.7	2.15	72.4	1.00 - 5.00
6-00003	60003	U-233/234	0.636	0.0421	0.081	2.02	1.00 - 5.00
6-00003	60003	U-235/236	0.049	0.0221	0.0204	0.151	1.00 - 5.00
6-00003	60003	U-238	0.827	0.0179	0.0966	1.8	1.00 - 5.00
6-00004	60004	Ac-227	-0.0386 U	0.129	0.0393	0.217	0.00 - 0.50
6-00004	60004	Ac-228	1.4	0.0634	0.0614	2.4	0.00 - 0.50
6-00004	60004	Am-241	0.0034 U	0.0125	0.0034	0.0454	0.00 - 0.50
6-00004	60004	Bi-212	0.96	0.0891	0.0667	2.15	0.00 - 0.50
6-00004	60004	Bi-214	1.1	0.0199	0.0481	1.59	0.00 - 0.50
6-00004	60004	Cd-113m	-60.9 UJ	84.6	29.2	3030	0.00 - 0.50
6-00004	60004	Cm-243/244	0 U	0.0205	0.0048	0.0443	0.00 - 0.50
6-00004	60004	Co-60	-0.0034 U	0.0124	0.0037	0.028	0.00 - 0.50
6-00004	60004	Cs-134	-0.0006 U	0.0103	0.0036	0.0864	0.00 - 0.50
6-00004	60004	Cs-137	0.032	0.0111	0.006	0.207	0.00 - 0.50
6-00004	60004	Eu-152	-0.0122 U	0.0312	0.0099	0.0566	0.00 - 0.50
6-00004	60004	Eu-154	-0.008 U	0.0661	0.023	0.15	0.00 - 0.50
6-00004	60004	Eu-155	0.0899 JS	0.044	0.0192	0.231	0.00 - 0.50
6-00004	60004	Ho-166m	-0.0045 U	0.0175	0.0053	0.0432	0.00 - 0.50
6-00004	60004	K-40	24.1	0.0905	1.34	32.4	0.00 - 0.50
6-00004	60004	Na-22	0.0076	0.0146	0.0053	0.037	0.00 - 0.50
6-00004	60004	Nb-94	0.0055 JS	0.0105	0.0033	0.0214	0.00 - 0.50
6-00004	60004	Np-236	-0.0014 U	0.0242	0.0074	0.047	0.00 - 0.50
6-00004	60004	Np-239	0.0291 U	0.0859	0.026	0.139	0.00 - 0.50
6-00004	60004	Pa-231	0.0017 U	0.531	0.162	0.936	0.00 - 0.50
6-00004	60004	Pb-212	1.58	0.023	0.0938	2.69	0.00 - 0.50
6-00004	60004	Pb-214	1.2	0.0221	0.0556	1.7	0.00 - 0.50
6-00004	60004	Pu-236	0 U	0.0292	0.0075	7.79	0.00 - 0.50
6-00004	60004	Pu-238	0.0048 U	0.0251	0.0069	0.0415	0.00 - 0.50
6-00004	60004	Pu-239/240	-0.0032 U	0.019	0.0039	0.0404	0.00 - 0.50
6-00004	60004	Pu-244	0.0079	0.0147	0.0048	0.0313	0.00 - 0.50
6-00004	60004	Sb-125	0.013 U	0.0308	0.0097	0.354	0.00 - 0.50
6-00004	60004	Sn-126	-0.0032 U	0.0114	0.0034	0.0237	0.00 - 0.50
6-00004	60004	Sr-90	-0.0326 U	0.129	0.0303	0.485	0.00 - 0.50
6-00004	60004	Th-228	1.63	0.0198	0.144	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00004	60004	Th-229	0 U	0.0812	0.0191	0.145	0.00 - 0.50
6-00004	60004	Th-230	1.21	0.0183	0.114	2.2	0.00 - 0.50
6-00004	60004	Th-232	1.46	0.0182	0.13	3.1	0.00 - 0.50
6-00004	60004	Th-234	1.61 J	0.189	0.128	3.19	0.00 - 0.50
6-00004	60004	Tl-208	0.504	0.0113	0.0264	0.937	0.00 - 0.50
6-00004	60004	Tm-171	-3.04 U	7.67	2.7	72.4	0.00 - 0.50
6-00004	60004	U-233/234	1.11	0.0336	0.112	2.02	0.00 - 0.50
6-00004	60004	U-235/236	0.067	0.0415	0.0227	0.151	0.00 - 0.50
6-00004	60004	U-238	1.04	0.0143	0.107	1.8	0.00 - 0.50
6-00004	60005	Ac-227	0.104 J	0.183	0.0594	0.217	1.00 - 2.50
6-00004	60005	Ac-228	1.22	0.083	0.0597	2.4	1.00 - 2.50
6-00004	60005	Am-241	0.0013 U	0.0342	0.0085	0.0454	1.00 - 2.50
6-00004	60005	Bi-212	0.756	0.113	0.0709	2.15	1.00 - 2.50
6-00004	60005	Bi-214	0.736	0.0249	0.0357	1.59	1.00 - 2.50
6-00004	60005	Cd-113m	-115 UJ	122	51.2	3030	1.00 - 2.50
6-00004	60005	Cm-243/244	-0.0088 U	0.0344	0.007	0.0443	1.00 - 2.50
6-00004	60005	Co-60	0.0042 U	0.0151	0.0045	0.028	1.00 - 2.50
6-00004	60005	Cs-134	0.0392 SJ	0.0153	0.0105	0.0864	1.00 - 2.50
6-00004	60005	Cs-137	-0.0006 U	0.0145	0.0044	0.207	1.00 - 2.50
6-00004	60005	Eu-152	0.0499 J	0.0436	0.0272	0.0566	1.00 - 2.50
6-00004	60005	Eu-154	-0.0025 U	0.0835	0.0252	0.15	1.00 - 2.50
6-00004	60005	Eu-155	0.0134 U	0.0699	0.0215	0.231	1.00 - 2.50
6-00004	60005	Ho-166m	0.002 U	0.0223	0.0067	0.0432	1.00 - 2.50
6-00004	60005	K-40	23.2	0.101	1.5	32.4	1.00 - 2.50
6-00004	60005	Na-22	-0.0132 UJ	0.0176	0.0062	0.037	1.00 - 2.50
6-00004	60005	Nb-94	0.011 SJ	0.0131	0.0046	0.0214	1.00 - 2.50
6-00004	60005	Np-236	-0.032 UJ	0.0368	0.0137	0.047	1.00 - 2.50
6-00004	60005	Np-239	0.06 U	0.127	0.0456	0.139	1.00 - 2.50
6-00004	60005	Pa-231	0.205 U	0.755	0.275	0.936	1.00 - 2.50
6-00004	60005	Pb-212	1.79	0.032	0.128	2.69	1.00 - 2.50
6-00004	60005	Pb-214	0.822	0.0307	0.0463	1.7	1.00 - 2.50
6-00004	60005	Pu-236	0.0026	0.007	0.0026	7.79	1.00 - 2.50
6-00004	60005	Pu-238	0.0007 U	0.0156	0.003	0.0415	1.00 - 2.50
6-00004	60005	Pu-239/240	0.0038 U	0.0193	0.0049	0.0404	1.00 - 2.50
6-00004	60005	Pu-244	-0.0011 U	0.0193	0.0035	0.0313	1.00 - 2.50
6-00004	60005	Sb-125	0.0058 U	0.04	0.012	0.354	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00004	60005	Sn-126	0.0008 U	0.0145	0.0043	0.0237	1.00 - 2.50
6-00004	60005	Sr-90	-0.138 U	0.303	0.0745	0.485	1.00 - 2.50
6-00004	60005	Th-228	1.16	0.0782	0.115	3.98	1.00 - 2.50
6-00004	60005	Th-229	0.0136 U	0.0499	0.0136	0.145	1.00 - 2.50
6-00004	60005	Th-230	0.846	0.0729	0.0917	2.2	1.00 - 2.50
6-00004	60005	Th-232	1.17	0.0627	0.113	3.1	1.00 - 2.50
6-00004	60005	Th-234	1.7 J	0.356	0.431	3.19	1.00 - 2.50
6-00004	60005	Tl-208	0.414	0.0145	0.0235	0.937	1.00 - 2.50
6-00004	60005	Tm-171	8.19 U	18.9	6.47	72.4	1.00 - 2.50
6-00004	60005	U-233/234	0.99	0.0409	0.109	2.02	1.00 - 2.50
6-00004	60005	U-235/236	0.0714	0.0215	0.0244	0.151	1.00 - 2.50
6-00004	60005	U-238	0.77	0.0174	0.0911	1.8	1.00 - 2.50
6-00005	60006	Ac-227	-0.0622 U	0.142	0.0468	0.217	0.00 - 0.50
6-00005	60006	Ac-228	1.24	0.0875	0.0559	2.4	0.00 - 0.50
6-00005	60006	Am-241	0.0076	0.0176	0.0054	0.0454	0.00 - 0.50
6-00005	60006	Bi-212	0.792	0.123	0.0726	2.15	0.00 - 0.50
6-00005	60006	Bi-214	0.966	0.0267	0.0448	1.59	0.00 - 0.50
6-00005	60006	Cd-113m	-30.3 U	95.8	30.8	3030	0.00 - 0.50
6-00005	60006	Cm-243/244	0.0077 U	0.0206	0.0061	0.0443	0.00 - 0.50
6-00005	60006	Co-60	0.0053 U	0.0175	0.0051	0.028	0.00 - 0.50
6-00005	60006	Cs-134	0.0062 U	0.0137	0.0049	0.0864	0.00 - 0.50
6-00005	60006	Cs-137	0.241	0.0148	0.0155	0.207	0.00 - 0.50
6-00005	60006	Eu-152	-0.0351 UJ	0.0371	0.0139	0.0566	0.00 - 0.50
6-00005	60006	Eu-154	-0.0388 U	0.092	0.0295	0.15	0.00 - 0.50
6-00005	60006	Eu-155	0.106 JS	0.041	0.0191	0.231	0.00 - 0.50
6-00005	60006	Ho-166m	-0.0122 U	0.0234	0.0075	0.0432	0.00 - 0.50
6-00005	60006	K-40	23.3	0.128	1.26	32.4	0.00 - 0.50
6-00005	60006	Na-22	-0.0048 U	0.0201	0.006	0.037	0.00 - 0.50
6-00005	60006	Nb-94	0.0001 U	0.0137	0.004	0.0214	0.00 - 0.50
6-00005	60006	Np-236	0.0027 U	0.0231	0.0068	0.047	0.00 - 0.50
6-00005	60006	Np-239	-0.0273 U	0.0927	0.0294	0.139	0.00 - 0.50
6-00005	60006	Pa-231	0.118 UJ	0.613	0.192	0.936	0.00 - 0.50
6-00005	60006	Pb-212	1.4	0.0247	0.0779	2.69	0.00 - 0.50
6-00005	60006	Pb-214	0.981	0.027	0.0446	1.7	0.00 - 0.50
6-00005	60006	Pu-236	0.0075	0.0161	0.005	7.79	0.00 - 0.50
6-00005	60006	Pu-238	0.0085	0.0104	0.004	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00005	60006	Pu-239/240	0.0113	0.0104	0.0045	0.0404	0.00 - 0.50
6-00005	60006	Pu-244	0.0043	0.0038	0.0025	0.0313	0.00 - 0.50
6-00005	60006	Sb-125	-0.0083 U	0.0378	0.0115	0.354	0.00 - 0.50
6-00005	60006	Sn-126	0.0055 U	0.0155	0.0046	0.0237	0.00 - 0.50
6-00005	60006	Sr-90	0.0047 U	0.0959	0.0251	0.485	0.00 - 0.50
6-00005	60006	Th-228	1.28	0.0955	0.123	3.98	0.00 - 0.50
6-00005	60006	Th-229	-0.0067 U	0.0884	0.0202	0.145	0.00 - 0.50
6-00005	60006	Th-230	0.915	0.0808	0.0961	2.2	0.00 - 0.50
6-00005	60006	Th-232	1.13	0.0182	0.108	3.1	0.00 - 0.50
6-00005	60006	Th-234	1.52 J	0.159	0.11	3.19	0.00 - 0.50
6-00005	60006	Tl-208	0.452	0.0148	0.0254	0.937	0.00 - 0.50
6-00005	60006	Tm-171	-0.83 U	5.36	1.74	72.4	0.00 - 0.50
6-00005	60006	U-233/234	0.959	0.0515	0.103	2.02	0.00 - 0.50
6-00005	60006	U-235/236	0.106	0.0191	0.0283	0.151	0.00 - 0.50
6-00005	60006	U-238	1.09	0.0154	0.112	1.8	0.00 - 0.50
6-00006	60008	Ac-227	-0.0111 U	0.132	0.0393	0.217	1.00 - 5.00
6-00006	60008	Ac-228	1.34	0.0734	0.0601	2.4	1.00 - 5.00
6-00006	60008	Am-241	0.0093	0.0161	0.0054	0.0454	1.00 - 5.00
6-00006	60008	Bi-212	0.842	0.0999	0.0639	2.15	1.00 - 5.00
6-00006	60008	Bi-214	0.901	0.0214	0.0411	1.59	1.00 - 5.00
6-00006	60008	Cd-113m	31.5 U	88.7	27.9	3030	1.00 - 5.00
6-00006	60008	Cm-243/244	0.0012 U	0.0162	0.0036	0.0443	1.00 - 5.00
6-00006	60008	Co-60	-0.0009 UJ	0.0132	0.0039	0.028	1.00 - 5.00
6-00006	60008	Cs-134	0.0027 U	0.0112	0.0038	0.0864	1.00 - 5.00
6-00006	60008	Cs-137	0.0035 UJ	0.0129	0.0044	0.207	1.00 - 5.00
6-00006	60008	Eu-152	-0.0217 U	0.0326	0.0116	0.0566	1.00 - 5.00
6-00006	60008	Eu-154	-0.0661 UJ	0.0723	0.0269	0.15	1.00 - 5.00
6-00006	60008	Eu-155	0.0974 JS	0.0462	0.0203	0.231	1.00 - 5.00
6-00006	60008	Ho-166m	-0.0059 U	0.0198	0.0061	0.0432	1.00 - 5.00
6-00006	60008	K-40	23.9	0.0904	1.28	32.4	1.00 - 5.00
6-00006	60008	Na-22	-0.0074 U	0.0158	0.0051	0.037	1.00 - 5.00
6-00006	60008	Nb-94	0 U	0.0115	0.0034	0.0214	1.00 - 5.00
6-00006	60008	Np-236	0.0021 U	0.0253	0.0077	0.047	1.00 - 5.00
6-00006	60008	Np-239	0.002 U	0.0891	0.0262	0.139	1.00 - 5.00
6-00006	60008	Pa-231	0.23 U	0.557	0.173	0.936	1.00 - 5.00
6-00006	60008	Pb-212	1.47	0.0231	0.0833	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00006	60008	Pb-214	1.02	0.0239	0.0468	1.7	1.00 - 5.00
6-00006	60008	Pu-236	0.002	0.0054	0.002	7.79	1.00 - 5.00
6-00006	60008	Pu-238	0.0016 U	0.0171	0.004	0.0415	1.00 - 5.00
6-00006	60008	Pu-239/240	-0.0027 U	0.0149	0.0027	0.0404	1.00 - 5.00
6-00006	60008	Pu-244	0.0057	0.0051	0.0033	0.0313	1.00 - 5.00
6-00006	60008	Sb-125	0.0177 JS	0.0319	0.0104	0.354	1.00 - 5.00
6-00006	60008	Sn-126	-0.0007 U	0.0126	0.0037	0.0237	1.00 - 5.00
6-00006	60008	Sr-90	-0.0143 U	0.21	0.0554	0.485	1.00 - 5.00
6-00006	60008	Th-228	1.53	0.0814	0.141	3.98	1.00 - 5.00
6-00006	60008	Th-229	0.0354	0.0192	0.016	0.145	1.00 - 5.00
6-00006	60008	Th-230	1.24	0.0657	0.12	2.2	1.00 - 5.00
6-00006	60008	Th-232	1.34	0.0191	0.125	3.1	1.00 - 5.00
6-00006	60008	Th-234	1.7	0.198	0.13	3.19	1.00 - 5.00
6-00006	60008	Tl-208	0.488	0.0126	0.0262	0.937	1.00 - 5.00
6-00006	60008	Tm-171	-6.79 UJ	8.17	3.19	72.4	1.00 - 5.00
6-00006	60008	U-233/234	0.813	0.111	0.11	2.02	1.00 - 5.00
6-00006	60008	U-235/236	0.0284 UJ	0.0876	0.025	0.151	1.00 - 5.00
6-00006	60008	U-238	0.939	0.0709	0.119	1.8	1.00 - 5.00
6-00007	60009	Ac-227	-0.0173 U	0.186	0.0549	0.217	1.00 - 2.00
6-00007	60009	Ac-228	1.11	0.0898	0.0571	2.4	1.00 - 2.00
6-00007	60009	Am-241	0.0164	0.0231	0.0081	0.0454	1.00 - 2.00
6-00007	60009	Bi-212	0.833	0.117	0.0729	2.15	1.00 - 2.00
6-00007	60009	Bi-214	0.742	0.0282	0.0364	1.59	1.00 - 2.00
6-00007	60009	Cd-113m	45.9 U	129	42.6	3030	1.00 - 2.00
6-00007	60009	Cm-243/244	-0.0007 U	0.027	0.0062	0.0443	1.00 - 2.00
6-00007	60009	Co-60	0.0017 U	0.0167	0.0049	0.028	1.00 - 2.00
6-00007	60009	Cs-134	-0.0003 U	0.0142	0.005	0.0864	1.00 - 2.00
6-00007	60009	Cs-137	-0.0119 UJ	0.0159	0.0057	0.207	1.00 - 2.00
6-00007	60009	Eu-152	-0.0199 U	0.0453	0.0187	0.0566	1.00 - 2.00
6-00007	60009	Eu-154	-0.0222 U	0.096	0.0289	0.15	1.00 - 2.00
6-00007	60009	Eu-155	0.0214 U	0.0659	0.0206	0.231	1.00 - 2.00
6-00007	60009	Ho-166m	-0.0043 U	0.0252	0.0077	0.0432	1.00 - 2.00
6-00007	60009	K-40	21.2	0.0989	1.3	32.4	1.00 - 2.00
6-00007	60009	Na-22	-0.0079 U	0.0193	0.0062	0.037	1.00 - 2.00
6-00007	60009	Nb-94	0.0068 U	0.0155	0.0048	0.0214	1.00 - 2.00
6-00007	60009	Np-236	-0.0266 UJ	0.0356	0.0127	0.047	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00007	60009	Np-239	-0.0366 U	0.126	0.0383	0.139	1.00 - 2.00
6-00007	60009	Pa-231	-0.474 U	0.755	0.266	0.936	1.00 - 2.00
6-00007	60009	Pb-212	1.21	0.0315	0.0746	2.69	1.00 - 2.00
6-00007	60009	Pb-214	0.821	0.0324	0.0414	1.7	1.00 - 2.00
6-00007	60009	Pu-236	-0.0049 U	0.0335	0.0066	7.79	1.00 - 2.00
6-00007	60009	Pu-238	0.0034 U	0.0304	0.0075	0.0415	1.00 - 2.00
6-00007	60009	Pu-239/240	0.0017 U	0.0239	0.0053	0.0404	1.00 - 2.00
6-00007	60009	Pu-244	0.003	0.0082	0.003	0.0313	1.00 - 2.00
6-00007	60009	Sb-125	0.0028 U	0.0417	0.0124	0.354	1.00 - 2.00
6-00007	60009	Sn-126	-0.006 U	0.016	0.0051	0.0237	1.00 - 2.00
6-00007	60009	Sr-90	-0.0327 U	0.185	0.0454	0.485	1.00 - 2.00
6-00007	60009	Th-228	1.52	0.0928	0.137	3.98	1.00 - 2.00
6-00007	60009	Th-229	0.0346	0.0746	0.0231	0.145	1.00 - 2.00
6-00007	60009	Th-230	1.04	0.0509	0.104	2.2	1.00 - 2.00
6-00007	60009	Th-232	1.36	0.064	0.125	3.1	1.00 - 2.00
6-00007	60009	Th-234	1.05 J	0.284	0.125	3.19	1.00 - 2.00
6-00007	60009	Tl-208	0.378	0.0155	0.0216	0.937	1.00 - 2.00
6-00007	60009	Tm-171	-6.01 U	11.9	4.69	72.4	1.00 - 2.00
6-00007	60009	U-233/234	0.839	0.0393	0.0955	2.02	1.00 - 2.00
6-00007	60009	U-235/236	0.0686	0.0207	0.0234	0.151	1.00 - 2.00
6-00007	60009	U-238	0.842	0.0486	0.096	1.8	1.00 - 2.00
6-00008	60010	Ac-227	0.0211 U	0.135	0.0399	0.217	0.00 - 0.25
6-00008	60010	Ac-228	1.13	0.0749	0.0524	2.4	0.00 - 0.25
6-00008	60010	Am-241	-0.006 U	0.0316	0.0059	0.0454	0.00 - 0.25
6-00008	60010	Bi-212	0.846	0.102	0.0596	2.15	0.00 - 0.25
6-00008	60010	Bi-214	0.701	0.0219	0.0325	1.59	0.00 - 0.25
6-00008	60010	Cd-113m	-28.1 U	87.3	26.8	3030	0.00 - 0.25
6-00008	60010	Cm-243/244	-0.0091 U	0.0438	0.0096	0.0443	0.00 - 0.25
6-00008	60010	Co-60	-0.0032 U	0.0144	0.0044	0.028	0.00 - 0.25
6-00008	60010	Cs-134	0.0191 SK	0.0111	0.005	0.0864	0.00 - 0.25
6-00008	60010	Cs-137	0.0509	0.0131	0.006	0.207	0.00 - 0.25
6-00008	60010	Eu-152	-0.0275 UJ	0.0332	0.0121	0.0566	0.00 - 0.25
6-00008	60010	Eu-154	-0.0286 U	0.0763	0.0237	0.15	0.00 - 0.25
6-00008	60010	Eu-155	0.0659 SJ	0.0469	0.0205	0.231	0.00 - 0.25
6-00008	60010	Ho-166m	0.0061 U	0.02	0.0061	0.0432	0.00 - 0.25
6-00008	60010	K-40	24.8	0.0933	1.51	32.4	0.00 - 0.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00008	60010	Na-22	-0.0055 U	0.0172	0.0054	0.037	0.00 - 0.25
6-00008	60010	Nb-94	0.0042 U	0.0114	0.0035	0.0214	0.00 - 0.25
6-00008	60010	Np-236	0.0018 U	0.0252	0.0076	0.047	0.00 - 0.25
6-00008	60010	Np-239	0.0022 U	0.0885	0.0259	0.139	0.00 - 0.25
6-00008	60010	Pa-231	-0.0338 U	0.549	0.163	0.936	0.00 - 0.25
6-00008	60010	Pb-212	1.3	0.023	0.0771	2.69	0.00 - 0.25
6-00008	60010	Pb-214	0.779	0.0239	0.037	1.7	0.00 - 0.25
6-00008	60010	Pu-236	-0.0039 U	0.0215	0.0043	7.79	0.00 - 0.25
6-00008	60010	Pu-238	0.002 U	0.0117	0.0028	0.0415	0.00 - 0.25
6-00008	60010	Pu-239/240	0.0009 U	0.0168	0.0039	0.0404	0.00 - 0.25
6-00008	60010	Pu-244	-0.0014 U	0.0117	0.0023	0.0313	0.00 - 0.25
6-00008	60010	Sb-125	-0.0101 U	0.0319	0.0101	0.354	0.00 - 0.25
6-00008	60010	Sn-126	0.0026 U	0.0128	0.0038	0.0237	0.00 - 0.25
6-00008	60010	Sr-90	-0.0234 U	0.218	0.0586	0.485	0.00 - 0.25
6-00008	60010	Th-228	1.11	0.0526	0.11	3.98	0.00 - 0.25
6-00008	60010	Th-229	-0.0133 U	0.0797	0.0162	0.145	0.00 - 0.25
6-00008	60010	Th-230	0.668	0.0487	0.0775	2.2	0.00 - 0.25
6-00008	60010	Th-232	1.09	0.0179	0.106	3.1	0.00 - 0.25
6-00008	60010	Th-234	1.34	0.194	0.122	3.19	0.00 - 0.25
6-00008	60010	Tl-208	0.405	0.0124	0.0226	0.937	0.00 - 0.25
6-00008	60010	Tm-171	1.53 U	10.4	3.41	72.4	0.00 - 0.25
6-00008	60010	U-233/234	0.711	0.0605	0.0853	2.02	0.00 - 0.25
6-00008	60010	U-235/236	0.0191 U	0.0588	0.0168	0.151	0.00 - 0.25
6-00008	60010	U-238	0.787	0.0476	0.091	1.8	0.00 - 0.25
6-00009	60012	Ac-227	-0.0191 U	0.127	0.038	0.217	0.00 - 0.50
6-00009	60012	Ac-228	0.967	0.068	0.0466	2.4	0.00 - 0.50
6-00009	60012	Am-241	-0.0082 U	0.0292	0.0047	0.0454	0.00 - 0.50
6-00009	60012	Bi-212	0.672	0.0934	0.0557	2.15	0.00 - 0.50
6-00009	60012	Bi-214	0.701	0.0202	0.0331	1.59	0.00 - 0.50
6-00009	60012	Cd-113m	-6.53 U	85.4	25.4	3030	0.00 - 0.50
6-00009	60012	Cm-243/244	-0.0028 U	0.023	0.0039	0.0443	0.00 - 0.50
6-00009	60012	Co-60	-0.0008 U	0.013	0.0039	0.028	0.00 - 0.50
6-00009	60012	Cs-134	-0.0022 U	0.0107	0.0037	0.0864	0.00 - 0.50
6-00009	60012	Cs-137	0.0924	0.0111	0.0075	0.207	0.00 - 0.50
6-00009	60012	Eu-152	0.0044 UJ	0.0317	0.0103	0.0566	0.00 - 0.50
6-00009	60012	Eu-154	-0.0299 U	0.0681	0.0215	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00009	60012	Eu-155	0.0612 SJ	0.0449	0.0174	0.231	0.00 - 0.50
6-00009	60012	Ho-166m	0.0055 U	0.0185	0.0056	0.0432	0.00 - 0.50
6-00009	60012	K-40	20.6	0.0953	1.23	32.4	0.00 - 0.50
6-00009	60012	Na-22	-0.0026 U	0.0153	0.0046	0.037	0.00 - 0.50
6-00009	60012	Nb-94	0.002 U	0.0101	0.003	0.0214	0.00 - 0.50
6-00009	60012	Np-236	-0.0052 U	0.0243	0.0075	0.047	0.00 - 0.50
6-00009	60012	Np-239	-0.0021 U	0.084	0.0248	0.139	0.00 - 0.50
6-00009	60012	Pa-231	-0.189 U	0.534	0.167	0.936	0.00 - 0.50
6-00009	60012	Pb-212	1.11	0.0218	0.074	2.69	0.00 - 0.50
6-00009	60012	Pb-214	0.777	0.0219	0.0402	1.7	0.00 - 0.50
6-00009	60012	Pu-236	0.0031 U	0.0199	0.0051	7.79	0.00 - 0.50
6-00009	60012	Pu-238	-0.0035 U	0.0221	0.0047	0.0415	0.00 - 0.50
6-00009	60012	Pu-239/240	0.0058 U	0.0247	0.0069	0.0404	0.00 - 0.50
6-00009	60012	Pu-244	0.002 U	0.0118	0.0029	0.0313	0.00 - 0.50
6-00009	60012	Sb-125	0.0125 U	0.0316	0.0099	0.354	0.00 - 0.50
6-00009	60012	Sn-126	-0.0017 U	0.0114	0.0034	0.0237	0.00 - 0.50
6-00009	60012	Sr-90	0.0116 U	0.143	0.0398	0.485	0.00 - 0.50
6-00009	60012	Th-228	1.34	0.0529	0.125	3.98	0.00 - 0.50
6-00009	60012	Th-229	0 U	0.0801	0.0189	0.145	0.00 - 0.50
6-00009	60012	Th-230	0.718	0.049	0.081	2.2	0.00 - 0.50
6-00009	60012	Th-232	1.01	0.018	0.101	3.1	0.00 - 0.50
6-00009	60012	Th-234	0.99 J	0.199	0.106	3.19	0.00 - 0.50
6-00009	60012	Tl-208	0.349	0.0115	0.0201	0.937	0.00 - 0.50
6-00009	60012	Tm-171	-2.84 U	10.1	3.45	72.4	0.00 - 0.50
6-00009	60012	U-233/234	0.801	0.0666	0.0932	2.02	0.00 - 0.50
6-00009	60012	U-235/236	0.0269	0.0596	0.0187	0.151	0.00 - 0.50
6-00009	60012	U-238	0.668	0.0666	0.0824	1.8	0.00 - 0.50
6-00010	60014	Ac-227	-0.0929 U	0.158	0.0528	0.217	1.00 - 5.00
6-00010	60014	Ac-228	1.47	0.0819	0.0673	2.4	1.00 - 5.00
6-00010	60014	Am-241	0.0158	0.0086	0.0071	0.0454	1.00 - 5.00
6-00010	60014	Bi-212	1.07	0.113	0.0765	2.15	1.00 - 5.00
6-00010	60014	Bi-214	1.08	0.0244	0.0483	1.59	1.00 - 5.00
6-00010	60014	Cd-113m	9.97 U	106	31.8	3030	1.00 - 5.00
6-00010	60014	Cm-243/244	-0.0016 U	0.0245	0.0042	0.0443	1.00 - 5.00
6-00010	60014	Co-60	-0.0055 U	0.0148	0.0046	0.028	1.00 - 5.00
6-00010	60014	Cs-134	-0.0021 U	0.0125	0.0044	0.0864	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00010	60014	Cs-137	-0.0024 U	0.014	0.0049	0.207	1.00 - 5.00
6-00010	60014	Eu-152	-0.0498 UJ	0.0379	0.0182	0.0566	1.00 - 5.00
6-00010	60014	Eu-154	-0.0007 U	0.084	0.0289	0.15	1.00 - 5.00
6-00010	60014	Eu-155	0.101 SJ	0.0562	0.0245	0.231	1.00 - 5.00
6-00010	60014	Ho-166m	-0.0037 U	0.0224	0.0069	0.0432	1.00 - 5.00
6-00010	60014	K-40	25.2	0.112	1.58	32.4	1.00 - 5.00
6-00010	60014	Na-22	0.0004 U	0.0184	0.0055	0.037	1.00 - 5.00
6-00010	60014	Nb-94	0.0014 U	0.0129	0.0039	0.0214	1.00 - 5.00
6-00010	60014	Np-236	-0.0108 U	0.0307	0.0098	0.047	1.00 - 5.00
6-00010	60014	Np-239	-0.0645 U	0.106	0.0353	0.139	1.00 - 5.00
6-00010	60014	Pa-231	-0.426 U	0.653	0.23	0.936	1.00 - 5.00
6-00010	60014	Pb-212	1.74	0.0286	0.104	2.69	1.00 - 5.00
6-00010	60014	Pb-214	1.18	0.0279	0.055	1.7	1.00 - 5.00
6-00010	60014	Pu-236	-0.0018 U	0.0291	0.0068	7.79	1.00 - 5.00
6-00010	60014	Pu-238	0.0045	0.014	0.004	0.0415	1.00 - 5.00
6-00010	60014	Pu-239/240	0.0148	0.0139	0.0061	0.0404	1.00 - 5.00
6-00010	60014	Pu-244	0.0003 U	0.0139	0.0027	0.0313	1.00 - 5.00
6-00010	60014	Sb-125	-0.0257 UJ	0.0359	0.0123	0.354	1.00 - 5.00
6-00010	60014	Sn-126	0.0004 U	0.0142	0.0043	0.0237	1.00 - 5.00
6-00010	60014	Sr-90	-0.0287 U	0.121	0.0291	0.485	1.00 - 5.00
6-00010	60014	Th-228	1.61	0.112	0.151	3.98	1.00 - 5.00
6-00010	60014	Th-229	0.0369	0.0543	0.0196	0.145	1.00 - 5.00
6-00010	60014	Th-230	0.919	0.0199	0.0985	2.2	1.00 - 5.00
6-00010	60014	Th-232	1.52	0.0199	0.138	3.1	1.00 - 5.00
6-00010	60014	Th-234	1.87	0.245	0.17	3.19	1.00 - 5.00
6-00010	60014	Tl-208	0.532	0.0138	0.0288	0.937	1.00 - 5.00
6-00010	60014	Tm-171	1.05 U	13.2	4.43	72.4	1.00 - 5.00
6-00010	60014	U-233/234	0.97	0.0368	0.104	2.02	1.00 - 5.00
6-00010	60014	U-235/236	0.114	0.0193	0.0298	0.151	1.00 - 5.00
6-00010	60014	U-238	1.02	0.0455	0.108	1.8	1.00 - 5.00
6-00012	60016	Ac-227	-0.0168 U	0.149	0.046	0.217	0.00 - 0.50
6-00012	60016	Ac-228	1.08	0.0772	0.0522	2.4	0.00 - 0.50
6-00012	60016	Am-241	0.0073 UJ	0.0225	0.0064	0.0454	0.00 - 0.50
6-00012	60016	Bi-212	0.855	0.108	0.0696	2.15	0.00 - 0.50
6-00012	60016	Bi-214	0.765	0.0232	0.0375	1.59	0.00 - 0.50
6-00012	60016	Cd-113m	-33.6 U	97.9	31.4	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00012	60016	Cm-243/244	0.0094	0.0183	0.0061	0.0443	0.00 - 0.50
6-00012	60016	Co-60	-0.0009 U	0.0146	0.0044	0.028	0.00 - 0.50
6-00012	60016	Cs-134	-0.0049 U	0.0114	0.0042	0.0864	0.00 - 0.50
6-00012	60016	Cs-137	0.0166	0.0146	0.0048	0.207	0.00 - 0.50
6-00012	60016	Eu-152	-0.0023 U	0.0366	0.0107	0.0566	0.00 - 0.50
6-00012	60016	Eu-154	-0.0334 U	0.0794	0.0252	0.15	0.00 - 0.50
6-00012	60016	Eu-155	0.0573 JS	0.0523	0.0216	0.231	0.00 - 0.50
6-00012	60016	Ho-166m	-0.0062 U	0.0194	0.0062	0.0432	0.00 - 0.50
6-00012	60016	K-40	20.4	0.105	1.17	32.4	0.00 - 0.50
6-00012	60016	Na-22	-0.0014 U	0.0173	0.0061	0.037	0.00 - 0.50
6-00012	60016	Nb-94	0.006 U	0.0125	0.004	0.0214	0.00 - 0.50
6-00012	60016	Np-236	-0.0022 U	0.0281	0.0083	0.047	0.00 - 0.50
6-00012	60016	Np-239	0.0225 U	0.1	0.0307	0.139	0.00 - 0.50
6-00012	60016	Pa-231	-0.266 U	0.592	0.196	0.936	0.00 - 0.50
6-00012	60016	Pb-212	1.17	0.0269	0.0712	2.69	0.00 - 0.50
6-00012	60016	Pb-214	0.896	0.0266	0.0442	1.7	0.00 - 0.50
6-00012	60016	Pu-236	-0.0073 UJ	0.0473	0.0106	7.79	0.00 - 0.50
6-00012	60016	Pu-238	0.0008 UJ	0.0409	0.01	0.0415	0.00 - 0.50
6-00012	60016	Pu-239/240	0.004 UJ	0.0199	0.005	0.0404	0.00 - 0.50
6-00012	60016	Pu-244	0.0125	0.0085	0.0063	0.0313	0.00 - 0.50
6-00012	60016	Sb-125	0.0056 U	0.0354	0.0104	0.354	0.00 - 0.50
6-00012	60016	Sn-126	-0.005 U	0.0133	0.0043	0.0237	0.00 - 0.50
6-00012	60016	Sr-90	-0.0496 U	0.164	0.0376	0.485	0.00 - 0.50
6-00012	60016	Th-228	1.14	0.0942	0.118	3.98	0.00 - 0.50
6-00012	60016	Th-229	0.0359	0.0668	0.0217	0.145	0.00 - 0.50
6-00012	60016	Th-230	0.896	0.0666	0.097	2.2	0.00 - 0.50
6-00012	60016	Th-232	1.09	0.0194	0.109	3.1	0.00 - 0.50
6-00012	60016	Th-234	1.17 J	0.226	0.13	3.19	0.00 - 0.50
6-00012	60016	Tl-208	0.354	0.0133	0.0213	0.937	0.00 - 0.50
6-00012	60016	Tm-171	-1.35 U	10.7	3.73	72.4	0.00 - 0.50
6-00012	60016	U-233/234	0.806	0.0666	0.0915	2.02	0.00 - 0.50
6-00012	60016	U-235/236	0.0443	0.0449	0.0196	0.151	0.00 - 0.50
6-00012	60016	U-238	0.919	0.0572	0.1	1.8	0.00 - 0.50
6-00013	60018	Ac-227	0.0798 U	0.211	0.0648	0.217	0.00 - 0.50
6-00013	60018	Ac-228	1.18	0.0897	0.0595	2.4	0.00 - 0.50
6-00013	60018	Am-241	-0.0031 U	0.0168	0.0031	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00013	60018	Bi-212	0.871	0.127	0.083	2.15	0.00 - 0.50
6-00013	60018	Bi-214	0.862	0.0292	0.0425	1.59	0.00 - 0.50
6-00013	60018	Cd-113m	-60.1 U	140	51.1	3030	0.00 - 0.50
6-00013	60018	Cm-243/244	-0.0025 U	0.0195	0.0035	0.0443	0.00 - 0.50
6-00013	60018	Co-60	0.0001 U	0.0169	0.0049	0.028	0.00 - 0.50
6-00013	60018	Cs-134	0.088 ZJS	0.0198	0.0216	0.0864	0.00 - 0.50
6-00013	60018	Cs-137	0.0261	0.0163	0.0079	0.207	0.00 - 0.50
6-00013	60018	Eu-152	-0.0199 U	0.0498	0.0302	0.0566	0.00 - 0.50
6-00013	60018	Eu-154	-0.0302 U	0.092	0.029	0.15	0.00 - 0.50
6-00013	60018	Eu-155	0.0537 JS	0.0822	0.028	0.231	0.00 - 0.50
6-00013	60018	Ho-166m	-0.0189 UJ	0.0245	0.0088	0.0432	0.00 - 0.50
6-00013	60018	K-40	21	0.125	1.36	32.4	0.00 - 0.50
6-00013	60018	Na-22	-0.0062 U	0.0201	0.0062	0.037	0.00 - 0.50
6-00013	60018	Nb-94	0.0106 JS	0.0149	0.005	0.0214	0.00 - 0.50
6-00013	60018	Np-236	-0.0288 U	0.0423	0.0148	0.047	0.00 - 0.50
6-00013	60018	Np-239	-0.0451 U	0.143	0.0465	0.139	0.00 - 0.50
6-00013	60018	Pa-231	-0.139 U	0.859	0.3	0.936	0.00 - 0.50
6-00013	60018	Pb-212	1.57	0.0368	0.112	2.69	0.00 - 0.50
6-00013	60018	Pb-214	1.04	0.0346	0.0551	1.7	0.00 - 0.50
6-00013	60018	Pu-236	-0.0058 U	0.0351	0.0073	7.79	0.00 - 0.50
6-00013	60018	Pu-238	-0.0159 U	0.0488	0.0108	0.0415	0.00 - 0.50
6-00013	60018	Pu-239/240	0.0156	0.0241	0.0083	0.0404	0.00 - 0.50
6-00013	60018	Pu-244	-0.0019 U	0.017	0.0033	0.0313	0.00 - 0.50
6-00013	60018	Sb-125	-0.0008 U	0.0457	0.0136	0.354	0.00 - 0.50
6-00013	60018	Sn-126	-0.0022 U	0.0163	0.0049	0.0237	0.00 - 0.50
6-00013	60018	Sr-90	-0.0014 U	0.146	0.0384	0.485	0.00 - 0.50
6-00013	60018	Th-228	1.45	0.11	0.135	3.98	0.00 - 0.50
6-00013	60018	Th-229	0.0269 U	0.0949	0.027	0.145	0.00 - 0.50
6-00013	60018	Th-230	0.866	0.088	0.0936	2.2	0.00 - 0.50
6-00013	60018	Th-232	1.41	0.0493	0.127	3.1	0.00 - 0.50
6-00013	60018	Th-234	0.817 J	0.407	0.254	3.19	0.00 - 0.50
6-00013	60018	Tl-208	0.429	0.0163	0.0246	0.937	0.00 - 0.50
6-00013	60018	Tm-171	2.68 U	21.7	6.92	72.4	0.00 - 0.50
6-00013	60018	U-233/234	1.2	0.061	0.124	2.02	0.00 - 0.50
6-00013	60018	U-235/236	0.0268	0.0593	0.0186	0.151	0.00 - 0.50
6-00013	60018	U-238	1.13	0.0663	0.119	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00014	60020	Ac-227	-0.0262 U	0.129	0.0402	0.217	1.00 - 5.00
6-00014	60020	Ac-228	1.28	0.0696	0.0576	2.4	1.00 - 5.00
6-00014	60020	Am-241	0.0086	0.0202	0.0062	0.0454	1.00 - 5.00
6-00014	60020	Bi-212	0.903	0.0909	0.0633	2.15	1.00 - 5.00
6-00014	60020	Bi-214	0.942	0.0206	0.0424	1.59	1.00 - 5.00
6-00014	60020	Cd-113m	-24.4 U	86.2	28.7	3030	1.00 - 5.00
6-00014	60020	Cm-243/244	0.0025 U	0.0226	0.0056	0.0443	1.00 - 5.00
6-00014	60020	Co-60	0.0075 J	0.0125	0.004	0.028	1.00 - 5.00
6-00014	60020	Cs-134	-0.0037 U	0.0103	0.0037	0.0864	1.00 - 5.00
6-00014	60020	Cs-137	0.0063 J	0.0116	0.0042	0.207	1.00 - 5.00
6-00014	60020	Eu-152	-0.0287 UJ	0.0318	0.0117	0.0566	1.00 - 5.00
6-00014	60020	Eu-154	0.0149 U	0.0664	0.0225	0.15	1.00 - 5.00
6-00014	60020	Eu-155	0.102 JS	0.0448	0.021	0.231	1.00 - 5.00
6-00014	60020	Ho-166m	0.0009 U	0.0181	0.0055	0.0432	1.00 - 5.00
6-00014	60020	K-40	21	0.0903	1.19	32.4	1.00 - 5.00
6-00014	60020	Na-22	-0.0005 U	0.0147	0.0052	0.037	1.00 - 5.00
6-00014	60020	Nb-94	0.0069 JS	0.0109	0.0036	0.0214	1.00 - 5.00
6-00014	60020	Np-236	-0.0134 U	0.0242	0.0079	0.047	1.00 - 5.00
6-00014	60020	Np-239	-0.0026 U	0.087	0.0266	0.139	1.00 - 5.00
6-00014	60020	Pa-231	0.0969 U	0.533	0.165	0.936	1.00 - 5.00
6-00014	60020	Pb-212	1.46	0.0228	0.0862	2.69	1.00 - 5.00
6-00014	60020	Pb-214	1.04	0.0234	0.0481	1.7	1.00 - 5.00
6-00014	60020	Pu-236	-0.0041 U	0.0316	0.0073	7.79	1.00 - 5.00
6-00014	60020	Pu-238	-0.0012 U	0.0222	0.0048	0.0415	1.00 - 5.00
6-00014	60020	Pu-239/240	-0.0044 U	0.0184	0.0033	0.0404	1.00 - 5.00
6-00014	60020	Pu-244	0.0006 U	0.013	0.0025	0.0313	1.00 - 5.00
6-00014	60020	Sb-125	0.0012 U	0.0301	0.0089	0.354	1.00 - 5.00
6-00014	60020	Sn-126	-0.0006 U	0.0119	0.0036	0.0237	1.00 - 5.00
6-00014	60020	Sr-90	0.12 U	0.258	0.0789	0.485	1.00 - 5.00
6-00014	60020	Th-228	1.3	0.088	0.124	3.98	1.00 - 5.00
6-00014	60020	Th-229	0.0412	0.0638	0.0218	0.145	1.00 - 5.00
6-00014	60020	Th-230	0.822	0.0637	0.0897	2.2	1.00 - 5.00
6-00014	60020	Th-232	1.34	0.0896	0.125	3.1	1.00 - 5.00
6-00014	60020	Th-234	1.73	0.19	0.146	3.19	1.00 - 5.00
6-00014	60020	Tl-208	0.444	0.0117	0.0235	0.937	1.00 - 5.00
6-00014	60020	Tm-171	3.77 U	9.3	3.31	72.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00014	60020	U-233/234	0.798	0.0511	0.0873	2.02	1.00 - 5.00
6-00014	60020	U-235/236	0.0584	0.0401	0.0209	0.151	1.00 - 5.00
6-00014	60020	U-238	0.884	0.0402	0.0937	1.8	1.00 - 5.00
6-00015	60021	Ac-227	0.0021 U	0.15	0.0462	0.217	1.00 - 5.00
6-00015	60021	Ac-228	1.3	0.0954	0.0596	2.4	1.00 - 5.00
6-00015	60021	Am-241	0.0127 U	0.0391	0.0113	0.0454	1.00 - 5.00
6-00015	60021	Bi-212	0.963	0.135	0.0789	2.15	1.00 - 5.00
6-00015	60021	Bi-214	0.927	0.0295	0.0442	1.59	1.00 - 5.00
6-00015	60021	Cd-113m	-12.3 U	99.8	31.1	3030	1.00 - 5.00
6-00015	60021	Cm-243/244	-0.0001 U	0.0374	0.0089	0.0443	1.00 - 5.00
6-00015	60021	Co-60	0.0018 U	0.0185	0.0053	0.028	1.00 - 5.00
6-00015	60021	Cs-134	0.0048 U	0.015	0.0052	0.0864	1.00 - 5.00
6-00015	60021	Cs-137	0.0004 U	0.0168	0.0059	0.207	1.00 - 5.00
6-00015	60021	Eu-152	-0.0103 U	0.0395	0.0123	0.0566	1.00 - 5.00
6-00015	60021	Eu-154	-0.0711 UJ	0.0995	0.0351	0.15	1.00 - 5.00
6-00015	60021	Eu-155	0.0832 SJ	0.0425	0.0161	0.231	1.00 - 5.00
6-00015	60021	Ho-166m	-0.0061 U	0.0261	0.0078	0.0432	1.00 - 5.00
6-00015	60021	K-40	20.5	0.139	1.12	32.4	1.00 - 5.00
6-00015	60021	Na-22	0.0078 U	0.0223	0.0066	0.037	1.00 - 5.00
6-00015	60021	Nb-94	0.0087 SJ	0.0153	0.0048	0.0214	1.00 - 5.00
6-00015	60021	Np-236	-0.0037 U	0.0242	0.0076	0.047	1.00 - 5.00
6-00015	60021	Np-239	-0.0174 U	0.0981	0.0305	0.139	1.00 - 5.00
6-00015	60021	Pa-231	-0.25 U	0.629	0.207	0.936	1.00 - 5.00
6-00015	60021	Pb-212	1.52	0.0263	0.0847	2.69	1.00 - 5.00
6-00015	60021	Pb-214	1.01	0.0282	0.0465	1.7	1.00 - 5.00
6-00015	60021	Pu-236	-0.0026 U	0.0206	0.0036	7.79	1.00 - 5.00
6-00015	60021	Pu-238	-0.0016 U	0.0139	0.0027	0.0415	1.00 - 5.00
6-00015	60021	Pu-239/240	-0.0041 U	0.0218	0.0038	0.0404	1.00 - 5.00
6-00015	60021	Pu-244	0.0006 U	0.0138	0.0027	0.0313	1.00 - 5.00
6-00015	60021	Sb-125	0.0147 U	0.0409	0.0124	0.354	1.00 - 5.00
6-00015	60021	Sn-126	-0.0036 U	0.0166	0.0049	0.0237	1.00 - 5.00
6-00015	60021	Sr-90	-0.0937 U	0.256	0.0634	0.485	1.00 - 5.00
6-00015	60021	Th-228	1.4	0.0786	0.131	3.98	1.00 - 5.00
6-00015	60021	Th-229	-0.0068 U	0.0735	0.0153	0.145	1.00 - 5.00
6-00015	60021	Th-230	0.871	0.0632	0.0931	2.2	1.00 - 5.00
6-00015	60021	Th-232	1.21	0.063	0.115	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00015	60021	Th-234	1.57	0.177	0.116	3.19	1.00 - 5.00
6-00015	60021	Tl-208	0.482	0.0163	0.0272	0.937	1.00 - 5.00
6-00015	60021	Tm-171	-1.06 U	5.66	1.84	72.4	1.00 - 5.00
6-00015	60021	U-233/234	0.856	0.0398	0.0909	2.02	1.00 - 5.00
6-00015	60021	U-235/236	0.0125	0.0169	0.0089	0.151	1.00 - 5.00
6-00015	60021	U-238	0.944	0.0321	0.0975	1.8	1.00 - 5.00
6-00016	60022	Ac-227	0.0211 U	0.143	0.0435	0.217	1.00 - 5.00
6-00016	60022	Ac-228	1.17	0.0725	0.0552	2.4	1.00 - 5.00
6-00016	60022	Am-241	0.0063 U	0.0299	0.0079	0.0454	1.00 - 5.00
6-00016	60022	Bi-212	0.877	0.102	0.0715	2.15	1.00 - 5.00
6-00016	60022	Bi-214	0.809	0.0227	0.0381	1.59	1.00 - 5.00
6-00016	60022	Cd-113m	49.5 J	96.8	33.4	3030	1.00 - 5.00
6-00016	60022	Cm-243/244	0.0004 U	0.0302	0.0068	0.0443	1.00 - 5.00
6-00016	60022	Co-60	-0.0046 U	0.0131	0.0041	0.028	1.00 - 5.00
6-00016	60022	Cs-134	-0.0028 U	0.0112	0.0039	0.0864	1.00 - 5.00
6-00016	60022	Cs-137	-0.0061 U	0.013	0.0042	0.207	1.00 - 5.00
6-00016	60022	Eu-152	0.013 U	0.0363	0.0139	0.0566	1.00 - 5.00
6-00016	60022	Eu-154	-0.0054 U	0.0721	0.0254	0.15	1.00 - 5.00
6-00016	60022	Eu-155	0.0549 SJ	0.0521	0.02	0.231	1.00 - 5.00
6-00016	60022	Ho-166m	-0.0082 U	0.0197	0.0063	0.0432	1.00 - 5.00
6-00016	60022	K-40	17.9	0.0955	1.04	32.4	1.00 - 5.00
6-00016	60022	Na-22	0.0006 U	0.0158	0.0051	0.037	1.00 - 5.00
6-00016	60022	Nb-94	0.0014 U	0.012	0.0036	0.0214	1.00 - 5.00
6-00016	60022	Np-236	-0.0145 U	0.0273	0.0092	0.047	1.00 - 5.00
6-00016	60022	Np-239	-0.0207 U	0.0957	0.0296	0.139	1.00 - 5.00
6-00016	60022	Pa-231	0.17 U	0.606	0.194	0.936	1.00 - 5.00
6-00016	60022	Pb-212	1.38	0.0252	0.0829	2.69	1.00 - 5.00
6-00016	60022	Pb-214	0.934	0.0255	0.0441	1.7	1.00 - 5.00
6-00016	60022	Pu-236	-0.0004 U	0.0217	0.0045	7.79	1.00 - 5.00
6-00016	60022	Pu-238	0.0052	0.0146	0.0043	0.0415	1.00 - 5.00
6-00016	60022	Pu-239/240	0.0111	0.0207	0.0067	0.0404	1.00 - 5.00
6-00016	60022	Pu-244	0.0029 U	0.0146	0.0036	0.0313	1.00 - 5.00
6-00016	60022	Sb-125	0.0015 U	0.0344	0.01	0.354	1.00 - 5.00
6-00016	60022	Sn-126	-0.0078 U	0.0125	0.0043	0.0237	1.00 - 5.00
6-00016	60022	Sr-90	0.0475 U	0.307	0.0876	0.485	1.00 - 5.00
6-00016	60022	Th-228	1.34	0.0822	0.129	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00016	60022	Th-229	0.0143 U	0.0525	0.0143	0.145	1.00 - 5.00
6-00016	60022	Th-230	0.797	0.0766	0.0902	2.2	1.00 - 5.00
6-00016	60022	Th-232	1.1	0.0192	0.109	3.1	1.00 - 5.00
6-00016	60022	Th-234	1.38 J	0.221	0.144	3.19	1.00 - 5.00
6-00016	60022	Tl-208	0.419	0.0127	0.0231	0.937	1.00 - 5.00
6-00016	60022	Tm-171	-6.56 U	10.7	4.19	72.4	1.00 - 5.00
6-00016	60022	U-233/234	0.679	0.0141	0.0775	2.02	1.00 - 5.00
6-00016	60022	U-235/236	0.0533	0.041	0.0202	0.151	1.00 - 5.00
6-00016	60022	U-238	0.823	0.0141	0.0889	1.8	1.00 - 5.00
6-00017	60023	Ac-227	-0.0403 U	0.114	0.0354	0.217	0.00 - 0.50
6-00017	60023	Ac-228	1.09	0.0631	0.049	2.4	0.00 - 0.50
6-00017	60023	Am-241	0.0015 U	0.0166	0.0033	0.0454	0.00 - 0.50
6-00017	60023	Bi-212	0.745	0.0885	0.054	2.15	0.00 - 0.50
6-00017	60023	Bi-214	0.66	0.0182	0.0307	1.59	0.00 - 0.50
6-00017	60023	Cd-113m	-11.7 U	76	23.5	3030	0.00 - 0.50
6-00017	60023	Cm-243/244	-0.0001 U	0.0253	0.0052	0.0443	0.00 - 0.50
6-00017	60023	Co-60	-0.0057 U	0.0115	0.0038	0.028	0.00 - 0.50
6-00017	60023	Cs-134	-0.0012 U	0.0094	0.0032	0.0864	0.00 - 0.50
6-00017	60023	Cs-137	0.0414	0.0116	0.0053	0.207	0.00 - 0.50
6-00017	60023	Eu-152	-0.0055 UJ	0.0289	0.0095	0.0566	0.00 - 0.50
6-00017	60023	Eu-154	-0.0221 U	0.0645	0.0198	0.15	0.00 - 0.50
6-00017	60023	Eu-155	0.0417 SJ	0.0403	0.0155	0.231	0.00 - 0.50
6-00017	60023	Ho-166m	0 U	0.0174	0.0052	0.0432	0.00 - 0.50
6-00017	60023	K-40	21.8	0.0822	1.17	32.4	0.00 - 0.50
6-00017	60023	Na-22	0.0015 U	0.0138	0.0047	0.037	0.00 - 0.50
6-00017	60023	Nb-94	0.0023 U	0.0099	0.003	0.0214	0.00 - 0.50
6-00017	60023	Np-236	-0.0023 U	0.0218	0.0067	0.047	0.00 - 0.50
6-00017	60023	Np-239	0.0006 U	0.0762	0.0224	0.139	0.00 - 0.50
6-00017	60023	Pa-231	-0.156 U	0.472	0.146	0.936	0.00 - 0.50
6-00017	60023	Pb-212	1.23	0.0196	0.0699	2.69	0.00 - 0.50
6-00017	60023	Pb-214	0.719	0.0207	0.0341	1.7	0.00 - 0.50
6-00017	60023	Pu-236	0.0004 U	0.0144	0.0028	7.79	0.00 - 0.50
6-00017	60023	Pu-238	-0.0067 U	0.0218	0.0039	0.0415	0.00 - 0.50
6-00017	60023	Pu-239/240	0.0064	0.0136	0.0044	0.0404	0.00 - 0.50
6-00017	60023	Pu-244	0	0.0055	0.002	0.0313	0.00 - 0.50
6-00017	60023	Sb-125	-0.0015 U	0.0275	0.0084	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00017	60023	Sn-126	0.0032 U	0.0111	0.0033	0.0237	0.00 - 0.50
6-00017	60023	Sr-90	-0.0464 U	0.112	0.0254	0.485	0.00 - 0.50
6-00017	60023	Th-228	0.594	0.0555	0.0762	3.98	0.00 - 0.50
6-00017	60023	Th-229	0.0139 U	0.0746	0.0196	0.145	0.00 - 0.50
6-00017	60023	Th-230	0.408	0.0745	0.0607	2.2	0.00 - 0.50
6-00017	60023	Th-232	0.641	0.0508	0.077	3.1	0.00 - 0.50
6-00017	60023	Th-234	1.26	0.172	0.105	3.19	0.00 - 0.50
6-00017	60023	Tl-208	0.389	0.0107	0.0212	0.937	0.00 - 0.50
6-00017	60023	Tm-171	3.45 U	7.1	2.48	72.4	0.00 - 0.50
6-00017	60023	U-233/234	0.381	0.0519	0.0536	2.02	0.00 - 0.50
6-00017	60023	U-235/236	0.0448	0.0173	0.0172	0.151	0.00 - 0.50
6-00017	60023	U-238	0.504	0.033	0.0632	1.8	0.00 - 0.50
6-00018	60025	Ac-227	-0.05 U	0.192	0.0585	0.217	1.00 - 5.00
6-00018	60025	Ac-228	1.16	0.105	0.0586	2.4	1.00 - 5.00
6-00018	60025	Am-241	-0.0051 U	0.0214	0.0037	0.0454	1.00 - 5.00
6-00018	60025	Bi-212	0.782 J	0.139	0.0937	2.15	1.00 - 5.00
6-00018	60025	Bi-214	0.806	0.0312	0.0414	1.59	1.00 - 5.00
6-00018	60025	Cd-113m	-16.7 U	127	39.2	3030	1.00 - 5.00
6-00018	60025	Cm-243/244	0.0025 U	0.0126	0.0031	0.0443	1.00 - 5.00
6-00018	60025	Co-60	0.0039 UJ	0.0202	0.0059	0.028	1.00 - 5.00
6-00018	60025	Cs-134	-0.0026 U	0.0163	0.0056	0.0864	1.00 - 5.00
6-00018	60025	Cs-137	0.0016 UJ	0.0181	0.0061	0.207	1.00 - 5.00
6-00018	60025	Eu-152	0.0121 U	0.0496	0.017	0.0566	1.00 - 5.00
6-00018	60025	Eu-154	-0.0132 U	0.107	0.0312	0.15	1.00 - 5.00
6-00018	60025	Eu-155	0.0724 JS	0.0729	0.0276	0.231	1.00 - 5.00
6-00018	60025	Ho-166m	-0.0036 U	0.0279	0.0083	0.0432	1.00 - 5.00
6-00018	60025	K-40	20.9	0.134	1.26	32.4	1.00 - 5.00
6-00018	60025	Na-22	0.008 U	0.0235	0.007	0.037	1.00 - 5.00
6-00018	60025	Nb-94	0.0059 U	0.0158	0.0048	0.0214	1.00 - 5.00
6-00018	60025	Np-236	0.0002 U	0.0374	0.0114	0.047	1.00 - 5.00
6-00018	60025	Np-239	-0.0269 U	0.128	0.0384	0.139	1.00 - 5.00
6-00018	60025	Pa-231	-0.102 U	0.798	0.239	0.936	1.00 - 5.00
6-00018	60025	Pb-212	1.37	0.0351	0.092	2.69	1.00 - 5.00
6-00018	60025	Pb-214	0.976	0.0352	0.0518	1.7	1.00 - 5.00
6-00018	60025	Pu-236	-0.0019 U	0.0165	0.0032	7.79	1.00 - 5.00
6-00018	60025	Pu-238	-0.0011 U	0.0194	0.0035	0.0415	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00018	60025	Pu-239/240	-0.0029 U	0.0222	0.0039	0.0404	1.00 - 5.00
6-00018	60025	Pu-244	0.0025	0.0067	0.0025	0.0313	1.00 - 5.00
6-00018	60025	Sb-125	0.0197 U	0.0481	0.015	0.354	1.00 - 5.00
6-00018	60025	Sn-126	0.004 U	0.0176	0.0052	0.0237	1.00 - 5.00
6-00018	60025	Sr-90	0.0129 U	0.169	0.0469	0.485	1.00 - 5.00
6-00018	60025	Th-228	0.921	0.111	0.102	3.98	1.00 - 5.00
6-00018	60025	Th-229	0.0069 U	0.0743	0.0183	0.145	1.00 - 5.00
6-00018	60025	Th-230	0.737	0.0827	0.0851	2.2	1.00 - 5.00
6-00018	60025	Th-232	0.803	0.0505	0.088	3.1	1.00 - 5.00
6-00018	60025	Th-234	1.41 J	0.31	0.163	3.19	1.00 - 5.00
6-00018	60025	Tl-208	0.443	0.0183	0.0262	0.937	1.00 - 5.00
6-00018	60025	Tm-171	-3.33 U	16	5.41	72.4	1.00 - 5.00
6-00018	60025	U-233/234	0.793	0.049	0.0883	2.02	1.00 - 5.00
6-00018	60025	U-235/236	0.067	0.0181	0.0217	0.151	1.00 - 5.00
6-00018	60025	U-238	0.713	0.0427	0.0817	1.8	1.00 - 5.00
6-00019	60026	Ac-227	-0.0281 U	0.172	0.0516	0.217	1.00 - 5.00
6-00019	60026	Ac-228	1.45	0.0936	0.0681	2.4	1.00 - 5.00
6-00019	60026	Am-241	0.0035 U	0.017	0.0044	0.0454	1.00 - 5.00
6-00019	60026	Bi-212	1.04	0.122	0.0802	2.15	1.00 - 5.00
6-00019	60026	Bi-214	1.1	0.028	0.0508	1.59	1.00 - 5.00
6-00019	60026	Cd-113m	51.4 U	116	37.3	3030	1.00 - 5.00
6-00019	60026	Cm-243/244	0.0092	0.0172	0.0056	0.0443	1.00 - 5.00
6-00019	60026	Co-60	0.0077 UJ	0.018	0.0055	0.028	1.00 - 5.00
6-00019	60026	Cs-134	0.0004 U	0.0142	0.0048	0.0864	1.00 - 5.00
6-00019	60026	Cs-137	0.005 UJ	0.0158	0.0054	0.207	1.00 - 5.00
6-00019	60026	Eu-152	-0.0203 U	0.0422	0.0148	0.0566	1.00 - 5.00
6-00019	60026	Eu-154	-0.0408 U	0.0941	0.0296	0.15	1.00 - 5.00
6-00019	60026	Eu-155	0.0629 JS	0.0597	0.023	0.231	1.00 - 5.00
6-00019	60026	Ho-166m	-0.0048 U	0.0252	0.0076	0.0432	1.00 - 5.00
6-00019	60026	K-40	22.5	0.131	1.35	32.4	1.00 - 5.00
6-00019	60026	Na-22	-0.0072 U	0.02	0.0063	0.037	1.00 - 5.00
6-00019	60026	Nb-94	0.0082 JS	0.015	0.0048	0.0214	1.00 - 5.00
6-00019	60026	Np-236	-0.0101 U	0.0324	0.0102	0.047	1.00 - 5.00
6-00019	60026	Np-239	-0.0218 U	0.114	0.0343	0.139	1.00 - 5.00
6-00019	60026	Pa-231	-0.358 U	0.7	0.229	0.936	1.00 - 5.00
6-00019	60026	Pb-212	1.68	0.0297	0.111	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00019	60026	Pb-214	1.25	0.03	0.0637	1.7	1.00 - 5.00
6-00019	60026	Pu-236	-0.0041 UJ	0.0225	0.0041	7.79	1.00 - 5.00
6-00019	60026	Pu-238	-0.0098 UJ	0.0296	0.0052	0.0415	1.00 - 5.00
6-00019	60026	Pu-239/240	-0.0059 UJ	0.0245	0.0043	0.0404	1.00 - 5.00
6-00019	60026	Pu-244	0.0054	0.0074	0.0039	0.0313	1.00 - 5.00
6-00019	60026	Sb-125	-0.0026 U	0.0404	0.0124	0.354	1.00 - 5.00
6-00019	60026	Sn-126	0.0018 U	0.0162	0.0048	0.0237	1.00 - 5.00
6-00019	60026	Sr-90	0.0274 U	0.168	0.0466	0.485	1.00 - 5.00
6-00019	60026	Th-228	1.44	0.0755	0.131	3.98	1.00 - 5.00
6-00019	60026	Th-229	0.0131 U	0.061	0.0161	0.145	1.00 - 5.00
6-00019	60026	Th-230	1.06	0.0483	0.103	2.2	1.00 - 5.00
6-00019	60026	Th-232	1.1	0.0177	0.106	3.1	1.00 - 5.00
6-00019	60026	Th-234	2.04	0.261	0.173	3.19	1.00 - 5.00
6-00019	60026	Tl-208	0.516	0.0156	0.0284	0.937	1.00 - 5.00
6-00019	60026	Tm-171	7.61 J	13.9	4.91	72.4	1.00 - 5.00
6-00019	60026	U-233/234	0.952	0.0494	0.0981	2.02	1.00 - 5.00
6-00019	60026	U-235/236	0.0808	0.0387	0.0239	0.151	1.00 - 5.00
6-00019	60026	U-238	0.954	0.0133	0.0977	1.8	1.00 - 5.00
6-00020	60027	Ac-227	-0.0819 U	0.121	0.0427	0.217	0.00 - 0.50
6-00020	60027	Ac-228	1.15	0.0758	0.0522	2.4	0.00 - 0.50
6-00020	60027	Am-241	0.0017 U	0.0205	0.0051	0.0454	0.00 - 0.50
6-00020	60027	Bi-212	0.884	0.0983	0.0692	2.15	0.00 - 0.50
6-00020	60027	Bi-214	0.908	0.0216	0.0456	1.59	0.00 - 0.50
6-00020	60027	Cd-113m	0.189 UJ	81.5	25.1	3030	0.00 - 0.50
6-00020	60027	Cm-243/244	-0.0035 U	0.0186	0.0035	0.0443	0.00 - 0.50
6-00020	60027	Co-60	0.0072	0.0144	0.0044	0.028	0.00 - 0.50
6-00020	60027	Cs-134	0.0006 U	0.0115	0.004	0.0864	0.00 - 0.50
6-00020	60027	Cs-137	0.181	0.014	0.0123	0.207	0.00 - 0.50
6-00020	60027	Eu-152	0.0008 U	0.0318	0.0105	0.0566	0.00 - 0.50
6-00020	60027	Eu-154	-0.0847 UJ	0.0729	0.0307	0.15	0.00 - 0.50
6-00020	60027	Eu-155	0.0732 JS	0.0362	0.0171	0.231	0.00 - 0.50
6-00020	60027	Ho-166m	0.0079 U	0.0203	0.0061	0.0432	0.00 - 0.50
6-00020	60027	K-40	22.9	0.089	1.22	32.4	0.00 - 0.50
6-00020	60027	Na-22	-0.0089 U	0.0171	0.0056	0.037	0.00 - 0.50
6-00020	60027	Nb-94	0.005 U	0.0118	0.0036	0.0214	0.00 - 0.50
6-00020	60027	Np-236	0.0278 JS	0.0203	0.0105	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00020	60027	Np-239	-0.003 U	0.0801	0.0245	0.139	0.00 - 0.50
6-00020	60027	Pa-231	-0.219 U	0.51	0.168	0.936	0.00 - 0.50
6-00020	60027	Pb-212	1.27	0.0215	0.0694	2.69	0.00 - 0.50
6-00020	60027	Pb-214	1.04	0.022	0.0467	1.7	0.00 - 0.50
6-00020	60027	Pu-236	0.0018 U	0.0131	0.0031	7.79	0.00 - 0.50
6-00020	60027	Pu-238	-0.0034 U	0.0221	0.0048	0.0415	0.00 - 0.50
6-00020	60027	Pu-239/240	0.0051	0.0046	0.0029	0.0404	0.00 - 0.50
6-00020	60027	Pu-244	0.0034 U	0.0124	0.0034	0.0313	0.00 - 0.50
6-00020	60027	Sb-125	0.0033 U	0.0318	0.0094	0.354	0.00 - 0.50
6-00020	60027	Sn-126	0.0076 J	0.0134	0.0042	0.0237	0.00 - 0.50
6-00020	60027	Sr-90	0.0614 U	0.182	0.0539	0.485	0.00 - 0.50
6-00020	60027	Th-228	1.22	0.12	0.128	3.98	0.00 - 0.50
6-00020	60027	Th-229	0.0471	0.103	0.0315	0.145	0.00 - 0.50
6-00020	60027	Th-230	0.9	0.0843	0.101	2.2	0.00 - 0.50
6-00020	60027	Th-232	1.21	0.0211	0.121	3.1	0.00 - 0.50
6-00020	60027	Th-234	1.25 J	0.149	0.0963	3.19	0.00 - 0.50
6-00020	60027	Tl-208	0.423	0.0126	0.0239	0.937	0.00 - 0.50
6-00020	60027	Tm-171	0.482 UJ	4.64	1.59	72.4	0.00 - 0.50
6-00020	60027	U-233/234	1.02	0.0487	0.11	2.02	0.00 - 0.50
6-00020	60027	U-235/236	0.0445	0.069	0.0238	0.151	0.00 - 0.50
6-00020	60027	U-238	0.978	0.0487	0.107	1.8	0.00 - 0.50
6-00024	60032	Ac-227	-0.0347 U	0.136	0.0418	0.217	1.00 - 5.00
6-00024	60032	Ac-228	1.13	0.0646	0.0527	2.4	1.00 - 5.00
6-00024	60032	Am-241	0.0006 U	0.0141	0.0027	0.0454	1.00 - 5.00
6-00024	60032	Bi-212	0.836	0.0944	0.0632	2.15	1.00 - 5.00
6-00024	60032	Bi-214	0.785	0.0207	0.0361	1.59	1.00 - 5.00
6-00024	60032	Cd-113m	-11.1 U	91.2	27.5	3030	1.00 - 5.00
6-00024	60032	Cm-243/244	0.0029 U	0.0142	0.0035	0.0443	1.00 - 5.00
6-00024	60032	Co-60	0.0051 UJ	0.0137	0.0042	0.028	1.00 - 5.00
6-00024	60032	Cs-134	-0.0024 U	0.0104	0.0037	0.0864	1.00 - 5.00
6-00024	60032	Cs-137	-0.0075 UJ	0.0121	0.0041	0.207	1.00 - 5.00
6-00024	60032	Eu-152	-0.019 U	0.0331	0.012	0.0566	1.00 - 5.00
6-00024	60032	Eu-154	-0.0693 UJ	0.0693	0.0269	0.15	1.00 - 5.00
6-00024	60032	Eu-155	0.0608 JS	0.0496	0.0188	0.231	1.00 - 5.00
6-00024	60032	Ho-166m	-0.0025 U	0.0189	0.0057	0.0432	1.00 - 5.00
6-00024	60032	K-40	20.8	0.092	1.27	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00024	60032	Na-22	-0.0056 U	0.0153	0.0049	0.037	1.00 - 5.00
6-00024	60032	Nb-94	-0.0025 U	0.0108	0.0033	0.0214	1.00 - 5.00
6-00024	60032	Np-236	0.0091 U	0.0269	0.0085	0.047	1.00 - 5.00
6-00024	60032	Np-239	0.0289 U	0.0928	0.0283	0.139	1.00 - 5.00
6-00024	60032	Pa-231	-0.0359 U	0.572	0.178	0.936	1.00 - 5.00
6-00024	60032	Pb-212	1.35	0.024	0.0862	2.69	1.00 - 5.00
6-00024	60032	Pb-214	0.896	0.0239	0.043	1.7	1.00 - 5.00
6-00024	60032	Pu-236	0.0013 U	0.018	0.004	7.79	1.00 - 5.00
6-00024	60032	Pu-238	-0.0063 U	0.0219	0.0038	0.0415	1.00 - 5.00
6-00024	60032	Pu-239/240	-0.0031 U	0.0172	0.0031	0.0404	1.00 - 5.00
6-00024	60032	Pu-244	0.0044	0.0059	0.0031	0.0313	1.00 - 5.00
6-00024	60032	Sb-125	0.0055 U	0.0314	0.0097	0.354	1.00 - 5.00
6-00024	60032	Sn-126	-0.0016 U	0.0121	0.0037	0.0237	1.00 - 5.00
6-00024	60032	Sr-90	0.0699 U	0.252	0.0739	0.485	1.00 - 5.00
6-00024	60032	Th-228	1.38	0.121	0.13	3.98	1.00 - 5.00
6-00024	60032	Th-229	0.0131 U	0.0785	0.0207	0.145	1.00 - 5.00
6-00024	60032	Th-230	0.912	0.048	0.0939	2.2	1.00 - 5.00
6-00024	60032	Th-232	1.18	0.0478	0.111	3.1	1.00 - 5.00
6-00024	60032	Th-234	1.49	0.21	0.143	3.19	1.00 - 5.00
6-00024	60032	Tl-208	0.403	0.012	0.0219	0.937	1.00 - 5.00
6-00024	60032	Tm-171	-2.3 U	11.6	3.98	72.4	1.00 - 5.00
6-00024	60032	U-233/234	1.11	0.0592	0.116	2.02	1.00 - 5.00
6-00024	60032	U-235/236	0.0438	0.0198	0.0182	0.151	1.00 - 5.00
6-00024	60032	U-238	1.02	0.0466	0.109	1.8	1.00 - 5.00
6-00025	60033	Ac-227	-0.012 U	0.133	0.04	0.217	1.00 - 5.00
6-00025	60033	Ac-228	1.23	0.0648	0.0554	2.4	1.00 - 5.00
6-00025	60033	Am-241	0.0003 U	0.0211	0.0047	0.0454	1.00 - 5.00
6-00025	60033	Bi-212	0.93	0.0883	0.0671	2.15	1.00 - 5.00
6-00025	60033	Bi-214	0.84	0.0199	0.038	1.59	1.00 - 5.00
6-00025	60033	Cd-113m	1.02 U	87.5	26.2	3030	1.00 - 5.00
6-00025	60033	Cm-243/244	0.0085	0.0057	0.0043	0.0443	1.00 - 5.00
6-00025	60033	Co-60	0.0072 J	0.0128	0.004	0.028	1.00 - 5.00
6-00025	60033	Cs-134	0.0007 U	0.0102	0.0035	0.0864	1.00 - 5.00
6-00025	60033	Cs-137	0.002 UJ	0.0115	0.004	0.207	1.00 - 5.00
6-00025	60033	Eu-152	-0.0366 UJ	0.0313	0.0134	0.0566	1.00 - 5.00
6-00025	60033	Eu-154	-0.0215 U	0.0652	0.0202	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00025	60033	Eu-155	0.0838 JS	0.0464	0.0203	0.231	1.00 - 5.00
6-00025	60033	Ho-166m	-0.0023 U	0.0181	0.0055	0.0432	1.00 - 5.00
6-00025	60033	K-40	20.7	0.0908	1.29	32.4	1.00 - 5.00
6-00025	60033	Na-22	-0.0174 UJ	0.0145	0.0062	0.037	1.00 - 5.00
6-00025	60033	Nb-94	-0.0023 U	0.0103	0.0032	0.0214	1.00 - 5.00
6-00025	60033	Np-236	0.0027 U	0.0256	0.0079	0.047	1.00 - 5.00
6-00025	60033	Np-239	0.0069 U	0.0887	0.0264	0.139	1.00 - 5.00
6-00025	60033	Pa-231	0.25 U	0.55	0.179	0.936	1.00 - 5.00
6-00025	60033	Pb-212	1.41	0.0226	0.0847	2.69	1.00 - 5.00
6-00025	60033	Pb-214	0.947	0.0224	0.0439	1.7	1.00 - 5.00
6-00025	60033	Pu-236	-0.0082 UJ	0.0284	0.005	7.79	1.00 - 5.00
6-00025	60033	Pu-238	-0.007 UJ	0.0295	0.0051	0.0415	1.00 - 5.00
6-00025	60033	Pu-239/240	0.003 UJ	0.0271	0.0067	0.0404	1.00 - 5.00
6-00025	60033	Pu-244	0	0.0073	0.0027	0.0313	1.00 - 5.00
6-00025	60033	Sb-125	0.0112 U	0.0306	0.0092	0.354	1.00 - 5.00
6-00025	60033	Sn-126	-0.0001 U	0.0115	0.0035	0.0237	1.00 - 5.00
6-00025	60033	Sr-90	-0.008 U	0.223	0.0581	0.485	1.00 - 5.00
6-00025	60033	Th-228	0.951	0.0695	0.102	3.98	1.00 - 5.00
6-00025	60033	Th-229	0.014 U	0.0843	0.0222	0.145	1.00 - 5.00
6-00025	60033	Th-230	0.784	0.019	0.0867	2.2	1.00 - 5.00
6-00025	60033	Th-232	0.893	0.0189	0.0941	3.1	1.00 - 5.00
6-00025	60033	Th-234	1.58	0.206	0.146	3.19	1.00 - 5.00
6-00025	60033	Tl-208	0.44	0.011	0.0237	0.937	1.00 - 5.00
6-00025	60033	Tm-171	-1.93 U	10.6	3.59	72.4	1.00 - 5.00
6-00025	60033	U-233/234	0.552	0.0553	0.0676	2.02	1.00 - 5.00
6-00025	60033	U-235/236	0.0519	0.04	0.0197	0.151	1.00 - 5.00
6-00025	60033	U-238	0.617	0.04	0.0722	1.8	1.00 - 5.00
6-00026	60034	Ac-227	-0.012 U	0.144	0.0432	0.217	0.00 - 0.50
6-00026	60034	Ac-228	1.29	0.0729	0.0596	2.4	0.00 - 0.50
6-00026	60034	Am-241	0.0162	0.0133	0.006	0.0454	0.00 - 0.50
6-00026	60034	Bi-212	0.822	0.106	0.0643	2.15	0.00 - 0.50
6-00026	60034	Bi-214	0.903	0.0228	0.0413	1.59	0.00 - 0.50
6-00026	60034	Cd-113m	-6.31 U	93.2	28.9	3030	0.00 - 0.50
6-00026	60034	Cm-243/244	-0.0018 U	0.0218	0.0048	0.0443	0.00 - 0.50
6-00026	60034	Co-60	-0.0062 U	0.0125	0.0042	0.028	0.00 - 0.50
6-00026	60034	Cs-134	-0.0024 U	0.0114	0.0039	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00026	60034	Cs-137	0.0026 U	0.0126	0.0042	0.207	0.00 - 0.50
6-00026	60034	Eu-152	-0.0167 U	0.0341	0.012	0.0566	0.00 - 0.50
6-00026	60034	Eu-154	0.0346 U	0.0723	0.0253	0.15	0.00 - 0.50
6-00026	60034	Eu-155	0.0478 JS	0.0492	0.0199	0.231	0.00 - 0.50
6-00026	60034	Ho-166m	-0.0019 U	0.0199	0.0059	0.0432	0.00 - 0.50
6-00026	60034	K-40	20.4	0.0944	1.16	32.4	0.00 - 0.50
6-00026	60034	Na-22	-0.0012 U	0.0154	0.0047	0.037	0.00 - 0.50
6-00026	60034	Nb-94	0.0091 JS	0.0118	0.004	0.0214	0.00 - 0.50
6-00026	60034	Np-236	-0.0136 U	0.0267	0.0088	0.047	0.00 - 0.50
6-00026	60034	Np-239	-0.0306 U	0.0935	0.029	0.139	0.00 - 0.50
6-00026	60034	Pa-231	-0.176 U	0.58	0.186	0.936	0.00 - 0.50
6-00026	60034	Pb-212	1.5	0.0248	0.0937	2.69	0.00 - 0.50
6-00026	60034	Pb-214	1.02	0.0244	0.0496	1.7	0.00 - 0.50
6-00026	60034	Pu-236	-0.0047 U	0.0187	0.0035	7.79	0.00 - 0.50
6-00026	60034	Pu-238	-0.0059 U	0.0177	0.0033	0.0415	0.00 - 0.50
6-00026	60034	Pu-239/240	0 U	0.0177	0.0042	0.0404	0.00 - 0.50
6-00026	60034	Pu-244	0.0044	0.004	0.0026	0.0313	0.00 - 0.50
6-00026	60034	Sb-125	0.0208 JS	0.0335	0.011	0.354	0.00 - 0.50
6-00026	60034	Sn-126	0.0031 U	0.0126	0.0037	0.0237	0.00 - 0.50
6-00026	60034	Sr-90	-0.025 U	0.109	0.0251	0.485	0.00 - 0.50
6-00026	60034	Th-228	1.18	0.106	0.12	3.98	0.00 - 0.50
6-00026	60034	Th-229	-0.028 U	0.132	0.0313	0.145	0.00 - 0.50
6-00026	60034	Th-230	0.873	0.0986	0.0964	2.2	0.00 - 0.50
6-00026	60034	Th-232	0.85	0.075	0.0931	3.1	0.00 - 0.50
6-00026	60034	Th-234	1.59	0.212	0.135	3.19	0.00 - 0.50
6-00026	60034	Tl-208	0.451	0.012	0.0249	0.937	0.00 - 0.50
6-00026	60034	Tm-171	-7.59 UJ	9.11	3.7	72.4	0.00 - 0.50
6-00026	60034	U-233/234	0.7	0.0652	0.0843	2.02	0.00 - 0.50
6-00026	60034	U-235/236	0.0517	0.02	0.0199	0.151	0.00 - 0.50
6-00026	60034	U-238	0.757	0.0472	0.0881	1.8	0.00 - 0.50
6-00026	60035	Ac-227	-0.0634 U	0.122	0.039	0.217	1.00 - 5.00
6-00026	60035	Ac-228	1.26	0.0619	0.0568	2.4	1.00 - 5.00
6-00026	60035	Am-241	-0.0022 U	0.0266	0.0059	0.0454	1.00 - 5.00
6-00026	60035	Bi-212	0.875	0.085	0.0647	2.15	1.00 - 5.00
6-00026	60035	Bi-214	0.873	0.0185	0.0388	1.59	1.00 - 5.00
6-00026	60035	Cd-113m	-2.46 U	80.8	23.6	3030	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00026	60035	Cm-243/244	-0.0019 U	0.0217	0.0044	0.0443	1.00 - 5.00
6-00026	60035	Co-60	-0.0013 U	0.0114	0.0035	0.028	1.00 - 5.00
6-00026	60035	Cs-134	-0.0022 U	0.0095	0.0034	0.0864	1.00 - 5.00
6-00026	60035	Cs-137	0.0004 U	0.0109	0.0038	0.207	1.00 - 5.00
6-00026	60035	Eu-152	-0.0269 UJ	0.0293	0.0109	0.0566	1.00 - 5.00
6-00026	60035	Eu-154	0.0154 U	0.0619	0.021	0.15	1.00 - 5.00
6-00026	60035	Eu-155	0.078 SJ	0.0436	0.0187	0.231	1.00 - 5.00
6-00026	60035	Ho-166m	-0.0141 UJ	0.0162	0.0062	0.0432	1.00 - 5.00
6-00026	60035	K-40	20.4	0.0792	1.14	32.4	1.00 - 5.00
6-00026	60035	Na-22	0.0009 U	0.0135	0.004	0.037	1.00 - 5.00
6-00026	60035	Nb-94	0.0054 SJ	0.0097	0.0032	0.0214	1.00 - 5.00
6-00026	60035	Np-236	-0.0194 UJ	0.0227	0.0084	0.047	1.00 - 5.00
6-00026	60035	Np-239	0.0191 U	0.0833	0.0263	0.139	1.00 - 5.00
6-00026	60035	Pa-231	-0.0006 U	0.507	0.153	0.936	1.00 - 5.00
6-00026	60035	Pb-212	1.44	0.0213	0.0836	2.69	1.00 - 5.00
6-00026	60035	Pb-214	0.982	0.0214	0.0446	1.7	1.00 - 5.00
6-00026	60035	Pu-236	0.0031 U	0.0152	0.0038	7.79	1.00 - 5.00
6-00026	60035	Pu-238	-0.0026 U	0.0205	0.0036	0.0415	1.00 - 5.00
6-00026	60035	Pu-239/240	-0.0026 U	0.0205	0.0036	0.0404	1.00 - 5.00
6-00026	60035	Pu-244	-0.0033 U	0.0179	0.0032	0.0313	1.00 - 5.00
6-00026	60035	Sb-125	0.0156 SJ	0.0287	0.0091	0.354	1.00 - 5.00
6-00026	60035	Sn-126	0.0074 J	0.011	0.0037	0.0237	1.00 - 5.00
6-00026	60035	Sr-90	0.135	0.205	0.0663	0.485	1.00 - 5.00
6-00026	60035	Th-228	1.11	0.0966	0.111	3.98	1.00 - 5.00
6-00026	60035	Th-229	0.032	0.0689	0.0213	0.145	1.00 - 5.00
6-00026	60035	Th-230	0.702	0.0593	0.0793	2.2	1.00 - 5.00
6-00026	60035	Th-232	0.986	0.0172	0.0976	3.1	1.00 - 5.00
6-00026	60035	Th-234	1.55	0.182	0.135	3.19	1.00 - 5.00
6-00026	60035	Tl-208	0.438	0.0108	0.023	0.937	1.00 - 5.00
6-00026	60035	Tm-171	2.68 U	8.21	2.79	72.4	1.00 - 5.00
6-00026	60035	U-233/234	0.841	0.0472	0.0908	2.02	1.00 - 5.00
6-00026	60035	U-235/236	0.034	0.0411	0.0166	0.151	1.00 - 5.00
6-00026	60035	U-238	0.883	0.0332	0.0937	1.8	1.00 - 5.00
6-00027	60036	Ac-227	-0.0498 U	0.154	0.0479	0.217	1.00 - 5.00
6-00027	60036	Ac-228	1.25	0.0842	0.0587	2.4	1.00 - 5.00
6-00027	60036	Am-241	0.0064 U	0.029	0.0078	0.0454	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00027	60036	Bi-212	0.916	0.109	0.069	2.15	1.00 - 5.00
6-00027	60036	Bi-214	0.857	0.0241	0.0404	1.59	1.00 - 5.00
6-00027	60036	Cd-113m	-40.3 U	103	32.5	3030	1.00 - 5.00
6-00027	60036	Cm-243/244	-0.0082 U	0.0333	0.0064	0.0443	1.00 - 5.00
6-00027	60036	Co-60	-0.0027 U	0.0149	0.0044	0.028	1.00 - 5.00
6-00027	60036	Cs-134	-0.0029 U	0.0121	0.0043	0.0864	1.00 - 5.00
6-00027	60036	Cs-137	0.0059 U	0.014	0.0049	0.207	1.00 - 5.00
6-00027	60036	Eu-152	-0.0064 U	0.0384	0.0145	0.0566	1.00 - 5.00
6-00027	60036	Eu-154	-0.0352 U	0.0815	0.026	0.15	1.00 - 5.00
6-00027	60036	Eu-155	0.0968 SJ	0.0542	0.0258	0.231	1.00 - 5.00
6-00027	60036	Ho-166m	-0.0048 U	0.0222	0.0068	0.0432	1.00 - 5.00
6-00027	60036	K-40	19.9	0.106	1.25	32.4	1.00 - 5.00
6-00027	60036	Na-22	-0.0021 U	0.0182	0.0055	0.037	1.00 - 5.00
6-00027	60036	Nb-94	-0.0006 U	0.0128	0.0039	0.0214	1.00 - 5.00
6-00027	60036	Np-236	-0.0065 U	0.0291	0.0091	0.047	1.00 - 5.00
6-00027	60036	Np-239	0.0157 U	0.105	0.0311	0.139	1.00 - 5.00
6-00027	60036	Pa-231	0.0711 U	0.639	0.198	0.936	1.00 - 5.00
6-00027	60036	Pb-212	1.46	0.0272	0.0884	2.69	1.00 - 5.00
6-00027	60036	Pb-214	1.01	0.027	0.0477	1.7	1.00 - 5.00
6-00027	60036	Pu-236	-0.0074 UJ	0.0256	0.0045	7.79	1.00 - 5.00
6-00027	60036	Pu-238	0.0056	0.0155	0.0046	0.0415	1.00 - 5.00
6-00027	60036	Pu-239/240	-0.0011 UJ	0.0192	0.0035	0.0404	1.00 - 5.00
6-00027	60036	Pu-244	0.0024	0.0066	0.0024	0.0313	1.00 - 5.00
6-00027	60036	Sb-125	0.0288 SJ	0.0371	0.0125	0.354	1.00 - 5.00
6-00027	60036	Sn-126	-0.0068 U	0.0137	0.0045	0.0237	1.00 - 5.00
6-00027	60036	Sr-90	-0.0812 U	0.318	0.0799	0.485	1.00 - 5.00
6-00027	60036	Th-228	1.15	0.0927	0.119	3.98	1.00 - 5.00
6-00027	60036	Th-229	-0.0144 U	0.0866	0.0177	0.145	1.00 - 5.00
6-00027	60036	Th-230	0.755	0.0668	0.0878	2.2	1.00 - 5.00
6-00027	60036	Th-232	1.14	0.0528	0.114	3.1	1.00 - 5.00
6-00027	60036	Th-234	1.66	0.238	0.163	3.19	1.00 - 5.00
6-00027	60036	Tl-208	0.431	0.0138	0.0239	0.937	1.00 - 5.00
6-00027	60036	Tm-171	-10.4 UJ	12.3	4.89	72.4	1.00 - 5.00
6-00027	60036	U-233/234	0.597	0.0494	0.0703	2.02	1.00 - 5.00
6-00027	60036	U-235/236	0.0487	0.0165	0.0176	0.151	1.00 - 5.00
6-00027	60036	U-238	0.768	0.0133	0.083	1.8	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00028	60037	Ac-227	-0.0132 U	0.147	0.0454	0.217	0.00 - 0.50
6-00028	60037	Ac-228	1.18	0.0685	0.056	2.4	0.00 - 0.50
6-00028	60037	Am-241	0.012	0.0082	0.0061	0.0454	0.00 - 0.50
6-00028	60037	Bi-212	0.833	0.0936	0.0664	2.15	0.00 - 0.50
6-00028	60037	Bi-214	0.926	0.0219	0.0409	1.59	0.00 - 0.50
6-00028	60037	Cd-113m	-57.8 U	97.2	33.3	3030	0.00 - 0.50
6-00028	60037	Cm-243/244	-0.0031 U	0.0256	0.0043	0.0443	0.00 - 0.50
6-00028	60037	Co-60	-0.0057 U	0.0126	0.0041	0.028	0.00 - 0.50
6-00028	60037	Cs-134	0.0105 SJ	0.0111	0.0044	0.0864	0.00 - 0.50
6-00028	60037	Cs-137	0.197	0.0121	0.0125	0.207	0.00 - 0.50
6-00028	60037	Eu-152	-0.0245 UJ	0.0352	0.0141	0.0566	0.00 - 0.50
6-00028	60037	Eu-154	0.0174 U	0.0696	0.0238	0.15	0.00 - 0.50
6-00028	60037	Eu-155	0.0835 SJ	0.0531	0.0185	0.231	0.00 - 0.50
6-00028	60037	Ho-166m	-0.0071 U	0.0183	0.0059	0.0432	0.00 - 0.50
6-00028	60037	K-40	25.9	0.103	1.56	32.4	0.00 - 0.50
6-00028	60037	Na-22	0.0039 U	0.015	0.005	0.037	0.00 - 0.50
6-00028	60037	Nb-94	0.0044 U	0.0109	0.0034	0.0214	0.00 - 0.50
6-00028	60037	Np-236	-0.0026 U	0.0284	0.0088	0.047	0.00 - 0.50
6-00028	60037	Np-239	0.0201 U	0.0992	0.0307	0.139	0.00 - 0.50
6-00028	60037	Pa-231	0.0289 U	0.608	0.195	0.936	0.00 - 0.50
6-00028	60037	Pb-212	1.38	0.0261	0.0835	2.69	0.00 - 0.50
6-00028	60037	Pb-214	1.05	0.0251	0.0487	1.7	0.00 - 0.50
6-00028	60037	Pu-236	0.0003 U	0.0126	0.0024	7.79	0.00 - 0.50
6-00028	60037	Pu-238	0	0.0048	0.0018	0.0415	0.00 - 0.50
6-00028	60037	Pu-239/240	0.0165	0.0149	0.0063	0.0404	0.00 - 0.50
6-00028	60037	Pu-244	0.0088	0.0048	0.004	0.0313	0.00 - 0.50
6-00028	60037	Sb-125	-0.0023 U	0.0332	0.0099	0.354	0.00 - 0.50
6-00028	60037	Sn-126	-0.0022 U	0.0117	0.0036	0.0237	0.00 - 0.50
6-00028	60037	Sr-90	-0.0795 U	0.221	0.0561	0.485	0.00 - 0.50
6-00028	60037	Th-228	1.39	0.0665	0.128	3.98	0.00 - 0.50
6-00028	60037	Th-229	-0.0199 U	0.0937	0.0199	0.145	0.00 - 0.50
6-00028	60037	Th-230	0.988	0.0488	0.0992	2.2	0.00 - 0.50
6-00028	60037	Th-232	1.05	0.0487	0.103	3.1	0.00 - 0.50
6-00028	60037	Th-234	1.42	0.229	0.134	3.19	0.00 - 0.50
6-00028	60037	Tl-208	0.423	0.0125	0.0226	0.937	0.00 - 0.50
6-00028	60037	Tm-171	-4.58 U	11.2	3.96	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00028	60037	U-233/234	0.966	0.0768	0.104	2.02	0.00 - 0.50
6-00028	60037	U-235/236	0.0782	0.0442	0.0252	0.151	0.00 - 0.50
6-00028	60037	U-238	0.955	0.0357	0.102	1.8	0.00 - 0.50
6-00029	60039	Ac-227	-0.142 UJ	0.146	0.056	0.217	0.00 - 0.50
6-00029	60039	Ac-228	1.17	0.0774	0.0551	2.4	0.00 - 0.50
6-00029	60039	Am-241	0.0082 U	0.0215	0.0064	0.0454	0.00 - 0.50
6-00029	60039	Bi-212	0.843	0.11	0.0691	2.15	0.00 - 0.50
6-00029	60039	Bi-214	0.92	0.0233	0.0426	1.59	0.00 - 0.50
6-00029	60039	Cd-113m	-64.9 U	97.9	33.5	3030	0.00 - 0.50
6-00029	60039	Cm-243/244	-0.0033 U	0.0234	0.0052	0.0443	0.00 - 0.50
6-00029	60039	Co-60	0.0039 U	0.0151	0.0045	0.028	0.00 - 0.50
6-00029	60039	Cs-134	0.0043 U	0.0125	0.0043	0.0864	0.00 - 0.50
6-00029	60039	Cs-137	0.225	0.0132	0.0139	0.207	0.00 - 0.50
6-00029	60039	Eu-152	-0.0336 UJ	0.0366	0.0142	0.0566	0.00 - 0.50
6-00029	60039	Eu-154	-0.0178 U	0.0815	0.0282	0.15	0.00 - 0.50
6-00029	60039	Eu-155	0.0567 JS	0.0521	0.0177	0.231	0.00 - 0.50
6-00029	60039	Ho-166m	-0.0079 U	0.0206	0.0065	0.0432	0.00 - 0.50
6-00029	60039	K-40	22.3	0.118	1.33	32.4	0.00 - 0.50
6-00029	60039	Na-22	-0.003 U	0.0175	0.0053	0.037	0.00 - 0.50
6-00029	60039	Nb-94	0.0049 U	0.0121	0.0037	0.0214	0.00 - 0.50
6-00029	60039	Np-236	-0.0034 U	0.0281	0.0086	0.047	0.00 - 0.50
6-00029	60039	Np-239	-0.0098 U	0.0977	0.029	0.139	0.00 - 0.50
6-00029	60039	Pa-231	-0.179 U	0.619	0.191	0.936	0.00 - 0.50
6-00029	60039	Pb-212	1.41	0.0263	0.0936	2.69	0.00 - 0.50
6-00029	60039	Pb-214	1.03	0.0268	0.0527	1.7	0.00 - 0.50
6-00029	60039	Pu-236	0.0086 U	0.0308	0.0086	7.79	0.00 - 0.50
6-00029	60039	Pu-238	0.0027 U	0.0448	0.0117	0.0415	0.00 - 0.50
6-00029	60039	Pu-239/240	0.0215	0.0249	0.0094	0.0404	0.00 - 0.50
6-00029	60039	Pu-244	0 U	0.0198	0.0038	0.0313	0.00 - 0.50
6-00029	60039	Sb-125	0.0108 U	0.0365	0.0113	0.354	0.00 - 0.50
6-00029	60039	Sn-126	-0.003 U	0.0136	0.0042	0.0237	0.00 - 0.50
6-00029	60039	Sr-90	0.0493 U	0.117	0.0353	0.485	0.00 - 0.50
6-00029	60039	Th-228	1.15	0.104	0.117	3.98	0.00 - 0.50
6-00029	60039	Th-229	0.0137 U	0.0636	0.0168	0.145	0.00 - 0.50
6-00029	60039	Th-230	0.785	0.0634	0.0873	2.2	0.00 - 0.50
6-00029	60039	Th-232	1.25	0.0501	0.118	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00029	60039	Th-234	1.4 J	0.22	0.142	3.19	0.00 - 0.50
6-00029	60039	Tl-208	0.437	0.0133	0.0246	0.937	0.00 - 0.50
6-00029	60039	Tm-171	-11.3 UJ	11.9	4.86	72.4	0.00 - 0.50
6-00029	60039	U-233/234	0.767	0.0628	0.0885	2.02	0.00 - 0.50
6-00029	60039	U-235/236	0.0519	0.0454	0.0212	0.151	0.00 - 0.50
6-00029	60039	U-238	0.876	0.0522	0.0967	1.8	0.00 - 0.50
6-00030	60041	Ac-227	-0.0275 U	0.197	0.0578	0.217	0.00 - 0.50
6-00030	60041	Ac-228	1.44	0.0963	0.0675	2.4	0.00 - 0.50
6-00030	60041	Am-241	0.004 U	0.0195	0.0051	0.0454	0.00 - 0.50
6-00030	60041	Bi-212	1.12	0.134	0.0975	2.15	0.00 - 0.50
6-00030	60041	Bi-214	1.17	0.0288	0.0537	1.59	0.00 - 0.50
6-00030	60041	C-14	-0.0484 U	0.677	0.201	2.96	0.00 - 0.50
6-00030	60041	Cd-113m	27.6 U	132	41.5	3030	0.00 - 0.50
6-00030	60041	Cm-243/244	0.0006 U	0.0139	0.0027	0.0443	0.00 - 0.50
6-00030	60041	Co-60	-0.0043 U	0.0171	0.0053	0.028	0.00 - 0.50
6-00030	60041	Cs-134	0.0039 U	0.0156	0.0054	0.0864	0.00 - 0.50
6-00030	60041	Cs-137	0.229	0.017	0.0148	0.207	0.00 - 0.50
6-00030	60041	Eu-152	-0.0232 U	0.0466	0.0155	0.0566	0.00 - 0.50
6-00030	60041	Eu-154	0.0205 U	0.0954	0.0319	0.15	0.00 - 0.50
6-00030	60041	Eu-155	0.099 JS	0.0685	0.0296	0.231	0.00 - 0.50
6-00030	60041	H-3	2.75 U	9.21	2.7	11.9	0.00 - 0.50
6-00030	60041	Ho-166m	0.0012 U	0.0267	0.0081	0.0432	0.00 - 0.50
6-00030	60041	K-40	22.5	0.118	1.26	32.4	0.00 - 0.50
6-00030	60041	Na-22	-0.014 U	0.0207	0.0073	0.037	0.00 - 0.50
6-00030	60041	Nb-94	0.0005 U	0.0154	0.0047	0.0214	0.00 - 0.50
6-00030	60041	Ni-59	0.709 U	5.62	1.42	5.96	0.00 - 0.50
6-00030	60041	Ni-63	0.0082 U	0.063	0.0189	4.92	0.00 - 0.50
6-00030	60041	Np-236	-0.0058 U	0.0366	0.0112	0.047	0.00 - 0.50
6-00030	60041	Np-239	-0.0268 U	0.131	0.0416	0.139	0.00 - 0.50
6-00030	60041	Pa-231	-0.177 U	0.791	0.244	0.936	0.00 - 0.50
6-00030	60041	Pb-212	1.73	0.0349	0.102	2.69	0.00 - 0.50
6-00030	60041	Pb-214	1.32	0.0329	0.0616	1.7	0.00 - 0.50
6-00030	60041	Pu-236	0.0097 U	0.0309	0.0088	7.79	0.00 - 0.50
6-00030	60041	Pu-238	0.0053 U	0.0371	0.0096	0.0415	0.00 - 0.50
6-00030	60041	Pu-239/240	0.0158	0.0086	0.0071	0.0404	0.00 - 0.50
6-00030	60041	Pu-244	0	0.0086	0.0032	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00030	60041	Sb-125	0.0056 U	0.0464	0.0137	0.354	0.00 - 0.50
6-00030	60041	Sn-126	-0.0006 U	0.0173	0.0053	0.0237	0.00 - 0.50
6-00030	60041	Sr-90	0.0894 U	0.294	0.0856	0.485	0.00 - 0.50
6-00030	60041	Tc-99	0.154 U	1.36	0.408	1.63	0.00 - 0.50
6-00030	60041	Th-228	1.41	0.133	0.141	3.98	0.00 - 0.50
6-00030	60041	Th-229	0.0223 U	0.08	0.0223	0.145	0.00 - 0.50
6-00030	60041	Th-230	0.964	0.0799	0.104	2.2	0.00 - 0.50
6-00030	60041	Th-232	1.31	0.0544	0.126	3.1	0.00 - 0.50
6-00030	60041	Th-234	1.69	0.29	0.163	3.19	0.00 - 0.50
6-00030	60041	Tl-208	0.524	0.0175	0.0289	0.937	0.00 - 0.50
6-00030	60041	Tm-171	1.97 U	13.4	4.45	72.4	0.00 - 0.50
6-00030	60041	U-233/234	1.14	0.0491	0.112	2.02	0.00 - 0.50
6-00030	60041	U-235/236	0.044	0.0385	0.0179	0.151	0.00 - 0.50
6-00030	60041	U-238	1.12	0.0386	0.11	1.8	0.00 - 0.50
6-00030	60042	Ac-227	-0.0199 U	0.17	0.0528	0.217	1.00 - 5.00
6-00030	60042	Ac-228	0.967	0.107	0.0493	2.4	1.00 - 5.00
6-00030	60042	Am-241	0.0048 U	0.0234	0.0061	0.0454	1.00 - 5.00
6-00030	60042	Bi-212	0.633 J	0.207	0.174	2.15	1.00 - 5.00
6-00030	60042	Bi-214	0.679	0.0336	0.0365	1.59	1.00 - 5.00
6-00030	60042	C-14	0.0382 U	0.992	0.293	2.96	1.00 - 5.00
6-00030	60042	Cd-113m	0.655 U	112	34.4	3030	1.00 - 5.00
6-00030	60042	Cm-243/244	0.0015 U	0.0205	0.0045	0.0443	1.00 - 5.00
6-00030	60042	Co-60	0.0136 J	0.0206	0.0064	0.028	1.00 - 5.00
6-00030	60042	Cs-134	-0.0053 U	0.0154	0.0056	0.0864	1.00 - 5.00
6-00030	60042	Cs-137	0.554	0.0193	0.0326	0.207	1.00 - 5.00
6-00030	60042	Eu-152	-0.0074 U	0.0445	0.0136	0.0566	1.00 - 5.00
6-00030	60042	Eu-154	-0.0269 U	0.109	0.0335	0.15	1.00 - 5.00
6-00030	60042	Eu-155	0.0675 J	0.0493	0.022	0.231	1.00 - 5.00
6-00030	60042	H-3	2.37 U	7.14	2.1	11.9	1.00 - 5.00
6-00030	60042	Ho-166m	0.005 U	0.0273	0.0078	0.0432	1.00 - 5.00
6-00030	60042	K-40	19.2	0.138	1.07	32.4	1.00 - 5.00
6-00030	60042	Na-22	0.0059 U	0.0242	0.007	0.037	1.00 - 5.00
6-00030	60042	Nb-94	-0.0008 U	0.0156	0.0045	0.0214	1.00 - 5.00
6-00030	60042	Ni-59	1.12 UJ	3.5	0.916	5.96	1.00 - 5.00
6-00030	60042	Ni-63	0.359 U	1.18	0.356	4.92	1.00 - 5.00
6-00030	60042	Np-236	-0.0006 U	0.0272	0.008	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00030	60042	Np-239	-0.0316 U	0.112	0.0354	0.139	1.00 - 5.00
6-00030	60042	Pa-231	0.35 U	0.734	0.238	0.936	1.00 - 5.00
6-00030	60042	Pb-212	1.06	0.0289	0.061	2.69	1.00 - 5.00
6-00030	60042	Pb-214	0.726	0.0323	0.0367	1.7	1.00 - 5.00
6-00030	60042	Pu-236	-0.0058 U	0.035	0.0073	7.79	1.00 - 5.00
6-00030	60042	Pu-238	-0.0013 U	0.0371	0.0089	0.0415	1.00 - 5.00
6-00030	60042	Pu-239/240	0.0008 U	0.0173	0.0033	0.0404	1.00 - 5.00
6-00030	60042	Pu-244	0	0.0073	0.0027	0.0313	1.00 - 5.00
6-00030	60042	Sb-125	0.0006 U	0.0458	0.0135	0.354	1.00 - 5.00
6-00030	60042	Sn-126	0.0008 UJ	0.0178	0.0051	0.0237	1.00 - 5.00
6-00030	60042	Sr-90	-0.105 U	0.234	0.0547	0.485	1.00 - 5.00
6-00030	60042	Tc-99	0.0433 U	0.928	0.266	1.63	1.00 - 5.00
6-00030	60042	Th-228	0.98	0.0873	0.104	3.98	1.00 - 5.00
6-00030	60042	Th-229	-0.0137 U	0.103	0.0237	0.145	1.00 - 5.00
6-00030	60042	Th-230	0.771	0.0634	0.0865	2.2	1.00 - 5.00
6-00030	60042	Th-232	0.966	0.0632	0.0997	3.1	1.00 - 5.00
6-00030	60042	Th-234	1.17	0.199	0.109	3.19	1.00 - 5.00
6-00030	60042	Tl-208	0.343	0.0174	0.0216	0.937	1.00 - 5.00
6-00030	60042	Tm-171	-2.68 U	6.06	2.06	72.4	1.00 - 5.00
6-00030	60042	U-233/234	0.845	0.0367	0.0938	2.02	1.00 - 5.00
6-00030	60042	U-235/236	0.0711	0.0193	0.0231	0.151	1.00 - 5.00
6-00030	60042	U-238	0.909	0.0156	0.0987	1.8	1.00 - 5.00
6-00031	60043	Ac-227	-0.0073 U	0.133	0.0396	0.217	1.00 - 5.00
6-00031	60043	Ac-228	1.07	0.072	0.0503	2.4	1.00 - 5.00
6-00031	60043	Am-241	0.0061	0.0055	0.0036	0.0454	1.00 - 5.00
6-00031	60043	Bi-212	0.792	0.0919	0.0658	2.15	1.00 - 5.00
6-00031	60043	Bi-214	0.745	0.0208	0.0348	1.59	1.00 - 5.00
6-00031	60043	C-14	-0.0122 U	0.927	0.277	2.96	1.00 - 5.00
6-00031	60043	Cd-113m	-43 U	85.8	29.7	3030	1.00 - 5.00
6-00031	60043	Cm-243/244	0.0062	0.0056	0.0036	0.0443	1.00 - 5.00
6-00031	60043	Co-60	0.0144 J	0.014	0.0052	0.028	1.00 - 5.00
6-00031	60043	Cs-134	0.0021 U	0.0108	0.0037	0.0864	1.00 - 5.00
6-00031	60043	Cs-137	0.0306	0.0128	0.0048	0.207	1.00 - 5.00
6-00031	60043	Eu-152	-0.0106 U	0.032	0.0108	0.0566	1.00 - 5.00
6-00031	60043	Eu-154	-0.0222 U	0.0723	0.0221	0.15	1.00 - 5.00
6-00031	60043	Eu-155	0.0651 JS	0.0466	0.0202	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00031	60043	H-3	1.1 U	7.34	2.08	11.9	1.00 - 5.00
6-00031	60043	Ho-166m	-0.0148 UJ	0.0181	0.0066	0.0432	1.00 - 5.00
6-00031	60043	K-40	21.9	0.0867	1.31	32.4	1.00 - 5.00
6-00031	60043	Na-22	0.0052 U	0.016	0.0048	0.037	1.00 - 5.00
6-00031	60043	Nb-94	0.0026 U	0.0108	0.0033	0.0214	1.00 - 5.00
6-00031	60043	Ni-59	-3.77 U	10.6	3.15	5.96	1.00 - 5.00
6-00031	60043	Ni-63	-0.218 U	1.3	0.381	4.92	1.00 - 5.00
6-00031	60043	Np-236	0.0056 UJ	0.0253	0.0078	0.047	1.00 - 5.00
6-00031	60043	Np-239	0.008 U	0.0884	0.0261	0.139	1.00 - 5.00
6-00031	60043	Pa-231	0.0788 UJ	0.544	0.185	0.936	1.00 - 5.00
6-00031	60043	Pb-212	1.17	0.0228	0.0776	2.69	1.00 - 5.00
6-00031	60043	Pb-214	0.83	0.0232	0.0427	1.7	1.00 - 5.00
6-00031	60043	Pu-236	0.0074 U	0.0401	0.0108	7.79	1.00 - 5.00
6-00031	60043	Pu-238	-0.0013 U	0.0382	0.0091	0.0415	1.00 - 5.00
6-00031	60043	Pu-239/240	-0.0065 U	0.0325	0.0063	0.0404	1.00 - 5.00
6-00031	60043	Pu-244	0.0028	0.0076	0.0028	0.0313	1.00 - 5.00
6-00031	60043	Sb-125	-0.0066 U	0.0313	0.0097	0.354	1.00 - 5.00
6-00031	60043	Sn-126	-0.0014 U	0.012	0.0036	0.0237	1.00 - 5.00
6-00031	60043	Sr-90	-0.0985 U	0.234	0.0542	0.485	1.00 - 5.00
6-00031	60043	Tc-99	-0.601 U	1.14	0.332	1.63	1.00 - 5.00
6-00031	60043	Th-228	1.1	0.0825	0.107	3.98	1.00 - 5.00
6-00031	60043	Th-229	0.0235 U	0.0827	0.0235	0.145	1.00 - 5.00
6-00031	60043	Th-230	0.749	0.0767	0.0813	2.2	1.00 - 5.00
6-00031	60043	Th-232	0.968	0.0429	0.0942	3.1	1.00 - 5.00
6-00031	60043	Th-234	1.31	0.207	0.12	3.19	1.00 - 5.00
6-00031	60043	Tl-208	0.386	0.0118	0.0215	0.937	1.00 - 5.00
6-00031	60043	Tm-171	-0.26 U	10.4	3.46	72.4	1.00 - 5.00
6-00031	60043	U-233/234	0.679	0.0491	0.0793	2.02	1.00 - 5.00
6-00031	60043	U-235/236	0.0603	0.0182	0.0206	0.151	1.00 - 5.00
6-00031	60043	U-238	0.786	0.0672	0.0886	1.8	1.00 - 5.00
6-00032	60044	Ac-227	-0.0733 U	0.165	0.062	0.217	2.50 - 7.50
6-00032	60044	Ac-228	1.38	0.0815	0.0642	2.4	2.50 - 7.50
6-00032	60044	Am-241	0.0009 U	0.0131	0.0029	0.0454	2.50 - 7.50
6-00032	60044	Bi-212	1.01	0.111	0.0698	2.15	2.50 - 7.50
6-00032	60044	Bi-214	1.12	0.0241	0.0495	1.59	2.50 - 7.50
6-00032	60044	C-14	0.0613 U	0.639	0.191	2.96	2.50 - 7.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00032	60044	Cd-113m	78.3 J	111	49.8	3030	2.50 - 7.50
6-00032	60044	Cm-243/244	-0.0005 U	0.0195	0.0045	0.0443	2.50 - 7.50
6-00032	60044	Co-60	-0.0006 U	0.0148	0.0044	0.028	2.50 - 7.50
6-00032	60044	Cs-134	-0.0017 U	0.0121	0.0042	0.0864	2.50 - 7.50
6-00032	60044	Cs-137	0.0006 U	0.014	0.0048	0.207	2.50 - 7.50
6-00032	60044	Eu-152	0.0098 U	0.0402	0.0158	0.0566	2.50 - 7.50
6-00032	60044	Eu-154	0.0442 J	0.0817	0.0298	0.15	2.50 - 7.50
6-00032	60044	Eu-155	0.0784 JS	0.0617	0.0219	0.231	2.50 - 7.50
6-00032	60044	H-3	1.07 U	7.14	2.02	11.9	2.50 - 7.50
6-00032	60044	Ho-166m	-0.0032 U	0.022	0.0066	0.0432	2.50 - 7.50
6-00032	60044	K-40	22.8	0.105	1.41	32.4	2.50 - 7.50
6-00032	60044	Na-22	-0.0087 U	0.0176	0.0066	0.037	2.50 - 7.50
6-00032	60044	Nb-94	-0.0015 U	0.0128	0.0038	0.0214	2.50 - 7.50
6-00032	60044	Ni-59	0.605 U	5.66	1.51	5.96	2.50 - 7.50
6-00032	60044	Ni-63	-0.0342 U	1.55	0.457	4.92	2.50 - 7.50
6-00032	60044	Np-236	-0.0003 UJ	0.0331	0.0102	0.047	2.50 - 7.50
6-00032	60044	Np-239	-0.0506 U	0.11	0.0362	0.139	2.50 - 7.50
6-00032	60044	Pa-231	-0.449 UJ	0.678	0.24	0.936	2.50 - 7.50
6-00032	60044	Pb-212	1.65	0.0286	0.108	2.69	2.50 - 7.50
6-00032	60044	Pb-214	1.25	0.0279	0.0611	1.7	2.50 - 7.50
6-00032	60044	Pu-236	-0.0054 UJ	0.0349	0.0078	7.79	2.50 - 7.50
6-00032	60044	Pu-238	-0.003 UJ	0.0481	0.0124	0.0415	2.50 - 7.50
6-00032	60044	Pu-239/240	0.0043 UJ	0.021	0.0055	0.0404	2.50 - 7.50
6-00032	60044	Pu-244	0.003 UJ	0.0148	0.0037	0.0313	2.50 - 7.50
6-00032	60044	Sb-125	0.0216 JS	0.0377	0.0122	0.354	2.50 - 7.50
6-00032	60044	Sn-126	-0.0022 U	0.0141	0.0042	0.0237	2.50 - 7.50
6-00032	60044	Sr-90	0.0144 U	0.243	0.0662	0.485	2.50 - 7.50
6-00032	60044	Tc-99	-0.406 U	1.57	0.464	1.63	2.50 - 7.50
6-00032	60044	Th-228	1.57	0.088	0.148	3.98	2.50 - 7.50
6-00032	60044	Th-229	0.0381	0.0561	0.0203	0.145	2.50 - 7.50
6-00032	60044	Th-230	0.965	0.0206	0.103	2.2	2.50 - 7.50
6-00032	60044	Th-232	1.26	0.0205	0.123	3.1	2.50 - 7.50
6-00032	60044	Th-234	1.84	0.277	0.17	3.19	2.50 - 7.50
6-00032	60044	Tl-208	0.502	0.0136	0.027	0.937	2.50 - 7.50
6-00032	60044	Tm-171	-15.9 UJ	16.2	6.68	72.4	2.50 - 7.50
6-00032	60044	U-233/234	1.23	0.0563	0.129	2.02	2.50 - 7.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00032	60044	U-235/236	0.0462	0.0209	0.0192	0.151	2.50 - 7.50
6-00032	60044	U-238	1.19	0.0491	0.125	1.8	2.50 - 7.50
6-00033	60045	Ac-227	-0.119 UJ	0.145	0.0526	0.217	1.00 - 3.50
6-00033	60045	Ac-228	1.23	0.0752	0.0564	2.4	1.00 - 3.50
6-00033	60045	Am-241	0.0051	0.0141	0.0042	0.0454	1.00 - 3.50
6-00033	60045	Bi-212	0.796	0.0979	0.0659	2.15	1.00 - 3.50
6-00033	60045	Bi-214	1.02	0.0223	0.0452	1.59	1.00 - 3.50
6-00033	60045	C-14	0.254 U	0.637	0.193	2.96	1.00 - 3.50
6-00033	60045	Cd-113m	-7.28 U	98.4	31.9	3030	1.00 - 3.50
6-00033	60045	Cm-243/244	-0.001 U	0.0176	0.0032	0.0443	1.00 - 3.50
6-00033	60045	Co-60	0.0011 U	0.014	0.004	0.028	1.00 - 3.50
6-00033	60045	Cs-134	-0.0018 U	0.0112	0.0039	0.0864	1.00 - 3.50
6-00033	60045	Cs-137	0.0148	0.0133	0.0037	0.207	1.00 - 3.50
6-00033	60045	Eu-152	-0.0299 UJ	0.0351	0.0138	0.0566	1.00 - 3.50
6-00033	60045	Eu-154	-0.0132 U	0.0778	0.0234	0.15	1.00 - 3.50
6-00033	60045	Eu-155	0.12 SJ	0.052	0.0249	0.231	1.00 - 3.50
6-00033	60045	H-3	0.834 U	7.41	2.08	11.9	1.00 - 3.50
6-00033	60045	Ho-166m	-0.0084 U	0.0198	0.0064	0.0432	1.00 - 3.50
6-00033	60045	K-40	24.4	0.103	1.53	32.4	1.00 - 3.50
6-00033	60045	Na-22	-0.0037 U	0.0163	0.0051	0.037	1.00 - 3.50
6-00033	60045	Nb-94	0.0063 SJ	0.012	0.0038	0.0214	1.00 - 3.50
6-00033	60045	Ni-59	0.469 U	6.37	1.64	5.96	1.00 - 3.50
6-00033	60045	Ni-63	-0.239 U	1.12	0.332	4.92	1.00 - 3.50
6-00033	60045	Np-236	-0.0158 U	0.0279	0.0095	0.047	1.00 - 3.50
6-00033	60045	Np-239	-0.0417 U	0.0983	0.0311	0.139	1.00 - 3.50
6-00033	60045	Pa-231	-0.0437 U	0.598	0.195	0.936	1.00 - 3.50
6-00033	60045	Pb-212	1.42	0.0258	0.0855	2.69	1.00 - 3.50
6-00033	60045	Pb-214	1.14	0.0254	0.0528	1.7	1.00 - 3.50
6-00033	60045	Pu-236	0.0034 U	0.0171	0.0044	7.79	1.00 - 3.50
6-00033	60045	Pu-238	0.0027 U	0.0132	0.0033	0.0415	1.00 - 3.50
6-00033	60045	Pu-239/240	0.0002 U	0.0208	0.0047	0.0404	1.00 - 3.50
6-00033	60045	Pu-244	-0.0015 U	0.0132	0.0026	0.0313	1.00 - 3.50
6-00033	60045	Sb-125	-0.001 U	0.0336	0.0098	0.354	1.00 - 3.50
6-00033	60045	Sn-126	-0.0031 U	0.0128	0.004	0.0237	1.00 - 3.50
6-00033	60045	Sr-90	0.123 U	0.259	0.0795	0.485	1.00 - 3.50
6-00033	60045	Tc-99	-0.558 U	1.36	0.394	1.63	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00033	60045	Th-228	1.14	0.0553	0.114	3.98	1.00 - 3.50
6-00033	60045	Th-229	0.0354	0.0657	0.0213	0.145	1.00 - 3.50
6-00033	60045	Th-230	0.931	0.0655	0.0986	2.2	1.00 - 3.50
6-00033	60045	Th-232	1.14	0.0518	0.112	3.1	1.00 - 3.50
6-00033	60045	Th-234	1.44	0.231	0.137	3.19	1.00 - 3.50
6-00033	60045	Tl-208	0.428	0.0128	0.0236	0.937	1.00 - 3.50
6-00033	60045	Tm-171	-6.1 U	11.9	4.28	72.4	1.00 - 3.50
6-00033	60045	U-233/234	1.08	0.0582	0.122	2.02	1.00 - 3.50
6-00033	60045	U-235/236	0.103	0.0581	0.0332	0.151	1.00 - 3.50
6-00033	60045	U-238	1.01	0.047	0.116	1.8	1.00 - 3.50
6-00034	60046	Ac-227	-0.164 U	0.24	0.0824	0.217	0.00 - 0.50
6-00034	60046	Ac-228	1.06	0.151	0.0588	2.4	0.00 - 0.50
6-00034	60046	Am-241	0.0049	0.0066	0.0034	0.0454	0.00 - 0.50
6-00034	60046	Bi-212	0.736 J	0.208	0.139	2.15	0.00 - 0.50
6-00034	60046	Bi-214	0.936	0.0437	0.0502	1.59	0.00 - 0.50
6-00034	60046	C-14	-0.0728 U	0.695	0.206	2.96	0.00 - 0.50
6-00034	60046	Cd-113m	-26.1 U	161	48.2	3030	0.00 - 0.50
6-00034	60046	Cm-243/244	-0.0004 U	0.0222	0.0046	0.0443	0.00 - 0.50
6-00034	60046	Co-60	0.0186 J	0.0303	0.0093	0.028	0.00 - 0.50
6-00034	60046	Cs-134	0.0138 JS	0.0241	0.0083	0.0864	0.00 - 0.50
6-00034	60046	Cs-137	0.142 J	0.0244	0.0146	0.207	0.00 - 0.50
6-00034	60046	Eu-152	0.0065 U	0.0653	0.0221	0.0566	0.00 - 0.50
6-00034	60046	Eu-154	-0.0217 U	0.153	0.0464	0.15	0.00 - 0.50
6-00034	60046	Eu-155	0.0715 JS	0.0785	0.0332	0.231	0.00 - 0.50
6-00034	60046	H-3	-0.873 U	8.79	2.36	11.9	0.00 - 0.50
6-00034	60046	Ho-166m	-0.0074 U	0.0369	0.011	0.0432	0.00 - 0.50
6-00034	60046	K-40	21.4	0.191	1.23	32.4	0.00 - 0.50
6-00034	60046	Na-22	-0.0011 U	0.035	0.0102	0.037	0.00 - 0.50
6-00034	60046	Nb-94	0.0015 U	0.0222	0.0065	0.0214	0.00 - 0.50
6-00034	60046	Ni-59	-0.475 U	3.12	0.799	5.96	0.00 - 0.50
6-00034	60046	Ni-63	-0.0064 U	0.0652	0.0194	4.92	0.00 - 0.50
6-00034	60046	Np-236	-0.0075 U	0.0427	0.0132	0.047	0.00 - 0.50
6-00034	60046	Np-239	-0.0077 U	0.158	0.0462	0.139	0.00 - 0.50
6-00034	60046	Pa-231	0.402 U	1.05	0.328	0.936	0.00 - 0.50
6-00034	60046	Pb-212	1.27	0.0442	0.0763	2.69	0.00 - 0.50
6-00034	60046	Pb-214	0.976	0.0437	0.0492	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00034	60046	Pu-236	-0.0079 U	0.0333	0.0058	7.79	0.00 - 0.50
6-00034	60046	Pu-238	0.006 U	0.0285	0.0076	0.0415	0.00 - 0.50
6-00034	60046	Pu-239/240	0.0065	0.018	0.0053	0.0404	0.00 - 0.50
6-00034	60046	Pu-244	0.0008 U	0.018	0.0035	0.0313	0.00 - 0.50
6-00034	60046	Sb-125	0.0277 U	0.0641	0.0198	0.354	0.00 - 0.50
6-00034	60046	Sn-126	-0.0041 U	0.0246	0.0073	0.0237	0.00 - 0.50
6-00034	60046	Sr-90	-0.0384 U	0.338	0.0854	0.485	0.00 - 0.50
6-00034	60046	Tc-99	0.17 U	1.05	0.314	1.63	0.00 - 0.50
6-00034	60046	Th-228	1.27	0.123	0.131	3.98	0.00 - 0.50
6-00034	60046	Th-229	0.0146 U	0.109	0.0291	0.145	0.00 - 0.50
6-00034	60046	Th-230	0.748	0.0534	0.0867	2.2	0.00 - 0.50
6-00034	60046	Th-232	0.984	0.0533	0.103	3.1	0.00 - 0.50
6-00034	60046	Th-234	1.52 J	0.33	0.196	3.19	0.00 - 0.50
6-00034	60046	Tl-208	0.413	0.0259	0.0275	0.937	0.00 - 0.50
6-00034	60046	Tm-171	-2.03 U	15.1	5.1	72.4	0.00 - 0.50
6-00034	60046	U-233/234	1.08	0.0359	0.111	2.02	0.00 - 0.50
6-00034	60046	U-235/236	0.0786	0.0444	0.0253	0.151	0.00 - 0.50
6-00034	60046	U-238	0.879	0.0153	0.0957	1.8	0.00 - 0.50
6-00034	60047	Ac-227	0.0049 U	0.193	0.0595	0.217	1.00 - 5.00
6-00034	60047	Ac-228	0.899	0.0879	0.0471	2.4	1.00 - 5.00
6-00034	60047	Am-241	-0.0004 U	0.0226	0.0047	0.0454	1.00 - 5.00
6-00034	60047	Bi-212	0.587 J	0.12	0.0591	2.15	1.00 - 5.00
6-00034	60047	Bi-214	0.703	0.0275	0.0355	1.59	1.00 - 5.00
6-00034	60047	C-14	-0.0805 U	0.965	0.283	2.96	1.00 - 5.00
6-00034	60047	Cd-113m	-3.2 U	131	40.6	3030	1.00 - 5.00
6-00034	60047	Cm-243/244	0.0021 U	0.0227	0.0054	0.0443	1.00 - 5.00
6-00034	60047	Co-60	0.0177	0.0173	0.0056	0.028	1.00 - 5.00
6-00034	60047	Cs-134	0.0029 U	0.0138	0.0046	0.0864	1.00 - 5.00
6-00034	60047	Cs-137	1.21	0.0156	0.0677	0.207	1.00 - 5.00
6-00034	60047	Eu-152	-0.0164 U	0.0473	0.0212	0.0566	1.00 - 5.00
6-00034	60047	Eu-154	-0.0094 U	0.0889	0.0269	0.15	1.00 - 5.00
6-00034	60047	Eu-155	0.0279 U	0.0699	0.0216	0.231	1.00 - 5.00
6-00034	60047	H-3	2.34 U	7.06	2.08	11.9	1.00 - 5.00
6-00034	60047	Ho-166m	-0.0039 U	0.0231	0.0069	0.0432	1.00 - 5.00
6-00034	60047	K-40	18.8	0.11	1.18	32.4	1.00 - 5.00
6-00034	60047	Na-22	-0.0078 U	0.019	0.006	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00034	60047	Nb-94	0.0077 J	0.0138	0.0043	0.0214	1.00 - 5.00
6-00034	60047	Ni-59	-1.21 UJ	4.63	1.3	5.96	1.00 - 5.00
6-00034	60047	Ni-63	0.331 U	1.1	0.332	4.92	1.00 - 5.00
6-00034	60047	Np-236	0.0014 U	0.0369	0.011	0.047	1.00 - 5.00
6-00034	60047	Np-239	-0.0153 U	0.126	0.0389	0.139	1.00 - 5.00
6-00034	60047	Pa-231	-0.296 U	0.8	0.261	0.936	1.00 - 5.00
6-00034	60047	Pb-212	1	0.0325	0.0676	2.69	1.00 - 5.00
6-00034	60047	Pb-214	0.759	0.0338	0.0418	1.7	1.00 - 5.00
6-00034	60047	Pu-236	0.0004 UJ	0.032	0.0072	7.79	1.00 - 5.00
6-00034	60047	Pu-238	0.0025 UJ	0.0438	0.0111	0.0415	1.00 - 5.00
6-00034	60047	Pu-239/240	0.0306	0.0083	0.0099	0.0404	1.00 - 5.00
6-00034	60047	Pu-244	0.0031	0.0083	0.0031	0.0313	1.00 - 5.00
6-00034	60047	Sb-125	-0.0161 U	0.0472	0.0148	0.354	1.00 - 5.00
6-00034	60047	Sn-126	0.0007 UJ	0.0149	0.0043	0.0237	1.00 - 5.00
6-00034	60047	Sr-90	0.641	0.233	0.115	0.485	1.00 - 5.00
6-00034	60047	Tc-99	-0.127 U	1.04	0.29	1.63	1.00 - 5.00
6-00034	60047	Th-228	1.13	0.0612	0.119	3.98	1.00 - 5.00
6-00034	60047	Th-229	0.0235 U	0.0843	0.0235	0.145	1.00 - 5.00
6-00034	60047	Th-230	0.68	0.0726	0.0848	2.2	1.00 - 5.00
6-00034	60047	Th-232	0.974	0.0211	0.105	3.1	1.00 - 5.00
6-00034	60047	Th-234	1.23 J	0.321	0.165	3.19	1.00 - 5.00
6-00034	60047	Tl-208	0.288	0.0163	0.018	0.937	1.00 - 5.00
6-00034	60047	Tm-171	-19.1 UJ	17.4	7.5	72.4	1.00 - 5.00
6-00034	60047	U-233/234	1.08	0.0408	0.109	2.02	1.00 - 5.00
6-00034	60047	U-235/236	0.0256	0.0173	0.0129	0.151	1.00 - 5.00
6-00034	60047	U-238	0.941	0.014	0.0979	1.8	1.00 - 5.00
6-00035	60048	Ac-227	0.0824 U	0.174	0.0541	0.217	0.00 - 0.50
6-00035	60048	Ac-228	1.04	0.101	0.0512	2.4	0.00 - 0.50
6-00035	60048	Am-241	0.0156	0.0053	0.0056	0.0454	0.00 - 0.50
6-00035	60048	Bi-212	0.763	0.139	0.0758	2.15	0.00 - 0.50
6-00035	60048	Bi-214	0.799	0.0278	0.0396	1.59	0.00 - 0.50
6-00035	60048	C-14	-0.0934 U	0.676	0.2	2.96	0.00 - 0.50
6-00035	60048	Cd-113m	14 U	114	34.5	3030	0.00 - 0.50
6-00035	60048	Cm-243/244	0.0079	0.0053	0.004	0.0443	0.00 - 0.50
6-00035	60048	Co-60	-0.0032 U	0.0176	0.0053	0.028	0.00 - 0.50
6-00035	60048	Cs-134	0.0093 JS	0.0155	0.0054	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00035	60048	Cs-137	0.0439	0.0166	0.0078	0.207	0.00 - 0.50
6-00035	60048	Eu-152	0.001 U	0.0428	0.0138	0.0566	0.00 - 0.50
6-00035	60048	Eu-154	-0.0087 U	0.0984	0.0286	0.15	0.00 - 0.50
6-00035	60048	Eu-155	0.0302 U	0.0616	0.0198	0.231	0.00 - 0.50
6-00035	60048	H-3	0.663 U	9.34	2.61	11.9	0.00 - 0.50
6-00035	60048	Ho-166m	-0.0023 U	0.0257	0.0076	0.0432	0.00 - 0.50
6-00035	60048	K-40	22.1	0.122	1.2	32.4	0.00 - 0.50
6-00035	60048	Na-22	-0.005 U	0.0224	0.0068	0.037	0.00 - 0.50
6-00035	60048	Nb-94	0.0054 U	0.015	0.0045	0.0214	0.00 - 0.50
6-00035	60048	Ni-59	-1.28 U	3.82	1.11	5.96	0.00 - 0.50
6-00035	60048	Ni-63	0.359 U	1.23	0.374	4.92	0.00 - 0.50
6-00035	60048	Np-236	0.0026 U	0.0322	0.0098	0.047	0.00 - 0.50
6-00035	60048	Np-239	-0.0192 U	0.114	0.0339	0.139	0.00 - 0.50
6-00035	60048	Pa-231	-0.0747 U	0.721	0.222	0.936	0.00 - 0.50
6-00035	60048	Pb-212	1.2	0.0308	0.0697	2.69	0.00 - 0.50
6-00035	60048	Pb-214	0.869	0.0309	0.0425	1.7	0.00 - 0.50
6-00035	60048	Pu-236	0.0163 UJ	0.0403	0.0121	7.79	0.00 - 0.50
6-00035	60048	Pu-238	0.0245	0.0345	0.012	0.0415	0.00 - 0.50
6-00035	60048	Pu-239/240	0.0113	0.0219	0.0073	0.0404	0.00 - 0.50
6-00035	60048	Pu-244	0.0044 UJ	0.0219	0.0055	0.0313	0.00 - 0.50
6-00035	60048	Sb-125	0.0014 U	0.0435	0.0131	0.354	0.00 - 0.50
6-00035	60048	Sn-126	-0.0039 U	0.0161	0.0049	0.0237	0.00 - 0.50
6-00035	60048	Sr-90	-0.073 U	0.409	0.108	0.485	0.00 - 0.50
6-00035	60048	Tc-99	-0.0892 U	1.92	0.566	1.63	0.00 - 0.50
6-00035	60048	Th-228	1.07	0.146	0.138	3.98	0.00 - 0.50
6-00035	60048	Th-229	0.0539	0.0793	0.0287	0.145	0.00 - 0.50
6-00035	60048	Th-230	0.774	0.0291	0.104	2.2	0.00 - 0.50
6-00035	60048	Th-232	0.943	0.029	0.118	3.1	0.00 - 0.50
6-00035	60048	Th-234	1.31	0.242	0.127	3.19	0.00 - 0.50
6-00035	60048	Tl-208	0.406	0.0168	0.0247	0.937	0.00 - 0.50
6-00035	60048	Tm-171	-3.95 U	10.8	3.74	72.4	0.00 - 0.50
6-00035	60048	U-233/234	0.814	0.0384	0.0928	2.02	0.00 - 0.50
6-00035	60048	U-235/236	0.0596	0.0202	0.0215	0.151	0.00 - 0.50
6-00035	60048	U-238	0.971	0.0163	0.105	1.8	0.00 - 0.50
6-00035	60049	Ac-227	-0.0704 U	0.15	0.0498	0.217	1.00 - 3.30
6-00035	60049	Ac-228	1.13	0.0911	0.0534	2.4	1.00 - 3.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00035	60049	Am-241	0.0031 U	0.0156	0.004	0.0454	1.00 - 3.30
6-00035	60049	Bi-212	0.897	0.128	0.0718	2.15	1.00 - 3.30
6-00035	60049	Bi-214	0.913	0.027	0.0441	1.59	1.00 - 3.30
6-00035	60049	C-14	0.182 U	0.91	0.272	2.96	1.00 - 3.30
6-00035	60049	Cd-113m	29.6 U	103	32	3030	1.00 - 3.30
6-00035	60049	Cm-243/244	0.0065	0.0126	0.0042	0.0443	1.00 - 3.30
6-00035	60049	Co-60	0.002 U	0.0182	0.0052	0.028	1.00 - 3.30
6-00035	60049	Cs-134	-0.0005 U	0.0138	0.0048	0.0864	1.00 - 3.30
6-00035	60049	Cs-137	-0.0062 U	0.0174	0.0052	0.207	1.00 - 3.30
6-00035	60049	Eu-152	-0.0079 U	0.0406	0.0124	0.0566	1.00 - 3.30
6-00035	60049	Eu-154	-0.0413 U	0.0925	0.03	0.15	1.00 - 3.30
6-00035	60049	Eu-155	0.0628 J	0.0465	0.0194	0.231	1.00 - 3.30
6-00035	60049	H-3	4.04	7.38	2.28	11.9	1.00 - 3.30
6-00035	60049	Ho-166m	0.0087 U	0.0255	0.0075	0.0432	1.00 - 3.30
6-00035	60049	K-40	20.2	0.124	1.09	32.4	1.00 - 3.30
6-00035	60049	Na-22	-0.0037 U	0.02	0.006	0.037	1.00 - 3.30
6-00035	60049	Nb-94	0.0028 U	0.0143	0.0041	0.0214	1.00 - 3.30
6-00035	60049	Ni-59	-1.17 UJ	3.68	1.11	5.96	1.00 - 3.30
6-00035	60049	Ni-63	0.749	1.1	0.345	4.92	1.00 - 3.30
6-00035	60049	Np-236	-0.0023 U	0.0256	0.0075	0.047	1.00 - 3.30
6-00035	60049	Np-239	0.0113 U	0.103	0.0313	0.139	1.00 - 3.30
6-00035	60049	Pa-231	0.205 U	0.653	0.204	0.936	1.00 - 3.30
6-00035	60049	Pb-212	1.26	0.0265	0.0696	2.69	1.00 - 3.30
6-00035	60049	Pb-214	0.966	0.0287	0.045	1.7	1.00 - 3.30
6-00035	60049	Pu-236	0.0061 U	0.0286	0.0076	7.79	1.00 - 3.30
6-00035	60049	Pu-238	0.0046 U	0.032	0.0083	0.0415	1.00 - 3.30
6-00035	60049	Pu-239/240	0.0035 U	0.0174	0.0043	0.0404	1.00 - 3.30
6-00035	60049	Pu-244	0.0062	0.0174	0.0051	0.0313	1.00 - 3.30
6-00035	60049	Sb-125	-0.0152 U	0.038	0.012	0.354	1.00 - 3.30
6-00035	60049	Sn-126	-0.0046 UJ	0.0158	0.0048	0.0237	1.00 - 3.30
6-00035	60049	Sr-90	-0.0244 U	0.199	0.051	0.485	1.00 - 3.30
6-00035	60049	Tc-99	-0.328 U	0.847	0.227	1.63	1.00 - 3.30
6-00035	60049	Th-228	1.54	0.0185	0.136	3.98	1.00 - 3.30
6-00035	60049	Th-229	0.0129 U	0.0773	0.0204	0.145	1.00 - 3.30
6-00035	60049	Th-230	0.944	0.0692	0.0964	2.2	1.00 - 3.30
6-00035	60049	Th-232	1.15	0.0595	0.109	3.1	1.00 - 3.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00035	60049	Th-234	1.41	0.19	0.117	3.19	1.00 - 3.30
6-00035	60049	Tl-208	0.396	0.015	0.0237	0.937	1.00 - 3.30
6-00035	60049	Tm-171	1.34 U	5.88	2.02	72.4	1.00 - 3.30
6-00035	60049	U-233/234	0.921	0.0358	0.0993	2.02	1.00 - 3.30
6-00035	60049	U-235/236	0.0556	0.0188	0.0201	0.151	1.00 - 3.30
6-00035	60049	U-238	0.978	0.0152	0.104	1.8	1.00 - 3.30
6-00036	60050	Ac-227	-0.0712 U	0.204	0.0639	0.217	0.00 - 0.50
6-00036	60050	Ac-228	1.11	0.0942	0.0579	2.4	0.00 - 0.50
6-00036	60050	Am-241	0.0075 U	0.0242	0.0069	0.0454	0.00 - 0.50
6-00036	60050	Bi-212	0.75	0.136	0.0729	2.15	0.00 - 0.50
6-00036	60050	Bi-214	0.876	0.0292	0.0418	1.59	0.00 - 0.50
6-00036	60050	C-14	0.12 U	0.663	0.199	2.96	0.00 - 0.50
6-00036	60050	Cd-113m	-52.3 U	140	48.3	3030	0.00 - 0.50
6-00036	60050	Cm-243/244	0.0163	0.0285	0.0092	0.0443	0.00 - 0.50
6-00036	60050	Co-60	0.0021 U	0.0182	0.0052	0.028	0.00 - 0.50
6-00036	60050	Cs-134	0.0623 JS	0.0212	0.0159	0.0864	0.00 - 0.50
6-00036	60050	Cs-137	0.136	0.0169	0.0125	0.207	0.00 - 0.50
6-00036	60050	Eu-152	-0.0075 U	0.05	0.0265	0.0566	0.00 - 0.50
6-00036	60050	Eu-154	-0.0307 U	0.0983	0.0307	0.15	0.00 - 0.50
6-00036	60050	Eu-155	0.0561 JS	0.0771	0.0271	0.231	0.00 - 0.50
6-00036	60050	H-3	1.56 U	8.44	2.42	11.9	0.00 - 0.50
6-00036	60050	Ho-166m	0.0107 U	0.0272	0.0082	0.0432	0.00 - 0.50
6-00036	60050	K-40	22.1	0.119	1.45	32.4	0.00 - 0.50
6-00036	60050	Na-22	-0.001 U	0.0214	0.007	0.037	0.00 - 0.50
6-00036	60050	Nb-94	0.0034 U	0.0154	0.0045	0.0214	0.00 - 0.50
6-00036	60050	Ni-59	0.555 U	5.15	1.28	5.96	0.00 - 0.50
6-00036	60050	Ni-63	-0.022 U	0.062	0.0182	4.92	0.00 - 0.50
6-00036	60050	Np-236	-0.0082 U	0.0408	0.0122	0.047	0.00 - 0.50
6-00036	60050	Np-239	0.0596 U	0.14	0.0438	0.139	0.00 - 0.50
6-00036	60050	Pa-231	-0.757 UJ	0.832	0.349	0.936	0.00 - 0.50
6-00036	60050	Pb-212	1.3	0.0369	0.0874	2.69	0.00 - 0.50
6-00036	60050	Pb-214	0.973	0.0349	0.0507	1.7	0.00 - 0.50
6-00036	60050	Pu-236	0.0109	0.0266	0.008	7.79	0.00 - 0.50
6-00036	60050	Pu-238	0.0175	0.0247	0.0086	0.0415	0.00 - 0.50
6-00036	60050	Pu-239/240	0.0014 U	0.0194	0.0043	0.0404	0.00 - 0.50
6-00036	60050	Pu-244	0.0049	0.0067	0.0035	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00036	60050	Sb-125	0.0193 U	0.0485	0.0151	0.354	0.00 - 0.50
6-00036	60050	Sn-126	-0.0026 U	0.0169	0.005	0.0237	0.00 - 0.50
6-00036	60050	Sr-90	-0.167 U	0.375	0.0899	0.485	0.00 - 0.50
6-00036	60050	Tc-99	0.125 U	0.931	0.279	1.63	0.00 - 0.50
6-00036	60050	Th-228	1.2	0.103	0.132	3.98	0.00 - 0.50
6-00036	60050	Th-229	0.0085 U	0.0911	0.0224	0.145	0.00 - 0.50
6-00036	60050	Th-230	0.802	0.0229	0.0958	2.2	0.00 - 0.50
6-00036	60050	Th-232	0.951	0.062	0.107	3.1	0.00 - 0.50
6-00036	60050	Th-234	1.41 J	0.325	0.171	3.19	0.00 - 0.50
6-00036	60050	Tl-208	0.399	0.0174	0.0236	0.937	0.00 - 0.50
6-00036	60050	Tm-171	-5.49 U	16.8	6.09	72.4	0.00 - 0.50
6-00036	60050	U-233/234	0.994	0.0169	0.108	2.02	0.00 - 0.50
6-00036	60050	U-235/236	0.0923	0.0208	0.0275	0.151	0.00 - 0.50
6-00036	60050	U-238	0.947	0.0396	0.105	1.8	0.00 - 0.50
6-00036	60051	Ac-227	0.0169 U	0.158	0.0482	0.217	1.00 - 5.00
6-00036	60051	Ac-228	1.32	0.0757	0.0614	2.4	1.00 - 5.00
6-00036	60051	Am-241	0.0146	0.0175	0.0067	0.0454	1.00 - 5.00
6-00036	60051	Bi-212	0.932	0.107	0.0689	2.15	1.00 - 5.00
6-00036	60051	Bi-214	1.01	0.0242	0.0451	1.59	1.00 - 5.00
6-00036	60051	C-14	-0.398 U	0.954	0.274	2.96	1.00 - 5.00
6-00036	60051	Cd-113m	17.1 U	106	33.5	3030	1.00 - 5.00
6-00036	60051	Cm-243/244	0.0028 U	0.0292	0.0075	0.0443	1.00 - 5.00
6-00036	60051	Co-60	0.001 U	0.0143	0.0042	0.028	1.00 - 5.00
6-00036	60051	Cs-134	0.009 J	0.0121	0.0045	0.0864	1.00 - 5.00
6-00036	60051	Cs-137	0.0316	0.0151	0.0058	0.207	1.00 - 5.00
6-00036	60051	Eu-152	-0.0224 U	0.0375	0.0171	0.0566	1.00 - 5.00
6-00036	60051	Eu-154	-0.0187 U	0.0774	0.0242	0.15	1.00 - 5.00
6-00036	60051	Eu-155	0.0628 J	0.0561	0.0218	0.231	1.00 - 5.00
6-00036	60051	H-3	3.54	7.11	2.17	11.9	1.00 - 5.00
6-00036	60051	Ho-166m	-0.0094 U	0.0206	0.0067	0.0432	1.00 - 5.00
6-00036	60051	K-40	20.7	0.0955	1.2	32.4	1.00 - 5.00
6-00036	60051	Na-22	0.0103 J	0.0167	0.006	0.037	1.00 - 5.00
6-00036	60051	Nb-94	0.0017 U	0.0123	0.0037	0.0214	1.00 - 5.00
6-00036	60051	Ni-59	2.46 J	4.82	1.3	5.96	1.00 - 5.00
6-00036	60051	Ni-63	0.392 U	1.21	0.365	4.92	1.00 - 5.00
6-00036	60051	Np-236	-0.0009 U	0.0305	0.0094	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00036	60051	Np-239	0.0258 U	0.107	0.0327	0.139	1.00 - 5.00
6-00036	60051	Pa-231	-0.418 U	0.643	0.23	0.936	1.00 - 5.00
6-00036	60051	Pb-212	1.45	0.0273	0.0872	2.69	1.00 - 5.00
6-00036	60051	Pb-214	1.09	0.0276	0.0512	1.7	1.00 - 5.00
6-00036	60051	Pu-236	-0.0083 U	0.0421	0.0093	7.79	1.00 - 5.00
6-00036	60051	Pu-238	0.0069 U	0.0372	0.0101	0.0415	1.00 - 5.00
6-00036	60051	Pu-239/240	0.0023 U	0.0246	0.0058	0.0404	1.00 - 5.00
6-00036	60051	Pu-244	0	0.0074	0.0027	0.0313	1.00 - 5.00
6-00036	60051	Sb-125	0.02 J	0.0371	0.0116	0.354	1.00 - 5.00
6-00036	60051	Sn-126	0.0019 UJ	0.0136	0.0041	0.0237	1.00 - 5.00
6-00036	60051	Sr-90	0.0442 U	0.2	0.057	0.485	1.00 - 5.00
6-00036	60051	Tc-99	-0.0879 U	0.908	0.254	1.63	1.00 - 5.00
6-00036	60051	Th-228	1.25	0.0624	0.128	3.98	1.00 - 5.00
6-00036	60051	Th-229	0.016 U	0.0741	0.0196	0.145	1.00 - 5.00
6-00036	60051	Th-230	0.908	0.0216	0.101	2.2	1.00 - 5.00
6-00036	60051	Th-232	1.27	0.0584	0.127	3.1	1.00 - 5.00
6-00036	60051	Th-234	1.51	0.247	0.134	3.19	1.00 - 5.00
6-00036	60051	Tl-208	0.431	0.0135	0.0239	0.937	1.00 - 5.00
6-00036	60051	Tm-171	-10.6 UJ	11.6	4.7	72.4	1.00 - 5.00
6-00036	60051	U-233/234	1.15	0.0464	0.119	2.02	1.00 - 5.00
6-00036	60051	U-235/236	0.0581	0.0197	0.021	0.151	1.00 - 5.00
6-00036	60051	U-238	0.993	0.0159	0.106	1.8	1.00 - 5.00
6-00037	60052	Ac-227	0.0064 U	0.118	0.0353	0.217	0.00 - 0.50
6-00037	60052	Ac-228	1.02	0.0586	0.0473	2.4	0.00 - 0.50
6-00037	60052	Am-241	0 U	0.0167	0.0038	0.0454	0.00 - 0.50
6-00037	60052	Bi-212	0.724	0.0808	0.0533	2.15	0.00 - 0.50
6-00037	60052	Bi-214	0.92	0.0181	0.0405	1.59	0.00 - 0.50
6-00037	60052	C-14	0.201 U	0.919	0.276	2.96	0.00 - 0.50
6-00037	60052	Cd-113m	26.7 U	78.5	24.9	3030	0.00 - 0.50
6-00037	60052	Cm-243/244	0 U	0.0145	0.0031	0.0443	0.00 - 0.50
6-00037	60052	Co-60	-0.0017 U	0.0104	0.0032	0.028	0.00 - 0.50
6-00037	60052	Cs-134	0.0016 U	0.0095	0.0032	0.0864	0.00 - 0.50
6-00037	60052	Cs-137	0.0816	0.0106	0.0068	0.207	0.00 - 0.50
6-00037	60052	Eu-152	-0.0172 U	0.0281	0.0102	0.0566	0.00 - 0.50
6-00037	60052	Eu-154	0.0111 U	0.0587	0.0202	0.15	0.00 - 0.50
6-00037	60052	Eu-155	0.0611 JS	0.0412	0.0169	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00037	60052	H-3	0.928 U	5.2	1.5	11.9	0.00 - 0.50
6-00037	60052	Ho-166m	-0.0003 U	0.0159	0.0047	0.0432	0.00 - 0.50
6-00037	60052	K-40	21.4	0.0724	1.21	32.4	0.00 - 0.50
6-00037	60052	Na-22	0.0003 U	0.0131	0.0046	0.037	0.00 - 0.50
6-00037	60052	Nb-94	0.0031 U	0.0095	0.0029	0.0214	0.00 - 0.50
6-00037	60052	Ni-59	-0.0158 U	1.37	0.4	5.96	0.00 - 0.50
6-00037	60052	Ni-63	0.495 U	1.61	0.488	4.92	0.00 - 0.50
6-00037	60052	Np-236	-0.0006 U	0.0228	0.0069	0.047	0.00 - 0.50
6-00037	60052	Np-239	0.0362 U	0.0793	0.025	0.139	0.00 - 0.50
6-00037	60052	Pa-231	-0.0743 U	0.487	0.153	0.936	0.00 - 0.50
6-00037	60052	Pb-212	1.16	0.0207	0.0726	2.69	0.00 - 0.50
6-00037	60052	Pb-214	0.996	0.0198	0.0473	1.7	0.00 - 0.50
6-00037	60052	Pu-236	-0.0093 U	0.0279	0.0052	7.79	0.00 - 0.50
6-00037	60052	Pu-238	0.0022	0.006	0.0022	0.0415	0.00 - 0.50
6-00037	60052	Pu-239/240	0.0088 U	0.0236	0.007	0.0404	0.00 - 0.50
6-00037	60052	Pu-244	0	0.0059	0.0022	0.0313	0.00 - 0.50
6-00037	60052	Sb-125	0.0146 JS	0.028	0.0091	0.354	0.00 - 0.50
6-00037	60052	Sn-126	0.0003 U	0.0103	0.003	0.0237	0.00 - 0.50
6-00037	60052	Sr-90	-0.0965 U	0.651	0.157	0.485	0.00 - 0.50
6-00037	60052	Tc-99	-0.53 U	1.36	0.386	1.63	0.00 - 0.50
6-00037	60052	Th-228	1.18	0.129	0.123	3.98	0.00 - 0.50
6-00037	60052	Th-229	0.0071 U	0.0937	0.0237	0.145	0.00 - 0.50
6-00037	60052	Th-230	0.798	0.0662	0.0902	2.2	0.00 - 0.50
6-00037	60052	Th-232	0.91	0.0523	0.0974	3.1	0.00 - 0.50
6-00037	60052	Th-234	1.39	0.18	0.117	3.19	0.00 - 0.50
6-00037	60052	Tl-208	0.36	0.01	0.0197	0.937	0.00 - 0.50
6-00037	60052	Tm-171	-4.52 UJ	7.71	2.93	72.4	0.00 - 0.50
6-00037	60052	U-233/234	0.82	0.0823	0.0926	2.02	0.00 - 0.50
6-00037	60052	U-235/236	0.0339	0.0499	0.0181	0.151	0.00 - 0.50
6-00037	60052	U-238	1.02	0.0404	0.106	1.8	0.00 - 0.50
6-00037	60053	Ac-227	-0.127 U	0.195	0.0657	0.217	1.00 - 5.00
6-00037	60053	Ac-228	1.23	0.108	0.0605	2.4	1.00 - 5.00
6-00037	60053	Am-241	0.0021	0.0056	0.0021	0.0454	1.00 - 5.00
6-00037	60053	Bi-212	0.84 J	0.146	0.0867	2.15	1.00 - 5.00
6-00037	60053	Bi-214	0.908	0.0343	0.0449	1.59	1.00 - 5.00
6-00037	60053	C-14	-0.311 U	0.694	0.202	2.96	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00037	60053	Cd-113m	-0.445 U	129	40.7	3030	1.00 - 5.00
6-00037	60053	Cm-243/244	0.0012 U	0.0163	0.0036	0.0443	1.00 - 5.00
6-00037	60053	Co-60	0.0012 U	0.0208	0.0061	0.028	1.00 - 5.00
6-00037	60053	Cs-134	0.0118 SJ	0.0169	0.0061	0.0864	1.00 - 5.00
6-00037	60053	Cs-137	0.0064 U	0.0186	0.0063	0.207	1.00 - 5.00
6-00037	60053	Eu-152	-0.0163 U	0.0484	0.0163	0.0566	1.00 - 5.00
6-00037	60053	Eu-154	-0.0288 U	0.112	0.0338	0.15	1.00 - 5.00
6-00037	60053	Eu-155	0.064 SJ	0.07	0.0208	0.231	1.00 - 5.00
6-00037	60053	H-3	5.44	7.06	2.32	11.9	1.00 - 5.00
6-00037	60053	Ho-166m	-0.0005 U	0.0298	0.0088	0.0432	1.00 - 5.00
6-00037	60053	K-40	22.7	0.159	1.4	32.4	1.00 - 5.00
6-00037	60053	Na-22	-0.0104 U	0.0243	0.0078	0.037	1.00 - 5.00
6-00037	60053	Nb-94	0.0042 U	0.0177	0.0053	0.0214	1.00 - 5.00
6-00037	60053	Ni-59	-2.5 U	5.07	1.61	5.96	1.00 - 5.00
6-00037	60053	Ni-63	0.698 U	1.65	0.503	4.92	1.00 - 5.00
6-00037	60053	Np-236	-0.031 SUJ	0.0369	0.0135	0.047	1.00 - 5.00
6-00037	60053	Np-239	-0.0393 U	0.133	0.0402	0.139	1.00 - 5.00
6-00037	60053	Pa-231	-0.616 UJ	0.811	0.287	0.936	1.00 - 5.00
6-00037	60053	Pb-212	1.39	0.0334	0.0831	2.69	1.00 - 5.00
6-00037	60053	Pb-214	1	0.0352	0.049	1.7	1.00 - 5.00
6-00037	60053	Pu-236	0.0011 U	0.016	0.0035	7.79	1.00 - 5.00
6-00037	60053	Pu-238	-0.0009 U	0.0157	0.0028	0.0415	1.00 - 5.00
6-00037	60053	Pu-239/240	0.0025 U	0.0127	0.0032	0.0404	1.00 - 5.00
6-00037	60053	Pu-244	0.004	0.0054	0.0028	0.0313	1.00 - 5.00
6-00037	60053	Sb-125	-0.0119 U	0.0467	0.0146	0.354	1.00 - 5.00
6-00037	60053	Sn-126	0.0056 U	0.0194	0.0058	0.0237	1.00 - 5.00
6-00037	60053	Sr-90	0.0652 U	0.254	0.0732	0.485	1.00 - 5.00
6-00037	60053	Tc-99	-0.0868 U	1.21	0.357	1.63	1.00 - 5.00
6-00037	60053	Th-228	1.29 L	0.0606	0.112	3.98	1.00 - 5.00
6-00037	60053	Th-229	0.0711 L	0.0148	0.0201	0.145	1.00 - 5.00
6-00037	60053	Th-230	0.89 L	0.0588	0.0862	2.2	1.00 - 5.00
6-00037	60053	Th-232	1.23 L	0.0401	0.106	3.1	1.00 - 5.00
6-00037	60053	Th-234	1.55 J	0.305	0.167	3.19	1.00 - 5.00
6-00037	60053	Tl-208	0.431	0.0175	0.0257	0.937	1.00 - 5.00
6-00037	60053	Tm-171	-2.69 U	15	4.97	72.4	1.00 - 5.00
6-00037	60053	U-233/234	0.92	0.0212	0.0849	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00037	60053	U-235/236	0.0657	0.0111	0.017	0.151	1.00 - 5.00
6-00037	60053	U-238	0.977	0.0212	0.0891	1.8	1.00 - 5.00
6-00039	60055	Ac-227	-0.0702 U	0.124	0.0406	0.217	5.00 - 10.00
6-00039	60055	Ac-228	1.17	0.0675	0.0533	2.4	5.00 - 10.00
6-00039	60055	Am-241	0.0046	0.013	0.0038	0.0454	5.00 - 10.00
6-00039	60055	Bi-212	0.84	0.0927	0.0583	2.15	5.00 - 10.00
6-00039	60055	Bi-214	0.885	0.0204	0.0399	1.59	5.00 - 10.00
6-00039	60055	C-14	-0.0233 U	0.883	0.264	2.96	5.00 - 10.00
6-00039	60055	Cd-113m	-5.75 U	82.2	25.2	3030	5.00 - 10.00
6-00039	60055	Cm-243/244	0.0061	0.0056	0.0036	0.0443	5.00 - 10.00
6-00039	60055	Co-60	-0.0003 U	0.0127	0.0038	0.028	5.00 - 10.00
6-00039	60055	Cs-134	0.0032 U	0.0103	0.0035	0.0864	5.00 - 10.00
6-00039	60055	Cs-137	-0.006 U	0.0115	0.0038	0.207	5.00 - 10.00
6-00039	60055	Eu-152	-0.0108 U	0.0313	0.0098	0.0566	5.00 - 10.00
6-00039	60055	Eu-154	0.0082 U	0.0697	0.0236	0.15	5.00 - 10.00
6-00039	60055	Eu-155	0.0475 JS	0.0438	0.0188	0.231	5.00 - 10.00
6-00039	60055	H-3	0.516 U	6.88	1.91	11.9	5.00 - 10.00
6-00039	60055	Ho-166m	0.0025 U	0.0183	0.0055	0.0432	5.00 - 10.00
6-00039	60055	K-40	20.4	0.0872	1.24	32.4	5.00 - 10.00
6-00039	60055	Na-22	-0.0042 U	0.015	0.0052	0.037	5.00 - 10.00
6-00039	60055	Nb-94	0.0019 U	0.0106	0.0032	0.0214	5.00 - 10.00
6-00039	60055	Ni-59	-1.98 U	4.15	1.33	5.96	5.00 - 10.00
6-00039	60055	Ni-63	0.272 U	1.47	0.439	4.92	5.00 - 10.00
6-00039	60055	Np-236	-0.013 UJ	0.0236	0.0079	0.047	5.00 - 10.00
6-00039	60055	Np-239	-0.0151 U	0.0812	0.0242	0.139	5.00 - 10.00
6-00039	60055	Pa-231	-0.258 UJ	0.517	0.167	0.936	5.00 - 10.00
6-00039	60055	Pb-212	1.31	0.0214	0.0776	2.69	5.00 - 10.00
6-00039	60055	Pb-214	0.962	0.022	0.0449	1.7	5.00 - 10.00
6-00039	60055	Pu-236	-0.0069 U	0.0326	0.0067	7.79	5.00 - 10.00
6-00039	60055	Pu-238	-0.0121 U	0.0391	0.0083	0.0415	5.00 - 10.00
6-00039	60055	Pu-239/240	-0.0051 U	0.0215	0.0038	0.0404	5.00 - 10.00
6-00039	60055	Pu-244	0.0037 U	0.0188	0.0048	0.0313	5.00 - 10.00
6-00039	60055	Sb-125	-0.0042 U	0.0294	0.0091	0.354	5.00 - 10.00
6-00039	60055	Sn-126	-0.0047 U	0.0118	0.0038	0.0237	5.00 - 10.00
6-00039	60055	Sr-90	-0.0645 U	0.225	0.0532	0.485	5.00 - 10.00
6-00039	60055	Tc-99	-0.458 U	1.23	0.36	1.63	5.00 - 10.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00039	60055	Th-228	0.65	0.0682	0.0804	3.98	5.00 - 10.00
6-00039	60055	Th-229	0.0137 U	0.0964	0.0256	0.145	5.00 - 10.00
6-00039	60055	Th-230	0.43	0.0634	0.0613	2.2	5.00 - 10.00
6-00039	60055	Th-232	0.51	0.0184	0.0662	3.1	5.00 - 10.00
6-00039	60055	Th-234	1.44	0.191	0.126	3.19	5.00 - 10.00
6-00039	60055	Tl-208	0.411	0.0112	0.0224	0.937	5.00 - 10.00
6-00039	60055	Tm-171	-3.53 U	9.73	3.32	72.4	5.00 - 10.00
6-00039	60055	U-233/234	0.432	0.0562	0.0583	2.02	5.00 - 10.00
6-00039	60055	U-235/236	0.0227	0.0503	0.0157	0.151	5.00 - 10.00
6-00039	60055	U-238	0.429	0.0328	0.0569	1.8	5.00 - 10.00
6-00040	60056	Ac-227	-0.0339 U	0.17	0.0504	0.217	0.00 - 0.50
6-00040	60056	Ac-228	1.14	0.0881	0.0548	2.4	0.00 - 0.50
6-00040	60056	Am-241	0.0044	0.0122	0.0036	0.0454	0.00 - 0.50
6-00040	60056	Bi-212	0.858	0.12	0.07	2.15	0.00 - 0.50
6-00040	60056	Bi-214	0.893	0.0257	0.0418	1.59	0.00 - 0.50
6-00040	60056	C-14	-0.218 U	0.683	0.2	2.96	0.00 - 0.50
6-00040	60056	Cd-113m	34.1 U	113	33.4	3030	0.00 - 0.50
6-00040	60056	Cm-243/244	0.0025 U	0.0124	0.0031	0.0443	0.00 - 0.50
6-00040	60056	Co-60	0.0032 U	0.016	0.0047	0.028	0.00 - 0.50
6-00040	60056	Cs-134	-0.0003 U	0.0136	0.0047	0.0864	0.00 - 0.50
6-00040	60056	Cs-137	0.0264	0.0145	0.006	0.207	0.00 - 0.50
6-00040	60056	Eu-152	-0.0296 UJ	0.0397	0.0143	0.0566	0.00 - 0.50
6-00040	60056	Eu-154	-0.0127 U	0.0883	0.0263	0.15	0.00 - 0.50
6-00040	60056	Eu-155	0.0769 JS	0.0617	0.0257	0.231	0.00 - 0.50
6-00040	60056	H-3	3.3 U	8.3	2.48	11.9	0.00 - 0.50
6-00040	60056	Ho-166m	0.008 U	0.0233	0.0072	0.0432	0.00 - 0.50
6-00040	60056	K-40	22.3	0.0958	1.25	32.4	0.00 - 0.50
6-00040	60056	Na-22	0.0037 U	0.0198	0.0059	0.037	0.00 - 0.50
6-00040	60056	Nb-94	0.0043 U	0.0138	0.0042	0.0214	0.00 - 0.50
6-00040	60056	Ni-59	-0.0003 U	4.46	1.12	5.96	0.00 - 0.50
6-00040	60056	Ni-63	0.0715 U	1.22	0.363	4.92	0.00 - 0.50
6-00040	60056	Np-236	0.004 U	0.0314	0.01	0.047	0.00 - 0.50
6-00040	60056	Np-239	-0.0406 U	0.113	0.037	0.139	0.00 - 0.50
6-00040	60056	Pa-231	0.0534 U	0.685	0.206	0.936	0.00 - 0.50
6-00040	60056	Pb-212	1.37	0.0302	0.0804	2.69	0.00 - 0.50
6-00040	60056	Pb-214	0.94	0.0287	0.0442	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00040	60056	Pu-236	0.0026 U	0.0279	0.0066	7.79	0.00 - 0.50
6-00040	60056	Pu-238	0.0163	0.0335	0.0104	0.0415	0.00 - 0.50
6-00040	60056	Pu-239/240	0	0.0078	0.0029	0.0404	0.00 - 0.50
6-00040	60056	Pu-244	0.0029	0.0078	0.0029	0.0313	0.00 - 0.50
6-00040	60056	Sb-125	0.0048 U	0.0396	0.0117	0.354	0.00 - 0.50
6-00040	60056	Sn-126	0.0038 U	0.0148	0.0045	0.0237	0.00 - 0.50
6-00040	60056	Sr-90	0.152 U	0.377	0.114	0.485	0.00 - 0.50
6-00040	60056	Tc-99	-0.0973 U	1.65	0.485	1.63	0.00 - 0.50
6-00040	60056	Th-228	1.45	0.0716	0.135	3.98	0.00 - 0.50
6-00040	60056	Th-229	0.0205 U	0.0636	0.0181	0.145	0.00 - 0.50
6-00040	60056	Th-230	0.867	0.0503	0.0919	2.2	0.00 - 0.50
6-00040	60056	Th-232	1.27	0.0501	0.118	3.1	0.00 - 0.50
6-00040	60056	Th-234	1.76	0.237	0.166	3.19	0.00 - 0.50
6-00040	60056	Tl-208	0.422	0.0145	0.0242	0.937	0.00 - 0.50
6-00040	60056	Tm-171	-0.839 U	11.3	3.77	72.4	0.00 - 0.50
6-00040	60056	U-233/234	1	0.0147	0.104	2.02	0.00 - 0.50
6-00040	60056	U-235/236	0.0489	0.0428	0.0199	0.151	0.00 - 0.50
6-00040	60056	U-238	0.983	0.0147	0.103	1.8	0.00 - 0.50
6-00040	60057	Ac-227	0.0275 U	0.252	0.0743	0.217	1.00 - 5.00
6-00040	60057	Ac-228	1.16	0.107	0.0614	2.4	1.00 - 5.00
6-00040	60057	Am-241	0	0.0058	0.0021	0.0454	1.00 - 5.00
6-00040	60057	Bi-212	0.753 J	0.214	0.194	2.15	1.00 - 5.00
6-00040	60057	Bi-214	0.788	0.034	0.0451	1.59	1.00 - 5.00
6-00040	60057	C-14	0.246 U	0.685	0.207	2.96	1.00 - 5.00
6-00040	60057	Cd-113m	-78.3 U	168	61.6	3030	1.00 - 5.00
6-00040	60057	Cm-243/244	0.0018 U	0.0194	0.0046	0.0443	1.00 - 5.00
6-00040	60057	Co-60	-0.0024 U	0.0206	0.0061	0.028	1.00 - 5.00
6-00040	60057	Cs-134	0.109 JS	0.0255	0.0268	0.0864	1.00 - 5.00
6-00040	60057	Cs-137	0.0097 U	0.0209	0.0065	0.207	1.00 - 5.00
6-00040	60057	Eu-152	0.0386 J	0.059	0.0345	0.0566	1.00 - 5.00
6-00040	60057	Eu-154	-0.0464 U	0.111	0.0358	0.15	1.00 - 5.00
6-00040	60057	Eu-155	0.047 U	0.0964	0.0312	0.231	1.00 - 5.00
6-00040	60057	H-3	4.49	7.75	2.42	11.9	1.00 - 5.00
6-00040	60057	Ho-166m	0.0092 U	0.0306	0.0092	0.0432	1.00 - 5.00
6-00040	60057	K-40	19.9	0.146	1.3	32.4	1.00 - 5.00
6-00040	60057	Na-22	-0.0182 UJ	0.0227	0.0082	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00040	60057	Nb-94	0.0009 U	0.0177	0.0053	0.0214	1.00 - 5.00
6-00040	60057	Ni-59	1.14 UJ	5.06	1.23	5.96	1.00 - 5.00
6-00040	60057	Ni-63	1.27	1.37	0.442	4.92	1.00 - 5.00
6-00040	60057	Np-236	-0.0203 U	0.0504	0.0162	0.047	1.00 - 5.00
6-00040	60057	Np-239	-0.059 U	0.17	0.057	0.139	1.00 - 5.00
6-00040	60057	Pa-231	-0.527 U	1.03	0.384	0.936	1.00 - 5.00
6-00040	60057	Pb-212	1.4	0.0434	0.101	2.69	1.00 - 5.00
6-00040	60057	Pb-214	0.904	0.0422	0.0508	1.7	1.00 - 5.00
6-00040	60057	Pu-236	-0.0058 U	0.0309	0.0054	7.79	1.00 - 5.00
6-00040	60057	Pu-238	-0.0034 U	0.0268	0.0047	0.0415	1.00 - 5.00
6-00040	60057	Pu-239/240	0.0025 U	0.0268	0.0063	0.0404	1.00 - 5.00
6-00040	60057	Pu-244	0	0.008	0.003	0.0313	1.00 - 5.00
6-00040	60057	Sb-125	-0.0129 U	0.0533	0.0162	0.354	1.00 - 5.00
6-00040	60057	Sn-126	0.0004 U	0.0201	0.006	0.0237	1.00 - 5.00
6-00040	60057	Sr-90	-0.0534 U	0.189	0.0445	0.485	1.00 - 5.00
6-00040	60057	Tc-99	0.333 U	1.32	0.397	1.63	1.00 - 5.00
6-00040	60057	Th-228	1.11	0.0604	0.117	3.98	1.00 - 5.00
6-00040	60057	Th-229	0.023	0.0565	0.0172	0.145	1.00 - 5.00
6-00040	60057	Th-230	0.789	0.0208	0.091	2.2	1.00 - 5.00
6-00040	60057	Th-232	0.817	0.0562	0.0936	3.1	1.00 - 5.00
6-00040	60057	Th-234	0.635 J	0.491	0.238	3.19	1.00 - 5.00
6-00040	60057	Tl-208	0.43	0.0201	0.0258	0.937	1.00 - 5.00
6-00040	60057	Tm-171	8.85 U	25.6	8.38	72.4	1.00 - 5.00
6-00040	60057	U-233/234	0.857	0.0682	0.101	2.02	1.00 - 5.00
6-00040	60057	U-235/236	0.0779	0.0535	0.0279	0.151	1.00 - 5.00
6-00040	60057	U-238	0.829	0.0184	0.0976	1.8	1.00 - 5.00
6-00041	60058	Ac-227	0.0985 J	0.154	0.0513	0.217	1.00 - 4.00
6-00041	60058	Ac-228	0.935	0.0815	0.0473	2.4	1.00 - 4.00
6-00041	60058	Am-241	0.0059 U	0.0266	0.0072	0.0454	1.00 - 4.00
6-00041	60058	Bi-212	0.722	0.1	0.0628	2.15	1.00 - 4.00
6-00041	60058	Bi-214	0.671	0.0224	0.0344	1.59	1.00 - 4.00
6-00041	60058	Cd-113m	59.9 J	101	35.3	3030	1.00 - 4.00
6-00041	60058	Cm-243/244	-0.0142 U	0.0415	0.0088	0.0443	1.00 - 4.00
6-00041	60058	Co-60	-0.0004 U	0.0143	0.0043	0.028	1.00 - 4.00
6-00041	60058	Cs-134	-0.0011 U	0.0117	0.0041	0.0864	1.00 - 4.00
6-00041	60058	Cs-137	0.0162	0.0135	0.0043	0.207	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00041	60058	Eu-152	-0.0047 U	0.0369	0.0119	0.0566	1.00 - 4.00
6-00041	60058	Eu-154	-0.0476 U	0.0779	0.0262	0.15	1.00 - 4.00
6-00041	60058	Eu-155	0.0393 JS	0.0536	0.0181	0.231	1.00 - 4.00
6-00041	60058	Ho-166m	0.0021 U	0.0213	0.0064	0.0432	1.00 - 4.00
6-00041	60058	K-40	22.2	0.107	1.34	32.4	1.00 - 4.00
6-00041	60058	Na-22	0.0029 U	0.0179	0.0053	0.037	1.00 - 4.00
6-00041	60058	Nb-94	-0.0013 U	0.012	0.0036	0.0214	1.00 - 4.00
6-00041	60058	Np-236	0.0029 U	0.0291	0.0086	0.047	1.00 - 4.00
6-00041	60058	Np-239	0.0081 U	0.103	0.031	0.139	1.00 - 4.00
6-00041	60058	Pa-231	-0.0938 U	0.639	0.204	0.936	1.00 - 4.00
6-00041	60058	Pb-212	1.07	0.0261	0.0669	2.69	1.00 - 4.00
6-00041	60058	Pb-214	0.764	0.0256	0.0393	1.7	1.00 - 4.00
6-00041	60058	Pu-236	-0.008 U	0.028	0.0049	7.79	1.00 - 4.00
6-00041	60058	Pu-238	-0.0004 U	0.0242	0.0051	0.0415	1.00 - 4.00
6-00041	60058	Pu-239/240	-0.0004 U	0.0242	0.0051	0.0404	1.00 - 4.00
6-00041	60058	Pu-244	0	0.0073	0.0027	0.0313	1.00 - 4.00
6-00041	60058	Sb-125	0.0135 U	0.0351	0.0106	0.354	1.00 - 4.00
6-00041	60058	Sn-126	-0.0028 U	0.0135	0.0041	0.0237	1.00 - 4.00
6-00041	60058	Sr-90	0.167	0.254	0.0837	0.485	1.00 - 4.00
6-00041	60058	Th-228	1.05	0.0797	0.108	3.98	1.00 - 4.00
6-00041	60058	Th-229	0.0418	0.0647	0.0222	0.145	1.00 - 4.00
6-00041	60058	Th-230	0.959	0.104	0.102	2.2	1.00 - 4.00
6-00041	60058	Th-232	0.984	0.0188	0.0998	3.1	1.00 - 4.00
6-00041	60058	Th-234	1.34	0.222	0.127	3.19	1.00 - 4.00
6-00041	60058	Tl-208	0.337	0.0128	0.0199	0.937	1.00 - 4.00
6-00041	60058	Tm-171	-7.15 U	9.01	3.63	72.4	1.00 - 4.00
6-00041	60058	U-233/234	0.76	0.0767	0.0975	2.02	1.00 - 4.00
6-00041	60058	U-235/236	0.0594	0.0602	0.0263	0.151	1.00 - 4.00
6-00041	60058	U-238	0.698	0.0487	0.091	1.8	1.00 - 4.00
6-00042	60059	Ac-227	-0.0111 U	0.13	0.039	0.217	1.00 - 3.50
6-00042	60059	Ac-228	1.22	0.0663	0.0559	2.4	1.00 - 3.50
6-00042	60059	Am-241	0.003 U	0.0204	0.0048	0.0454	1.00 - 3.50
6-00042	60059	Bi-212	0.904	0.0874	0.0649	2.15	1.00 - 3.50
6-00042	60059	Bi-214	0.888	0.0196	0.0398	1.59	1.00 - 3.50
6-00042	60059	Cd-113m	-67.1 UJ	85.6	31.4	3030	1.00 - 3.50
6-00042	60059	Cm-243/244	0.0091	0.0206	0.0065	0.0443	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00042	60059	Co-60	0.0013 U	0.0121	0.0036	0.028	1.00 - 3.50
6-00042	60059	Cs-134	-0.0058 U	0.0099	0.0037	0.0864	1.00 - 3.50
6-00042	60059	Cs-137	0.0056 U	0.0124	0.0043	0.207	1.00 - 3.50
6-00042	60059	Eu-152	-0.0228 UJ	0.0314	0.0118	0.0566	1.00 - 3.50
6-00042	60059	Eu-154	0.0023 U	0.0673	0.0232	0.15	1.00 - 3.50
6-00042	60059	Eu-155	0.0568 SJ	0.0467	0.017	0.231	1.00 - 3.50
6-00042	60059	Ho-166m	-0.0056 U	0.0179	0.0055	0.0432	1.00 - 3.50
6-00042	60059	K-40	25.7	0.0776	1.45	32.4	1.00 - 3.50
6-00042	60059	Na-22	0.0035 U	0.0144	0.0044	0.037	1.00 - 3.50
6-00042	60059	Nb-94	0.0065 SJ	0.0105	0.0034	0.0214	1.00 - 3.50
6-00042	60059	Np-236	-0.0204 UJ	0.0249	0.0097	0.047	1.00 - 3.50
6-00042	60059	Np-239	-0.0123 U	0.088	0.0265	0.139	1.00 - 3.50
6-00042	60059	Pa-231	-0.186 U	0.534	0.18	0.936	1.00 - 3.50
6-00042	60059	Pb-212	1.37	0.0228	0.0854	2.69	1.00 - 3.50
6-00042	60059	Pb-214	0.983	0.0225	0.0475	1.7	1.00 - 3.50
6-00042	60059	Pu-236	-0.0027 U	0.0429	0.0103	7.79	1.00 - 3.50
6-00042	60059	Pu-238	0.0049 U	0.0492	0.0132	0.0415	1.00 - 3.50
6-00042	60059	Pu-239/240	0.0043 U	0.0218	0.0056	0.0404	1.00 - 3.50
6-00042	60059	Pu-244	0.011	0.0075	0.0056	0.0313	1.00 - 3.50
6-00042	60059	Sb-125	0.0197 SJ	0.0307	0.0103	0.354	1.00 - 3.50
6-00042	60059	Sn-126	0.0033 U	0.0118	0.0035	0.0237	1.00 - 3.50
6-00042	60059	Sr-90	0.0537 U	0.118	0.036	0.485	1.00 - 3.50
6-00042	60059	Th-228	1.17	0.0762	0.107	3.98	1.00 - 3.50
6-00042	60059	Th-229	0.0109 U	0.0588	0.0155	0.145	1.00 - 3.50
6-00042	60059	Th-230	0.823	0.0506	0.0821	2.2	1.00 - 3.50
6-00042	60059	Th-232	1.22	0.0147	0.106	3.1	1.00 - 3.50
6-00042	60059	Th-234	1.29	0.196	0.118	3.19	1.00 - 3.50
6-00042	60059	Tl-208	0.427	0.0115	0.0232	0.937	1.00 - 3.50
6-00042	60059	Tm-171	-10.8 UJ	8.35	3.94	72.4	1.00 - 3.50
6-00042	60059	U-233/234	0.844	0.0653	0.0922	2.02	1.00 - 3.50
6-00042	60059	U-235/236	0.039	0.0176	0.0162	0.151	1.00 - 3.50
6-00042	60059	U-238	0.78	0.0528	0.0866	1.8	1.00 - 3.50
6-00043	60060	Ac-227	-0.0115 U	0.167	0.0496	0.217	0.00 - 0.50
6-00043	60060	Ac-228	1.31	0.093	0.0626	2.4	0.00 - 0.50
6-00043	60060	Am-241	0.0023 U	0.0212	0.0051	0.0454	0.00 - 0.50
6-00043	60060	Bi-212	0.9	0.121	0.075	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00043	60060	Bi-214	0.931	0.0274	0.0439	1.59	0.00 - 0.50
6-00043	60060	Cd-113m	26 U	113	35.1	3030	0.00 - 0.50
6-00043	60060	Cm-243/244	0.0069	0.0062	0.004	0.0443	0.00 - 0.50
6-00043	60060	Co-60	-0.0078 U	0.0167	0.0055	0.028	0.00 - 0.50
6-00043	60060	Cs-134	0.0026 U	0.0144	0.0049	0.0864	0.00 - 0.50
6-00043	60060	Cs-137	0.0371	0.0162	0.0066	0.207	0.00 - 0.50
6-00043	60060	Eu-152	-0.0122 U	0.0419	0.0141	0.0566	0.00 - 0.50
6-00043	60060	Eu-154	-0.015 U	0.0973	0.0288	0.15	0.00 - 0.50
6-00043	60060	Eu-155	0.107 JS	0.0587	0.0252	0.231	0.00 - 0.50
6-00043	60060	Ho-166m	0.0025 U	0.0246	0.0073	0.0432	0.00 - 0.50
6-00043	60060	K-40	27.7	0.126	1.65	32.4	0.00 - 0.50
6-00043	60060	Na-22	0.0056 U	0.021	0.0063	0.037	0.00 - 0.50
6-00043	60060	Nb-94	0.0012 U	0.0141	0.0042	0.0214	0.00 - 0.50
6-00043	60060	Np-236	0.0105 U	0.0319	0.01	0.047	0.00 - 0.50
6-00043	60060	Np-239	0.0219 U	0.111	0.033	0.139	0.00 - 0.50
6-00043	60060	Pa-231	0.083 U	0.694	0.214	0.936	0.00 - 0.50
6-00043	60060	Pb-212	1.49	0.0291	0.0991	2.69	0.00 - 0.50
6-00043	60060	Pb-214	1.03	0.0299	0.0533	1.7	0.00 - 0.50
6-00043	60060	Pu-236	-0.0014 U	0.013	0.0024	7.79	0.00 - 0.50
6-00043	60060	Pu-238	-0.0027 U	0.0159	0.0033	0.0415	0.00 - 0.50
6-00043	60060	Pu-239/240	0.0027 U	0.0123	0.0033	0.0404	0.00 - 0.50
6-00043	60060	Pu-244	0.004	0.0036	0.0023	0.0313	0.00 - 0.50
6-00043	60060	Sb-125	0.0012 U	0.0398	0.0121	0.354	0.00 - 0.50
6-00043	60060	Sn-126	0.0007 U	0.0158	0.0047	0.0237	0.00 - 0.50
6-00043	60060	Sr-90	0.108	0.115	0.0406	0.485	0.00 - 0.50
6-00043	60060	Th-228	1.15	0.137	0.128	3.98	0.00 - 0.50
6-00043	60060	Th-229	-0.0254 U	0.12	0.0254	0.145	0.00 - 0.50
6-00043	60060	Th-230	0.862	0.0229	0.1	2.2	0.00 - 0.50
6-00043	60060	Th-232	1.15	0.0228	0.121	3.1	0.00 - 0.50
6-00043	60060	Th-234	1.64	0.258	0.154	3.19	0.00 - 0.50
6-00043	60060	Tl-208	0.457	0.0156	0.0257	0.937	0.00 - 0.50
6-00043	60060	Tm-171	3.07 U	13.6	4.55	72.4	0.00 - 0.50
6-00043	60060	U-233/234	0.637	0.0579	0.0849	2.02	0.00 - 0.50
6-00043	60060	U-235/236	0.0479	0.0578	0.0234	0.151	0.00 - 0.50
6-00043	60060	U-238	0.756	0.0199	0.0945	1.8	0.00 - 0.50
6-00044	60062	Ac-227	-0.049 U	0.114	0.0374	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00044	60062	Ac-228	1.03	0.0613	0.0469	2.4	0.00 - 0.50
6-00044	60062	Am-241	0.0055 U	0.017	0.0049	0.0454	0.00 - 0.50
6-00044	60062	Bi-212	0.719	0.0787	0.0531	2.15	0.00 - 0.50
6-00044	60062	Bi-214	0.72	0.0182	0.0331	1.59	0.00 - 0.50
6-00044	60062	Cd-113m	-1.31 U	76.5	23.6	3030	0.00 - 0.50
6-00044	60062	Cm-243/244	0.017	0.0311	0.0098	0.0443	0.00 - 0.50
6-00044	60062	Co-60	-0.0022 U	0.0113	0.0035	0.028	0.00 - 0.50
6-00044	60062	Cs-134	-0.003 U	0.009	0.0032	0.0864	0.00 - 0.50
6-00044	60062	Cs-137	0.12	0.0105	0.008	0.207	0.00 - 0.50
6-00044	60062	Eu-152	-0.0082 U	0.0285	0.0086	0.0566	0.00 - 0.50
6-00044	60062	Eu-154	-0.0497 UJ	0.061	0.0222	0.15	0.00 - 0.50
6-00044	60062	Eu-155	0.0504 JS	0.0403	0.0147	0.231	0.00 - 0.50
6-00044	60062	Ho-166m	-0.003 U	0.0164	0.0051	0.0432	0.00 - 0.50
6-00044	60062	K-40	22	0.0799	1.24	32.4	0.00 - 0.50
6-00044	60062	Na-22	-0.0025 U	0.0138	0.0049	0.037	0.00 - 0.50
6-00044	60062	Nb-94	0.0067 JS	0.0097	0.0033	0.0214	0.00 - 0.50
6-00044	60062	Np-236	-0.0184 UJ	0.0215	0.0078	0.047	0.00 - 0.50
6-00044	60062	Np-239	0.0083 U	0.0775	0.0237	0.139	0.00 - 0.50
6-00044	60062	Pa-231	-0.174 U	0.473	0.154	0.936	0.00 - 0.50
6-00044	60062	Pb-212	1.15	0.0208	0.0681	2.69	0.00 - 0.50
6-00044	60062	Pb-214	0.784	0.0202	0.0369	1.7	0.00 - 0.50
6-00044	60062	Pu-236	-0.0015 U	0.0176	0.0039	7.79	0.00 - 0.50
6-00044	60062	Pu-238	0.0028 U	0.0129	0.0034	0.0415	0.00 - 0.50
6-00044	60062	Pu-239/240	0.0014 U	0.0166	0.0042	0.0404	0.00 - 0.50
6-00044	60062	Pu-244	0.0028	0.0038	0.002	0.0313	0.00 - 0.50
6-00044	60062	Sb-125	-0.0015 U	0.0264	0.0078	0.354	0.00 - 0.50
6-00044	60062	Sn-126	0.002 U	0.0105	0.0032	0.0237	0.00 - 0.50
6-00044	60062	Sr-90	0.052 U	0.157	0.0465	0.485	0.00 - 0.50
6-00044	60062	Th-228	0.795	0.129	0.103	3.98	0.00 - 0.50
6-00044	60062	Th-229	-0.0171 U	0.112	0.0242	0.145	0.00 - 0.50
6-00044	60062	Th-230	0.699	0.0792	0.0897	2.2	0.00 - 0.50
6-00044	60062	Th-232	0.969	0.0626	0.109	3.1	0.00 - 0.50
6-00044	60062	Th-234	1.03	0.172	0.1	3.19	0.00 - 0.50
6-00044	60062	Tl-208	0.369	0.0101	0.0199	0.937	0.00 - 0.50
6-00044	60062	Tm-171	-3.08 U	7.98	2.89	72.4	0.00 - 0.50
6-00044	60062	U-233/234	0.605	0.0564	0.0745	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00044	60062	U-235/236	0.0278	0.0188	0.0141	0.151	0.00 - 0.50
6-00044	60062	U-238	0.661	0.0444	0.0785	1.8	0.00 - 0.50
6-00044	60063	Ac-227	-0.0335 U	0.132	0.0416	0.217	1.00 - 3.80
6-00044	60063	Ac-228	1.24	0.0718	0.0566	2.4	1.00 - 3.80
6-00044	60063	Am-241	0.0082	0.0056	0.0041	0.0454	1.00 - 3.80
6-00044	60063	Bi-212	0.888	0.0959	0.0618	2.15	1.00 - 3.80
6-00044	60063	Bi-214	0.884	0.021	0.0403	1.59	1.00 - 3.80
6-00044	60063	Cd-113m	56.9 J	89	30.1	3030	1.00 - 3.80
6-00044	60063	Cm-243/244	0.0053 U	0.0164	0.0047	0.0443	1.00 - 3.80
6-00044	60063	Co-60	-0.0034 U	0.0136	0.0043	0.028	1.00 - 3.80
6-00044	60063	Cs-134	0.003 U	0.0105	0.0036	0.0864	1.00 - 3.80
6-00044	60063	Cs-137	0.0039 U	0.0121	0.0042	0.207	1.00 - 3.80
6-00044	60063	Eu-152	0.0016 UJ	0.0326	0.0102	0.0566	1.00 - 3.80
6-00044	60063	Eu-154	-0.0174 U	0.0709	0.0249	0.15	1.00 - 3.80
6-00044	60063	Eu-155	0.0755 SJ	0.0465	0.0212	0.231	1.00 - 3.80
6-00044	60063	Ho-166m	0.0091 U	0.0193	0.0062	0.0432	1.00 - 3.80
6-00044	60063	K-40	27.7	0.0949	1.56	32.4	1.00 - 3.80
6-00044	60063	Na-22	-0.0007 U	0.0165	0.005	0.037	1.00 - 3.80
6-00044	60063	Nb-94	0.0072 SJ	0.0114	0.0038	0.0214	1.00 - 3.80
6-00044	60063	Np-236	-0.0151 U	0.0246	0.0082	0.047	1.00 - 3.80
6-00044	60063	Np-239	0.0323 U	0.0885	0.0279	0.139	1.00 - 3.80
6-00044	60063	Pa-231	-0.203 U	0.545	0.177	0.936	1.00 - 3.80
6-00044	60063	Pb-212	1.42	0.0231	0.0839	2.69	1.00 - 3.80
6-00044	60063	Pb-214	0.988	0.0227	0.046	1.7	1.00 - 3.80
6-00044	60063	Pu-236	-0.0031 UJ	0.043	0.0105	7.79	1.00 - 3.80
6-00044	60063	Pu-238	-0.0004 UJ	0.0495	0.0129	0.0415	1.00 - 3.80
6-00044	60063	Pu-239/240	-0.0017 UJ	0.0215	0.0039	0.0404	1.00 - 3.80
6-00044	60063	Pu-244	0	0.0069	0.0025	0.0313	1.00 - 3.80
6-00044	60063	Sb-125	0.001 U	0.0302	0.0089	0.354	1.00 - 3.80
6-00044	60063	Sn-126	0.0041 U	0.0123	0.0038	0.0237	1.00 - 3.80
6-00044	60063	Sr-90	-0.0518 U	0.144	0.0345	0.485	1.00 - 3.80
6-00044	60063	Th-228	1.22	0.119	0.118	3.98	1.00 - 3.80
6-00044	60063	Th-229	0.0246	0.0453	0.0151	0.145	1.00 - 3.80
6-00044	60063	Th-230	0.816	0.0166	0.0852	2.2	1.00 - 3.80
6-00044	60063	Th-232	1.14	0.0166	0.107	3.1	1.00 - 3.80
6-00044	60063	Th-234	1.52	0.196	0.132	3.19	1.00 - 3.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00044	60063	Tl-208	0.45	0.0117	0.0244	0.937	1.00 - 3.80
6-00044	60063	Tm-171	-1.05 U	9.33	3.25	72.4	1.00 - 3.80
6-00044	60063	U-233/234	0.866	0.0356	0.0946	2.02	1.00 - 3.80
6-00044	60063	U-235/236	0.0899	0.0187	0.0258	0.151	1.00 - 3.80
6-00044	60063	U-238	0.908	0.0356	0.0979	1.8	1.00 - 3.80
6-00045	60065	Ac-227	-0.0481 U	0.194	0.0593	0.217	1.00 - 5.00
6-00045	60065	Ac-228	1.55	0.0928	0.0734	2.4	1.00 - 5.00
6-00045	60065	Am-241	0.0168 UJ	0.0593	0.0168	0.0454	1.00 - 5.00
6-00045	60065	Bi-212	1.22	0.131	0.096	2.15	1.00 - 5.00
6-00045	60065	Bi-214	1.14	0.0295	0.0529	1.59	1.00 - 5.00
6-00045	60065	C-14	-0.349 U	0.936	0.27	2.96	1.00 - 5.00
6-00045	60065	Cd-113m	35 U	131	40.8	3030	1.00 - 5.00
6-00045	60065	Cm-243/244	0.0085 UJ	0.0508	0.0134	0.0443	1.00 - 5.00
6-00045	60065	Co-60	-0.0091 U	0.0148	0.0051	0.028	1.00 - 5.00
6-00045	60065	Cs-134	0.0058 U	0.0146	0.0049	0.0864	1.00 - 5.00
6-00045	60065	Cs-137	0.475	0.0181	0.0281	0.207	1.00 - 5.00
6-00045	60065	Eu-152	-0.0173 U	0.0492	0.0168	0.0566	1.00 - 5.00
6-00045	60065	Eu-154	-0.0374 U	0.0912	0.0335	0.15	1.00 - 5.00
6-00045	60065	Eu-155	0.0909 J	0.0681	0.0276	0.231	1.00 - 5.00
6-00045	60065	H-3	3.53	7.1	2.17	11.9	1.00 - 5.00
6-00045	60065	Ho-166m	-0.0014 U	0.0262	0.0077	0.0432	1.00 - 5.00
6-00045	60065	K-40	18.7	0.121	1.08	32.4	1.00 - 5.00
6-00045	60065	Na-22	-0.0013 U	0.0188	0.0057	0.037	1.00 - 5.00
6-00045	60065	Nb-94	0.012 J	0.0155	0.0052	0.0214	1.00 - 5.00
6-00045	60065	Ni-59	-1.68 UJ	5.33	1.55	5.96	1.00 - 5.00
6-00045	60065	Ni-63	0.647	1.23	0.38	4.92	1.00 - 5.00
6-00045	60065	Np-236	0.0003 U	0.0375	0.0117	0.047	1.00 - 5.00
6-00045	60065	Np-239	-0.0308 U	0.131	0.0398	0.139	1.00 - 5.00
6-00045	60065	Pa-231	-0.121 U	0.819	0.248	0.936	1.00 - 5.00
6-00045	60065	Pb-212	1.78	0.0349	0.112	2.69	1.00 - 5.00
6-00045	60065	Pb-214	1.3	0.035	0.0633	1.7	1.00 - 5.00
6-00045	60065	Pu-236	0.0025 UJ	0.0454	0.0115	7.79	1.00 - 5.00
6-00045	60065	Pu-238	0.0007 UJ	0.0399	0.0097	0.0415	1.00 - 5.00
6-00045	60065	Pu-239/240	0.02	0.024	0.0092	0.0404	1.00 - 5.00
6-00045	60065	Pu-244	0.0056 UJ	0.0276	0.0072	0.0313	1.00 - 5.00
6-00045	60065	Sb-125	0 U	0.0462	0.014	0.354	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00045	60065	Sn-126	0.0005 UJ	0.017	0.005	0.0237	1.00 - 5.00
6-00045	60065	Sr-90	0.0933 U	0.367	0.107	0.485	1.00 - 5.00
6-00045	60065	Tc-99	0.275 U	1.04	0.307	1.63	1.00 - 5.00
6-00045	60065	Th-228	1.5	0.0586	0.141	3.98	1.00 - 5.00
6-00045	60065	Th-229	0.015 U	0.0807	0.0212	0.145	1.00 - 5.00
6-00045	60065	Th-230	1.23	0.0695	0.121	2.2	1.00 - 5.00
6-00045	60065	Th-232	1.38	0.0549	0.13	3.1	1.00 - 5.00
6-00045	60065	Th-234	2.04	0.303	0.179	3.19	1.00 - 5.00
6-00045	60065	Tl-208	0.576	0.0158	0.0323	0.937	1.00 - 5.00
6-00045	60065	Tm-171	-4.86 U	12.6	4.59	72.4	1.00 - 5.00
6-00045	60065	U-233/234	1.48	0.0542	0.145	2.02	1.00 - 5.00
6-00045	60065	U-235/236	0.074	0.0201	0.0241	0.151	1.00 - 5.00
6-00045	60065	U-238	1.7	0.0162	0.162	1.8	1.00 - 5.00
6-00046	60066	Ac-227	0.0601 U	0.183	0.0571	0.217	0.00 - 0.50
6-00046	60066	Ac-228	1.25	0.0863	0.0589	2.4	0.00 - 0.50
6-00046	60066	Am-241	0.013	0.0132	0.0057	0.0454	0.00 - 0.50
6-00046	60066	Bi-212	0.946	0.132	0.082	2.15	0.00 - 0.50
6-00046	60066	Bi-214	1.05	0.0285	0.0484	1.59	0.00 - 0.50
6-00046	60066	C-14	0.0809 U	0.68	0.203	2.96	0.00 - 0.50
6-00046	60066	Cd-113m	-15.6 U	116	35.9	3030	0.00 - 0.50
6-00046	60066	Cm-243/244	0.011	0.0133	0.0054	0.0443	0.00 - 0.50
6-00046	60066	Co-60	0.0036 U	0.0177	0.0052	0.028	0.00 - 0.50
6-00046	60066	Cs-134	0.0051 U	0.015	0.0052	0.0864	0.00 - 0.50
6-00046	60066	Cs-137	0.02	0.015	0.0072	0.207	0.00 - 0.50
6-00046	60066	Eu-152	-0.0299 UJ	0.0428	0.0146	0.0566	0.00 - 0.50
6-00046	60066	Eu-154	-0.101 UJ	0.0917	0.0375	0.15	0.00 - 0.50
6-00046	60066	Eu-155	0.0608 JS	0.0633	0.0227	0.231	0.00 - 0.50
6-00046	60066	H-3	0.357 U	8.39	2.33	11.9	0.00 - 0.50
6-00046	60066	Ho-166m	-0.0101 U	0.0241	0.0079	0.0432	0.00 - 0.50
6-00046	60066	K-40	22.8	0.136	1.29	32.4	0.00 - 0.50
6-00046	60066	Na-22	-0.0155 UJ	0.0207	0.0075	0.037	0.00 - 0.50
6-00046	60066	Nb-94	0.0029 U	0.0141	0.0043	0.0214	0.00 - 0.50
6-00046	60066	Ni-59	-0.456 U	4	1.04	5.96	0.00 - 0.50
6-00046	60066	Ni-63	0.0533 U	1.13	0.337	4.92	0.00 - 0.50
6-00046	60066	Np-236	-0.0091 U	0.0334	0.0101	0.047	0.00 - 0.50
6-00046	60066	Np-239	-0.0292 U	0.116	0.0363	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00046	60066	Pa-231	0.164 U	0.724	0.224	0.936	0.00 - 0.50
6-00046	60066	Pb-212	1.4	0.0336	0.0841	2.69	0.00 - 0.50
6-00046	60066	Pb-214	1.16	0.0309	0.0542	1.7	0.00 - 0.50
6-00046	60066	Pu-236	0.01 U	0.0316	0.009	7.79	0.00 - 0.50
6-00046	60066	Pu-238	0.0078 U	0.0374	0.0103	0.0415	0.00 - 0.50
6-00046	60066	Pu-239/240	0.005	0.0068	0.0036	0.0404	0.00 - 0.50
6-00046	60066	Pu-244	0.0007 U	0.016	0.0031	0.0313	0.00 - 0.50
6-00046	60066	Sb-125	0.003 U	0.0421	0.0123	0.354	0.00 - 0.50
6-00046	60066	Sn-126	-0.0049 U	0.0155	0.0049	0.0237	0.00 - 0.50
6-00046	60066	Sr-90	-0.0929 U	0.293	0.0675	0.485	0.00 - 0.50
6-00046	60066	Tc-99	-0.202 U	1.53	0.449	1.63	0.00 - 0.50
6-00046	60066	Th-228	1.28	0.0986	0.135	3.98	0.00 - 0.50
6-00046	60066	Th-229	0.0569	0.022	0.0218	0.145	0.00 - 0.50
6-00046	60066	Th-230	1.07	0.0597	0.114	2.2	0.00 - 0.50
6-00046	60066	Th-232	1.08	0.0596	0.115	3.1	0.00 - 0.50
6-00046	60066	Th-234	1.62	0.261	0.158	3.19	0.00 - 0.50
6-00046	60066	Tl-208	0.436	0.0167	0.0248	0.937	0.00 - 0.50
6-00046	60066	Tm-171	-3.46 U	12.8	4.53	72.4	0.00 - 0.50
6-00046	60066	U-233/234	0.994	0.0478	0.103	2.02	0.00 - 0.50
6-00046	60066	U-235/236	0.0261	0.0177	0.0132	0.151	0.00 - 0.50
6-00046	60066	U-238	1.12	0.0143	0.113	1.8	0.00 - 0.50
6-00047	60068	Ac-227	-0.039 U	0.184	0.0577	0.217	0.00 - 0.50
6-00047	60068	Ac-228	1.17	0.116	0.0573	2.4	0.00 - 0.50
6-00047	60068	Am-241	0.0115	0.0138	0.0056	0.0454	0.00 - 0.50
6-00047	60068	Bi-212	0.786 J	0.165	0.0898	2.15	0.00 - 0.50
6-00047	60068	Bi-214	0.926	0.0336	0.0471	1.59	0.00 - 0.50
6-00047	60068	C-14	-0.0518 U	0.68	0.202	2.96	0.00 - 0.50
6-00047	60068	Cd-113m	-45.7 U	122	39.8	3030	0.00 - 0.50
6-00047	60068	Cm-243/244	0.0072	0.014	0.0047	0.0443	0.00 - 0.50
6-00047	60068	Co-60	0.0066 U	0.023	0.0066	0.028	0.00 - 0.50
6-00047	60068	Cs-134	0.0128 JS	0.0183	0.0067	0.0864	0.00 - 0.50
6-00047	60068	Cs-137	0.0864	0.0223	0.0099	0.207	0.00 - 0.50
6-00047	60068	Eu-152	-0.0176 U	0.0491	0.0151	0.0566	0.00 - 0.50
6-00047	60068	Eu-154	-0.0085 U	0.124	0.0367	0.15	0.00 - 0.50
6-00047	60068	Eu-155	0.0499 JS	0.0534	0.0217	0.231	0.00 - 0.50
6-00047	60068	H-3	1.82 U	8.01	2.31	11.9	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00047	60068	Ho-166m	0.0011 U	0.0312	0.0089	0.0432	0.00 - 0.50
6-00047	60068	K-40	20.8	0.172	1.15	32.4	0.00 - 0.50
6-00047	60068	Na-22	-0.0051 U	0.0263	0.0078	0.037	0.00 - 0.50
6-00047	60068	Nb-94	0.0028 U	0.0182	0.0052	0.0214	0.00 - 0.50
6-00047	60068	Ni-59	-1.01 U	4.02	1.12	5.96	0.00 - 0.50
6-00047	60068	Ni-63	-0.0149 U	0.0618	0.0183	4.92	0.00 - 0.50
6-00047	60068	Np-236	-0.0118 U	0.0289	0.009	0.047	0.00 - 0.50
6-00047	60068	Np-239	-0.0434 U	0.12	0.0384	0.139	0.00 - 0.50
6-00047	60068	Pa-231	0.879 J	0.801	0.322	0.936	0.00 - 0.50
6-00047	60068	Pb-212	1.29	0.0327	0.0732	2.69	0.00 - 0.50
6-00047	60068	Pb-214	0.947	0.0351	0.0443	1.7	0.00 - 0.50
6-00047	60068	Pu-236	-0.0028 U	0.0318	0.0064	7.79	0.00 - 0.50
6-00047	60068	Pu-238	0.0038 U	0.0188	0.0047	0.0415	0.00 - 0.50
6-00047	60068	Pu-239/240	0.0088	0.008	0.0051	0.0404	0.00 - 0.50
6-00047	60068	Pu-244	0.0097	0.0188	0.0063	0.0313	0.00 - 0.50
6-00047	60068	Sb-125	-0.0065 U	0.0495	0.0147	0.354	0.00 - 0.50
6-00047	60068	Sn-126	0.0087 U	0.0211	0.0062	0.0237	0.00 - 0.50
6-00047	60068	Sr-90	0.056 U	0.337	0.0957	0.485	0.00 - 0.50
6-00047	60068	Tc-99	-0.0168 U	1.19	0.355	1.63	0.00 - 0.50
6-00047	60068	Th-228	1.17	0.131	0.134	3.98	0.00 - 0.50
6-00047	60068	Th-229	0.107	0.0241	0.0315	0.145	0.00 - 0.50
6-00047	60068	Th-230	0.851	0.0824	0.103	2.2	0.00 - 0.50
6-00047	60068	Th-232	0.981	0.024	0.111	3.1	0.00 - 0.50
6-00047	60068	Th-234	1.37	0.209	0.122	3.19	0.00 - 0.50
6-00047	60068	Tl-208	0.395	0.0206	0.0245	0.937	0.00 - 0.50
6-00047	60068	Tm-171	-0.214 U	7.19	2.3	72.4	0.00 - 0.50
6-00047	60068	U-233/234	0.853	0.0365	0.0943	2.02	0.00 - 0.50
6-00047	60068	U-235/236	0.0708	0.0192	0.023	0.151	0.00 - 0.50
6-00047	60068	U-238	0.929	0.0155	0.1	1.8	0.00 - 0.50
6-00047	60069	Ac-227	-0.0006 U	0.198	0.0605	0.217	1.00 - 1.80
6-00047	60069	Ac-228	1.25	0.0927	0.0616	2.4	1.00 - 1.80
6-00047	60069	Am-241	0.0145	0.0079	0.0065	0.0454	1.00 - 1.80
6-00047	60069	Bi-212	0.79	0.129	0.0729	2.15	1.00 - 1.80
6-00047	60069	Bi-214	1.03	0.0273	0.0474	1.59	1.00 - 1.80
6-00047	60069	C-14	-0.0832 U	0.997	0.293	2.96	1.00 - 1.80
6-00047	60069	Cd-113m	11.4 U	133	46.5	3030	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00047	60069	Cm-243/244	0.0067	0.0186	0.0055	0.0443	1.00 - 1.80
6-00047	60069	Co-60	0.0025 U	0.0159	0.0046	0.028	1.00 - 1.80
6-00047	60069	Cs-134	-0.0021 U	0.0141	0.0049	0.0864	1.00 - 1.80
6-00047	60069	Cs-137	0.0253	0.0159	0.0063	0.207	1.00 - 1.80
6-00047	60069	Eu-152	-0.0088 UJ	0.0476	0.0206	0.0566	1.00 - 1.80
6-00047	60069	Eu-154	0.0288 U	0.0959	0.0324	0.15	1.00 - 1.80
6-00047	60069	Eu-155	0.0639 JS	0.0709	0.0271	0.231	1.00 - 1.80
6-00047	60069	H-3	0.863 U	7.43	2.07	11.9	1.00 - 1.80
6-00047	60069	Ho-166m	-0.0038 U	0.0245	0.0075	0.0432	1.00 - 1.80
6-00047	60069	K-40	22.1	0.143	1.34	32.4	1.00 - 1.80
6-00047	60069	Na-22	-0.0006 U	0.0192	0.0057	0.037	1.00 - 1.80
6-00047	60069	Nb-94	0.0063 U	0.0147	0.0046	0.0214	1.00 - 1.80
6-00047	60069	Ni-59	-0.293 U	4.78	1.3	5.96	1.00 - 1.80
6-00047	60069	Ni-63	0.172 U	1.01	0.301	4.92	1.00 - 1.80
6-00047	60069	Np-236	-0.009 U	0.0385	0.0127	0.047	1.00 - 1.80
6-00047	60069	Np-239	-0.0171 U	0.135	0.0416	0.139	1.00 - 1.80
6-00047	60069	Pa-231	-0.442 U	0.823	0.287	0.936	1.00 - 1.80
6-00047	60069	Pb-212	1.45	0.0345	0.0889	2.69	1.00 - 1.80
6-00047	60069	Pb-214	1.14	0.0341	0.055	1.7	1.00 - 1.80
6-00047	60069	Pu-236	0.003	0.0081	0.003	7.79	1.00 - 1.80
6-00047	60069	Pu-238	0.0094	0.0182	0.0061	0.0415	1.00 - 1.80
6-00047	60069	Pu-239/240	0.0053 UJ	0.0258	0.0067	0.0404	1.00 - 1.80
6-00047	60069	Pu-244	0.0008 UJ	0.0182	0.0035	0.0313	1.00 - 1.80
6-00047	60069	Sb-125	0.0044 U	0.0436	0.0128	0.354	1.00 - 1.80
6-00047	60069	Sn-126	-0.0027 U	0.0155	0.0047	0.0237	1.00 - 1.80
6-00047	60069	Sr-90	-0.145 U	0.327	0.0794	0.485	1.00 - 1.80
6-00047	60069	Tc-99	0.14 U	0.975	0.283	1.63	1.00 - 1.80
6-00047	60069	Th-228	1.37	0.0957	0.13	3.98	1.00 - 1.80
6-00047	60069	Th-229	0.0069 U	0.0831	0.0207	0.145	1.00 - 1.80
6-00047	60069	Th-230	0.966	0.0508	0.0999	2.2	1.00 - 1.80
6-00047	60069	Th-232	1.17	0.0506	0.113	3.1	1.00 - 1.80
6-00047	60069	Th-234	1.63 J	0.302	0.168	3.19	1.00 - 1.80
6-00047	60069	Tl-208	0.432	0.0158	0.0249	0.937	1.00 - 1.80
6-00047	60069	Tm-171	-2.7 U	15.1	5.11	72.4	1.00 - 1.80
6-00047	60069	U-233/234	0.977	0.057	0.105	2.02	1.00 - 1.80
6-00047	60069	U-235/236	0.0652	0.0448	0.0233	0.151	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00047	60069	U-238	1.01	0.0514	0.107	1.8	1.00 - 1.80
6-00048	60070	Ac-227	0.0839 J	0.157	0.0498	0.217	0.00 - 0.50
6-00048	60070	Ac-228	1.21	0.0747	0.058	2.4	0.00 - 0.50
6-00048	60070	Am-241	0.0039	0.0053	0.0028	0.0454	0.00 - 0.50
6-00048	60070	Bi-212	0.855	0.103	0.0716	2.15	0.00 - 0.50
6-00048	60070	Bi-214	0.974	0.0236	0.0443	1.59	0.00 - 0.50
6-00048	60070	C-14	0.272 U	0.913	0.276	2.96	0.00 - 0.50
6-00048	60070	Cd-113m	-31.4 U	104	36.2	3030	0.00 - 0.50
6-00048	60070	Cm-243/244	0.0031 U	0.0155	0.0039	0.0443	0.00 - 0.50
6-00048	60070	Co-60	-0.0007 U	0.0137	0.0041	0.028	0.00 - 0.50
6-00048	60070	Cs-134	0.0057 U	0.0125	0.0045	0.0864	0.00 - 0.50
6-00048	60070	Cs-137	0.102	0.013	0.0079	0.207	0.00 - 0.50
6-00048	60070	Eu-152	-0.0055 U	0.038	0.0167	0.0566	0.00 - 0.50
6-00048	60070	Eu-154	0.0135 U	0.0746	0.0254	0.15	0.00 - 0.50
6-00048	60070	Eu-155	0.0277 U	0.0558	0.0195	0.231	0.00 - 0.50
6-00048	60070	H-3	1.04 U	7.41	2.11	11.9	0.00 - 0.50
6-00048	60070	Ho-166m	-0.018 UJ	0.0197	0.0075	0.0432	0.00 - 0.50
6-00048	60070	K-40	24.3	0.0938	1.48	32.4	0.00 - 0.50
6-00048	60070	Na-22	-0.0064 U	0.0172	0.0054	0.037	0.00 - 0.50
6-00048	60070	Nb-94	0.006 SJ	0.0119	0.0038	0.0214	0.00 - 0.50
6-00048	60070	Ni-59	0.477 U	4.69	1.25	5.96	0.00 - 0.50
6-00048	60070	Ni-63	-0.109 U	1.17	0.351	4.92	0.00 - 0.50
6-00048	60070	Np-236	-0.0006 U	0.0296	0.0091	0.047	0.00 - 0.50
6-00048	60070	Np-239	-0.039 U	0.104	0.0322	0.139	0.00 - 0.50
6-00048	60070	Pa-231	-0.0591 U	0.648	0.212	0.936	0.00 - 0.50
6-00048	60070	Pb-212	1.4	0.0274	0.0855	2.69	0.00 - 0.50
6-00048	60070	Pb-214	1.12	0.0262	0.0527	1.7	0.00 - 0.50
6-00048	60070	Pu-236	0.0011 U	0.016	0.0035	7.79	0.00 - 0.50
6-00048	60070	Pu-238	-0.0022 U	0.0173	0.0031	0.0415	0.00 - 0.50
6-00048	60070	Pu-239/240	0.0049 U	0.015	0.0043	0.0404	0.00 - 0.50
6-00048	60070	Pu-244	0.0081	0.0121	0.0045	0.0313	0.00 - 0.50
6-00048	60070	Sb-125	-0.0071 U	0.0363	0.011	0.354	0.00 - 0.50
6-00048	60070	Sn-126	0.0138 J	0.0138	0.0052	0.0237	0.00 - 0.50
6-00048	60070	Sr-90	0.117	0.17	0.0558	0.485	0.00 - 0.50
6-00048	60070	Tc-99	0.0614 U	1.46	0.436	1.63	0.00 - 0.50
6-00048	60070	Th-228	1.44	0.0867	0.133	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00048	60070	Th-229	0.0132 U	0.0795	0.0209	0.145	0.00 - 0.50
6-00048	60070	Th-230	0.766	0.0614	0.0848	2.2	0.00 - 0.50
6-00048	60070	Th-232	1.07	0.0485	0.105	3.1	0.00 - 0.50
6-00048	60070	Th-234	1.4	0.233	0.134	3.19	0.00 - 0.50
6-00048	60070	Tl-208	0.438	0.0136	0.0244	0.937	0.00 - 0.50
6-00048	60070	Tm-171	-9.12 UJ	10.3	4.23	72.4	0.00 - 0.50
6-00048	60070	U-233/234	0.821	0.0403	0.0784	2.02	0.00 - 0.50
6-00048	60070	U-235/236	0.058	0.0385	0.018	0.151	0.00 - 0.50
6-00048	60070	U-238	0.848	0.0503	0.0808	1.8	0.00 - 0.50
6-00049	60072	Ac-227	-0.0097 U	0.179	0.0555	0.217	0.00 - 0.50
6-00049	60072	Ac-228	1.36	0.0928	0.0645	2.4	0.00 - 0.50
6-00049	60072	Am-241	-0.0036 U	0.0245	0.0048	0.0454	0.00 - 0.50
6-00049	60072	Bi-212	0.898	0.125	0.0731	2.15	0.00 - 0.50
6-00049	60072	Bi-214	1.08	0.0276	0.0485	1.59	0.00 - 0.50
6-00049	60072	Cd-113m	-6.05 U	120	40.3	3030	0.00 - 0.50
6-00049	60072	Cm-243/244	0.0019 U	0.0205	0.0048	0.0443	0.00 - 0.50
6-00049	60072	Co-60	-0.0122 UJ	0.0165	0.0059	0.028	0.00 - 0.50
6-00049	60072	Cs-134	0.0065 U	0.0142	0.005	0.0864	0.00 - 0.50
6-00049	60072	Cs-137	0.0683	0.0148	0.009	0.207	0.00 - 0.50
6-00049	60072	Eu-152	0.0075 U	0.0439	0.0171	0.0566	0.00 - 0.50
6-00049	60072	Eu-154	-0.0168 U	0.0958	0.0294	0.15	0.00 - 0.50
6-00049	60072	Eu-155	0.0815 SJ	0.0663	0.0229	0.231	0.00 - 0.50
6-00049	60072	Ho-166m	-0.011 U	0.0237	0.0076	0.0432	0.00 - 0.50
6-00049	60072	K-40	28.1	0.119	1.74	32.4	0.00 - 0.50
6-00049	60072	Na-22	-0.0157 UJ	0.0205	0.0073	0.037	0.00 - 0.50
6-00049	60072	Nb-94	0.0017 U	0.0142	0.0042	0.0214	0.00 - 0.50
6-00049	60072	Np-236	-0.0011 U	0.0347	0.0107	0.047	0.00 - 0.50
6-00049	60072	Np-239	-0.0037 U	0.12	0.0369	0.139	0.00 - 0.50
6-00049	60072	Pa-231	-0.0636 U	0.733	0.229	0.936	0.00 - 0.50
6-00049	60072	Pb-212	1.56	0.0311	0.102	2.69	0.00 - 0.50
6-00049	60072	Pb-214	1.16	0.0314	0.0581	1.7	0.00 - 0.50
6-00049	60072	Pu-236	-0.0018 U	0.0156	0.003	7.79	0.00 - 0.50
6-00049	60072	Pu-238	0.0069	0.0062	0.004	0.0415	0.00 - 0.50
6-00049	60072	Pu-239/240	0.0006 U	0.0146	0.0028	0.0404	0.00 - 0.50
6-00049	60072	Pu-244	0.0023	0.0062	0.0023	0.0313	0.00 - 0.50
6-00049	60072	Sb-125	0.0166 U	0.0428	0.0133	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00049	60072	Sn-126	-0.0041 U	0.0155	0.0047	0.0237	0.00 - 0.50
6-00049	60072	Sr-90	0.0731 U	0.199	0.0594	0.485	0.00 - 0.50
6-00049	60072	Th-228	0.954	0.0782	0.0944	3.98	0.00 - 0.50
6-00049	60072	Th-229	0.0329	0.0591	0.0191	0.145	0.00 - 0.50
6-00049	60072	Th-230	0.629	0.0508	0.0694	2.2	0.00 - 0.50
6-00049	60072	Th-232	0.851	0.0148	0.0833	3.1	0.00 - 0.50
6-00049	60072	Th-234	1.69	0.298	0.167	3.19	0.00 - 0.50
6-00049	60072	Tl-208	0.489	0.0156	0.0271	0.937	0.00 - 0.50
6-00049	60072	Tm-171	-1.46 UJ	17.7	5.9	72.4	0.00 - 0.50
6-00049	60072	U-233/234	0.605	0.0436	0.0626	2.02	0.00 - 0.50
6-00049	60072	U-235/236	0.0205	0.0494	0.0149	0.151	0.00 - 0.50
6-00049	60072	U-238	0.655	0.0309	0.0658	1.8	0.00 - 0.50
6-00049	60073	Ac-227	0.0681 U	0.151	0.0486	0.217	1.00 - 3.50
6-00049	60073	Ac-228	1.31	0.0701	0.061	2.4	1.00 - 3.50
6-00049	60073	Am-241	0.0029 U	0.02	0.0047	0.0454	1.00 - 3.50
6-00049	60073	Bi-212	0.913	0.0948	0.0636	2.15	1.00 - 3.50
6-00049	60073	Bi-214	0.932	0.0215	0.0416	1.59	1.00 - 3.50
6-00049	60073	Cd-113m	-23 U	97.8	31.8	3030	1.00 - 3.50
6-00049	60073	Cm-243/244	0.0015 U	0.0166	0.0033	0.0443	1.00 - 3.50
6-00049	60073	Co-60	-0.0026 U	0.0124	0.0038	0.028	1.00 - 3.50
6-00049	60073	Cs-134	-0.0021 U	0.0107	0.0038	0.0864	1.00 - 3.50
6-00049	60073	Cs-137	0.0098 J	0.0125	0.0048	0.207	1.00 - 3.50
6-00049	60073	Eu-152	-0.0243 UJ	0.0356	0.0152	0.0566	1.00 - 3.50
6-00049	60073	Eu-154	-0.0229 U	0.0684	0.0244	0.15	1.00 - 3.50
6-00049	60073	Eu-155	0.0806 SJ	0.0538	0.0228	0.231	1.00 - 3.50
6-00049	60073	Ho-166m	0.0036 U	0.0192	0.0058	0.0432	1.00 - 3.50
6-00049	60073	K-40	25.2	0.102	1.52	32.4	1.00 - 3.50
6-00049	60073	Na-22	0.0014 U	0.0155	0.0046	0.037	1.00 - 3.50
6-00049	60073	Nb-94	0.0073 SJ	0.0111	0.0037	0.0214	1.00 - 3.50
6-00049	60073	Np-236	-0.007 U	0.0289	0.0096	0.047	1.00 - 3.50
6-00049	60073	Np-239	0.0327 U	0.101	0.0317	0.139	1.00 - 3.50
6-00049	60073	Pa-231	0.0882 U	0.617	0.198	0.936	1.00 - 3.50
6-00049	60073	Pb-212	1.54	0.026	0.0934	2.69	1.00 - 3.50
6-00049	60073	Pb-214	1.04	0.0247	0.0485	1.7	1.00 - 3.50
6-00049	60073	Pu-236	0.0023 U	0.0251	0.0059	7.79	1.00 - 3.50
6-00049	60073	Pu-238	-0.0032 U	0.0379	0.0089	0.0415	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00049	60073	Pu-239/240	0.008	0.0072	0.0046	0.0404	1.00 - 3.50
6-00049	60073	Pu-244	0.0034 U	0.0169	0.0042	0.0313	1.00 - 3.50
6-00049	60073	Sb-125	-0.0088 U	0.0323	0.0098	0.354	1.00 - 3.50
6-00049	60073	Sn-126	0.0058 U	0.0125	0.004	0.0237	1.00 - 3.50
6-00049	60073	Sr-90	-0.0301 U	0.146	0.0377	0.485	1.00 - 3.50
6-00049	60073	Th-228	1.83	0.088	0.152	3.98	1.00 - 3.50
6-00049	60073	Th-229	0.0059 U	0.0827	0.0211	0.145	1.00 - 3.50
6-00049	60073	Th-230	1.18	0.0543	0.108	2.2	1.00 - 3.50
6-00049	60073	Th-232	1.5	0.0158	0.128	3.1	1.00 - 3.50
6-00049	60073	Th-234	1.47	0.237	0.141	3.19	1.00 - 3.50
6-00049	60073	Tl-208	0.46	0.0123	0.0243	0.937	1.00 - 3.50
6-00049	60073	Tm-171	-8.91 UJ	11.4	4.44	72.4	1.00 - 3.50
6-00049	60073	U-233/234	1.05	0.075	0.115	2.02	1.00 - 3.50
6-00049	60073	U-235/236	0.0953	0.0215	0.0284	0.151	1.00 - 3.50
6-00049	60073	U-238	1.11	0.0409	0.119	1.8	1.00 - 3.50
6-00050	60074	Ac-227	-0.0643 U	0.143	0.0533	0.217	0.00 - 0.50
6-00050	60074	Ac-228	1.19	0.0687	0.0562	2.4	0.00 - 0.50
6-00050	60074	Am-241	0.0016	0.0043	0.0016	0.0454	0.00 - 0.50
6-00050	60074	Bi-212	0.867	0.094	0.06	2.15	0.00 - 0.50
6-00050	60074	Bi-214	1.01	0.0221	0.0443	1.59	0.00 - 0.50
6-00050	60074	Cd-113m	-1.29 U	96.1	36.5	3030	0.00 - 0.50
6-00050	60074	Cm-243/244	0.0048 U	0.0149	0.0042	0.0443	0.00 - 0.50
6-00050	60074	Co-60	-0.0014 U	0.0123	0.0037	0.028	0.00 - 0.50
6-00050	60074	Cs-134	0.0082 JS	0.0117	0.0044	0.0864	0.00 - 0.50
6-00050	60074	Cs-137	0.0338	0.012	0.0044	0.207	0.00 - 0.50
6-00050	60074	Eu-152	-0.0344 UJ	0.0342	0.0159	0.0566	0.00 - 0.50
6-00050	60074	Eu-154	0.0094 U	0.0692	0.0235	0.15	0.00 - 0.50
6-00050	60074	Eu-155	0.0391 JS	0.0523	0.0181	0.231	0.00 - 0.50
6-00050	60074	Ho-166m	-0.0093 U	0.0181	0.006	0.0432	0.00 - 0.50
6-00050	60074	K-40	24	0.0974	1.45	32.4	0.00 - 0.50
6-00050	60074	Na-22	-0.0039 U	0.0149	0.0046	0.037	0.00 - 0.50
6-00050	60074	Nb-94	0.0079 JS	0.0109	0.0037	0.0214	0.00 - 0.50
6-00050	60074	Np-236	-0.0221 UJ	0.028	0.0102	0.047	0.00 - 0.50
6-00050	60074	Np-239	-0.0039 U	0.0966	0.0297	0.139	0.00 - 0.50
6-00050	60074	Pa-231	-0.126 U	0.591	0.193	0.936	0.00 - 0.50
6-00050	60074	Pb-212	1.44	0.0256	0.0876	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00050	60074	Pb-214	1.15	0.0246	0.0528	1.7	0.00 - 0.50
6-00050	60074	Pu-236	0 U	0.0197	0.0048	7.79	0.00 - 0.50
6-00050	60074	Pu-238	0.0057 U	0.0214	0.0061	0.0415	0.00 - 0.50
6-00050	60074	Pu-239/240	0.0071	0.0105	0.0038	0.0404	0.00 - 0.50
6-00050	60074	Pu-244	0.0071 J	0.0039	0.0032	0.0313	0.00 - 0.50
6-00050	60074	Sb-125	0.0092 U	0.0336	0.0101	0.354	0.00 - 0.50
6-00050	60074	Sn-126	-0.0018 U	0.0117	0.0036	0.0237	0.00 - 0.50
6-00050	60074	Sr-90	0.0305 U	0.187	0.0541	0.485	0.00 - 0.50
6-00050	60074	Th-228	1.2	0.104	0.123	3.98	0.00 - 0.50
6-00050	60074	Th-229	0.0294	0.0541	0.0181	0.145	0.00 - 0.50
6-00050	60074	Th-230	0.836	0.0682	0.0935	2.2	0.00 - 0.50
6-00050	60074	Th-232	1.01	0.0539	0.105	3.1	0.00 - 0.50
6-00050	60074	Th-234	1.43 J	0.222	0.129	3.19	0.00 - 0.50
6-00050	60074	Tl-208	0.422	0.0121	0.0223	0.937	0.00 - 0.50
6-00050	60074	Tm-171	-7.21 U	11.2	4.19	72.4	0.00 - 0.50
6-00050	60074	U-233/234	0.918	0.0542	0.0957	2.02	0.00 - 0.50
6-00050	60074	U-235/236	0.0448	0.0392	0.0182	0.151	0.00 - 0.50
6-00050	60074	U-238	0.844	0.0581	0.0902	1.8	0.00 - 0.50
6-00050	60075	Ac-227	-0.0072 U	0.202	0.0615	0.217	1.00 - 2.00
6-00050	60075	Ac-228	1.3	0.0972	0.0637	2.4	1.00 - 2.00
6-00050	60075	Am-241	0.0036 U	0.0182	0.0046	0.0454	1.00 - 2.00
6-00050	60075	Bi-212	0.918	0.132	0.071	2.15	1.00 - 2.00
6-00050	60075	Bi-214	1.08	0.0309	0.05	1.59	1.00 - 2.00
6-00050	60075	Cd-113m	-29.4 U	132	44.4	3030	1.00 - 2.00
6-00050	60075	Cm-243/244	-0.006 U	0.0252	0.0044	0.0443	1.00 - 2.00
6-00050	60075	Co-60	-0.008 U	0.018	0.0057	0.028	1.00 - 2.00
6-00050	60075	Cs-134	0.0025 U	0.0153	0.0052	0.0864	1.00 - 2.00
6-00050	60075	Cs-137	-0.0117 U	0.0176	0.0061	0.207	1.00 - 2.00
6-00050	60075	Eu-152	-0.0403 U	0.0483	0.0233	0.0566	1.00 - 2.00
6-00050	60075	Eu-154	-0.108 UJ	0.0917	0.0394	0.15	1.00 - 2.00
6-00050	60075	Eu-155	0.0681 JS	0.0734	0.0253	0.231	1.00 - 2.00
6-00050	60075	Ho-166m	0.0043 U	0.0266	0.0079	0.0432	1.00 - 2.00
6-00050	60075	K-40	23.3	0.132	1.36	32.4	1.00 - 2.00
6-00050	60075	Na-22	-0.0038 U	0.0204	0.0061	0.037	1.00 - 2.00
6-00050	60075	Nb-94	0.0064 U	0.0158	0.0048	0.0214	1.00 - 2.00
6-00050	60075	Np-236	-0.0104 U	0.0393	0.0146	0.047	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00050	60075	Np-239	0.0274 U	0.139	0.0424	0.139	1.00 - 2.00
6-00050	60075	Pa-231	-0.318 U	0.842	0.28	0.936	1.00 - 2.00
6-00050	60075	Pb-212	1.51	0.0349	0.0913	2.69	1.00 - 2.00
6-00050	60075	Pb-214	1.2	0.0348	0.0582	1.7	1.00 - 2.00
6-00050	60075	Pu-236	-0.0032 U	0.0381	0.0085	7.79	1.00 - 2.00
6-00050	60075	Pu-238	-0.0052 U	0.0388	0.0085	0.0415	1.00 - 2.00
6-00050	60075	Pu-239/240	0.0097	0.0189	0.0063	0.0404	1.00 - 2.00
6-00050	60075	Pu-244	0	0.008	0.003	0.0313	1.00 - 2.00
6-00050	60075	Sb-125	-0.0049 U	0.0457	0.0134	0.354	1.00 - 2.00
6-00050	60075	Sn-126	-0.0103 U	0.0166	0.0056	0.0237	1.00 - 2.00
6-00050	60075	Sr-90	0.142 U	0.252	0.0789	0.485	1.00 - 2.00
6-00050	60075	Th-228	1.35	0.123	0.131	3.98	1.00 - 2.00
6-00050	60075	Th-229	0.0493	0.0518	0.0213	0.145	1.00 - 2.00
6-00050	60075	Th-230	1.18	0.019	0.114	2.2	1.00 - 2.00
6-00050	60075	Th-232	1.11	0.019	0.11	3.1	1.00 - 2.00
6-00050	60075	Th-234	1.48 J	0.322	0.157	3.19	1.00 - 2.00
6-00050	60075	Tl-208	0.486	0.0161	0.0279	0.937	1.00 - 2.00
6-00050	60075	Tm-171	-15.7 UJ	14.4	6.2	72.4	1.00 - 2.00
6-00050	60075	U-233/234	1.01	0.045	0.115	2.02	1.00 - 2.00
6-00050	60075	U-235/236	0.0437	0.0237	0.0198	0.151	1.00 - 2.00
6-00050	60075	U-238	1.05	0.0192	0.118	1.8	1.00 - 2.00
6-00051	60076	Ac-227	-0.076 U	0.198	0.0617	0.217	0.00 - 0.50
6-00051	60076	Ac-228	1.24	0.11	0.0601	2.4	0.00 - 0.50
6-00051	60076	Am-241	0.0098 U	0.0327	0.0094	0.0454	0.00 - 0.50
6-00051	60076	Bi-212	0.956	0.152	0.0861	2.15	0.00 - 0.50
6-00051	60076	Bi-214	1.1	0.0322	0.0524	1.59	0.00 - 0.50
6-00051	60076	Cd-113m	-17.6 U	130	40	3030	0.00 - 0.50
6-00051	60076	Cm-243/244	-0.004 U	0.0297	0.0068	0.0443	0.00 - 0.50
6-00051	60076	Co-60	0.0013 U	0.0209	0.0061	0.028	0.00 - 0.50
6-00051	60076	Cs-134	0.0004 U	0.0174	0.0058	0.0864	0.00 - 0.50
6-00051	60076	Cs-137	0.129	0.0186	0.0108	0.207	0.00 - 0.50
6-00051	60076	Eu-152	-0.0393 UJ	0.0493	0.0183	0.0566	0.00 - 0.50
6-00051	60076	Eu-154	-0.0204 U	0.118	0.0347	0.15	0.00 - 0.50
6-00051	60076	Eu-155	0.0731 JS	0.0692	0.0263	0.231	0.00 - 0.50
6-00051	60076	Ho-166m	-0.006 U	0.0291	0.0088	0.0432	0.00 - 0.50
6-00051	60076	K-40	23.1	0.154	1.26	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00051	60076	Na-22	0.0014 U	0.0252	0.0074	0.037	0.00 - 0.50
6-00051	60076	Nb-94	0.0103 JS	0.0174	0.0055	0.0214	0.00 - 0.50
6-00051	60076	Np-236	-0.0136 U	0.0369	0.0118	0.047	0.00 - 0.50
6-00051	60076	Np-239	0.0152 U	0.131	0.0384	0.139	0.00 - 0.50
6-00051	60076	Pa-231	0.0735 U	0.846	0.25	0.936	0.00 - 0.50
6-00051	60076	Pb-212	1.47	0.0356	0.0852	2.69	0.00 - 0.50
6-00051	60076	Pb-214	1.12	0.0362	0.0544	1.7	0.00 - 0.50
6-00051	60076	Pu-236	-0.0073 U	0.0579	0.0137	7.79	0.00 - 0.50
6-00051	60076	Pu-238	0.0103 U	0.0413	0.0114	0.0415	0.00 - 0.50
6-00051	60076	Pu-239/240	-0.0069 U	0.045	0.0097	0.0404	0.00 - 0.50
6-00051	60076	Pu-244	0.0034	0.0093	0.0034	0.0313	0.00 - 0.50
6-00051	60076	Sb-125	0.0197 U	0.0523	0.0162	0.354	0.00 - 0.50
6-00051	60076	Sn-126	-0.0025 U	0.0192	0.0057	0.0237	0.00 - 0.50
6-00051	60076	Sr-90	0.102 U	0.193	0.0598	0.485	0.00 - 0.50
6-00051	60076	Th-228	1.36	0.108	0.131	3.98	0.00 - 0.50
6-00051	60076	Th-229	0.0353	0.0519	0.0188	0.145	0.00 - 0.50
6-00051	60076	Th-230	0.95	0.0518	0.0992	2.2	0.00 - 0.50
6-00051	60076	Th-232	1.33	0.0517	0.124	3.1	0.00 - 0.50
6-00051	60076	Th-234	1.34 J	0.292	0.139	3.19	0.00 - 0.50
6-00051	60076	Tl-208	0.456	0.0195	0.028	0.937	0.00 - 0.50
6-00051	60076	Tm-171	-5.45 U	12.6	4.41	72.4	0.00 - 0.50
6-00051	60076	U-233/234	0.91	0.0452	0.0949	2.02	0.00 - 0.50
6-00051	60076	U-235/236	0.0326	0.0394	0.0159	0.151	0.00 - 0.50
6-00051	60076	U-238	0.935	0.0501	0.097	1.8	0.00 - 0.50
6-00051	60077	Ac-227	-0.037 U	0.175	0.0549	0.217	1.00 - 4.50
6-00051	60077	Ac-228	1.39	0.0913	0.0649	2.4	1.00 - 4.50
6-00051	60077	Am-241	0.0056	0.0157	0.0046	0.0454	1.00 - 4.50
6-00051	60077	Bi-212	1.16	0.118	0.0924	2.15	1.00 - 4.50
6-00051	60077	Bi-214	1.02	0.0273	0.0478	1.59	1.00 - 4.50
6-00051	60077	Cd-113m	-56.5 U	116	38.6	3030	1.00 - 4.50
6-00051	60077	Cm-243/244	0.0025	0.0067	0.0025	0.0443	1.00 - 4.50
6-00051	60077	Co-60	-0.0013 U	0.0167	0.0051	0.028	1.00 - 4.50
6-00051	60077	Cs-134	0.0029 U	0.0142	0.0049	0.0864	1.00 - 4.50
6-00051	60077	Cs-137	-0.018 UJ	0.0149	0.0064	0.207	1.00 - 4.50
6-00051	60077	Eu-152	-0.022 U	0.0429	0.0137	0.0566	1.00 - 4.50
6-00051	60077	Eu-154	-0.0527 U	0.0894	0.03	0.15	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00051	60077	Eu-155	0.0727 JS	0.0628	0.0255	0.231	1.00 - 4.50
6-00051	60077	Ho-166m	-0.0135 U	0.0235	0.0081	0.0432	1.00 - 4.50
6-00051	60077	K-40	22.1	0.112	1.26	32.4	1.00 - 4.50
6-00051	60077	Na-22	-0.0007 U	0.02	0.007	0.037	1.00 - 4.50
6-00051	60077	Nb-94	0.0101 JS	0.0148	0.0049	0.0214	1.00 - 4.50
6-00051	60077	Np-236	-0.0055 U	0.0341	0.0101	0.047	1.00 - 4.50
6-00051	60077	Np-239	0.0183 U	0.119	0.0363	0.139	1.00 - 4.50
6-00051	60077	Pa-231	0.0278 U	0.741	0.228	0.936	1.00 - 4.50
6-00051	60077	Pb-212	1.5	0.0313	0.0893	2.69	1.00 - 4.50
6-00051	60077	Pb-214	1.15	0.0307	0.0543	1.7	1.00 - 4.50
6-00051	60077	Pu-236	-0.0042 U	0.0369	0.0078	7.79	1.00 - 4.50
6-00051	60077	Pu-238	0.0029 U	0.0379	0.0095	0.0415	1.00 - 4.50
6-00051	60077	Pu-239/240	0.0061	0.0083	0.0043	0.0404	1.00 - 4.50
6-00051	60077	Pu-244	0.0031	0.0083	0.0031	0.0313	1.00 - 4.50
6-00051	60077	Sb-125	0.0143 U	0.041	0.0123	0.354	1.00 - 4.50
6-00051	60077	Sn-126	-0.0025 U	0.0156	0.0048	0.0237	1.00 - 4.50
6-00051	60077	Sr-90	-0.0503 U	0.24	0.0579	0.485	1.00 - 4.50
6-00051	60077	Th-228	1.58	0.0903	0.145	3.98	1.00 - 4.50
6-00051	60077	Th-229	0.0431	0.0667	0.0228	0.145	1.00 - 4.50
6-00051	60077	Th-230	1.7	0.0194	0.149	2.2	1.00 - 4.50
6-00051	60077	Th-232	1.3	0.0526	0.123	3.1	1.00 - 4.50
6-00051	60077	Th-234	1.68	0.275	0.164	3.19	1.00 - 4.50
6-00051	60077	Tl-208	0.492	0.0148	0.0274	0.937	1.00 - 4.50
6-00051	60077	Tm-171	-2.83 U	12.4	4.35	72.4	1.00 - 4.50
6-00051	60077	U-233/234	1.25	0.052	0.126	2.02	1.00 - 4.50
6-00051	60077	U-235/236	0.0466	0.056	0.0216	0.151	1.00 - 4.50
6-00051	60077	U-238	1.43	0.0156	0.139	1.8	1.00 - 4.50
6-00052	60078	Ac-227	-0.0966 U	0.222	0.0709	0.217	0.00 - 0.50
6-00052	60078	Ac-228	1.29	0.111	0.0656	2.4	0.00 - 0.50
6-00052	60078	Am-241	0.0104	0.0056	0.0047	0.0454	0.00 - 0.50
6-00052	60078	Bi-212	0.863 J	0.159	0.0909	2.15	0.00 - 0.50
6-00052	60078	Bi-214	1.09	0.0335	0.0514	1.59	0.00 - 0.50
6-00052	60078	Cd-113m	-62.3 U	147	46.8	3030	0.00 - 0.50
6-00052	60078	Cm-243/244	0.0021 U	0.0226	0.0056	0.0443	0.00 - 0.50
6-00052	60078	Co-60	-0.0015 U	0.0206	0.0061	0.028	0.00 - 0.50
6-00052	60078	Cs-134	0.0083 U	0.0173	0.006	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00052	60078	Cs-137	0.051	0.0208	0.0091	0.207	0.00 - 0.50
6-00052	60078	Eu-152	0.0254 U	0.0549	0.0194	0.0566	0.00 - 0.50
6-00052	60078	Eu-154	-0.0471 U	0.114	0.0359	0.15	0.00 - 0.50
6-00052	60078	Eu-155	0.104 JS	0.0785	0.0329	0.231	0.00 - 0.50
6-00052	60078	Ho-166m	0.0045 U	0.0316	0.0094	0.0432	0.00 - 0.50
6-00052	60078	K-40	22.6	0.153	1.4	32.4	0.00 - 0.50
6-00052	60078	Na-22	-0.0036 U	0.0258	0.0078	0.037	0.00 - 0.50
6-00052	60078	Nb-94	0.0045 U	0.0181	0.0054	0.0214	0.00 - 0.50
6-00052	60078	Np-236	0.0034 U	0.0427	0.0131	0.047	0.00 - 0.50
6-00052	60078	Np-239	-0.0446 U	0.146	0.0449	0.139	0.00 - 0.50
6-00052	60078	Pa-231	-0.374 U	0.903	0.31	0.936	0.00 - 0.50
6-00052	60078	Pb-212	1.46	0.0394	0.0944	2.69	0.00 - 0.50
6-00052	60078	Pb-214	1.12	0.0387	0.055	1.7	0.00 - 0.50
6-00052	60078	Pu-236	0 U	0.0186	0.0036	7.79	0.00 - 0.50
6-00052	60078	Pu-238	-0.0095 U	0.0312	0.0058	0.0415	0.00 - 0.50
6-00052	60078	Pu-239/240	0.0095 U	0.0311	0.0089	0.0404	0.00 - 0.50
6-00052	60078	Pu-244	0.0142	0.0064	0.0059	0.0313	0.00 - 0.50
6-00052	60078	Sb-125	-0.002 U	0.0533	0.0163	0.354	0.00 - 0.50
6-00052	60078	Sn-126	-0.0014 U	0.0195	0.0058	0.0237	0.00 - 0.50
6-00052	60078	Sr-90	-0.184 U	0.645	0.169	0.485	0.00 - 0.50
6-00052	60078	Th-228	1.35	0.116	0.135	3.98	0.00 - 0.50
6-00052	60078	Th-229	0.0531	0.0704	0.0253	0.145	0.00 - 0.50
6-00052	60078	Th-230	0.817	0.0908	0.0947	2.2	0.00 - 0.50
6-00052	60078	Th-232	1.09	0.0204	0.112	3.1	0.00 - 0.50
6-00052	60078	Th-234	2 J	0.425	0.525	3.19	0.00 - 0.50
6-00052	60078	Tl-208	0.458	0.0199	0.0274	0.937	0.00 - 0.50
6-00052	60078	Tm-171	-8.75 U	19	6.15	72.4	0.00 - 0.50
6-00052	60078	U-233/234	0.838	0.0573	0.0894	2.02	0.00 - 0.50
6-00052	60078	U-235/236	0.0684	0.0386	0.022	0.151	0.00 - 0.50
6-00052	60078	U-238	1.05	0.0492	0.106	1.8	0.00 - 0.50
6-00052	60079	Ac-227	-0.0155 U	0.188	0.0563	0.217	1.00 - 2.25
6-00052	60079	Ac-228	1.07	0.086	0.0552	2.4	1.00 - 2.25
6-00052	60079	Am-241	-0.0028 U	0.025	0.0053	0.0454	1.00 - 2.25
6-00052	60079	Bi-212	0.69	0.123	0.0642	2.15	1.00 - 2.25
6-00052	60079	Bi-214	0.763	0.0274	0.0375	1.59	1.00 - 2.25
6-00052	60079	Cd-113m	-91.4 UJ	123	45.6	3030	1.00 - 2.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00052	60079	Cm-243/244	0.004 U	0.0195	0.0051	0.0443	1.00 - 2.25
6-00052	60079	Co-60	0.0027 U	0.0164	0.0047	0.028	1.00 - 2.25
6-00052	60079	Cs-134	0.0068 U	0.0139	0.0049	0.0864	1.00 - 2.25
6-00052	60079	Cs-137	-0.0002 U	0.016	0.0047	0.207	1.00 - 2.25
6-00052	60079	Eu-152	-0.0138 U	0.0432	0.0166	0.0566	1.00 - 2.25
6-00052	60079	Eu-154	-0.0556 U	0.0856	0.0296	0.15	1.00 - 2.25
6-00052	60079	Eu-155	0.0675 SJ	0.0681	0.0242	0.231	1.00 - 2.25
6-00052	60079	Ho-166m	-0.0001 U	0.0237	0.007	0.0432	1.00 - 2.25
6-00052	60079	K-40	21	0.117	1.38	32.4	1.00 - 2.25
6-00052	60079	Na-22	-0.0022 U	0.0184	0.0054	0.037	1.00 - 2.25
6-00052	60079	Nb-94	0.0072 SJ	0.0141	0.0044	0.0214	1.00 - 2.25
6-00052	60079	Np-236	-0.0128 U	0.0372	0.013	0.047	1.00 - 2.25
6-00052	60079	Np-239	0.0545 U	0.13	0.0405	0.139	1.00 - 2.25
6-00052	60079	Pa-231	-0.153 U	0.787	0.277	0.936	1.00 - 2.25
6-00052	60079	Pb-212	1.25	0.0318	0.0833	2.69	1.00 - 2.25
6-00052	60079	Pb-214	0.867	0.0307	0.0444	1.7	1.00 - 2.25
6-00052	60079	Pu-236	0.0042 UJ	0.0448	0.0106	7.79	1.00 - 2.25
6-00052	60079	Pu-238	0.0019 UJ	0.0521	0.0123	0.0415	1.00 - 2.25
6-00052	60079	Pu-239/240	0.0075 UJ	0.0377	0.0096	0.0404	1.00 - 2.25
6-00052	60079	Pu-244	-0.0034 UJ	0.0304	0.0059	0.0313	1.00 - 2.25
6-00052	60079	Sb-125	0.0245 SJ	0.0417	0.0136	0.354	1.00 - 2.25
6-00052	60079	Sn-126	0.0006 U	0.0156	0.0046	0.0237	1.00 - 2.25
6-00052	60079	Sr-90	0.156 U	0.43	0.129	0.485	1.00 - 2.25
6-00052	60079	Th-228	1.23 L	0.0676	0.119	3.98	1.00 - 2.25
6-00052	60079	Th-229	0.0484 L	0.0187	0.0185	0.145	1.00 - 2.25
6-00052	60079	Th-230	0.834 L	0.0508	0.0902	2.2	1.00 - 2.25
6-00052	60079	Th-232	1.18 L	0.0506	0.113	3.1	1.00 - 2.25
6-00052	60079	Th-234	0.897 J	0.301	0.133	3.19	1.00 - 2.25
6-00052	60079	Tl-208	0.381	0.0152	0.022	0.937	1.00 - 2.25
6-00052	60079	Tm-171	-8.44 U	14.7	5.61	72.4	1.00 - 2.25
6-00052	60079	U-233/234	0.926	0.0358	0.0994	2.02	1.00 - 2.25
6-00052	60079	U-235/236	0.0694	0.0188	0.0225	0.151	1.00 - 2.25
6-00052	60079	U-238	0.994	0.0152	0.105	1.8	1.00 - 2.25
6-00053	60080	Ac-227	0.022 U	0.152	0.0456	0.217	0.00 - 0.50
6-00053	60080	Ac-228	1.23	0.0797	0.0581	2.4	0.00 - 0.50
6-00053	60080	Am-241	-0.0029 U	0.0176	0.0036	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00053	60080	Bi-212	0.923	0.101	0.0729	2.15	0.00 - 0.50
6-00053	60080	Bi-214	0.989	0.0231	0.0446	1.59	0.00 - 0.50
6-00053	60080	Cd-113m	28.5 UJ	102	32.1	3030	0.00 - 0.50
6-00053	60080	Cm-243/244	0.0059	0.0109	0.0036	0.0443	0.00 - 0.50
6-00053	60080	Co-60	-0.0011 U	0.0146	0.0044	0.028	0.00 - 0.50
6-00053	60080	Cs-134	-0.0013 U	0.0119	0.0041	0.0864	0.00 - 0.50
6-00053	60080	Cs-137	0.0525	0.0129	0.0064	0.207	0.00 - 0.50
6-00053	60080	Eu-152	-0.0155 U	0.037	0.0136	0.0566	0.00 - 0.50
6-00053	60080	Eu-154	0.0191 U	0.078	0.0265	0.15	0.00 - 0.50
6-00053	60080	Eu-155	0.0813 JS	0.0542	0.025	0.231	0.00 - 0.50
6-00053	60080	Ho-166m	-0.0064 U	0.0203	0.0064	0.0432	0.00 - 0.50
6-00053	60080	K-40	22.5	0.106	1.37	32.4	0.00 - 0.50
6-00053	60080	Na-22	-0.0122 UJ	0.017	0.006	0.037	0.00 - 0.50
6-00053	60080	Nb-94	0.0035 U	0.0121	0.0037	0.0214	0.00 - 0.50
6-00053	60080	Np-236	-0.0211 UJ	0.0286	0.0103	0.047	0.00 - 0.50
6-00053	60080	Np-239	-0.0556 U	0.1	0.033	0.139	0.00 - 0.50
6-00053	60080	Pa-231	-0.166 U	0.622	0.219	0.936	0.00 - 0.50
6-00053	60080	Pb-212	1.42	0.0262	0.0907	2.69	0.00 - 0.50
6-00053	60080	Pb-214	1.08	0.0263	0.0512	1.7	0.00 - 0.50
6-00053	60080	Pu-236	-0.0071 U	0.0466	0.0101	7.79	0.00 - 0.50
6-00053	60080	Pu-238	0.0067 U	0.0531	0.0142	0.0415	0.00 - 0.50
6-00053	60080	Pu-239/240	0.0033 U	0.0246	0.0058	0.0404	0.00 - 0.50
6-00053	60080	Pu-244	-0.0033 U	0.0246	0.0047	0.0313	0.00 - 0.50
6-00053	60080	Sb-125	0.0217 JS	0.0359	0.0119	0.354	0.00 - 0.50
6-00053	60080	Sn-126	0.0066 U	0.0137	0.0043	0.0237	0.00 - 0.50
6-00053	60080	Sr-90	0.0684 U	0.177	0.0533	0.485	0.00 - 0.50
6-00053	60080	Th-228	1.29	0.0937	0.127	3.98	0.00 - 0.50
6-00053	60080	Th-229	0.0216 U	0.0776	0.0217	0.145	0.00 - 0.50
6-00053	60080	Th-230	0.798	0.0529	0.0896	2.2	0.00 - 0.50
6-00053	60080	Th-232	1.23	0.0528	0.119	3.1	0.00 - 0.50
6-00053	60080	Th-234	1.48 J	0.238	0.151	3.19	0.00 - 0.50
6-00053	60080	Tl-208	0.436	0.0132	0.024	0.937	0.00 - 0.50
6-00053	60080	Tm-171	-8.12 U	12.8	4.81	72.4	0.00 - 0.50
6-00053	60080	U-233/234	0.95	0.0589	0.0971	2.02	0.00 - 0.50
6-00053	60080	U-235/236	0.0662	0.0374	0.0213	0.151	0.00 - 0.50
6-00053	60080	U-238	0.914	0.0517	0.094	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00053	60081	Ac-227	-0.0299 U	0.168	0.0495	0.217	1.00 - 2.20
6-00053	60081	Ac-228	1.16	0.0815	0.0552	2.4	1.00 - 2.20
6-00053	60081	Am-241	0.0093	0.0138	0.0051	0.0454	1.00 - 2.20
6-00053	60081	Bi-212	0.821	0.113	0.0701	2.15	1.00 - 2.20
6-00053	60081	Bi-214	0.963	0.0264	0.0448	1.59	1.00 - 2.20
6-00053	60081	Cd-113m	20.4 U	112	35.1	3030	1.00 - 2.20
6-00053	60081	Cm-243/244	0.0087	0.0059	0.0044	0.0443	1.00 - 2.20
6-00053	60081	Co-60	0.0014 U	0.0151	0.0045	0.028	1.00 - 2.20
6-00053	60081	Cs-134	0.0079 JS	0.0129	0.0047	0.0864	1.00 - 2.20
6-00053	60081	Cs-137	0.0181	0.0142	0.0061	0.207	1.00 - 2.20
6-00053	60081	Eu-152	-0.0261 U	0.0391	0.0137	0.0566	1.00 - 2.20
6-00053	60081	Eu-154	-0.0123 U	0.0815	0.0281	0.15	1.00 - 2.20
6-00053	60081	Eu-155	0.0486 JS	0.0612	0.0215	0.231	1.00 - 2.20
6-00053	60081	Ho-166m	-0.008 U	0.0226	0.0073	0.0432	1.00 - 2.20
6-00053	60081	K-40	22.4	0.108	1.25	32.4	1.00 - 2.20
6-00053	60081	Na-22	0.0019 U	0.0179	0.0053	0.037	1.00 - 2.20
6-00053	60081	Nb-94	0.0068 JS	0.0134	0.0043	0.0214	1.00 - 2.20
6-00053	60081	Np-236	0.007 U	0.0327	0.01	0.047	1.00 - 2.20
6-00053	60081	Np-239	0.0295 U	0.113	0.0357	0.139	1.00 - 2.20
6-00053	60081	Pa-231	-0.22 U	0.677	0.206	0.936	1.00 - 2.20
6-00053	60081	Pb-212	1.35	0.0291	0.0793	2.69	1.00 - 2.20
6-00053	60081	Pb-214	1.07	0.0291	0.0499	1.7	1.00 - 2.20
6-00053	60081	Pu-236	-0.0118 U	0.0523	0.0119	7.79	1.00 - 2.20
6-00053	60081	Pu-238	-0.0169 U	0.0461	0.0091	0.0415	1.00 - 2.20
6-00053	60081	Pu-239/240	0.0038 U	0.0191	0.0048	0.0404	1.00 - 2.20
6-00053	60081	Pu-244	0.0008 U	0.0191	0.0037	0.0313	1.00 - 2.20
6-00053	60081	Sb-125	0.0049 U	0.0388	0.0115	0.354	1.00 - 2.20
6-00053	60081	Sn-126	-0.0029 U	0.0141	0.0044	0.0237	1.00 - 2.20
6-00053	60081	Sr-90	-0.0687 U	0.254	0.0611	0.485	1.00 - 2.20
6-00053	60081	Th-228	1.27	0.122	0.126	3.98	1.00 - 2.20
6-00053	60081	Th-229	0.007 U	0.0837	0.0209	0.145	1.00 - 2.20
6-00053	60081	Th-230	1.05	0.0646	0.106	2.2	1.00 - 2.20
6-00053	60081	Th-232	1.3	0.0188	0.122	3.1	1.00 - 2.20
6-00053	60081	Th-234	1.2 J	0.248	0.125	3.19	1.00 - 2.20
6-00053	60081	Tl-208	0.396	0.014	0.0224	0.937	1.00 - 2.20
6-00053	60081	Tm-171	-1.05 U	11	3.68	72.4	1.00 - 2.20

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00053	60081	U-233/234	1.01	0.0155	0.107	2.02	1.00 - 2.20
6-00053	60081	U-235/236	0.0423	0.0191	0.0176	0.151	1.00 - 2.20
6-00053	60081	U-238	0.932	0.0364	0.1	1.8	1.00 - 2.20
6-00054	60082	Ac-227	-0.034 U	0.2	0.0599	0.217	0.00 - 0.50
6-00054	60082	Ac-228	1.3	0.113	0.0633	2.4	0.00 - 0.50
6-00054	60082	Am-241	0.0021 U	0.0156	0.0037	0.0454	0.00 - 0.50
6-00054	60082	Bi-212	0.823 J	0.162	0.0932	2.15	0.00 - 0.50
6-00054	60082	Bi-214	1.14	0.0337	0.0542	1.59	0.00 - 0.50
6-00054	60082	Cd-113m	2.17 UJ	135	41	3030	0.00 - 0.50
6-00054	60082	Cm-243/244	0.0021 U	0.0281	0.0071	0.0443	0.00 - 0.50
6-00054	60082	Co-60	0.0074 U	0.0207	0.0061	0.028	0.00 - 0.50
6-00054	60082	Cs-134	0.0001 U	0.0176	0.0059	0.0864	0.00 - 0.50
6-00054	60082	Cs-137	0.111	0.0188	0.0098	0.207	0.00 - 0.50
6-00054	60082	Eu-152	0.0195 U	0.0521	0.0171	0.0566	0.00 - 0.50
6-00054	60082	Eu-154	0.0039 U	0.117	0.0337	0.15	0.00 - 0.50
6-00054	60082	Eu-155	0.0649 JS	0.0701	0.0236	0.231	0.00 - 0.50
6-00054	60082	Ho-166m	0.0035 U	0.0292	0.0086	0.0432	0.00 - 0.50
6-00054	60082	K-40	23.7	0.158	1.29	32.4	0.00 - 0.50
6-00054	60082	Na-22	0.0004 U	0.025	0.0073	0.037	0.00 - 0.50
6-00054	60082	Nb-94	-0.0005 U	0.0165	0.0049	0.0214	0.00 - 0.50
6-00054	60082	Np-236	-0.0119 U	0.0372	0.0117	0.047	0.00 - 0.50
6-00054	60082	Np-239	0.0419 U	0.133	0.0398	0.139	0.00 - 0.50
6-00054	60082	Pa-231	0.102 UJ	0.836	0.247	0.936	0.00 - 0.50
6-00054	60082	Pb-212	1.49	0.0355	0.0864	2.69	0.00 - 0.50
6-00054	60082	Pb-214	1.24	0.0363	0.0586	1.7	0.00 - 0.50
6-00054	60082	Pu-236	0.0071 U	0.019	0.0056	7.79	0.00 - 0.50
6-00054	60082	Pu-238	-0.0067 U	0.0235	0.0047	0.0415	0.00 - 0.50
6-00054	60082	Pu-239/240	0.0033 U	0.0122	0.0033	0.0404	0.00 - 0.50
6-00054	60082	Pu-244	0.005 J	0.0045	0.0029	0.0313	0.00 - 0.50
6-00054	60082	Sb-125	-0.0161 U	0.0503	0.0159	0.354	0.00 - 0.50
6-00054	60082	Sn-126	-0.0002 U	0.0183	0.0054	0.0237	0.00 - 0.50
6-00054	60082	Sr-90	0.048 U	0.106	0.0323	0.485	0.00 - 0.50
6-00054	60082	Th-228	1.26	0.119	0.145	3.98	0.00 - 0.50
6-00054	60082	Th-229	0 U	0.0751	0.0144	0.145	0.00 - 0.50
6-00054	60082	Th-230	0.957	0.0946	0.117	2.2	0.00 - 0.50
6-00054	60082	Th-232	1.26	0.0275	0.138	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00054	60082	Th-234	1.79 J	0.291	0.159	3.19	0.00 - 0.50
6-00054	60082	Tl-208	0.506	0.0194	0.0295	0.937	0.00 - 0.50
6-00054	60082	Tm-171	-11.6 UJ	12.5	5.05	72.4	0.00 - 0.50
6-00054	60082	U-233/234	1.07	0.0127	0.105	2.02	0.00 - 0.50
6-00054	60082	U-235/236	0.1	0.037	0.026	0.151	0.00 - 0.50
6-00054	60082	U-238	1.05	0.0299	0.103	1.8	0.00 - 0.50
6-00055	60084	Ac-227	-0.0274 U	0.123	0.0415	0.217	0.00 - 0.50
6-00055	60084	Ac-228	1.26	0.0615	0.057	2.4	0.00 - 0.50
6-00055	60084	Am-241	-0.0063 U	0.0252	0.0047	0.0454	0.00 - 0.50
6-00055	60084	Bi-212	0.914	0.0865	0.0636	2.15	0.00 - 0.50
6-00055	60084	Bi-214	0.98	0.0195	0.0429	1.59	0.00 - 0.50
6-00055	60084	Cd-113m	35.9 UJ	83.6	27.3	3030	0.00 - 0.50
6-00055	60084	Cm-243/244	0.0021 U	0.0197	0.0047	0.0443	0.00 - 0.50
6-00055	60084	Co-60	0.0012 U	0.0115	0.0035	0.028	0.00 - 0.50
6-00055	60084	Cs-134	0.0015 U	0.0098	0.0034	0.0864	0.00 - 0.50
6-00055	60084	Cs-137	0.0796	0.0106	0.0064	0.207	0.00 - 0.50
6-00055	60084	Eu-152	-0.0118 U	0.0293	0.0104	0.0566	0.00 - 0.50
6-00055	60084	Eu-154	0.0249 U	0.0637	0.022	0.15	0.00 - 0.50
6-00055	60084	Eu-155	0.078 JS	0.0434	0.019	0.231	0.00 - 0.50
6-00055	60084	Ho-166m	-0.0056 U	0.0166	0.0053	0.0432	0.00 - 0.50
6-00055	60084	K-40	23.1	0.0775	1.28	32.4	0.00 - 0.50
6-00055	60084	Na-22	-0.0044 U	0.0135	0.0044	0.037	0.00 - 0.50
6-00055	60084	Nb-94	0.0026 U	0.01	0.0031	0.0214	0.00 - 0.50
6-00055	60084	Np-236	-0.0069 U	0.0234	0.0082	0.047	0.00 - 0.50
6-00055	60084	Np-239	-0.0107 U	0.0837	0.0264	0.139	0.00 - 0.50
6-00055	60084	Pa-231	0.151 UJ	0.518	0.155	0.936	0.00 - 0.50
6-00055	60084	Pb-212	1.42	0.0222	0.0824	2.69	0.00 - 0.50
6-00055	60084	Pb-214	1.05	0.0218	0.0477	1.7	0.00 - 0.50
6-00055	60084	Pu-236	0.0029 U	0.0175	0.0046	7.79	0.00 - 0.50
6-00055	60084	Pu-238	-0.0041 U	0.0206	0.0046	0.0415	0.00 - 0.50
6-00055	60084	Pu-239/240	0.0055	0.0101	0.0034	0.0404	0.00 - 0.50
6-00055	60084	Pu-244	0.0069 J	0.0037	0.0031	0.0313	0.00 - 0.50
6-00055	60084	Sb-125	0.0028 U	0.0287	0.0086	0.354	0.00 - 0.50
6-00055	60084	Sn-126	-0.0002 U	0.011	0.0034	0.0237	0.00 - 0.50
6-00055	60084	Sr-90	0.0319 U	0.151	0.0437	0.485	0.00 - 0.50
6-00055	60084	Th-228	1.47	0.0971	0.147	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00055	60084	Th-229	0.0167 U	0.1	0.0264	0.145	0.00 - 0.50
6-00055	60084	Th-230	1.06	0.0225	0.114	2.2	0.00 - 0.50
6-00055	60084	Th-232	1.19	0.0225	0.123	3.1	0.00 - 0.50
6-00055	60084	Th-234	1.35 J	0.187	0.122	3.19	0.00 - 0.50
6-00055	60084	Tl-208	0.436	0.0107	0.0229	0.937	0.00 - 0.50
6-00055	60084	Tm-171	-1.16 U	8.24	2.76	72.4	0.00 - 0.50
6-00055	60084	U-233/234	0.941	0.0853	0.107	2.02	0.00 - 0.50
6-00055	60084	U-235/236	0.0772	0.0637	0.0286	0.151	0.00 - 0.50
6-00055	60084	U-238	1.02	0.0591	0.113	1.8	0.00 - 0.50
6-00055	60085	Ac-227	-0.0788 U	0.204	0.0664	0.217	1.00 - 3.00
6-00055	60085	Ac-228	1.34	0.132	0.0646	2.4	1.00 - 3.00
6-00055	60085	Am-241	0.0078	0.0053	0.0039	0.0454	1.00 - 3.00
6-00055	60085	Bi-212	0.843 J	0.18	0.0953	2.15	1.00 - 3.00
6-00055	60085	Bi-214	1.11	0.0384	0.0551	1.59	1.00 - 3.00
6-00055	60085	Cd-113m	58.5 U	139	46.4	3030	1.00 - 3.00
6-00055	60085	Cm-243/244	-0.0028 U	0.0155	0.0028	0.0443	1.00 - 3.00
6-00055	60085	Co-60	0.011 U	0.0252	0.0074	0.028	1.00 - 3.00
6-00055	60085	Cs-134	0 U	0.0189	0.0065	0.0864	1.00 - 3.00
6-00055	60085	Cs-137	0.0169	0.024	0.008	0.207	1.00 - 3.00
6-00055	60085	Eu-152	0.0274 J	0.0552	0.0174	0.0566	1.00 - 3.00
6-00055	60085	Eu-154	-0.0707 U	0.134	0.0445	0.15	1.00 - 3.00
6-00055	60085	Eu-155	0.09 JS	0.0607	0.0243	0.231	1.00 - 3.00
6-00055	60085	Ho-166m	-0.014 U	0.0346	0.0107	0.0432	1.00 - 3.00
6-00055	60085	K-40	23.7	0.179	1.31	32.4	1.00 - 3.00
6-00055	60085	Na-22	0.0023 U	0.0282	0.0093	0.037	1.00 - 3.00
6-00055	60085	Nb-94	0.0094 U	0.021	0.0063	0.0214	1.00 - 3.00
6-00055	60085	Np-236	-0.0104 U	0.0332	0.0101	0.047	1.00 - 3.00
6-00055	60085	Np-239	-0.0047 U	0.136	0.0417	0.139	1.00 - 3.00
6-00055	60085	Pa-231	-0.287 U	0.869	0.281	0.936	1.00 - 3.00
6-00055	60085	Pb-212	1.45	0.0343	0.0819	2.69	1.00 - 3.00
6-00055	60085	Pb-214	1.22	0.038	0.0575	1.7	1.00 - 3.00
6-00055	60085	Pu-236	0.0004 U	0.0311	0.007	7.79	1.00 - 3.00
6-00055	60085	Pu-238	-0.0031 U	0.0372	0.0083	0.0415	1.00 - 3.00
6-00055	60085	Pu-239/240	0	0.0081	0.003	0.0404	1.00 - 3.00
6-00055	60085	Pu-244	0.012	0.0081	0.006	0.0313	1.00 - 3.00
6-00055	60085	Sb-125	-0.0149 U	0.0541	0.0165	0.354	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00055	60085	Sn-126	-0.0078 U	0.0215	0.0066	0.0237	1.00 - 3.00
6-00055	60085	Sr-90	-0.0133 U	0.257	0.0667	0.485	1.00 - 3.00
6-00055	60085	Th-228	1.26	0.121	0.127	3.98	1.00 - 3.00
6-00055	60085	Th-229	0.0654	0.0675	0.0265	0.145	1.00 - 3.00
6-00055	60085	Th-230	1.12	0.0674	0.114	2.2	1.00 - 3.00
6-00055	60085	Th-232	1.21	0.0196	0.119	3.1	1.00 - 3.00
6-00055	60085	Th-234	1.48	0.248	0.133	3.19	1.00 - 3.00
6-00055	60085	Tl-208	0.483	0.022	0.0289	0.937	1.00 - 3.00
6-00055	60085	Tm-171	0.984 U	7.81	2.5	72.4	1.00 - 3.00
6-00055	60085	U-233/234	0.978	0.0412	0.108	2.02	1.00 - 3.00
6-00055	60085	U-235/236	0.056	0.0217	0.0216	0.151	1.00 - 3.00
6-00055	60085	U-238	0.921	0.0412	0.104	1.8	1.00 - 3.00
6-00056	60086	Ac-227	0.0035 U	0.149	0.0444	0.217	0.00 - 0.50
6-00056	60086	Ac-228	1.11	0.0746	0.0527	2.4	0.00 - 0.50
6-00056	60086	Am-241	0.0082	0.0122	0.0045	0.0454	0.00 - 0.50
6-00056	60086	Bi-212	0.78	0.103	0.0604	2.15	0.00 - 0.50
6-00056	60086	Bi-214	0.874	0.023	0.0401	1.59	0.00 - 0.50
6-00056	60086	Cd-113m	1.46 U	98.8	29.6	3030	0.00 - 0.50
6-00056	60086	Cm-243/244	0.0016 U	0.0174	0.0041	0.0443	0.00 - 0.50
6-00056	60086	Co-60	0.0026 U	0.0144	0.0043	0.028	0.00 - 0.50
6-00056	60086	Cs-134	0.0024 U	0.0119	0.0041	0.0864	0.00 - 0.50
6-00056	60086	Cs-137	0.0517	0.0129	0.006	0.207	0.00 - 0.50
6-00056	60086	Eu-152	-0.0202 U	0.0363	0.0131	0.0566	0.00 - 0.50
6-00056	60086	Eu-154	-0.0498 U	0.0771	0.0261	0.15	0.00 - 0.50
6-00056	60086	Eu-155	0.0998 SJ	0.0528	0.0226	0.231	0.00 - 0.50
6-00056	60086	Ho-166m	-0.0025 U	0.0198	0.006	0.0432	0.00 - 0.50
6-00056	60086	K-40	23.2	0.0962	1.42	32.4	0.00 - 0.50
6-00056	60086	Na-22	-0.0005 U	0.017	0.006	0.037	0.00 - 0.50
6-00056	60086	Nb-94	0.0072 SJ	0.0121	0.0039	0.0214	0.00 - 0.50
6-00056	60086	Np-236	-0.0088 U	0.0285	0.0091	0.047	0.00 - 0.50
6-00056	60086	Np-239	-0.0021 U	0.0986	0.0293	0.139	0.00 - 0.50
6-00056	60086	Pa-231	-0.0961 U	0.607	0.191	0.936	0.00 - 0.50
6-00056	60086	Pb-212	1.3	0.0259	0.0834	2.69	0.00 - 0.50
6-00056	60086	Pb-214	0.96	0.0259	0.0454	1.7	0.00 - 0.50
6-00056	60086	Pu-236	0.0097	0.0066	0.0049	7.79	0.00 - 0.50
6-00056	60086	Pu-238	-0.0027 U	0.0206	0.0037	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00056	60086	Pu-239/240	0.0042 U	0.0206	0.0054	0.0404	0.00 - 0.50
6-00056	60086	Pu-244	-0.0082 U	0.0248	0.0043	0.0313	0.00 - 0.50
6-00056	60086	Sb-125	0.0086 U	0.0346	0.0107	0.354	0.00 - 0.50
6-00056	60086	Sn-126	-0.0012 U	0.0133	0.004	0.0237	0.00 - 0.50
6-00056	60086	Sr-90	0.0154 U	0.174	0.047	0.485	0.00 - 0.50
6-00056	60086	Th-228	1.18	0.121	0.116	3.98	0.00 - 0.50
6-00056	60086	Th-229	0.0307	0.0739	0.0222	0.145	0.00 - 0.50
6-00056	60086	Th-230	0.883	0.0737	0.0908	2.2	0.00 - 0.50
6-00056	60086	Th-232	1.07	0.0166	0.101	3.1	0.00 - 0.50
6-00056	60086	Th-234	1.34 J	0.232	0.14	3.19	0.00 - 0.50
6-00056	60086	Tl-208	0.407	0.0132	0.0219	0.937	0.00 - 0.50
6-00056	60086	Tm-171	-0.393 UJ	12.7	4.3	72.4	0.00 - 0.50
6-00056	60086	U-233/234	0.829	0.0321	0.0795	2.02	0.00 - 0.50
6-00056	60086	U-235/236	0.0427	0.0314	0.0151	0.151	0.00 - 0.50
6-00056	60086	U-238	0.777	0.0321	0.0757	1.8	0.00 - 0.50
6-00056	60087	Ac-227	-0.0884 U	0.159	0.0539	0.217	1.00 - 1.80
6-00056	60087	Ac-228	1.01	0.0853	0.0501	2.4	1.00 - 1.80
6-00056	60087	Am-241	0.0013 U	0.0141	0.0028	0.0454	1.00 - 1.80
6-00056	60087	Bi-212	0.739	0.11	0.0688	2.15	1.00 - 1.80
6-00056	60087	Bi-214	0.796	0.0252	0.0381	1.59	1.00 - 1.80
6-00056	60087	Cd-113m	-39.9 U	109	39.2	3030	1.00 - 1.80
6-00056	60087	Cm-243/244	0.0038 U	0.0196	0.005	0.0443	1.00 - 1.80
6-00056	60087	Co-60	0.0063 U	0.0169	0.0051	0.028	1.00 - 1.80
6-00056	60087	Cs-134	-0.003 U	0.0126	0.0045	0.0864	1.00 - 1.80
6-00056	60087	Cs-137	-0.0017 U	0.0152	0.0046	0.207	1.00 - 1.80
6-00056	60087	Eu-152	0.0027 UJ	0.0393	0.0128	0.0566	1.00 - 1.80
6-00056	60087	Eu-154	-0.0439 U	0.0867	0.0283	0.15	1.00 - 1.80
6-00056	60087	Eu-155	0.0755 JS	0.0553	0.0225	0.231	1.00 - 1.80
6-00056	60087	Ho-166m	-0.0045 U	0.0226	0.007	0.0432	1.00 - 1.80
6-00056	60087	K-40	22.6	0.124	1.29	32.4	1.00 - 1.80
6-00056	60087	Na-22	-0.0022 U	0.0186	0.0056	0.037	1.00 - 1.80
6-00056	60087	Nb-94	0.0033 U	0.0132	0.004	0.0214	1.00 - 1.80
6-00056	60087	Np-236	-0.0092 U	0.0303	0.0092	0.047	1.00 - 1.80
6-00056	60087	Np-239	0.064 J	0.109	0.0357	0.139	1.00 - 1.80
6-00056	60087	Pa-231	0.121 U	0.66	0.203	0.936	1.00 - 1.80
6-00056	60087	Pb-212	1.13	0.0272	0.0678	2.69	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00056	60087	Pb-214	0.89	0.028	0.0432	1.7	1.00 - 1.80
6-00056	60087	Pu-236	0	0.0087	0.0032	7.79	1.00 - 1.80
6-00056	60087	Pu-238	-0.0019 UJ	0.0337	0.0073	0.0415	1.00 - 1.80
6-00056	60087	Pu-239/240	0.0012 UJ	0.0336	0.0079	0.0404	1.00 - 1.80
6-00056	60087	Pu-244	-0.0022 UJ	0.0197	0.0038	0.0313	1.00 - 1.80
6-00056	60087	Sb-125	-0.0103 U	0.0372	0.0113	0.354	1.00 - 1.80
6-00056	60087	Sn-126	0.0003 U	0.0144	0.0044	0.0237	1.00 - 1.80
6-00056	60087	Sr-90	0.0957 U	0.305	0.0909	0.485	1.00 - 1.80
6-00056	60087	Th-228	1.33	0.0609	0.121	3.98	1.00 - 1.80
6-00056	60087	Th-229	-0.0248 U	0.0814	0.0152	0.145	1.00 - 1.80
6-00056	60087	Th-230	0.991	0.0812	0.0988	2.2	1.00 - 1.80
6-00056	60087	Th-232	1.12	0.0167	0.105	3.1	1.00 - 1.80
6-00056	60087	Th-234	1.21 J	0.246	0.131	3.19	1.00 - 1.80
6-00056	60087	Tl-208	0.329	0.0147	0.0195	0.937	1.00 - 1.80
6-00056	60087	Tm-171	0.302 U	11	3.8	72.4	1.00 - 1.80
6-00056	60087	U-233/234	0.731	0.0544	0.0838	2.02	1.00 - 1.80
6-00056	60087	U-235/236	0.0153	0.0427	0.0126	0.151	1.00 - 1.80
6-00056	60087	U-238	0.884	0.0147	0.0951	1.8	1.00 - 1.80
6-00057	60088	Ac-227	-0.048 U	0.109	0.0357	0.217	0.00 - 0.50
6-00057	60088	Ac-228	0.864	0.0593	0.0399	2.4	0.00 - 0.50
6-00057	60088	Am-241	-0.0003 U	0.0184	0.0038	0.0454	0.00 - 0.50
6-00057	60088	Bi-212	0.58	0.0788	0.0467	2.15	0.00 - 0.50
6-00057	60088	Bi-214	0.681	0.0183	0.0309	1.59	0.00 - 0.50
6-00057	60088	Cd-113m	-29.1 U	72.5	23.6	3030	0.00 - 0.50
6-00057	60088	Cm-243/244	-0.0018 U	0.0205	0.0041	0.0443	0.00 - 0.50
6-00057	60088	Co-60	0.0039 U	0.0115	0.0035	0.028	0.00 - 0.50
6-00057	60088	Cs-134	0.0097 SJ	0.0096	0.0039	0.0864	0.00 - 0.50
6-00057	60088	Cs-137	0.0808	0.0096	0.0058	0.207	0.00 - 0.50
6-00057	60088	Eu-152	-0.0234 UJ	0.0264	0.0097	0.0566	0.00 - 0.50
6-00057	60088	Eu-154	0.0052 U	0.0602	0.0205	0.15	0.00 - 0.50
6-00057	60088	Eu-155	0.0601 SJ	0.0381	0.0174	0.231	0.00 - 0.50
6-00057	60088	Ho-166m	-0.0007 U	0.0152	0.0047	0.0432	0.00 - 0.50
6-00057	60088	K-40	23.8	0.0768	1.34	32.4	0.00 - 0.50
6-00057	60088	Na-22	-0.0017 U	0.0135	0.0041	0.037	0.00 - 0.50
6-00057	60088	Nb-94	0.0006 U	0.0089	0.0027	0.0214	0.00 - 0.50
6-00057	60088	Np-236	-0.0065 U	0.0204	0.0062	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00057	60088	Np-239	0.0132 U	0.0739	0.0227	0.139	0.00 - 0.50
6-00057	60088	Pa-231	0.155 U	0.459	0.145	0.936	0.00 - 0.50
6-00057	60088	Pb-212	0.983	0.0198	0.0584	2.69	0.00 - 0.50
6-00057	60088	Pb-214	0.767	0.0192	0.036	1.7	0.00 - 0.50
6-00057	60088	Pu-236	-0.003 U	0.0166	0.003	7.79	0.00 - 0.50
6-00057	60088	Pu-238	-0.0014 U	0.0126	0.0024	0.0415	0.00 - 0.50
6-00057	60088	Pu-239/240	-0.0003 U	0.0178	0.0037	0.0404	0.00 - 0.50
6-00057	60088	Pu-244	-0.0014 U	0.0125	0.0024	0.0313	0.00 - 0.50
6-00057	60088	Sb-125	-0.0108 U	0.0255	0.0081	0.354	0.00 - 0.50
6-00057	60088	Sn-126	-0.0029 U	0.0099	0.0031	0.0237	0.00 - 0.50
6-00057	60088	Sr-90	-0.001 U	0.186	0.0499	0.485	0.00 - 0.50
6-00057	60088	Th-228	0.836	0.135	0.0909	3.98	0.00 - 0.50
6-00057	60088	Th-229	0.0882	0.0482	0.0243	0.145	0.00 - 0.50
6-00057	60088	Th-230	0.642	0.0481	0.0688	2.2	0.00 - 0.50
6-00057	60088	Th-232	0.727	0.0479	0.0744	3.1	0.00 - 0.50
6-00057	60088	Th-234	1.08	0.165	0.105	3.19	0.00 - 0.50
6-00057	60088	Tl-208	0.298	0.0096	0.0168	0.937	0.00 - 0.50
6-00057	60088	Tm-171	-3.84 UJ	7.72	2.85	72.4	0.00 - 0.50
6-00057	60088	U-233/234	0.599	0.0384	0.0598	2.02	0.00 - 0.50
6-00057	60088	U-235/236	0.0181	0.039	0.0121	0.151	0.00 - 0.50
6-00057	60088	U-238	0.592	0.0352	0.0591	1.8	0.00 - 0.50
6-00057	60089	Ac-227	-0.0368 U	0.142	0.0444	0.217	1.00 - 4.00
6-00057	60089	Ac-228	1.26	0.0732	0.0591	2.4	1.00 - 4.00
6-00057	60089	Am-241	0.0061	0.0083	0.0043	0.0454	1.00 - 4.00
6-00057	60089	Bi-212	0.904	0.0999	0.0721	2.15	1.00 - 4.00
6-00057	60089	Bi-214	1.05	0.0224	0.0463	1.59	1.00 - 4.00
6-00057	60089	Cd-113m	-29.6 U	94.1	30.7	3030	1.00 - 4.00
6-00057	60089	Cm-243/244	-0.0016 U	0.0171	0.0034	0.0443	1.00 - 4.00
6-00057	60089	Co-60	0.0017 U	0.0132	0.0039	0.028	1.00 - 4.00
6-00057	60089	Cs-134	-0.0009 U	0.0112	0.0039	0.0864	1.00 - 4.00
6-00057	60089	Cs-137	0.0023 U	0.0128	0.0044	0.207	1.00 - 4.00
6-00057	60089	Eu-152	-0.021 UJ	0.0346	0.0128	0.0566	1.00 - 4.00
6-00057	60089	Eu-154	0.0289 U	0.0761	0.0264	0.15	1.00 - 4.00
6-00057	60089	Eu-155	0.0661 SJ	0.0487	0.0192	0.231	1.00 - 4.00
6-00057	60089	Ho-166m	-0.0015 U	0.0195	0.0059	0.0432	1.00 - 4.00
6-00057	60089	K-40	27.6	0.0954	1.63	32.4	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00057	60089	Na-22	-0.0124 UJ	0.0164	0.0059	0.037	1.00 - 4.00
6-00057	60089	Nb-94	0.0062 SJ	0.0116	0.0037	0.0214	1.00 - 4.00
6-00057	60089	Np-236	-0.0114 U	0.0264	0.0085	0.047	1.00 - 4.00
6-00057	60089	Np-239	0.0033 U	0.0957	0.029	0.139	1.00 - 4.00
6-00057	60089	Pa-231	-0.0072 U	0.587	0.179	0.936	1.00 - 4.00
6-00057	60089	Pb-212	1.48	0.0248	0.0899	2.69	1.00 - 4.00
6-00057	60089	Pb-214	1.19	0.0243	0.0561	1.7	1.00 - 4.00
6-00057	60089	Pu-236	0.0033 UJ	0.0425	0.0106	7.79	1.00 - 4.00
6-00057	60089	Pu-238	0.0059 UJ	0.0469	0.0124	0.0415	1.00 - 4.00
6-00057	60089	Pu-239/240	0.0093 UJ	0.0296	0.0084	0.0404	1.00 - 4.00
6-00057	60089	Pu-244	0.0051 UJ	0.0258	0.0066	0.0313	1.00 - 4.00
6-00057	60089	Sb-125	0.0039 U	0.0328	0.0097	0.354	1.00 - 4.00
6-00057	60089	Sn-126	-0.0014 U	0.0129	0.0039	0.0237	1.00 - 4.00
6-00057	60089	Sr-90	-0.0297 U	0.138	0.0347	0.485	1.00 - 4.00
6-00057	60089	Th-228	0.607	0.12	0.0763	3.98	1.00 - 4.00
6-00057	60089	Th-229	0.0224	0.0413	0.0138	0.145	1.00 - 4.00
6-00057	60089	Th-230	0.403	0.052	0.0539	2.2	1.00 - 4.00
6-00057	60089	Th-232	0.491	0.0411	0.0599	3.1	1.00 - 4.00
6-00057	60089	Th-234	1.62	0.199	0.127	3.19	1.00 - 4.00
6-00057	60089	Tl-208	0.444	0.0123	0.024	0.937	1.00 - 4.00
6-00057	60089	Tm-171	-1.52 U	8.71	3.08	72.4	1.00 - 4.00
6-00057	60089	U-233/234	0.453	0.037	0.0616	2.02	1.00 - 4.00
6-00057	60089	U-235/236	0.0359	0.0194	0.0163	0.151	1.00 - 4.00
6-00057	60089	U-238	0.448	0.0582	0.0622	1.8	1.00 - 4.00
6-00058	60090	Ac-227	0.0549 U	0.13	0.0408	0.217	0.00 - 0.50
6-00058	60090	Ac-228	1.05	0.0651	0.0488	2.4	0.00 - 0.50
6-00058	60090	Am-241	0.0042	0.0118	0.0035	0.0454	0.00 - 0.50
6-00058	60090	Bi-212	0.726	0.0919	0.054	2.15	0.00 - 0.50
6-00058	60090	Bi-214	0.878	0.0198	0.0397	1.59	0.00 - 0.50
6-00058	60090	Cd-113m	-22.7 U	85.4	27.2	3030	0.00 - 0.50
6-00058	60090	Cm-243/244	0.001 U	0.0147	0.0033	0.0443	0.00 - 0.50
6-00058	60090	Co-60	-0.0003 U	0.0121	0.0035	0.028	0.00 - 0.50
6-00058	60090	Cs-134	0.003 U	0.0103	0.0036	0.0864	0.00 - 0.50
6-00058	60090	Cs-137	0.017	0.0107	0.0041	0.207	0.00 - 0.50
6-00058	60090	Eu-152	0.0075 U	0.0312	0.0117	0.0566	0.00 - 0.50
6-00058	60090	Eu-154	0.0383 J	0.0678	0.0243	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00058	60090	Eu-155	0.0769 SJ	0.0454	0.0197	0.231	0.00 - 0.50
6-00058	60090	Ho-166m	-0.0077 U	0.0174	0.0057	0.0432	0.00 - 0.50
6-00058	60090	K-40	21.9	0.0877	1.37	32.4	0.00 - 0.50
6-00058	60090	Na-22	-0.0129 UJ	0.0149	0.0056	0.037	0.00 - 0.50
6-00058	60090	Nb-94	-0.0001 U	0.0103	0.0031	0.0214	0.00 - 0.50
6-00058	60090	Np-236	-0.0054 U	0.0247	0.0077	0.047	0.00 - 0.50
6-00058	60090	Np-239	-0.0119 U	0.0863	0.0259	0.139	0.00 - 0.50
6-00058	60090	Pa-231	-0.0417 U	0.535	0.167	0.936	0.00 - 0.50
6-00058	60090	Pb-212	1.2	0.0229	0.0725	2.69	0.00 - 0.50
6-00058	60090	Pb-214	0.988	0.0222	0.0456	1.7	0.00 - 0.50
6-00058	60090	Pu-236	0.0007 U	0.0155	0.003	7.79	0.00 - 0.50
6-00058	60090	Pu-238	0.0069	0.0062	0.004	0.0415	0.00 - 0.50
6-00058	60090	Pu-239/240	-0.0076 U	0.0267	0.0046	0.0404	0.00 - 0.50
6-00058	60090	Pu-244	0.0023	0.0062	0.0023	0.0313	0.00 - 0.50
6-00058	60090	Sb-125	-0.0096 U	0.029	0.0088	0.354	0.00 - 0.50
6-00058	60090	Sn-126	-0.0049 U	0.0111	0.0036	0.0237	0.00 - 0.50
6-00058	60090	Sr-90	-0.0422 U	0.186	0.0459	0.485	0.00 - 0.50
6-00058	60090	Th-228	1.19	0.116	0.11	3.98	0.00 - 0.50
6-00058	60090	Th-229	0.0478	0.0391	0.0178	0.145	0.00 - 0.50
6-00058	60090	Th-230	1	0.0493	0.0919	2.2	0.00 - 0.50
6-00058	60090	Th-232	1.04	0.0389	0.0936	3.1	0.00 - 0.50
6-00058	60090	Th-234	1.21 J	0.202	0.124	3.19	0.00 - 0.50
6-00058	60090	Tl-208	0.356	0.0111	0.0198	0.937	0.00 - 0.50
6-00058	60090	Tm-171	-3.97 UJ	10.6	3.7	72.4	0.00 - 0.50
6-00058	60090	U-233/234	0.813	0.0463	0.0765	2.02	0.00 - 0.50
6-00058	60090	U-235/236	0.0534	0.0103	0.0147	0.151	0.00 - 0.50
6-00058	60090	U-238	0.987	0.0287	0.0884	1.8	0.00 - 0.50
6-00058	60091	Ac-227	-0.0025 U	0.144	0.0431	0.217	1.00 - 2.00
6-00058	60091	Ac-228	1.05	0.0655	0.0516	2.4	1.00 - 2.00
6-00058	60091	Am-241	-0.0018 U	0.0266	0.0046	0.0454	1.00 - 2.00
6-00058	60091	Bi-212	0.748	0.0924	0.0575	2.15	1.00 - 2.00
6-00058	60091	Bi-214	0.988	0.0201	0.0438	1.59	1.00 - 2.00
6-00058	60091	Cd-113m	-78.3 UJ	96.3	37.5	3030	1.00 - 2.00
6-00058	60091	Cm-243/244	-0.0001 U	0.0294	0.0061	0.0443	1.00 - 2.00
6-00058	60091	Co-60	-0.0044 U	0.0119	0.0037	0.028	1.00 - 2.00
6-00058	60091	Cs-134	-0.0024 U	0.0103	0.0036	0.0864	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00058	60091	Cs-137	0.0015 U	0.011	0.0038	0.207	1.00 - 2.00
6-00058	60091	Eu-152	-0.0131 UJ	0.034	0.0132	0.0566	1.00 - 2.00
6-00058	60091	Eu-154	-0.0164 U	0.0706	0.0218	0.15	1.00 - 2.00
6-00058	60091	Eu-155	-0.0328 U	0.0527	0.0206	0.231	1.00 - 2.00
6-00058	60091	Ho-166m	0.0007 U	0.018	0.0053	0.0432	1.00 - 2.00
6-00058	60091	K-40	24.3	0.0861	1.58	32.4	1.00 - 2.00
6-00058	60091	Na-22	0.0002 U	0.015	0.0044	0.037	1.00 - 2.00
6-00058	60091	Nb-94	0.0064 SJ	0.0106	0.0034	0.0214	1.00 - 2.00
6-00058	60091	Np-236	-0.0051 U	0.0286	0.0085	0.047	1.00 - 2.00
6-00058	60091	Np-239	-0.0016 U	0.0972	0.0291	0.139	1.00 - 2.00
6-00058	60091	Pa-231	-0.365 U	0.583	0.215	0.936	1.00 - 2.00
6-00058	60091	Pb-212	1.24	0.0249	0.0821	2.69	1.00 - 2.00
6-00058	60091	Pb-214	1.07	0.0241	0.0517	1.7	1.00 - 2.00
6-00058	60091	Pu-236	-0.0069 UJ	0.0367	0.0064	7.79	1.00 - 2.00
6-00058	60091	Pu-238	-0.0021 UJ	0.0382	0.0083	0.0415	1.00 - 2.00
6-00058	60091	Pu-239/240	-0.0066 UJ	0.0351	0.0061	0.0404	1.00 - 2.00
6-00058	60091	Pu-244	0	0.0095	0.0035	0.0313	1.00 - 2.00
6-00058	60091	Sb-125	-0.0046 U	0.0316	0.0097	0.354	1.00 - 2.00
6-00058	60091	Sn-126	-0.0085 UJ	0.0112	0.004	0.0237	1.00 - 2.00
6-00058	60091	Sr-90	-0.0086 U	0.135	0.0357	0.485	1.00 - 2.00
6-00058	60091	Th-228	0.866	0.131	0.117	3.98	1.00 - 2.00
6-00058	60091	Th-229	0.01 U	0.129	0.0324	0.145	1.00 - 2.00
6-00058	60091	Th-230	1.04	0.0942	0.125	2.2	1.00 - 2.00
6-00058	60091	Th-232	1.32	0.0818	0.145	3.1	1.00 - 2.00
6-00058	60091	Th-234	1.3 J	0.229	0.131	3.19	1.00 - 2.00
6-00058	60091	Tl-208	0.363	0.0114	0.0199	0.937	1.00 - 2.00
6-00058	60091	Tm-171	-7.16 U	11.4	4.41	72.4	1.00 - 2.00
6-00058	60091	U-233/234	0.99	0.0533	0.103	2.02	1.00 - 2.00
6-00058	60091	U-235/236	0.127	0.0418	0.0311	0.151	1.00 - 2.00
6-00058	60091	U-238	0.79	0.048	0.0874	1.8	1.00 - 2.00
6-00059	60092	Ac-227	0.007 U	0.164	0.0501	0.217	0.00 - 0.50
6-00059	60092	Ac-228	0.981	0.0894	0.0485	2.4	0.00 - 0.50
6-00059	60092	Am-241	0.0079	0.0187	0.0057	0.0454	0.00 - 0.50
6-00059	60092	Bi-212	0.744	0.117	0.0681	2.15	0.00 - 0.50
6-00059	60092	Bi-214	0.784	0.0261	0.038	1.59	0.00 - 0.50
6-00059	60092	Cd-113m	27.6 U	108	33.4	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00059	60092	Cm-243/244	0.0027 U	0.0133	0.0033	0.0443	0.00 - 0.50
6-00059	60092	Co-60	-0.0026 U	0.0166	0.005	0.028	0.00 - 0.50
6-00059	60092	Cs-134	-0.0012 U	0.0136	0.0047	0.0864	0.00 - 0.50
6-00059	60092	Cs-137	0.0826	0.0145	0.0074	0.207	0.00 - 0.50
6-00059	60092	Eu-152	-0.0313 UJ	0.0391	0.0138	0.0566	0.00 - 0.50
6-00059	60092	Eu-154	-0.0297 U	0.0887	0.0275	0.15	0.00 - 0.50
6-00059	60092	Eu-155	0.0642 JS	0.0583	0.0266	0.231	0.00 - 0.50
6-00059	60092	Ho-166m	0.0073 U	0.0228	0.007	0.0432	0.00 - 0.50
6-00059	60092	K-40	22.8	0.119	1.29	32.4	0.00 - 0.50
6-00059	60092	Na-22	-0.0049 U	0.0202	0.0063	0.037	0.00 - 0.50
6-00059	60092	Nb-94	0.0067 U	0.0139	0.0044	0.0214	0.00 - 0.50
6-00059	60092	Np-236	-0.016 U	0.0302	0.0098	0.047	0.00 - 0.50
6-00059	60092	Np-239	0.0088 U	0.109	0.033	0.139	0.00 - 0.50
6-00059	60092	Pa-231	0.159 U	0.673	0.208	0.936	0.00 - 0.50
6-00059	60092	Pb-212	1.14	0.03	0.0688	2.69	0.00 - 0.50
6-00059	60092	Pb-214	0.862	0.0284	0.0421	1.7	0.00 - 0.50
6-00059	60092	Pu-236	-0.0009 U	0.0313	0.0072	7.79	0.00 - 0.50
6-00059	60092	Pu-238	-0.0073 U	0.037	0.0082	0.0415	0.00 - 0.50
6-00059	60092	Pu-239/240	0.01	0.0067	0.005	0.0404	0.00 - 0.50
6-00059	60092	Pu-244	0.0057	0.0158	0.0047	0.0313	0.00 - 0.50
6-00059	60092	Sb-125	0.0133 U	0.0408	0.0122	0.354	0.00 - 0.50
6-00059	60092	Sn-126	-0.0003 U	0.015	0.0045	0.0237	0.00 - 0.50
6-00059	60092	Sr-90	-0.0129 U	0.388	0.105	0.485	0.00 - 0.50
6-00059	60092	Th-228	0.827	0.118	0.104	3.98	0.00 - 0.50
6-00059	60092	Th-229	0 U	0.0862	0.0196	0.145	0.00 - 0.50
6-00059	60092	Th-230	0.623	0.0216	0.08	2.2	0.00 - 0.50
6-00059	60092	Th-232	0.812	0.0586	0.095	3.1	0.00 - 0.50
6-00059	60092	Th-234	1.35 J	0.243	0.137	3.19	0.00 - 0.50
6-00059	60092	Tl-208	0.343	0.015	0.0212	0.937	0.00 - 0.50
6-00059	60092	Tm-171	7.74 J	12	4.45	72.4	0.00 - 0.50
6-00059	60092	U-233/234	0.771	0.048	0.086	2.02	0.00 - 0.50
6-00059	60092	U-235/236	0.043	0.0517	0.02	0.151	0.00 - 0.50
6-00059	60092	U-238	0.796	0.0144	0.0874	1.8	0.00 - 0.50
6-00060	60094	Ac-227	-0.0595 U	0.154	0.0486	0.217	0.00 - 0.50
6-00060	60094	Ac-228	1.15	0.0822	0.0539	2.4	0.00 - 0.50
6-00060	60094	Am-241	0.0016	0.0043	0.0016	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00060	60094	Bi-212	0.708	0.106	0.0642	2.15	0.00 - 0.50
6-00060	60094	Bi-214	0.947	0.0244	0.0434	1.59	0.00 - 0.50
6-00060	60094	Cd-113m	3.7 U	104	32.1	3030	0.00 - 0.50
6-00060	60094	Cm-243/244	-0.0032 U	0.0173	0.0032	0.0443	0.00 - 0.50
6-00060	60094	Co-60	0.0021 U	0.0154	0.0045	0.028	0.00 - 0.50
6-00060	60094	Cs-134	0.0045 U	0.0126	0.0044	0.0864	0.00 - 0.50
6-00060	60094	Cs-137	0.106	0.0137	0.0085	0.207	0.00 - 0.50
6-00060	60094	Eu-152	0.0006 U	0.0383	0.0133	0.0566	0.00 - 0.50
6-00060	60094	Eu-154	-0.0063 U	0.0854	0.0254	0.15	0.00 - 0.50
6-00060	60094	Eu-155	0.0825 JS	0.0551	0.0233	0.231	0.00 - 0.50
6-00060	60094	Ho-166m	-0.0041 U	0.0207	0.0064	0.0432	0.00 - 0.50
6-00060	60094	K-40	24.6	0.108	1.54	32.4	0.00 - 0.50
6-00060	60094	Na-22	-0.0019 U	0.0181	0.0055	0.037	0.00 - 0.50
6-00060	60094	Nb-94	0.0095 JS	0.0127	0.0043	0.0214	0.00 - 0.50
6-00060	60094	Np-236	0.0004 U	0.0295	0.0091	0.047	0.00 - 0.50
6-00060	60094	Np-239	-0.003 U	0.105	0.0312	0.139	0.00 - 0.50
6-00060	60094	Pa-231	-0.014 U	0.645	0.201	0.936	0.00 - 0.50
6-00060	60094	Pb-212	1.41	0.0271	0.0851	2.69	0.00 - 0.50
6-00060	60094	Pb-214	1.11	0.027	0.0515	1.7	0.00 - 0.50
6-00060	60094	Pu-236	-0.0018 U	0.0166	0.0031	7.79	0.00 - 0.50
6-00060	60094	Pu-238	-0.0034 U	0.0222	0.0048	0.0415	0.00 - 0.50
6-00060	60094	Pu-239/240	0 U	0.0182	0.0041	0.0404	0.00 - 0.50
6-00060	60094	Pu-244	0.0017	0.0046	0.0017	0.0313	0.00 - 0.50
6-00060	60094	Sb-125	0.0111 U	0.0374	0.0111	0.354	0.00 - 0.50
6-00060	60094	Sn-126	-0.0005 U	0.0135	0.0041	0.0237	0.00 - 0.50
6-00060	60094	Sr-90	0.0014 U	0.078	0.0204	0.485	0.00 - 0.50
6-00060	60094	Th-228	1.47	0.093	0.138	3.98	0.00 - 0.50
6-00060	60094	Th-229	0.0286 U	0.0771	0.0227	0.145	0.00 - 0.50
6-00060	60094	Th-230	0.9	0.0526	0.0964	2.2	0.00 - 0.50
6-00060	60094	Th-232	1.23	0.0767	0.119	3.1	0.00 - 0.50
6-00060	60094	Th-234	1.57 J	0.241	0.159	3.19	0.00 - 0.50
6-00060	60094	Tl-208	0.426	0.0138	0.0234	0.937	0.00 - 0.50
6-00060	60094	Tm-171	-5.79 UJ	12.7	4.5	72.4	0.00 - 0.50
6-00060	60094	U-233/234	0.89	0.0421	0.0799	2.02	0.00 - 0.50
6-00060	60094	U-235/236	0.0416	0.0373	0.015	0.151	0.00 - 0.50
6-00060	60094	U-238	0.912	0.0528	0.082	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00061	60096	Ac-227	0.0847 U	0.184	0.0575	0.217	0.00 - 0.50
6-00061	60096	Ac-228	1.37	0.0852	0.0655	2.4	0.00 - 0.50
6-00061	60096	Am-241	0.0061	0.0111	0.0037	0.0454	0.00 - 0.50
6-00061	60096	Bi-212	1.02	0.119	0.0791	2.15	0.00 - 0.50
6-00061	60096	Bi-214	1.94	0.026	0.0821	1.59	0.00 - 0.50
6-00061	60096	Cd-113m	-126 UJ	120	51.5	3030	0.00 - 0.50
6-00061	60096	Cm-243/244	0.0046 U	0.0183	0.0051	0.0443	0.00 - 0.50
6-00061	60096	Co-60	-0.003 U	0.0152	0.0046	0.028	0.00 - 0.50
6-00061	60096	Cs-134	0.0158 JS	0.0145	0.0061	0.0864	0.00 - 0.50
6-00061	60096	Cs-137	0.0499	0.0144	0.0066	0.207	0.00 - 0.50
6-00061	60096	Eu-152	-0.0249 U	0.0437	0.0203	0.0566	0.00 - 0.50
6-00061	60096	Eu-154	-0.0501 U	0.0875	0.029	0.15	0.00 - 0.50
6-00061	60096	Eu-155	0.0816 JS	0.0639	0.0235	0.231	0.00 - 0.50
6-00061	60096	Ho-166m	0.0032 U	0.0236	0.0072	0.0432	0.00 - 0.50
6-00061	60096	K-40	23.2	0.113	1.41	32.4	0.00 - 0.50
6-00061	60096	Na-22	-0.0055 U	0.0182	0.0066	0.037	0.00 - 0.50
6-00061	60096	Nb-94	0.0032 U	0.0137	0.0042	0.0214	0.00 - 0.50
6-00061	60096	Np-236	0.0083 U	0.0345	0.0116	0.047	0.00 - 0.50
6-00061	60096	Np-239	-0.0193 U	0.121	0.036	0.139	0.00 - 0.50
6-00061	60096	Pa-231	-0.263 U	0.757	0.247	0.936	0.00 - 0.50
6-00061	60096	Pb-212	1.55	0.0323	0.0948	2.69	0.00 - 0.50
6-00061	60096	Pb-214	2.08	0.0314	0.0936	1.7	0.00 - 0.50
6-00061	60096	Pu-236	0 U	0.0156	0.003	7.79	0.00 - 0.50
6-00061	60096	Pu-238	-0.002 U	0.0187	0.0035	0.0415	0.00 - 0.50
6-00061	60096	Pu-239/240	0.008 U	0.0241	0.007	0.0404	0.00 - 0.50
6-00061	60096	Pu-244	0	0.0054	0.002	0.0313	0.00 - 0.50
6-00061	60096	Sb-125	0.0041 U	0.0413	0.0124	0.354	0.00 - 0.50
6-00061	60096	Sn-126	0.0006 U	0.0153	0.0046	0.0237	0.00 - 0.50
6-00061	60096	Sr-90	0.0534 U	0.0951	0.03	0.485	0.00 - 0.50
6-00061	60096	Th-228	1.52	0.073	0.142	3.98	0.00 - 0.50
6-00061	60096	Th-229	0.0073 U	0.0675	0.0163	0.145	0.00 - 0.50
6-00061	60096	Th-230	1.96	0.0534	0.166	2.2	0.00 - 0.50
6-00061	60096	Th-232	1.4	0.0196	0.129	3.1	0.00 - 0.50
6-00061	60096	Th-234	2.73	0.278	0.209	3.19	0.00 - 0.50
6-00061	60096	Tl-208	0.49	0.0154	0.0271	0.937	0.00 - 0.50
6-00061	60096	Tm-171	-14 UJ	12.2	5.45	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00061	60096	U-233/234	1.84	0.0242	0.151	2.02	0.00 - 0.50
6-00061	60096	U-235/236	0.142	0.0299	0.0267	0.151	0.00 - 0.50
6-00061	60096	U-238	1.87	0.0305	0.153	1.8	0.00 - 0.50
6-00062	60098	Ac-227	0.0831 J	0.14	0.0515	0.217	0.00 - 0.50
6-00062	60098	Ac-228	1.31	0.071	0.0594	2.4	0.00 - 0.50
6-00062	60098	Am-241	0.0091	0.0183	0.0057	0.0454	0.00 - 0.50
6-00062	60098	Bi-212	0.938	0.0966	0.067	2.15	0.00 - 0.50
6-00062	60098	Bi-214	1.14	0.0224	0.0501	1.59	0.00 - 0.50
6-00062	60098	Cd-113m	-45.6 U	91.3	30.5	3030	0.00 - 0.50
6-00062	60098	Cm-243/244	0 U	0.0113	0.0022	0.0443	0.00 - 0.50
6-00062	60098	Co-60	-0.0047 U	0.0134	0.0043	0.028	0.00 - 0.50
6-00062	60098	Cs-134	0.0082 JS	0.0118	0.0044	0.0864	0.00 - 0.50
6-00062	60098	Cs-137	0.111	0.0117	0.0086	0.207	0.00 - 0.50
6-00062	60098	Eu-152	-0.017 U	0.0339	0.0108	0.0566	0.00 - 0.50
6-00062	60098	Eu-154	-0.061 UJ	0.0734	0.0269	0.15	0.00 - 0.50
6-00062	60098	Eu-155	0.0894 JS	0.0481	0.0224	0.231	0.00 - 0.50
6-00062	60098	Ho-166m	0.009 U	0.0197	0.0063	0.0432	0.00 - 0.50
6-00062	60098	K-40	25.5	0.0995	1.43	32.4	0.00 - 0.50
6-00062	60098	Na-22	-0.0009 U	0.0165	0.005	0.037	0.00 - 0.50
6-00062	60098	Nb-94	0.005 U	0.0113	0.0036	0.0214	0.00 - 0.50
6-00062	60098	Np-236	-0.0173 U	0.026	0.0088	0.047	0.00 - 0.50
6-00062	60098	Np-239	-0.02 U	0.0923	0.0288	0.139	0.00 - 0.50
6-00062	60098	Pa-231	-0.238 U	0.569	0.187	0.936	0.00 - 0.50
6-00062	60098	Pb-212	1.5	0.0254	0.0886	2.69	0.00 - 0.50
6-00062	60098	Pb-214	1.22	0.0251	0.0558	1.7	0.00 - 0.50
6-00062	60098	Pu-236	0 U	0.0196	0.0042	7.79	0.00 - 0.50
6-00062	60098	Pu-238	0 U	0.0215	0.0049	0.0415	0.00 - 0.50
6-00062	60098	Pu-239/240	0.002 U	0.0215	0.0053	0.0404	0.00 - 0.50
6-00062	60098	Pu-244	0.002	0.0054	0.002	0.0313	0.00 - 0.50
6-00062	60098	Sb-125	0.0038 U	0.0339	0.01	0.354	0.00 - 0.50
6-00062	60098	Sn-126	-0.0054 U	0.0122	0.004	0.0237	0.00 - 0.50
6-00062	60098	Sr-90	0.0556 U	0.119	0.0364	0.485	0.00 - 0.50
6-00062	60098	Th-228	1.26	0.102	0.123	3.98	0.00 - 0.50
6-00062	60098	Th-229	0.0269	0.0624	0.0191	0.145	0.00 - 0.50
6-00062	60098	Th-230	0.959	0.0806	0.0995	2.2	0.00 - 0.50
6-00062	60098	Th-232	1.03	0.0181	0.102	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00062	60098	Th-234	1.65	0.206	0.143	3.19	0.00 - 0.50
6-00062	60098	Tl-208	0.464	0.0124	0.0255	0.937	0.00 - 0.50
6-00062	60098	Tm-171	2.96 UJ	10.1	3.54	72.4	0.00 - 0.50
6-00062	60098	U-233/234	0.885	0.0365	0.0793	2.02	0.00 - 0.50
6-00062	60098	U-235/236	0.0962	0.0319	0.0205	0.151	0.00 - 0.50
6-00062	60098	U-238	1.07	0.0334	0.0922	1.8	0.00 - 0.50
6-00062	60099	Ac-227	-0.0057 U	0.177	0.0543	0.217	1.00 - 5.00
6-00062	60099	Ac-228	1.19	0.0893	0.0568	2.4	1.00 - 5.00
6-00062	60099	Am-241	0.0041	0.0055	0.0029	0.0454	1.00 - 5.00
6-00062	60099	Bi-212	0.747	0.12	0.0705	2.15	1.00 - 5.00
6-00062	60099	Bi-214	1.07	0.0273	0.0492	1.59	1.00 - 5.00
6-00062	60099	Cd-113m	20.4 U	119	36.6	3030	1.00 - 5.00
6-00062	60099	Cm-243/244	-0.0012 U	0.0221	0.0048	0.0443	1.00 - 5.00
6-00062	60099	Co-60	-0.006 U	0.0158	0.0051	0.028	1.00 - 5.00
6-00062	60099	Cs-134	-0.0033 U	0.0129	0.0046	0.0864	1.00 - 5.00
6-00062	60099	Cs-137	-0.0026 U	0.0155	0.0055	0.207	1.00 - 5.00
6-00062	60099	Eu-152	0.0012 U	0.0434	0.0125	0.0566	1.00 - 5.00
6-00062	60099	Eu-154	-0.0077 U	0.0935	0.0319	0.15	1.00 - 5.00
6-00062	60099	Eu-155	0.0647 JS	0.0613	0.0251	0.231	1.00 - 5.00
6-00062	60099	Ho-166m	0.001 U	0.0247	0.0075	0.0432	1.00 - 5.00
6-00062	60099	K-40	23.6	0.131	1.34	32.4	1.00 - 5.00
6-00062	60099	Na-22	-0.0103 U	0.0198	0.0066	0.037	1.00 - 5.00
6-00062	60099	Nb-94	0.0013 U	0.0143	0.0043	0.0214	1.00 - 5.00
6-00062	60099	Np-236	-0.0166 U	0.0337	0.0107	0.047	1.00 - 5.00
6-00062	60099	Np-239	0.0126 U	0.119	0.0362	0.139	1.00 - 5.00
6-00062	60099	Pa-231	0.01 U	0.742	0.228	0.936	1.00 - 5.00
6-00062	60099	Pb-212	1.36	0.0292	0.081	2.69	1.00 - 5.00
6-00062	60099	Pb-214	1.16	0.0299	0.055	1.7	1.00 - 5.00
6-00062	60099	Pu-236	-0.0075 U	0.0313	0.0054	7.79	1.00 - 5.00
6-00062	60099	Pu-238	0.0135 U	0.0402	0.0117	0.0415	1.00 - 5.00
6-00062	60099	Pu-239/240	-0.0005 U	0.0254	0.0053	0.0404	1.00 - 5.00
6-00062	60099	Pu-244	0.0064	0.0179	0.0053	0.0313	1.00 - 5.00
6-00062	60099	Sb-125	0.0136 U	0.0403	0.0121	0.354	1.00 - 5.00
6-00062	60099	Sn-126	-0.0016 U	0.0154	0.0047	0.0237	1.00 - 5.00
6-00062	60099	Sr-90	-0.0555 U	0.239	0.0577	0.485	1.00 - 5.00
6-00062	60099	Th-228	1.21	0.118	0.122	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00062	60099	Th-229	0.0435	0.0871	0.0272	0.145	1.00 - 5.00
6-00062	60099	Th-230	1.14	0.0196	0.113	2.2	1.00 - 5.00
6-00062	60099	Th-232	1.28	0.0195	0.122	3.1	1.00 - 5.00
6-00062	60099	Th-234	1.59 J	0.265	0.165	3.19	1.00 - 5.00
6-00062	60099	Tl-208	0.401	0.0157	0.023	0.937	1.00 - 5.00
6-00062	60099	Tm-171	-4.39 U	12.2	4.39	72.4	1.00 - 5.00
6-00062	60099	U-233/234	1.15	0.0486	0.121	2.02	1.00 - 5.00
6-00062	60099	U-235/236	0.0326	0.0485	0.0181	0.151	1.00 - 5.00
6-00062	60099	U-238	1.06	0.0392	0.113	1.8	1.00 - 5.00
6-00063	60100	Ac-227	0.0037 U	0.169	0.0501	0.217	0.00 - 0.50
6-00063	60100	Ac-228	1.33	0.0869	0.0629	2.4	0.00 - 0.50
6-00063	60100	Am-241	-0.0015 U	0.0199	0.0046	0.0454	0.00 - 0.50
6-00063	60100	Bi-212	0.866	0.126	0.0706	2.15	0.00 - 0.50
6-00063	60100	Bi-214	1.09	0.0288	0.0505	1.59	0.00 - 0.50
6-00063	60100	Cd-113m	31.4 U	112	38	3030	0.00 - 0.50
6-00063	60100	Cm-243/244	0 U	0.0142	0.0031	0.0443	0.00 - 0.50
6-00063	60100	Co-60	0.0011 U	0.0163	0.0048	0.028	0.00 - 0.50
6-00063	60100	Cs-134	0.018 JS	0.0148	0.0063	0.0864	0.00 - 0.50
6-00063	60100	Cs-137	0.198	0.0148	0.013	0.207	0.00 - 0.50
6-00063	60100	Eu-152	-0.0099 U	0.041	0.0137	0.0566	0.00 - 0.50
6-00063	60100	Eu-154	0.0053 U	0.0925	0.0269	0.15	0.00 - 0.50
6-00063	60100	Eu-155	0.103 JS	0.0586	0.0225	0.231	0.00 - 0.50
6-00063	60100	Ho-166m	-0.0059 U	0.0233	0.0072	0.0432	0.00 - 0.50
6-00063	60100	K-40	22.6	0.124	1.35	32.4	0.00 - 0.50
6-00063	60100	Na-22	-0.0073 U	0.0197	0.0062	0.037	0.00 - 0.50
6-00063	60100	Nb-94	0.0116 JS	0.0139	0.0048	0.0214	0.00 - 0.50
6-00063	60100	Np-236	-0.0091 U	0.0311	0.0098	0.047	0.00 - 0.50
6-00063	60100	Np-239	-0.0683 U	0.111	0.0369	0.139	0.00 - 0.50
6-00063	60100	Pa-231	0.142 U	0.701	0.217	0.936	0.00 - 0.50
6-00063	60100	Pb-212	1.55	0.0292	0.103	2.69	0.00 - 0.50
6-00063	60100	Pb-214	1.23	0.0294	0.0623	1.7	0.00 - 0.50
6-00063	60100	Pu-236	0.0076 U	0.0272	0.0076	7.79	0.00 - 0.50
6-00063	60100	Pu-238	0.0024 U	0.0222	0.0053	0.0415	0.00 - 0.50
6-00063	60100	Pu-239/240	0.0048 U	0.0221	0.0058	0.0404	0.00 - 0.50
6-00063	60100	Pu-244	-0.0024 U	0.0175	0.0034	0.0313	0.00 - 0.50
6-00063	60100	Sb-125	0.0078 U	0.0399	0.0122	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00063	60100	Sn-126	0.0004 U	0.0152	0.0045	0.0237	0.00 - 0.50
6-00063	60100	Sr-90	0.0215 U	0.735	0.192	0.485	0.00 - 0.50
6-00063	60100	Th-228	1.24	0.093	0.124	3.98	0.00 - 0.50
6-00063	60100	Th-229	0.0143 U	0.086	0.0227	0.145	0.00 - 0.50
6-00063	60100	Th-230	0.879	0.0526	0.0951	2.2	0.00 - 0.50
6-00063	60100	Th-232	0.997	0.0524	0.103	3.1	0.00 - 0.50
6-00063	60100	Th-234	1.84	0.258	0.158	3.19	0.00 - 0.50
6-00063	60100	Tl-208	0.48	0.0151	0.0271	0.937	0.00 - 0.50
6-00063	60100	Tm-171	-1.25 UJ	13.4	4.48	72.4	0.00 - 0.50
6-00063	60100	U-233/234	1.14	0.0387	0.0986	2.02	0.00 - 0.50
6-00063	60100	U-235/236	0.0984	0.0268	0.0208	0.151	0.00 - 0.50
6-00063	60100	U-238	1.16	0.0217	0.0992	1.8	0.00 - 0.50
6-00064	60102	Ac-227	0.0217 U	0.144	0.0441	0.217	0.00 - 0.50
6-00064	60102	Ac-228	1.21	0.0692	0.0569	2.4	0.00 - 0.50
6-00064	60102	Am-241	-0.0014 U	0.017	0.0038	0.0454	0.00 - 0.50
6-00064	60102	Bi-212	0.757	0.0954	0.0625	2.15	0.00 - 0.50
6-00064	60102	Bi-214	1.01	0.0214	0.0449	1.59	0.00 - 0.50
6-00064	60102	Cd-113m	38.2 U	96.8	32.9	3030	0.00 - 0.50
6-00064	60102	Cm-243/244	-0.0029 U	0.0133	0.0025	0.0443	0.00 - 0.50
6-00064	60102	Co-60	0.0082 J	0.0133	0.0042	0.028	0.00 - 0.50
6-00064	60102	Cs-134	0.003 U	0.0112	0.0038	0.0864	0.00 - 0.50
6-00064	60102	Cs-137	0.114	0.0122	0.0079	0.207	0.00 - 0.50
6-00064	60102	Eu-152	-0.0043 U	0.0342	0.0131	0.0566	0.00 - 0.50
6-00064	60102	Eu-154	-0.0612 UJ	0.0705	0.0266	0.15	0.00 - 0.50
6-00064	60102	Eu-155	0.0684 JS	0.0513	0.0198	0.231	0.00 - 0.50
6-00064	60102	Ho-166m	-0.0061 U	0.0185	0.0058	0.0432	0.00 - 0.50
6-00064	60102	K-40	23.3	0.0888	1.34	32.4	0.00 - 0.50
6-00064	60102	Na-22	-0.0052 U	0.0154	0.0048	0.037	0.00 - 0.50
6-00064	60102	Nb-94	0.0037 U	0.0109	0.0033	0.0214	0.00 - 0.50
6-00064	60102	Np-236	-0.0124 U	0.0276	0.0106	0.047	0.00 - 0.50
6-00064	60102	Np-239	-0.0532 U	0.0943	0.0316	0.139	0.00 - 0.50
6-00064	60102	Pa-231	-0.713 UJ	0.573	0.248	0.936	0.00 - 0.50
6-00064	60102	Pb-212	1.39	0.025	0.0832	2.69	0.00 - 0.50
6-00064	60102	Pb-214	1.11	0.024	0.0516	1.7	0.00 - 0.50
6-00064	60102	Pu-236	-0.0062 U	0.0249	0.0046	7.79	0.00 - 0.50
6-00064	60102	Pu-238	-0.002 U	0.0182	0.0034	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00064	60102	Pu-239/240	0.002 U	0.0235	0.0059	0.0404	0.00 - 0.50
6-00064	60102	Pu-244	0.0039	0.0053	0.0028	0.0313	0.00 - 0.50
6-00064	60102	Sb-125	-0.0113 U	0.0327	0.01	0.354	0.00 - 0.50
6-00064	60102	Sn-126	-0.0029 U	0.0119	0.0036	0.0237	0.00 - 0.50
6-00064	60102	Sr-90	0.0402 U	0.0891	0.0272	0.485	0.00 - 0.50
6-00064	60102	Th-228	1.12	0.114	0.117	3.98	0.00 - 0.50
6-00064	60102	Th-229	-0.007 U	0.0922	0.0211	0.145	0.00 - 0.50
6-00064	60102	Th-230	0.863	0.111	0.0968	2.2	0.00 - 0.50
6-00064	60102	Th-232	0.84	0.019	0.0909	3.1	0.00 - 0.50
6-00064	60102	Th-234	1.53	0.215	0.137	3.19	0.00 - 0.50
6-00064	60102	Tl-208	0.435	0.0122	0.0233	0.937	0.00 - 0.50
6-00064	60102	Tm-171	-13.8 UJ	10.4	4.85	72.4	0.00 - 0.50
6-00064	60102	U-233/234	0.843	0.026	0.0808	2.02	0.00 - 0.50
6-00064	60102	U-235/236	0.0568	0.0322	0.0174	0.151	0.00 - 0.50
6-00064	60102	U-238	0.757	0.0499	0.0753	1.8	0.00 - 0.50
6-00064	60103	Ac-227	-0.0839 U	0.184	0.0606	0.217	1.00 - 5.00
6-00064	60103	Ac-228	1.26	0.113	0.0605	2.4	1.00 - 5.00
6-00064	60103	Am-241	0.0136	0.0053	0.0052	0.0454	1.00 - 5.00
6-00064	60103	Bi-212	0.904	0.152	0.0876	2.15	1.00 - 5.00
6-00064	60103	Bi-214	1.11	0.0341	0.0536	1.59	1.00 - 5.00
6-00064	60103	Cd-113m	36 U	124	38.4	3030	1.00 - 5.00
6-00064	60103	Cm-243/244	0.0044	0.0124	0.0037	0.0443	1.00 - 5.00
6-00064	60103	Co-60	0.0085 U	0.0217	0.0064	0.028	1.00 - 5.00
6-00064	60103	Cs-134	-0.0026 U	0.0165	0.0058	0.0864	1.00 - 5.00
6-00064	60103	Cs-137	0.0173	0.0204	0.0097	0.207	1.00 - 5.00
6-00064	60103	Eu-152	0.0084 U	0.0481	0.015	0.0566	1.00 - 5.00
6-00064	60103	Eu-154	-0.0519 U	0.113	0.0368	0.15	1.00 - 5.00
6-00064	60103	Eu-155	0.0304 JS	0.0569	0.0178	0.231	1.00 - 5.00
6-00064	60103	Ho-166m	-0.0012 U	0.0315	0.0092	0.0432	1.00 - 5.00
6-00064	60103	K-40	24.5	0.148	1.32	32.4	1.00 - 5.00
6-00064	60103	Na-22	-0.013 U	0.0243	0.0079	0.037	1.00 - 5.00
6-00064	60103	Nb-94	0.0076 U	0.0182	0.0055	0.0214	1.00 - 5.00
6-00064	60103	Np-236	-0.0114 U	0.0305	0.0093	0.047	1.00 - 5.00
6-00064	60103	Np-239	0.0686 J	0.125	0.0408	0.139	1.00 - 5.00
6-00064	60103	Pa-231	-0.127 U	0.781	0.244	0.936	1.00 - 5.00
6-00064	60103	Pb-212	1.4	0.0303	0.0776	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00064	60103	Pb-214	1.18	0.0342	0.0546	1.7	1.00 - 5.00
6-00064	60103	Pu-236	-0.0049 U	0.0333	0.0065	7.79	1.00 - 5.00
6-00064	60103	Pu-238	0.0157 U	0.0391	0.0117	0.0415	1.00 - 5.00
6-00064	60103	Pu-239/240	0.0025 U	0.0271	0.0064	0.0404	1.00 - 5.00
6-00064	60103	Pu-244	0.009	0.0081	0.0052	0.0313	1.00 - 5.00
6-00064	60103	Sb-125	0.0059 U	0.0471	0.0138	0.354	1.00 - 5.00
6-00064	60103	Sn-126	-0.007 U	0.0193	0.0059	0.0237	1.00 - 5.00
6-00064	60103	Sr-90	0.16	0.165	0.0584	0.485	1.00 - 5.00
6-00064	60103	Th-228	1.15	0.108	0.119	3.98	1.00 - 5.00
6-00064	60103	Th-229	0.0297	0.0201	0.015	0.145	1.00 - 5.00
6-00064	60103	Th-230	1.02	0.0546	0.107	2.2	1.00 - 5.00
6-00064	60103	Th-232	1.1	0.0544	0.112	3.1	1.00 - 5.00
6-00064	60103	Th-234	1.53	0.219	0.125	3.19	1.00 - 5.00
6-00064	60103	Tl-208	0.431	0.0179	0.0266	0.937	1.00 - 5.00
6-00064	60103	Tm-171	-0.875 U	6.72	2.31	72.4	1.00 - 5.00
6-00064	60103	U-233/234	0.904	0.0165	0.1	2.02	1.00 - 5.00
6-00064	60103	U-235/236	0.0526	0.0204	0.0203	0.151	1.00 - 5.00
6-00064	60103	U-238	0.944	0.0387	0.103	1.8	1.00 - 5.00
6-00065	60104	Ac-227	-0.0553 U	0.194	0.0617	0.217	1.00 - 2.75
6-00065	60104	Ac-228	1.31	0.123	0.0636	2.4	1.00 - 2.75
6-00065	60104	Am-241	0.0135	0.0061	0.0056	0.0454	1.00 - 2.75
6-00065	60104	Bi-212	1.06	0.18	0.105	2.15	1.00 - 2.75
6-00065	60104	Bi-214	1.03	0.0371	0.0502	1.59	1.00 - 2.75
6-00065	60104	C-14	0.298 U	0.688	0.209	2.96	1.00 - 2.75
6-00065	60104	Cd-113m	42.2 U	131	42.9	3030	1.00 - 2.75
6-00065	60104	Cm-243/244	0.0042 U	0.0206	0.0054	0.0443	1.00 - 2.75
6-00065	60104	Co-60	0.0187 J	0.0257	0.0082	0.028	1.00 - 2.75
6-00065	60104	Cs-134	0.0026 U	0.019	0.0065	0.0864	1.00 - 2.75
6-00065	60104	Cs-137	0.0555	0.0241	0.009	0.207	1.00 - 2.75
6-00065	60104	Eu-152	-0.0185 U	0.0507	0.0156	0.0566	1.00 - 2.75
6-00065	60104	Eu-154	-0.0456 U	0.124	0.0391	0.15	1.00 - 2.75
6-00065	60104	Eu-155	0.0799 JS	0.0575	0.0228	0.231	1.00 - 2.75
6-00065	60104	H-3	2.6 U	7.73	2.27	11.9	1.00 - 2.75
6-00065	60104	Ho-166m	-0.0041 UJ	0.0342	0.01	0.0432	1.00 - 2.75
6-00065	60104	K-40	20.9	0.168	1.15	32.4	1.00 - 2.75
6-00065	60104	Na-22	-0.0072 U	0.0268	0.008	0.037	1.00 - 2.75

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00065	60104	Nb-94	-0.0072 U	0.019	0.0058	0.0214	1.00 - 2.75
6-00065	60104	Ni-59	-0.116 U	3.05	0.859	5.96	1.00 - 2.75
6-00065	60104	Ni-63	0.318 U	1.41	0.425	4.92	1.00 - 2.75
6-00065	60104	Np-236	-0.0202 U	0.0309	0.0104	0.047	1.00 - 2.75
6-00065	60104	Np-239	0.0187 U	0.129	0.0393	0.139	1.00 - 2.75
6-00065	60104	Pa-231	0.0491 U	0.831	0.257	0.936	1.00 - 2.75
6-00065	60104	Pb-212	1.43	0.0346	0.0808	2.69	1.00 - 2.75
6-00065	60104	Pb-214	1.11	0.038	0.0521	1.7	1.00 - 2.75
6-00065	60104	Pu-236	-0.0004 U	0.0203	0.0042	7.79	1.00 - 2.75
6-00065	60104	Pu-238	0.0012 U	0.0168	0.0037	0.0415	1.00 - 2.75
6-00065	60104	Pu-239/240	0.0054 U	0.0167	0.0048	0.0404	1.00 - 2.75
6-00065	60104	Pu-244	0.0021	0.0058	0.0021	0.0313	1.00 - 2.75
6-00065	60104	Sb-125	0.0286 JS	0.054	0.0169	0.354	1.00 - 2.75
6-00065	60104	Sn-126	0.0025 U	0.022	0.0063	0.0237	1.00 - 2.75
6-00065	60104	Sr-90	-0.0645 U	0.29	0.0776	0.485	1.00 - 2.75
6-00065	60104	Tc-99	0.454 U	1.34	0.404	1.63	1.00 - 2.75
6-00065	60104	Th-228	1.3	0.107	0.128	3.98	1.00 - 2.75
6-00065	60104	Th-229	-0.0071 U	0.106	0.0255	0.145	1.00 - 2.75
6-00065	60104	Th-230	0.812	0.0761	0.0912	2.2	1.00 - 2.75
6-00065	60104	Th-232	1.25	0.0654	0.12	3.1	1.00 - 2.75
6-00065	60104	Th-234	1.66	0.23	0.14	3.19	1.00 - 2.75
6-00065	60104	Tl-208	0.459	0.0207	0.0279	0.937	1.00 - 2.75
6-00065	60104	Tm-171	-0.853 U	7.49	2.41	72.4	1.00 - 2.75
6-00065	60104	U-233/234	0.876	0.0612	0.0963	2.02	1.00 - 2.75
6-00065	60104	U-235/236	0.0347	0.0188	0.0157	0.151	1.00 - 2.75
6-00065	60104	U-238	1.14	0.0358	0.116	1.8	1.00 - 2.75
6-00066	60105	Ac-227	0.0156 U	0.185	0.055	0.217	0.00 - 0.50
6-00066	60105	Ac-228	1.27	0.0895	0.0613	2.4	0.00 - 0.50
6-00066	60105	Am-241	-0.0031 U	0.017	0.0031	0.0454	0.00 - 0.50
6-00066	60105	Bi-212	0.932	0.123	0.0752	2.15	0.00 - 0.50
6-00066	60105	Bi-214	1.03	0.0268	0.0477	1.59	0.00 - 0.50
6-00066	60105	C-14	-0.258 U	0.686	0.201	2.96	0.00 - 0.50
6-00066	60105	Cd-113m	12.7 U	124	38.2	3030	0.00 - 0.50
6-00066	60105	Cm-243/244	-0.0013 U	0.0237	0.0051	0.0443	0.00 - 0.50
6-00066	60105	Co-60	-0.0098 U	0.0155	0.0054	0.028	0.00 - 0.50
6-00066	60105	Cs-134	0.0016 U	0.0143	0.0047	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00066	60105	Cs-137	0.0097	0.0172	0.0057	0.207	0.00 - 0.50
6-00066	60105	Eu-152	-0.0237 U	0.044	0.0157	0.0566	0.00 - 0.50
6-00066	60105	Eu-154	-0.033 U	0.0933	0.0293	0.15	0.00 - 0.50
6-00066	60105	Eu-155	0.0788 JS	0.0662	0.0209	0.231	0.00 - 0.50
6-00066	60105	H-3	0.339 U	7.96	2.21	11.9	0.00 - 0.50
6-00066	60105	Ho-166m	0.0033 U	0.0237	0.0069	0.0432	0.00 - 0.50
6-00066	60105	K-40	22.1	0.111	1.26	32.4	0.00 - 0.50
6-00066	60105	Na-22	0.0056 U	0.0199	0.0069	0.037	0.00 - 0.50
6-00066	60105	Nb-94	0.0052 U	0.0143	0.0043	0.0214	0.00 - 0.50
6-00066	60105	Ni-59	-0.914 U	4.28	1.18	5.96	0.00 - 0.50
6-00066	60105	Ni-63	-0.0245 U	0.0645	0.019	4.92	0.00 - 0.50
6-00066	60105	Np-236	-0.0088 U	0.0352	0.0105	0.047	0.00 - 0.50
6-00066	60105	Np-239	0.0138 U	0.12	0.0357	0.139	0.00 - 0.50
6-00066	60105	Pa-231	-0.342 U	0.74	0.257	0.936	0.00 - 0.50
6-00066	60105	Pb-212	1.44	0.0333	0.0913	2.69	0.00 - 0.50
6-00066	60105	Pb-214	1.09	0.0314	0.0537	1.7	0.00 - 0.50
6-00066	60105	Pu-236	-0.0027 U	0.0304	0.0061	7.79	0.00 - 0.50
6-00066	60105	Pu-238	-0.0078 U	0.0368	0.0075	0.0415	0.00 - 0.50
6-00066	60105	Pu-239/240	0.0056	0.0076	0.004	0.0404	0.00 - 0.50
6-00066	60105	Pu-244	0	0.0076	0.0028	0.0313	0.00 - 0.50
6-00066	60105	Sb-125	0 U	0.0424	0.0128	0.354	0.00 - 0.50
6-00066	60105	Sn-126	-0.0054 U	0.0154	0.0048	0.0237	0.00 - 0.50
6-00066	60105	Sr-90	0.0547 U	0.447	0.124	0.485	0.00 - 0.50
6-00066	60105	Tc-99	-0.0979 U	1.16	0.344	1.63	0.00 - 0.50
6-00066	60105	Th-228	1.13	0.112	0.119	3.98	0.00 - 0.50
6-00066	60105	Th-229	0.0283	0.0657	0.0201	0.145	0.00 - 0.50
6-00066	60105	Th-230	0.917	0.0191	0.0971	2.2	0.00 - 0.50
6-00066	60105	Th-232	0.964	0.0191	0.1	3.1	0.00 - 0.50
6-00066	60105	Th-234	1.5 J	0.279	0.154	3.19	0.00 - 0.50
6-00066	60105	Tl-208	0.468	0.0164	0.0273	0.937	0.00 - 0.50
6-00066	60105	Tm-171	-6 U	12.3	4.56	72.4	0.00 - 0.50
6-00066	60105	U-233/234	0.915	0.0138	0.0953	2.02	0.00 - 0.50
6-00066	60105	U-235/236	0.0627	0.017	0.0204	0.151	0.00 - 0.50
6-00066	60105	U-238	0.941	0.0323	0.0975	1.8	0.00 - 0.50
6-00066	60106	Ac-227	0.0435 U	0.199	0.0591	0.217	1.00 - 3.25
6-00066	60106	Ac-228	1.18	0.0975	0.06	2.4	1.00 - 3.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00066	60106	Am-241	0.0019 UJ	0.0261	0.0058	0.0454	1.00 - 3.25
6-00066	60106	Bi-212	0.708 J	0.132	0.0738	2.15	1.00 - 3.25
6-00066	60106	Bi-214	0.932	0.0301	0.0448	1.59	1.00 - 3.25
6-00066	60106	C-14	-0.265 U	0.973	0.282	2.96	1.00 - 3.25
6-00066	60106	Cd-113m	-70.6 U	131	44.9	3030	1.00 - 3.25
6-00066	60106	Cm-243/244	0.0076	0.0212	0.0063	0.0443	1.00 - 3.25
6-00066	60106	Co-60	0.0016 U	0.0176	0.0051	0.028	1.00 - 3.25
6-00066	60106	Cs-134	0.0133 JS	0.0154	0.0059	0.0864	1.00 - 3.25
6-00066	60106	Cs-137	-0.0016 U	0.0172	0.0052	0.207	1.00 - 3.25
6-00066	60106	Eu-152	-0.018 UJ	0.0469	0.0212	0.0566	1.00 - 3.25
6-00066	60106	Eu-154	-0.0636 U	0.0939	0.0323	0.15	1.00 - 3.25
6-00066	60106	Eu-155	0.0067 U	0.0707	0.0216	0.231	1.00 - 3.25
6-00066	60106	H-3	1.81 U	5.45	1.6	11.9	1.00 - 3.25
6-00066	60106	Ho-166m	0.0075 U	0.0261	0.0079	0.0432	1.00 - 3.25
6-00066	60106	K-40	20.2	0.126	1.24	32.4	1.00 - 3.25
6-00066	60106	Na-22	-0.002 U	0.0209	0.0062	0.037	1.00 - 3.25
6-00066	60106	Nb-94	0.0055 U	0.0154	0.0047	0.0214	1.00 - 3.25
6-00066	60106	Ni-59	-3.64 U	6.07	2.03	5.96	1.00 - 3.25
6-00066	60106	Ni-63	0.0177 U	1.04	0.306	4.92	1.00 - 3.25
6-00066	60106	Np-236	-0.002 U	0.0378	0.0116	0.047	1.00 - 3.25
6-00066	60106	Np-239	-0.0591 U	0.132	0.0416	0.139	1.00 - 3.25
6-00066	60106	Pa-231	-0.644 UJ	0.81	0.295	0.936	1.00 - 3.25
6-00066	60106	Pb-212	1.34	0.0339	0.0827	2.69	1.00 - 3.25
6-00066	60106	Pb-214	1.02	0.034	0.0496	1.7	1.00 - 3.25
6-00066	60106	Pu-236	0.0044	0.0119	0.0044	7.79	1.00 - 3.25
6-00066	60106	Pu-238	0.0066 UJ	0.0331	0.0085	0.0415	1.00 - 3.25
6-00066	60106	Pu-239/240	0.0084	0.0114	0.006	0.0404	1.00 - 3.25
6-00066	60106	Pu-244	-0.003 UJ	0.0267	0.0052	0.0313	1.00 - 3.25
6-00066	60106	Sb-125	0.0087 U	0.0443	0.0132	0.354	1.00 - 3.25
6-00066	60106	Sn-126	-0.0009 U	0.0167	0.0051	0.0237	1.00 - 3.25
6-00066	60106	Sr-90	-0.0533 U	0.276	0.0729	0.485	1.00 - 3.25
6-00066	60106	Tc-99	0.154 U	0.794	0.232	1.63	1.00 - 3.25
6-00066	60106	Th-228	1.31	0.115	0.127	3.98	1.00 - 3.25
6-00066	60106	Th-229	0.0138 U	0.0639	0.0169	0.145	1.00 - 3.25
6-00066	60106	Th-230	1.03	0.0638	0.104	2.2	1.00 - 3.25
6-00066	60106	Th-232	1.18	0.0636	0.114	3.1	1.00 - 3.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00066	60106	Th-234	1.33 J	0.296	0.147	3.19	1.00 - 3.25
6-00066	60106	Tl-208	0.428	0.0162	0.0256	0.937	1.00 - 3.25
6-00066	60106	Tm-171	-8.48 U	12.9	4.97	72.4	1.00 - 3.25
6-00066	60106	U-233/234	1.05	0.0508	0.115	2.02	1.00 - 3.25
6-00066	60106	U-235/236	0.0717	0.0216	0.0245	0.151	1.00 - 3.25
6-00066	60106	U-238	0.979	0.0175	0.108	1.8	1.00 - 3.25
6-00067	60107	Ac-227	0.0557 U	0.193	0.0597	0.217	0.00 - 0.50
6-00067	60107	Ac-228	1.17	0.0967	0.0579	2.4	0.00 - 0.50
6-00067	60107	Am-241	-0.0096 U	0.0295	0.0051	0.0454	0.00 - 0.50
6-00067	60107	Bi-212	0.925	0.132	0.078	2.15	0.00 - 0.50
6-00067	60107	Bi-214	0.952	0.0282	0.0453	1.59	0.00 - 0.50
6-00067	60107	C-14	0.105 U	0.69	0.207	2.96	0.00 - 0.50
6-00067	60107	Cd-113m	12.3 U	129	40.6	3030	0.00 - 0.50
6-00067	60107	Cm-243/244	-0.0032 U	0.0281	0.006	0.0443	0.00 - 0.50
6-00067	60107	Co-60	0.0044 U	0.0181	0.0052	0.028	0.00 - 0.50
6-00067	60107	Cs-134	0.0069 U	0.0149	0.0052	0.0864	0.00 - 0.50
6-00067	60107	Cs-137	0.0346	0.0173	0.0093	0.207	0.00 - 0.50
6-00067	60107	Eu-152	0.0082 U	0.0474	0.0166	0.0566	0.00 - 0.50
6-00067	60107	Eu-154	-0.0433 U	0.095	0.0312	0.15	0.00 - 0.50
6-00067	60107	Eu-155	0.0352 U	0.0723	0.0228	0.231	0.00 - 0.50
6-00067	60107	H-3	0.386 U	9.08	2.52	11.9	0.00 - 0.50
6-00067	60107	Ho-166m	0.002 U	0.0258	0.0076	0.0432	0.00 - 0.50
6-00067	60107	K-40	22.1	0.117	1.29	32.4	0.00 - 0.50
6-00067	60107	Na-22	-0.0115 U	0.0208	0.0068	0.037	0.00 - 0.50
6-00067	60107	Nb-94	0.0056 U	0.015	0.0045	0.0214	0.00 - 0.50
6-00067	60107	Ni-59	0.349 U	5.64	1.44	5.96	0.00 - 0.50
6-00067	60107	Ni-63	-0.0194 U	0.0692	0.0204	4.92	0.00 - 0.50
6-00067	60107	Np-236	0.0066 U	0.0377	0.0113	0.047	0.00 - 0.50
6-00067	60107	Np-239	-0.0484 U	0.128	0.0409	0.139	0.00 - 0.50
6-00067	60107	Pa-231	-0.522 U	0.781	0.273	0.936	0.00 - 0.50
6-00067	60107	Pb-212	1.43	0.0348	0.0869	2.69	0.00 - 0.50
6-00067	60107	Pb-214	1.03	0.0332	0.05	1.7	0.00 - 0.50
6-00067	60107	Pu-236	0.0008 U	0.0192	0.0037	7.79	0.00 - 0.50
6-00067	60107	Pu-238	-0.0057 U	0.0348	0.0072	0.0415	0.00 - 0.50
6-00067	60107	Pu-239/240	0.0056	0.0076	0.004	0.0404	0.00 - 0.50
6-00067	60107	Pu-244	0.0056	0.0076	0.004	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00067	60107	Sb-125	-0.003 U	0.0445	0.013	0.354	0.00 - 0.50
6-00067	60107	Sn-126	0.0009 U	0.0162	0.0048	0.0237	0.00 - 0.50
6-00067	60107	Sr-90	-0.123 U	0.381	0.0961	0.485	0.00 - 0.50
6-00067	60107	Tc-99	0.801 U	1.72	0.524	1.63	0.00 - 0.50
6-00067	60107	Th-228	1.03	0.1	0.11	3.98	0.00 - 0.50
6-00067	60107	Th-229	0.0068 U	0.0733	0.018	0.145	0.00 - 0.50
6-00067	60107	Th-230	0.788	0.05	0.0869	2.2	0.00 - 0.50
6-00067	60107	Th-232	1.05	0.0184	0.104	3.1	0.00 - 0.50
6-00067	60107	Th-234	1.31 J	0.311	0.147	3.19	0.00 - 0.50
6-00067	60107	Tl-208	0.422	0.0172	0.0245	0.937	0.00 - 0.50
6-00067	60107	Tm-171	-1.24 U	14.7	4.91	72.4	0.00 - 0.50
6-00067	60107	U-233/234	0.729	0.0332	0.0817	2.02	0.00 - 0.50
6-00067	60107	U-235/236	0.058	0.0175	0.0198	0.151	0.00 - 0.50
6-00067	60107	U-238	0.8	0.0332	0.0873	1.8	0.00 - 0.50
6-00067	60108	Ac-227	0.058 U	0.243	0.0727	0.217	1.00 - 2.00
6-00067	60108	Ac-228	1.14	0.111	0.061	2.4	1.00 - 2.00
6-00067	60108	Am-241	-0.003 U	0.0201	0.0037	0.0454	1.00 - 2.00
6-00067	60108	Bi-212	0.814 J	0.207	0.212	2.15	1.00 - 2.00
6-00067	60108	Bi-214	0.857	0.0335	0.0441	1.59	1.00 - 2.00
6-00067	60108	C-14	-0.146 U	0.966	0.283	2.96	1.00 - 2.00
6-00067	60108	Cd-113m	-57.5 U	164	58.9	3030	1.00 - 2.00
6-00067	60108	Cm-243/244	-0.0016 U	0.0273	0.0054	0.0443	1.00 - 2.00
6-00067	60108	Co-60	0.0053 U	0.0202	0.0059	0.028	1.00 - 2.00
6-00067	60108	Cs-134	0.0931 ZJS	0.0235	0.023	0.0864	1.00 - 2.00
6-00067	60108	Cs-137	0.0055 U	0.0198	0.006	0.207	1.00 - 2.00
6-00067	60108	Eu-152	-0.0354 UJ	0.0569	0.0356	0.0566	1.00 - 2.00
6-00067	60108	Eu-154	-0.0291 U	0.108	0.0336	0.15	1.00 - 2.00
6-00067	60108	Eu-155	0.0094 U	0.0936	0.0285	0.231	1.00 - 2.00
6-00067	60108	H-3	1.46 U	7.34	2.09	11.9	1.00 - 2.00
6-00067	60108	Ho-166m	-0.0006 U	0.0292	0.0087	0.0432	1.00 - 2.00
6-00067	60108	K-40	20.3	0.128	1.33	32.4	1.00 - 2.00
6-00067	60108	Na-22	0.0016 U	0.024	0.007	0.037	1.00 - 2.00
6-00067	60108	Nb-94	0.0087 JS	0.0171	0.0054	0.0214	1.00 - 2.00
6-00067	60108	Ni-59	-1.94 U	4.99	1.55	5.96	1.00 - 2.00
6-00067	60108	Ni-63	0.358 U	1.04	0.314	4.92	1.00 - 2.00
6-00067	60108	Np-236	-0.0045 U	0.0497	0.0152	0.047	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00067	60108	Np-239	-0.0144 U	0.166	0.0513	0.139	1.00 - 2.00
6-00067	60108	Pa-231	-0.891 UJ	1.02	0.376	0.936	1.00 - 2.00
6-00067	60108	Pb-212	1.68	0.0412	0.123	2.69	1.00 - 2.00
6-00067	60108	Pb-214	0.938	0.0406	0.0556	1.7	1.00 - 2.00
6-00067	60108	Pu-236	0	0.0065	0.0024	7.79	1.00 - 2.00
6-00067	60108	Pu-238	0.0006 U	0.0147	0.0028	0.0415	1.00 - 2.00
6-00067	60108	Pu-239/240	-0.0004 U	0.0208	0.0043	0.0404	1.00 - 2.00
6-00067	60108	Pu-244	0.0029 U	0.0146	0.0037	0.0313	1.00 - 2.00
6-00067	60108	Sb-125	0.0168 U	0.0529	0.016	0.354	1.00 - 2.00
6-00067	60108	Sn-126	-0.0018 U	0.0186	0.0056	0.0237	1.00 - 2.00
6-00067	60108	Sr-90	0.214 U	0.394	0.123	0.485	1.00 - 2.00
6-00067	60108	Tc-99	0.153 U	0.792	0.232	1.63	1.00 - 2.00
6-00067	60108	Th-228	1.12	0.11	0.115	3.98	1.00 - 2.00
6-00067	60108	Th-229	0 U	0.0645	0.0139	0.145	1.00 - 2.00
6-00067	60108	Th-230	0.866	0.051	0.0928	2.2	1.00 - 2.00
6-00067	60108	Th-232	1.07	0.0641	0.107	3.1	1.00 - 2.00
6-00067	60108	Th-234	1.38 J	0.478	0.378	3.19	1.00 - 2.00
6-00067	60108	Tl-208	0.395	0.0184	0.0248	0.937	1.00 - 2.00
6-00067	60108	Tm-171	18.6 J	24.7	9.16	72.4	1.00 - 2.00
6-00067	60108	U-233/234	0.84	0.0616	0.0962	2.02	1.00 - 2.00
6-00067	60108	U-235/236	0.067	0.0686	0.0273	0.151	1.00 - 2.00
6-00067	60108	U-238	0.979	0.0484	0.107	1.8	1.00 - 2.00
6-00068	60109	Ac-227	0.107 J	0.177	0.058	0.217	1.00 - 5.00
6-00068	60109	Ac-228	1.11	0.0783	0.0552	2.4	1.00 - 5.00
6-00068	60109	Am-241	0.0061	0.0055	0.0035	0.0454	1.00 - 5.00
6-00068	60109	Bi-212	0.731 J	0.155	0.181	2.15	1.00 - 5.00
6-00068	60109	Bi-214	0.762	0.024	0.0366	1.59	1.00 - 5.00
6-00068	60109	C-14	0.0927 U	0.645	0.193	2.96	1.00 - 5.00
6-00068	60109	Cd-113m	-87.2 U	117	46.2	3030	1.00 - 5.00
6-00068	60109	Cm-243/244	0.0011 U	0.0161	0.0036	0.0443	1.00 - 5.00
6-00068	60109	Co-60	0.0013 UJ	0.0146	0.0043	0.028	1.00 - 5.00
6-00068	60109	Cs-134	0.0248 JS	0.0142	0.0075	0.0864	1.00 - 5.00
6-00068	60109	Cs-137	0.0108 J	0.0149	0.005	0.207	1.00 - 5.00
6-00068	60109	Eu-152	0.0586 J	0.0419	0.027	0.0566	1.00 - 5.00
6-00068	60109	Eu-154	0.0109 U	0.0806	0.0243	0.15	1.00 - 5.00
6-00068	60109	Eu-155	0.0465 JS	0.0671	0.0231	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00068	60109	H-3	0 U	6.63	1.83	11.9	1.00 - 5.00
6-00068	60109	Ho-166m	0.0157 JS	0.0222	0.0075	0.0432	1.00 - 5.00
6-00068	60109	K-40	19.4	0.0931	1.25	32.4	1.00 - 5.00
6-00068	60109	Na-22	-0.0162 UJ	0.0163	0.0063	0.037	1.00 - 5.00
6-00068	60109	Nb-94	0.0034 U	0.0123	0.0037	0.0214	1.00 - 5.00
6-00068	60109	Ni-59	0.923 U	4.76	1.27	5.96	1.00 - 5.00
6-00068	60109	Ni-63	0.0283 U	1.28	0.384	4.92	1.00 - 5.00
6-00068	60109	Np-236	-0.0206 U	0.0352	0.0119	0.047	1.00 - 5.00
6-00068	60109	Np-239	-0.0295 U	0.118	0.0373	0.139	1.00 - 5.00
6-00068	60109	Pa-231	-0.3 U	0.708	0.258	0.936	1.00 - 5.00
6-00068	60109	Pb-212	1.57	0.0305	0.113	2.69	1.00 - 5.00
6-00068	60109	Pb-214	0.814	0.0289	0.0456	1.7	1.00 - 5.00
6-00068	60109	Pu-236	0.0029 U	0.0142	0.0036	7.79	1.00 - 5.00
6-00068	60109	Pu-238	0.0012 U	0.0168	0.0037	0.0415	1.00 - 5.00
6-00068	60109	Pu-239/240	-0.0019 U	0.0213	0.0043	0.0404	1.00 - 5.00
6-00068	60109	Pu-244	0.0043	0.0058	0.003	0.0313	1.00 - 5.00
6-00068	60109	Sb-125	0.0018 U	0.0383	0.0114	0.354	1.00 - 5.00
6-00068	60109	Sn-126	-0.0014 U	0.0137	0.0041	0.0237	1.00 - 5.00
6-00068	60109	Sr-90	-0.0405 U	0.199	0.0493	0.485	1.00 - 5.00
6-00068	60109	Tc-99	-0.321 U	1.18	0.347	1.63	1.00 - 5.00
6-00068	60109	Th-228	1.3	0.0999	0.124	3.98	1.00 - 5.00
6-00068	60109	Th-229	0.0198 U	0.0709	0.0198	0.145	1.00 - 5.00
6-00068	60109	Th-230	0.861	0.061	0.0908	2.2	1.00 - 5.00
6-00068	60109	Th-232	0.97	0.0178	0.0971	3.1	1.00 - 5.00
6-00068	60109	Th-234	0.579 J	0.341	0.181	3.19	1.00 - 5.00
6-00068	60109	Tl-208	0.403	0.0138	0.0232	0.937	1.00 - 5.00
6-00068	60109	Tm-171	-8.38 U	17.8	6.05	72.4	1.00 - 5.00
6-00068	60109	U-233/234	0.728	0.0374	0.072	2.02	1.00 - 5.00
6-00068	60109	U-235/236	0.069	0.027	0.0184	0.151	1.00 - 5.00
6-00068	60109	U-238	0.785	0.031	0.0759	1.8	1.00 - 5.00
6-00069	60110	Ac-227	-0.0063 U	0.132	0.0406	0.217	1.00 - 5.00
6-00069	60110	Ac-228	1.25	0.0659	0.0565	2.4	1.00 - 5.00
6-00069	60110	Am-241	0.0031 U	0.0237	0.006	0.0454	1.00 - 5.00
6-00069	60110	Bi-212	0.891	0.0927	0.0641	2.15	1.00 - 5.00
6-00069	60110	Bi-214	0.925	0.0207	0.0414	1.59	1.00 - 5.00
6-00069	60110	C-14	0.479	0.591	0.183	2.96	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00069	60110	Cd-113m	43.9 U	89.6	29.1	3030	1.00 - 5.00
6-00069	60110	Cm-243/244	0.0062 U	0.0199	0.0056	0.0443	1.00 - 5.00
6-00069	60110	Co-60	0.002 UJ	0.0131	0.0039	0.028	1.00 - 5.00
6-00069	60110	Cs-134	0.0019 U	0.0104	0.0036	0.0864	1.00 - 5.00
6-00069	60110	Cs-137	0.0173 J	0.012	0.0048	0.207	1.00 - 5.00
6-00069	60110	Eu-152	-0.017 U	0.0327	0.0105	0.0566	1.00 - 5.00
6-00069	60110	Eu-154	0.0454 J	0.0706	0.0254	0.15	1.00 - 5.00
6-00069	60110	Eu-155	0.0897 JS	0.0446	0.0211	0.231	1.00 - 5.00
6-00069	60110	H-3	2.06 U	6.64	1.96	11.9	1.00 - 5.00
6-00069	60110	Ho-166m	-0.0036 U	0.0186	0.0058	0.0432	1.00 - 5.00
6-00069	60110	K-40	21	0.0969	1.19	32.4	1.00 - 5.00
6-00069	60110	Na-22	-0.0109 UJ	0.0144	0.0052	0.037	1.00 - 5.00
6-00069	60110	Nb-94	-0.0022 U	0.0106	0.0033	0.0214	1.00 - 5.00
6-00069	60110	Ni-59	-2.59 U	4.46	1.49	5.96	1.00 - 5.00
6-00069	60110	Ni-63	0.212 U	1.45	0.437	4.92	1.00 - 5.00
6-00069	60110	Np-236	-0.0048 U	0.0244	0.0073	0.047	1.00 - 5.00
6-00069	60110	Np-239	-0.0447 U	0.085	0.0284	0.139	1.00 - 5.00
6-00069	60110	Pa-231	0.138 U	0.54	0.169	0.936	1.00 - 5.00
6-00069	60110	Pb-212	1.46	0.0232	0.0861	2.69	1.00 - 5.00
6-00069	60110	Pb-214	1.03	0.023	0.0477	1.7	1.00 - 5.00
6-00069	60110	Pu-236	-0.0041 U	0.022	0.0038	7.79	1.00 - 5.00
6-00069	60110	Pu-238	-0.0039 U	0.0209	0.0037	0.0415	1.00 - 5.00
6-00069	60110	Pu-239/240	0.0002 U	0.0209	0.0047	0.0404	1.00 - 5.00
6-00069	60110	Pu-244	0	0.0056	0.0021	0.0313	1.00 - 5.00
6-00069	60110	Sb-125	0.0091 U	0.0314	0.0094	0.354	1.00 - 5.00
6-00069	60110	Sn-126	-0.0016 U	0.0118	0.0036	0.0237	1.00 - 5.00
6-00069	60110	Sr-90	-0.0447 U	0.193	0.0472	0.485	1.00 - 5.00
6-00069	60110	Tc-99	-0.591 U	1.09	0.316	1.63	1.00 - 5.00
6-00069	60110	Th-228	1.27	0.106	0.129	3.98	1.00 - 5.00
6-00069	60110	Th-229	-0.0375 U	0.113	0.0225	0.145	1.00 - 5.00
6-00069	60110	Th-230	0.696	0.0696	0.0848	2.2	1.00 - 5.00
6-00069	60110	Th-232	1.15	0.055	0.116	3.1	1.00 - 5.00
6-00069	60110	Th-234	1.59	0.191	0.135	3.19	1.00 - 5.00
6-00069	60110	Tl-208	0.457	0.0112	0.0246	0.937	1.00 - 5.00
6-00069	60110	Tm-171	1.63 U	9.3	3.23	72.4	1.00 - 5.00
6-00069	60110	U-233/234	0.76	0.0495	0.0743	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00069	60110	U-235/236	0.0364	0.0373	0.0148	0.151	1.00 - 5.00
6-00069	60110	U-238	0.763	0.0476	0.0744	1.8	1.00 - 5.00
6-00070	60111	Ac-227	-0.0426 U	0.162	0.0513	0.217	1.00 - 5.00
6-00070	60111	Ac-228	1.44	0.102	0.0649	2.4	1.00 - 5.00
6-00070	60111	Am-241	0.0101	0.0117	0.0044	0.0454	1.00 - 5.00
6-00070	60111	Bi-212	0.964	0.14	0.0932	2.15	1.00 - 5.00
6-00070	60111	Bi-214	1.07	0.0299	0.0518	1.59	1.00 - 5.00
6-00070	60111	C-14	-0.197 U	0.706	0.207	2.96	1.00 - 5.00
6-00070	60111	Cd-113m	-10.6 U	109	35.7	3030	1.00 - 5.00
6-00070	60111	Cm-243/244	0.0051	0.0093	0.0031	0.0443	1.00 - 5.00
6-00070	60111	Co-60	0.0052 U	0.0198	0.0057	0.028	1.00 - 5.00
6-00070	60111	Cs-134	-0.0009 U	0.0158	0.0055	0.0864	1.00 - 5.00
6-00070	60111	Cs-137	0.0113 J	0.0194	0.0063	0.207	1.00 - 5.00
6-00070	60111	Eu-152	-0.0389 UJ	0.042	0.0157	0.0566	1.00 - 5.00
6-00070	60111	Eu-154	-0.0671 U	0.107	0.0365	0.15	1.00 - 5.00
6-00070	60111	Eu-155	0.0843 SJ	0.0471	0.0214	0.231	1.00 - 5.00
6-00070	60111	H-3	2.07 U	6.68	1.97	11.9	1.00 - 5.00
6-00070	60111	Ho-166m	-0.0161 U	0.0275	0.0091	0.0432	1.00 - 5.00
6-00070	60111	K-40	22.4	0.147	1.22	32.4	1.00 - 5.00
6-00070	60111	Na-22	-0.0107 U	0.0229	0.0073	0.037	1.00 - 5.00
6-00070	60111	Nb-94	0.0052 U	0.0167	0.0049	0.0214	1.00 - 5.00
6-00070	60111	Ni-59	0.785 U	6.18	1.55	5.96	1.00 - 5.00
6-00070	60111	Ni-63	-0.211 U	1.33	0.396	4.92	1.00 - 5.00
6-00070	60111	Np-236	-0.0165 U	0.0259	0.0087	0.047	1.00 - 5.00
6-00070	60111	Np-239	-0.0079 U	0.107	0.033	0.139	1.00 - 5.00
6-00070	60111	Pa-231	0.176 U	0.718	0.225	0.936	1.00 - 5.00
6-00070	60111	Pb-212	1.61	0.0278	0.0894	2.69	1.00 - 5.00
6-00070	60111	Pb-214	1.12	0.0307	0.0514	1.7	1.00 - 5.00
6-00070	60111	Pu-236	0.0006 U	0.0129	0.0025	7.79	1.00 - 5.00
6-00070	60111	Pu-238	-0.0022 U	0.0174	0.0031	0.0415	1.00 - 5.00
6-00070	60111	Pu-239/240	0.0035 U	0.0173	0.0045	0.0404	1.00 - 5.00
6-00070	60111	Pu-244	0.0019	0.0052	0.0019	0.0313	1.00 - 5.00
6-00070	60111	Sb-125	0.0103 U	0.0445	0.0133	0.354	1.00 - 5.00
6-00070	60111	Sn-126	0.0064 U	0.0193	0.0057	0.0237	1.00 - 5.00
6-00070	60111	Sr-90	0.0678 U	0.327	0.0924	0.485	1.00 - 5.00
6-00070	60111	Tc-99	-0.411 U	1.22	0.356	1.63	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00070	60111	Th-228	1.17	0.109	0.117	3.98	1.00 - 5.00
6-00070	60111	Th-229	0.0543	0.05	0.0217	0.145	1.00 - 5.00
6-00070	60111	Th-230	0.914	0.0499	0.0952	2.2	1.00 - 5.00
6-00070	60111	Th-232	0.986	0.0497	0.0999	3.1	1.00 - 5.00
6-00070	60111	Th-234	1.69	0.187	0.121	3.19	1.00 - 5.00
6-00070	60111	Tl-208	0.498	0.0174	0.0288	0.937	1.00 - 5.00
6-00070	60111	Tm-171	5.23 J	6.25	2.32	72.4	1.00 - 5.00
6-00070	60111	U-233/234	0.745	0.0478	0.0712	2.02	1.00 - 5.00
6-00070	60111	U-235/236	0.0558	0.0274	0.0158	0.151	1.00 - 5.00
6-00070	60111	U-238	0.732	0.0362	0.0697	1.8	1.00 - 5.00
6-00071	60112	Ac-227	-0.0507 U	0.112	0.0369	0.217	1.00 - 5.00
6-00071	60112	Ac-228	1.1	0.0592	0.0498	2.4	1.00 - 5.00
6-00071	60112	Am-241	0.0077	0.0114	0.0041	0.0454	1.00 - 5.00
6-00071	60112	Bi-212	0.759	0.0835	0.0551	2.15	1.00 - 5.00
6-00071	60112	Bi-214	0.702	0.0179	0.0321	1.59	1.00 - 5.00
6-00071	60112	C-14	0.158 U	0.909	0.273	2.96	1.00 - 5.00
6-00071	60112	Cd-113m	0.455 UJ	75.4	23.2	3030	1.00 - 5.00
6-00071	60112	Cm-243/244	-0.0016 U	0.0204	0.0047	0.0443	1.00 - 5.00
6-00071	60112	Co-60	0.0026 U	0.0111	0.0034	0.028	1.00 - 5.00
6-00071	60112	Cs-134	0.0022 U	0.0094	0.0032	0.0864	1.00 - 5.00
6-00071	60112	Cs-137	0.0375	0.0098	0.005	0.207	1.00 - 5.00
6-00071	60112	Eu-152	0.0069 U	0.0283	0.0094	0.0566	1.00 - 5.00
6-00071	60112	Eu-154	0.0035 U	0.0592	0.0201	0.15	1.00 - 5.00
6-00071	60112	Eu-155	0.0524 JS	0.0396	0.0185	0.231	1.00 - 5.00
6-00071	60112	H-3	0.144 U	5.25	1.47	11.9	1.00 - 5.00
6-00071	60112	Ho-166m	0.0012 U	0.0158	0.0048	0.0432	1.00 - 5.00
6-00071	60112	K-40	20	0.0788	1.13	32.4	1.00 - 5.00
6-00071	60112	Na-22	-0.0006 U	0.0133	0.0047	0.037	1.00 - 5.00
6-00071	60112	Nb-94	0.0047 JS	0.0095	0.003	0.0214	1.00 - 5.00
6-00071	60112	Ni-59	-1.01 U	2.6	0.787	5.96	1.00 - 5.00
6-00071	60112	Ni-63	-0.252 U	1.26	0.377	4.92	1.00 - 5.00
6-00071	60112	Np-236	-0.0014 U	0.0216	0.0064	0.047	1.00 - 5.00
6-00071	60112	Np-239	-0.022 U	0.0764	0.0241	0.139	1.00 - 5.00
6-00071	60112	Pa-231	-0.196 U	0.466	0.153	0.936	1.00 - 5.00
6-00071	60112	Pb-212	1.24	0.0205	0.0732	2.69	1.00 - 5.00
6-00071	60112	Pb-214	0.815	0.0198	0.0381	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00071	60112	Pu-236	0.0029 U	0.0313	0.0077	7.79	1.00 - 5.00
6-00071	60112	Pu-238	-0.0055 U	0.0328	0.0067	0.0415	1.00 - 5.00
6-00071	60112	Pu-239/240	0.0027 U	0.0253	0.0061	0.0404	1.00 - 5.00
6-00071	60112	Pu-244	0 U	0.0201	0.0039	0.0313	1.00 - 5.00
6-00071	60112	Sb-125	-0.0026 U	0.0266	0.0079	0.354	1.00 - 5.00
6-00071	60112	Sn-126	0.0011 U	0.0102	0.0031	0.0237	1.00 - 5.00
6-00071	60112	Sr-90	0.104 U	0.172	0.0541	0.485	1.00 - 5.00
6-00071	60112	Tc-99	-0.0087 U	1.17	0.347	1.63	1.00 - 5.00
6-00071	60112	Th-228	1.22	0.0779	0.126	3.98	1.00 - 5.00
6-00071	60112	Th-229	0.0232 U	0.0931	0.0257	0.145	1.00 - 5.00
6-00071	60112	Th-230	0.773	0.0718	0.0912	2.2	1.00 - 5.00
6-00071	60112	Th-232	1.21	0.0567	0.121	3.1	1.00 - 5.00
6-00071	60112	Th-234	1.37 J	0.171	0.115	3.19	1.00 - 5.00
6-00071	60112	Tl-208	0.393	0.0102	0.021	0.937	1.00 - 5.00
6-00071	60112	Tm-171	-1.06 U	8.1	2.82	72.4	1.00 - 5.00
6-00071	60112	U-233/234	0.645	0.0596	0.0772	2.02	1.00 - 5.00
6-00071	60112	U-235/236	0.0676	0.0183	0.022	0.151	1.00 - 5.00
6-00071	60112	U-238	0.826	0.0148	0.0906	1.8	1.00 - 5.00
6-00072	60113	Ac-227	0.0217 U	0.191	0.0586	0.217	1.00 - 5.00
6-00072	60113	Ac-228	1.18	0.0927	0.0592	2.4	1.00 - 5.00
6-00072	60113	Am-241	0.0294	0.0426	0.0144	0.0454	1.00 - 5.00
6-00072	60113	Bi-212	0.878	0.12	0.0676	2.15	1.00 - 5.00
6-00072	60113	Bi-214	0.898	0.0282	0.0426	1.59	1.00 - 5.00
6-00072	60113	C-14	-0.367 U	0.683	0.198	2.96	1.00 - 5.00
6-00072	60113	Cd-113m	-78.1 U	123	45.8	3030	1.00 - 5.00
6-00072	60113	Cm-243/244	0.0157	0.0321	0.0102	0.0443	1.00 - 5.00
6-00072	60113	Co-60	0.0054 U	0.0167	0.0049	0.028	1.00 - 5.00
6-00072	60113	Cs-134	-0.0004 UJ	0.0146	0.0051	0.0864	1.00 - 5.00
6-00072	60113	Cs-137	-0.0064 U	0.0155	0.005	0.207	1.00 - 5.00
6-00072	60113	Eu-152	0.0029 U	0.0451	0.016	0.0566	1.00 - 5.00
6-00072	60113	Eu-154	0.0091 U	0.0889	0.0299	0.15	1.00 - 5.00
6-00072	60113	Eu-155	0.0687 JS	0.0683	0.0234	0.231	1.00 - 5.00
6-00072	60113	H-3	4.04 U	9.18	2.77	11.9	1.00 - 5.00
6-00072	60113	Ho-166m	0.0072 UJ	0.0249	0.0076	0.0432	1.00 - 5.00
6-00072	60113	K-40	22.1	0.14	1.34	32.4	1.00 - 5.00
6-00072	60113	Na-22	-0.0026 U	0.0197	0.0059	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00072	60113	Nb-94	0.0035 U	0.014	0.0042	0.0214	1.00 - 5.00
6-00072	60113	Ni-59	-0.61 U	6.01	1.63	5.96	1.00 - 5.00
6-00072	60113	Ni-63	0.835	1.53	0.474	4.92	1.00 - 5.00
6-00072	60113	Np-236	0.0022 U	0.0366	0.0113	0.047	1.00 - 5.00
6-00072	60113	Np-239	0.0683 J	0.13	0.0425	0.139	1.00 - 5.00
6-00072	60113	Pa-231	0.181 U	0.78	0.25	0.936	1.00 - 5.00
6-00072	60113	Pb-212	1.45	0.0353	0.0887	2.69	1.00 - 5.00
6-00072	60113	Pb-214	1.01	0.0318	0.0486	1.7	1.00 - 5.00
6-00072	60113	Pu-236	-0.0015 U	0.0133	0.0026	7.79	1.00 - 5.00
6-00072	60113	Pu-238	-0.0028 U	0.0153	0.0028	0.0415	1.00 - 5.00
6-00072	60113	Pu-239/240	0.0044	0.0123	0.0036	0.0404	1.00 - 5.00
6-00072	60113	Pu-244	0.0005 U	0.0123	0.0024	0.0313	1.00 - 5.00
6-00072	60113	Sb-125	-0.0133 U	0.0431	0.0132	0.354	1.00 - 5.00
6-00072	60113	Sn-126	-0.0009 U	0.0154	0.0046	0.0237	1.00 - 5.00
6-00072	60113	Sr-90	0.0463 U	0.24	0.0677	0.485	1.00 - 5.00
6-00072	60113	Tc-99	-0.0969 U	0.763	0.226	1.63	1.00 - 5.00
6-00072	60113	Th-228	1.78	0.0998	0.163	3.98	1.00 - 5.00
6-00072	60113	Th-229	0 U	0.0798	0.0182	0.145	1.00 - 5.00
6-00072	60113	Th-230	1.03	0.02	0.106	2.2	1.00 - 5.00
6-00072	60113	Th-232	1.28	0.02	0.123	3.1	1.00 - 5.00
6-00072	60113	Th-234	1.38 J	0.299	0.148	3.19	1.00 - 5.00
6-00072	60113	Tl-208	0.428	0.0157	0.0244	0.937	1.00 - 5.00
6-00072	60113	Tm-171	-2.71 U	15.1	5.12	72.4	1.00 - 5.00
6-00072	60113	U-233/234	0.872	0.0483	0.0943	2.02	1.00 - 5.00
6-00072	60113	U-235/236	0.0527	0.0179	0.019	0.151	1.00 - 5.00
6-00072	60113	U-238	0.965	0.0145	0.101	1.8	1.00 - 5.00
6-00073	60114	Ac-227	-0.0139 U	0.123	0.0383	0.217	1.00 - 5.00
6-00073	60114	Ac-228	1.08	0.0776	0.0487	2.4	1.00 - 5.00
6-00073	60114	Am-241	0.0086	0.0106	0.0041	0.0454	1.00 - 5.00
6-00073	60114	Bi-212	0.87	0.106	0.0672	2.15	1.00 - 5.00
6-00073	60114	Bi-214	0.781	0.0233	0.0369	1.59	1.00 - 5.00
6-00073	60114	C-14	0.418 U	0.879	0.267	2.96	1.00 - 5.00
6-00073	60114	Cd-113m	-9.73 U	82.9	25.9	3030	1.00 - 5.00
6-00073	60114	Cm-243/244	0 U	0.03	0.0079	0.0443	1.00 - 5.00
6-00073	60114	Co-60	-0.0019 U	0.0146	0.0043	0.028	1.00 - 5.00
6-00073	60114	Cs-134	-0.002 U	0.0114	0.004	0.0864	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00073	60114	Cs-137	0.0594	0.0136	0.0068	0.207	1.00 - 5.00
6-00073	60114	Eu-152	-0.0125 U	0.0317	0.0098	0.0566	1.00 - 5.00
6-00073	60114	Eu-154	-0.0797 UJ	0.0796	0.0313	0.15	1.00 - 5.00
6-00073	60114	Eu-155	0.0596 JS	0.0364	0.0168	0.231	1.00 - 5.00
6-00073	60114	H-3	3.06	4.95	1.54	11.9	1.00 - 5.00
6-00073	60114	Ho-166m	-0.0024 U	0.021	0.0062	0.0432	1.00 - 5.00
6-00073	60114	K-40	19.1	0.113	1.03	32.4	1.00 - 5.00
6-00073	60114	Na-22	-0.0052 U	0.0175	0.0053	0.037	1.00 - 5.00
6-00073	60114	Nb-94	0.0055 U	0.0126	0.0038	0.0214	1.00 - 5.00
6-00073	60114	Ni-59	-0.865 U	1.91	0.661	5.96	1.00 - 5.00
6-00073	60114	Ni-63	0.0553 U	1.08	0.323	4.92	1.00 - 5.00
6-00073	60114	Np-236	0.004 U	0.0199	0.0066	0.047	1.00 - 5.00
6-00073	60114	Np-239	-0.0114 U	0.0811	0.0252	0.139	1.00 - 5.00
6-00073	60114	Pa-231	-0.0168 U	0.516	0.161	0.936	1.00 - 5.00
6-00073	60114	Pb-212	1.22	0.0219	0.0679	2.69	1.00 - 5.00
6-00073	60114	Pb-214	0.828	0.0228	0.0379	1.7	1.00 - 5.00
6-00073	60114	Pu-236	-0.0071 U	0.0234	0.0044	7.79	1.00 - 5.00
6-00073	60114	Pu-238	0.0017 U	0.0124	0.0029	0.0415	1.00 - 5.00
6-00073	60114	Pu-239/240	-0.0084 U	0.0268	0.0056	0.0404	1.00 - 5.00
6-00073	60114	Pu-244	0 U	0.0124	0.0024	0.0313	1.00 - 5.00
6-00073	60114	Sb-125	-0.0009 U	0.0322	0.0096	0.354	1.00 - 5.00
6-00073	60114	Sn-126	-0.0046 U	0.0136	0.0041	0.0237	1.00 - 5.00
6-00073	60114	Sr-90	0.15	0.195	0.0634	0.485	1.00 - 5.00
6-00073	60114	Tc-99	-0.412 U	1.29	0.368	1.63	1.00 - 5.00
6-00073	60114	Th-228	1.31	0.124	0.137	3.98	1.00 - 5.00
6-00073	60114	Th-229	0.0163 U	0.107	0.0283	0.145	1.00 - 5.00
6-00073	60114	Th-230	0.766	0.0877	0.0936	2.2	1.00 - 5.00
6-00073	60114	Th-232	1.15	0.022	0.119	3.1	1.00 - 5.00
6-00073	60114	Th-234	1.23	0.148	0.0917	3.19	1.00 - 5.00
6-00073	60114	Tl-208	0.39	0.0128	0.0223	0.937	1.00 - 5.00
6-00073	60114	Tm-171	0.358 UJ	4.58	1.47	72.4	1.00 - 5.00
6-00073	60114	U-233/234	0.709	0.046	0.0689	2.02	1.00 - 5.00
6-00073	60114	U-235/236	0.0416	0.0407	0.0159	0.151	1.00 - 5.00
6-00073	60114	U-238	0.75	0.0576	0.0725	1.8	1.00 - 5.00
6-00074	60115	Ac-227	-0.0505 U	0.171	0.053	0.217	1.00 - 5.00
6-00074	60115	Ac-228	1.6	0.0793	0.0768	2.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00074	60115	Am-241	0.0058	0.0052	0.0034	0.0454	1.00 - 5.00
6-00074	60115	Bi-212	0.995	0.119	0.0755	2.15	1.00 - 5.00
6-00074	60115	Bi-214	0.976	0.0247	0.0445	1.59	1.00 - 5.00
6-00074	60115	C-14	0.122 U	0.775	0.233	2.96	1.00 - 5.00
6-00074	60115	Cd-113m	-111 UJ	114	45.6	3030	1.00 - 5.00
6-00074	60115	Cm-243/244	0.002 U	0.0181	0.0044	0.0443	1.00 - 5.00
6-00074	60115	Co-60	0.0036 U	0.0149	0.0044	0.028	1.00 - 5.00
6-00074	60115	Cs-134	0.0008 U	0.0124	0.0042	0.0864	1.00 - 5.00
6-00074	60115	Cs-137	0.0222	0.0151	0.006	0.207	1.00 - 5.00
6-00074	60115	Eu-152	0.0239 J	0.0408	0.017	0.0566	1.00 - 5.00
6-00074	60115	Eu-154	0.0092 U	0.081	0.0242	0.15	1.00 - 5.00
6-00074	60115	Eu-155	0.0652 JS	0.0635	0.0221	0.231	1.00 - 5.00
6-00074	60115	H-3	3.49	5.08	1.6	11.9	1.00 - 5.00
6-00074	60115	Ho-166m	0.0032 U	0.0219	0.0065	0.0432	1.00 - 5.00
6-00074	60115	K-40	24.3	0.109	1.59	32.4	1.00 - 5.00
6-00074	60115	Na-22	-0.0075 U	0.017	0.0054	0.037	1.00 - 5.00
6-00074	60115	Nb-94	0.0097 JS	0.0129	0.0044	0.0214	1.00 - 5.00
6-00074	60115	Ni-59	-0.666 U	2.73	0.776	5.96	1.00 - 5.00
6-00074	60115	Ni-63	-0.663 U	1.42	0.414	4.92	1.00 - 5.00
6-00074	60115	Np-236	-0.0175 U	0.0336	0.0122	0.047	1.00 - 5.00
6-00074	60115	Np-239	-0.0512 U	0.115	0.0369	0.139	1.00 - 5.00
6-00074	60115	Pa-231	-0.298 U	0.712	0.26	0.936	1.00 - 5.00
6-00074	60115	Pb-212	1.84	0.0308	0.121	2.69	1.00 - 5.00
6-00074	60115	Pb-214	1.18	0.0291	0.0576	1.7	1.00 - 5.00
6-00074	60115	Pu-236	0.0075	0.0181	0.0054	7.79	1.00 - 5.00
6-00074	60115	Pu-238	0.0028 U	0.0213	0.0057	0.0415	1.00 - 5.00
6-00074	60115	Pu-239/240	0.0043	0.0104	0.0032	0.0404	1.00 - 5.00
6-00074	60115	Pu-244	0.0085	0.0038	0.0035	0.0313	1.00 - 5.00
6-00074	60115	Sb-125	-0.0155 U	0.0383	0.0124	0.354	1.00 - 5.00
6-00074	60115	Sn-126	-0.0029 U	0.0139	0.0042	0.0237	1.00 - 5.00
6-00074	60115	Sr-90	0.0034 U	0.117	0.0315	0.485	1.00 - 5.00
6-00074	60115	Tc-99	-0.285 U	1.16	0.34	1.63	1.00 - 5.00
6-00074	60115	Th-228	1.37	0.0199	0.128	3.98	1.00 - 5.00
6-00074	60115	Th-229	0.0339	0.0499	0.018	0.145	1.00 - 5.00
6-00074	60115	Th-230	0.811	0.0628	0.0887	2.2	1.00 - 5.00
6-00074	60115	Th-232	1.23	0.0496	0.116	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00074	60115	Th-234	1.76 J	0.271	0.166	3.19	1.00 - 5.00
6-00074	60115	Tl-208	0.539	0.0144	0.0289	0.937	1.00 - 5.00
6-00074	60115	Tm-171	-10.7 U	13.9	5.61	72.4	1.00 - 5.00
6-00074	60115	U-233/234	0.841	0.0365	0.0873	2.02	1.00 - 5.00
6-00074	60115	U-235/236	0.0629	0.0155	0.0195	0.151	1.00 - 5.00
6-00074	60115	U-238	0.848	0.0295	0.0878	1.8	1.00 - 5.00
6-00075	60116	Ac-227	0.0005 U	0.153	0.0453	0.217	1.00 - 5.00
6-00075	60116	Ac-228	1.04	0.0866	0.0505	2.4	1.00 - 5.00
6-00075	60116	Am-241	0.0059 U	0.0182	0.0052	0.0454	1.00 - 5.00
6-00075	60116	Bi-212	0.752	0.129	0.0703	2.15	1.00 - 5.00
6-00075	60116	Bi-214	0.724	0.0259	0.0371	1.59	1.00 - 5.00
6-00075	60116	C-14	0.0863 U	0.817	0.245	2.96	1.00 - 5.00
6-00075	60116	Cd-113m	-26.7 U	101	30.8	3030	1.00 - 5.00
6-00075	60116	Cm-243/244	-0.0007 U	0.0272	0.0062	0.0443	1.00 - 5.00
6-00075	60116	Co-60	-0.0044 U	0.0161	0.0049	0.028	1.00 - 5.00
6-00075	60116	Cs-134	0.0002 U	0.0136	0.0046	0.0864	1.00 - 5.00
6-00075	60116	Cs-137	0.0098 J	0.0164	0.0058	0.207	1.00 - 5.00
6-00075	60116	Eu-152	0.0178 U	0.0406	0.0142	0.0566	1.00 - 5.00
6-00075	60116	Eu-154	0.0014 U	0.0927	0.0279	0.15	1.00 - 5.00
6-00075	60116	Eu-155	0.0573 JS	0.0499	0.0193	0.231	1.00 - 5.00
6-00075	60116	H-3	4.24	8.21	2.52	11.9	1.00 - 5.00
6-00075	60116	Ho-166m	-0.0051 U	0.0251	0.0076	0.0432	1.00 - 5.00
6-00075	60116	K-40	18.2	0.124	1.03	32.4	1.00 - 5.00
6-00075	60116	Na-22	-0.0043 U	0.0196	0.0059	0.037	1.00 - 5.00
6-00075	60116	Nb-94	0.0069 U	0.0148	0.0046	0.0214	1.00 - 5.00
6-00075	60116	Ni-59	1.58 U	7.06	1.72	5.96	1.00 - 5.00
6-00075	60116	Ni-63	0.546 U	1.42	0.432	4.92	1.00 - 5.00
6-00075	60116	Np-236	-0.0094 UJ	0.0277	0.0089	0.047	1.00 - 5.00
6-00075	60116	Np-239	0.015 U	0.104	0.0306	0.139	1.00 - 5.00
6-00075	60116	Pa-231	0.373 J	0.655	0.224	0.936	1.00 - 5.00
6-00075	60116	Pb-212	1.22	0.0295	0.0711	2.69	1.00 - 5.00
6-00075	60116	Pb-214	0.792	0.0285	0.0376	1.7	1.00 - 5.00
6-00075	60116	Pu-236	-0.0359 U	0.104	0.0224	7.79	1.00 - 5.00
6-00075	60116	Pu-238	0.0056 U	0.0935	0.0244	0.0415	1.00 - 5.00
6-00075	60116	Pu-239/240	0.0056 U	0.0412	0.0097	0.0404	1.00 - 5.00
6-00075	60116	Pu-244	0	0.0152	0.0056	0.0313	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00075	60116	Sb-125	-0.0001 U	0.0392	0.0119	0.354	1.00 - 5.00
6-00075	60116	Sn-126	-0.0079 U	0.0151	0.005	0.0237	1.00 - 5.00
6-00075	60116	Sr-90	0.169 U	0.304	0.0946	0.485	1.00 - 5.00
6-00075	60116	Tc-99	-0.469 U	1.23	0.362	1.63	1.00 - 5.00
6-00075	60116	Th-228	1.05	0.128	0.115	3.98	1.00 - 5.00
6-00075	60116	Th-229	0.0221 U	0.0685	0.0196	0.145	1.00 - 5.00
6-00075	60116	Th-230	0.817	0.0683	0.0924	2.2	1.00 - 5.00
6-00075	60116	Th-232	0.924	0.0681	0.0998	3.1	1.00 - 5.00
6-00075	60116	Th-234	1.29	0.206	0.125	3.19	1.00 - 5.00
6-00075	60116	Tl-208	0.392	0.0156	0.0232	0.937	1.00 - 5.00
6-00075	60116	Tm-171	-6.31 U	9.37	3.53	72.4	1.00 - 5.00
6-00075	60116	U-233/234	0.624	0.0728	0.0816	2.02	1.00 - 5.00
6-00075	60116	U-235/236	0.0294	0.0651	0.0204	0.151	1.00 - 5.00
6-00075	60116	U-238	0.604	0.0728	0.0799	1.8	1.00 - 5.00
6-00076	60117	Ac-227	-0.0029 U	0.207	0.0636	0.217	1.00 - 3.00
6-00076	60117	Ac-228	1.22	0.131	0.0609	2.4	1.00 - 3.00
6-00076	60117	Am-241	0.0006 U	0.0128	0.0025	0.0454	1.00 - 3.00
6-00076	60117	Bi-212	0.966	0.183	0.0942	2.15	1.00 - 3.00
6-00076	60117	Bi-214	1.26	0.0371	0.0603	1.59	1.00 - 3.00
6-00076	60117	C-14	0.266 U	0.668	0.203	2.96	1.00 - 3.00
6-00076	60117	Cd-113m	43.9 U	141	43.9	3030	1.00 - 3.00
6-00076	60117	Cm-243/244	-0.0003 U	0.0184	0.0038	0.0443	1.00 - 3.00
6-00076	60117	Co-60	0.0091 UJ	0.027	0.0078	0.028	1.00 - 3.00
6-00076	60117	Cs-134	0.0087 U	0.0196	0.0068	0.0864	1.00 - 3.00
6-00076	60117	Cs-137	0.0025 UJ	0.0229	0.0079	0.207	1.00 - 3.00
6-00076	60117	Eu-152	-0.021 U	0.0538	0.0167	0.0566	1.00 - 3.00
6-00076	60117	Eu-154	-0.0059 U	0.141	0.0418	0.15	1.00 - 3.00
6-00076	60117	Eu-155	0.0497 JS	0.0592	0.027	0.231	1.00 - 3.00
6-00076	60117	H-3	1.47 U	6.99	2.02	11.9	1.00 - 3.00
6-00076	60117	Ho-166m	0.0083 U	0.0368	0.0106	0.0432	1.00 - 3.00
6-00076	60117	K-40	23.5	0.18	1.29	32.4	1.00 - 3.00
6-00076	60117	Na-22	-0.007 U	0.03	0.0089	0.037	1.00 - 3.00
6-00076	60117	Nb-94	0.0097 U	0.021	0.0063	0.0214	1.00 - 3.00
6-00076	60117	Ni-59	0.153 U	4.93	1.34	5.96	1.00 - 3.00
6-00076	60117	Ni-63	-0.266 U	1.33	0.398	4.92	1.00 - 3.00
6-00076	60117	Np-236	-0.0343 UJ	0.032	0.0126	0.047	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00076	60117	Np-239	-0.0313 U	0.135	0.0422	0.139	1.00 - 3.00
6-00076	60117	Pa-231	-0.125 U	0.875	0.274	0.936	1.00 - 3.00
6-00076	60117	Pb-212	1.34	0.0374	0.0763	2.69	1.00 - 3.00
6-00076	60117	Pb-214	1.32	0.0375	0.0603	1.7	1.00 - 3.00
6-00076	60117	Pu-236	0.0007 UJ	0.0169	0.0033	7.79	1.00 - 3.00
6-00076	60117	Pu-238	0.0134	0.0161	0.0065	0.0415	1.00 - 3.00
6-00076	60117	Pu-239/240	0.0021 UJ	0.0228	0.0054	0.0404	1.00 - 3.00
6-00076	60117	Pu-244	0.0025	0.0068	0.0025	0.0313	1.00 - 3.00
6-00076	60117	Sb-125	-0.0111 U	0.0537	0.0162	0.354	1.00 - 3.00
6-00076	60117	Sn-126	0.0069 U	0.0228	0.0066	0.0237	1.00 - 3.00
6-00076	60117	Sr-90	-0.0305 U	0.195	0.048	0.485	1.00 - 3.00
6-00076	60117	Tc-99	-0.473 U	1.13	0.329	1.63	1.00 - 3.00
6-00076	60117	Th-228	1.24	0.129	0.123	3.98	1.00 - 3.00
6-00076	60117	Th-229	0.0595	0.0794	0.0275	0.145	1.00 - 3.00
6-00076	60117	Th-230	1.17	0.071	0.112	2.2	1.00 - 3.00
6-00076	60117	Th-232	1.16	0.0484	0.11	3.1	1.00 - 3.00
6-00076	60117	Th-234	1.74	0.243	0.146	3.19	1.00 - 3.00
6-00076	60117	Tl-208	0.437	0.0215	0.027	0.937	1.00 - 3.00
6-00076	60117	Tm-171	6.44 J	7.99	2.93	72.4	1.00 - 3.00
6-00076	60117	U-233/234	1.05	0.0248	0.0979	2.02	1.00 - 3.00
6-00076	60117	U-235/236	0.0722	0.013	0.0193	0.151	1.00 - 3.00
6-00076	60117	U-238	0.992	0.0352	0.0941	1.8	1.00 - 3.00
6-00077	60118	Ac-227	-0.0968 U	0.173	0.0571	0.217	1.00 - 5.00
6-00077	60118	Ac-228	1.41	0.0938	0.0665	2.4	1.00 - 5.00
6-00077	60118	Am-241	0.0003 U	0.0214	0.0048	0.0454	1.00 - 5.00
6-00077	60118	Bi-212	0.911	0.128	0.0774	2.15	1.00 - 5.00
6-00077	60118	Bi-214	0.953	0.0288	0.0457	1.59	1.00 - 5.00
6-00077	60118	C-14	0.0226 U	0.856	0.256	2.96	1.00 - 5.00
6-00077	60118	Cd-113m	1.26 U	116	37.2	3030	1.00 - 5.00
6-00077	60118	Cm-243/244	0.0006 U	0.0137	0.0027	0.0443	1.00 - 5.00
6-00077	60118	Co-60	0.0007 U	0.0175	0.0052	0.028	1.00 - 5.00
6-00077	60118	Cs-134	0.0014 U	0.0144	0.0048	0.0864	1.00 - 5.00
6-00077	60118	Cs-137	-0.0048 U	0.0165	0.0051	0.207	1.00 - 5.00
6-00077	60118	Eu-152	-0.0465 UJ	0.0416	0.018	0.0566	1.00 - 5.00
6-00077	60118	Eu-154	0.016 U	0.0971	0.0282	0.15	1.00 - 5.00
6-00077	60118	Eu-155	0.088 JS	0.0605	0.023	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00077	60118	H-3	1.69 U	7.5	2.16	11.9	1.00 - 5.00
6-00077	60118	Ho-166m	-0.0045 U	0.0249	0.0076	0.0432	1.00 - 5.00
6-00077	60118	K-40	22.7	0.126	1.36	32.4	1.00 - 5.00
6-00077	60118	Na-22	-0.0048 U	0.021	0.0064	0.037	1.00 - 5.00
6-00077	60118	Nb-94	0.01 JS	0.015	0.0049	0.0214	1.00 - 5.00
6-00077	60118	Ni-59	-1.27 U	4.73	1.39	5.96	1.00 - 5.00
6-00077	60118	Ni-63	-0.467 U	1.49	0.433	4.92	1.00 - 5.00
6-00077	60118	Np-236	-0.0082 UJ	0.032	0.0105	0.047	1.00 - 5.00
6-00077	60118	Np-239	0.0135 U	0.114	0.0337	0.139	1.00 - 5.00
6-00077	60118	Pa-231	0.22 UJ	0.719	0.225	0.936	1.00 - 5.00
6-00077	60118	Pb-212	1.6	0.0299	0.107	2.69	1.00 - 5.00
6-00077	60118	Pb-214	1.04	0.0305	0.0544	1.7	1.00 - 5.00
6-00077	60118	Pu-236	0.0041 UJ	0.0368	0.0091	7.79	1.00 - 5.00
6-00077	60118	Pu-238	0.0024 UJ	0.0406	0.0099	0.0415	1.00 - 5.00
6-00077	60118	Pu-239/240	0.0114	0.0221	0.0074	0.0404	1.00 - 5.00
6-00077	60118	Pu-244	0	0.0094	0.0035	0.0313	1.00 - 5.00
6-00077	60118	Sb-125	-0.0051 U	0.0426	0.0131	0.354	1.00 - 5.00
6-00077	60118	Sn-126	0.0072 U	0.0163	0.005	0.0237	1.00 - 5.00
6-00077	60118	Sr-90	0.04 U	0.152	0.0447	0.485	1.00 - 5.00
6-00077	60118	Tc-99	-0.649 U	1.25	0.364	1.63	1.00 - 5.00
6-00077	60118	Th-228	1.29	0.092	0.139	3.98	1.00 - 5.00
6-00077	60118	Th-229	-0.0091 UJ	0.119	0.0273	0.145	1.00 - 5.00
6-00077	60118	Th-230	0.827	0.119	0.104	2.2	1.00 - 5.00
6-00077	60118	Th-232	1.26	0.0246	0.132	3.1	1.00 - 5.00
6-00077	60118	Th-234	1.49	0.266	0.145	3.19	1.00 - 5.00
6-00077	60118	Tl-208	0.491	0.0158	0.0275	0.937	1.00 - 5.00
6-00077	60118	Tm-171	-3.17 U	13.7	4.66	72.4	1.00 - 5.00
6-00077	60118	U-233/234	0.667	0.0414	0.0737	2.02	1.00 - 5.00
6-00077	60118	U-235/236	0.0566	0.0153	0.0183	0.151	1.00 - 5.00
6-00077	60118	U-238	0.77	0.0292	0.0813	1.8	1.00 - 5.00
6-00079	60120	Ac-227	-0.008 U	0.156	0.0461	0.217	1.00 - 2.50
6-00079	60120	Ac-228	1.04	0.0886	0.0499	2.4	1.00 - 2.50
6-00079	60120	Am-241	0.0033 U	0.0168	0.0043	0.0454	1.00 - 2.50
6-00079	60120	Bi-212	0.802	0.119	0.0687	2.15	1.00 - 2.50
6-00079	60120	Bi-214	0.68	0.0266	0.0342	1.59	1.00 - 2.50
6-00079	60120	C-14	-0.123 U	0.957	0.28	2.96	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00079	60120	Cd-113m	34.4 U	107	33.2	3030	1.00 - 2.50
6-00079	60120	Cm-243/244	0.0006 U	0.0137	0.0026	0.0443	1.00 - 2.50
6-00079	60120	Co-60	-0.0025 U	0.0155	0.0046	0.028	1.00 - 2.50
6-00079	60120	Cs-134	-0.0098 U	0.013	0.0052	0.0864	1.00 - 2.50
6-00079	60120	Cs-137	-0.0031 U	0.0161	0.0048	0.207	1.00 - 2.50
6-00079	60120	Eu-152	-0.0156 U	0.0396	0.013	0.0566	1.00 - 2.50
6-00079	60120	Eu-154	-0.0408 U	0.0876	0.0278	0.15	1.00 - 2.50
6-00079	60120	Eu-155	0.125 JS	0.0547	0.0263	0.231	1.00 - 2.50
6-00079	60120	H-3	0.694 U	5.98	1.67	11.9	1.00 - 2.50
6-00079	60120	Ho-166m	0.0116 U	0.0243	0.0075	0.0432	1.00 - 2.50
6-00079	60120	K-40	20.1	0.122	1.09	32.4	1.00 - 2.50
6-00079	60120	Na-22	-0.0015 U	0.0192	0.0057	0.037	1.00 - 2.50
6-00079	60120	Nb-94	0.0046 U	0.0136	0.0041	0.0214	1.00 - 2.50
6-00079	60120	Ni-59	-0.759 U	4.58	1.29	5.96	1.00 - 2.50
6-00079	60120	Ni-63	0.778	1.12	0.352	4.92	1.00 - 2.50
6-00079	60120	Np-236	-0.0175 U	0.0297	0.0101	0.047	1.00 - 2.50
6-00079	60120	Np-239	0.0186 U	0.106	0.0313	0.139	1.00 - 2.50
6-00079	60120	Pa-231	-0.0202 U	0.659	0.195	0.936	1.00 - 2.50
6-00079	60120	Pb-212	1.16	0.0278	0.0668	2.69	1.00 - 2.50
6-00079	60120	Pb-214	0.772	0.0274	0.0386	1.7	1.00 - 2.50
6-00079	60120	Pu-236	0.0007 U	0.0158	0.0031	7.79	1.00 - 2.50
6-00079	60120	Pu-238	0.0007 U	0.0149	0.0029	0.0415	1.00 - 2.50
6-00079	60120	Pu-239/240	-0.0034 U	0.0185	0.0033	0.0404	1.00 - 2.50
6-00079	60120	Pu-244	0.0023	0.0063	0.0023	0.0313	1.00 - 2.50
6-00079	60120	Sb-125	0.0217 JS	0.0392	0.0126	0.354	1.00 - 2.50
6-00079	60120	Sn-126	0.0031 U	0.015	0.0044	0.0237	1.00 - 2.50
6-00079	60120	Sr-90	-0.0767 U	0.185	0.0417	0.485	1.00 - 2.50
6-00079	60120	Tc-99	-0.156 U	0.808	0.223	1.63	1.00 - 2.50
6-00079	60120	Th-228	1.53	0.068	0.138	3.98	1.00 - 2.50
6-00079	60120	Th-229	0.0067 U	0.0946	0.0242	0.145	1.00 - 2.50
6-00079	60120	Th-230	0.849	0.0181	0.0898	2.2	1.00 - 2.50
6-00079	60120	Th-232	1.27	0.0491	0.118	3.1	1.00 - 2.50
6-00079	60120	Th-234	1.23 J	0.24	0.124	3.19	1.00 - 2.50
6-00079	60120	Tl-208	0.379	0.0148	0.0227	0.937	1.00 - 2.50
6-00079	60120	Tm-171	-3.05 U	9.65	3.31	72.4	1.00 - 2.50
6-00079	60120	U-233/234	0.779	0.0555	0.088	2.02	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00079	60120	U-235/236	0.0498	0.0436	0.0203	0.151	1.00 - 2.50
6-00079	60120	U-238	0.804	0.0353	0.0894	1.8	1.00 - 2.50
6-00080	60121	Ac-227	-0.0151 U	0.14	0.0418	0.217	1.00 - 4.50
6-00080	60121	Ac-228	1.41	0.077	0.0631	2.4	1.00 - 4.50
6-00080	60121	Am-241	-0.0023 UJ	0.0207	0.004	0.0454	1.00 - 4.50
6-00080	60121	Bi-212	1.12	0.106	0.0799	2.15	1.00 - 4.50
6-00080	60121	Bi-214	1.02	0.0224	0.0461	1.59	1.00 - 4.50
6-00080	60121	C-14	0.0918 U	0.869	0.261	2.96	1.00 - 4.50
6-00080	60121	Cd-113m	-21.9 U	92.1	28.8	3030	1.00 - 4.50
6-00080	60121	Cm-243/244	0.0009 UJ	0.0209	0.004	0.0443	1.00 - 4.50
6-00080	60121	Co-60	0.0086 J	0.0146	0.0046	0.028	1.00 - 4.50
6-00080	60121	Cs-134	0.0047 U	0.0116	0.004	0.0864	1.00 - 4.50
6-00080	60121	Cs-137	0.0037 U	0.0133	0.0046	0.207	1.00 - 4.50
6-00080	60121	Eu-152	-0.0066 U	0.0352	0.0116	0.0566	1.00 - 4.50
6-00080	60121	Eu-154	-0.0059 U	0.076	0.0258	0.15	1.00 - 4.50
6-00080	60121	Eu-155	0.121 JS	0.0483	0.0214	0.231	1.00 - 4.50
6-00080	60121	H-3	0.802 U	7.12	2	11.9	1.00 - 4.50
6-00080	60121	Ho-166m	-0.008 U	0.0204	0.0064	0.0432	1.00 - 4.50
6-00080	60121	K-40	22.5	0.0971	1.2	32.4	1.00 - 4.50
6-00080	60121	Na-22	0.0007 U	0.0164	0.0049	0.037	1.00 - 4.50
6-00080	60121	Nb-94	0.0075 JS	0.0122	0.004	0.0214	1.00 - 4.50
6-00080	60121	Ni-59	-0.877 U	2.88	0.87	5.96	1.00 - 4.50
6-00080	60121	Ni-63	0.231 U	1.24	0.372	4.92	1.00 - 4.50
6-00080	60121	Np-236	-0.0046 UJ	0.0264	0.0082	0.047	1.00 - 4.50
6-00080	60121	Np-239	0.0062 U	0.0936	0.0276	0.139	1.00 - 4.50
6-00080	60121	Pa-231	0.121 UJ	0.581	0.174	0.936	1.00 - 4.50
6-00080	60121	Pb-212	1.6	0.0243	0.0909	2.69	1.00 - 4.50
6-00080	60121	Pb-214	1.13	0.0248	0.0523	1.7	1.00 - 4.50
6-00080	60121	Pu-236	-0.0029 U	0.0348	0.0078	7.79	1.00 - 4.50
6-00080	60121	Pu-238	0.0094	0.0209	0.0065	0.0415	1.00 - 4.50
6-00080	60121	Pu-239/240	-0.0038 U	0.0208	0.0038	0.0404	1.00 - 4.50
6-00080	60121	Pu-244	-0.0019 U	0.0168	0.0033	0.0313	1.00 - 4.50
6-00080	60121	Sb-125	-0.0152 U	0.0331	0.0109	0.354	1.00 - 4.50
6-00080	60121	Sn-126	0.0078 J	0.0136	0.0044	0.0237	1.00 - 4.50
6-00080	60121	Sr-90	-0.0936 U	0.282	0.0713	0.485	1.00 - 4.50
6-00080	60121	Tc-99	-0.0359 U	1.42	0.423	1.63	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00080	60121	Th-228	1.34	0.076	0.132	3.98	1.00 - 4.50
6-00080	60121	Th-229	0.105	0.0699	0.0325	0.145	1.00 - 4.50
6-00080	60121	Th-230	1.03	0.0203	0.107	2.2	1.00 - 4.50
6-00080	60121	Th-232	1.47	0.0203	0.136	3.1	1.00 - 4.50
6-00080	60121	Th-234	1.96	0.197	0.143	3.19	1.00 - 4.50
6-00080	60121	Tl-208	0.488	0.0136	0.0268	0.937	1.00 - 4.50
6-00080	60121	Tm-171	0.24 U	8.72	2.9	72.4	1.00 - 4.50
6-00080	60121	U-233/234	0.938	0.0513	0.114	2.02	1.00 - 4.50
6-00080	60121	U-235/236	0.0398	0.027	0.0201	0.151	1.00 - 4.50
6-00080	60121	U-238	1.11	0.0635	0.128	1.8	1.00 - 4.50
6-00081	60122	Ac-227	-0.0539 U	0.217	0.0659	0.217	1.00 - 5.00
6-00081	60122	Ac-228	1.34	0.115	0.0675	2.4	1.00 - 5.00
6-00081	60122	Am-241	0.0053	0.0047	0.003	0.0454	1.00 - 5.00
6-00081	60122	Bi-212	1.02 J	0.158	0.114	2.15	1.00 - 5.00
6-00081	60122	Bi-214	1.07	0.0341	0.0527	1.59	1.00 - 5.00
6-00081	60122	C-14	0.3 U	0.825	0.25	2.96	1.00 - 5.00
6-00081	60122	Cd-113m	-74.4 U	143	46.7	3030	1.00 - 5.00
6-00081	60122	Cm-243/244	0.0071 U	0.019	0.0056	0.0443	1.00 - 5.00
6-00081	60122	Co-60	-0.0045 U	0.0215	0.0065	0.028	1.00 - 5.00
6-00081	60122	Cs-134	0.0025 U	0.0185	0.0062	0.0864	1.00 - 5.00
6-00081	60122	Cs-137	-0.0031 U	0.0194	0.0067	0.207	1.00 - 5.00
6-00081	60122	Eu-152	0.0018 UJ	0.0553	0.0179	0.0566	1.00 - 5.00
6-00081	60122	Eu-154	-0.0827 UJ	0.117	0.0405	0.15	1.00 - 5.00
6-00081	60122	Eu-155	0.0977 JS	0.0823	0.0336	0.231	1.00 - 5.00
6-00081	60122	H-3	0 U	5.19	1.45	11.9	1.00 - 5.00
6-00081	60122	Ho-166m	-0.0102 U	0.0298	0.0093	0.0432	1.00 - 5.00
6-00081	60122	K-40	22.4	0.159	1.35	32.4	1.00 - 5.00
6-00081	60122	Na-22	-0.0108 U	0.025	0.008	0.037	1.00 - 5.00
6-00081	60122	Nb-94	-0.0015 U	0.0173	0.0052	0.0214	1.00 - 5.00
6-00081	60122	Ni-59	-1.18 UJ	2.42	0.762	5.96	1.00 - 5.00
6-00081	60122	Ni-63	-0.316 U	1.54	0.457	4.92	1.00 - 5.00
6-00081	60122	Np-236	-0.015 UJ	0.0409	0.0131	0.047	1.00 - 5.00
6-00081	60122	Np-239	-0.0228 U	0.143	0.0424	0.139	1.00 - 5.00
6-00081	60122	Pa-231	-0.388 U	0.882	0.303	0.936	1.00 - 5.00
6-00081	60122	Pb-212	1.5	0.0406	0.101	2.69	1.00 - 5.00
6-00081	60122	Pb-214	1.25	0.0387	0.0654	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00081	60122	Pu-236	-0.0051 U	0.0214	0.0038	7.79	1.00 - 5.00
6-00081	60122	Pu-238	0.0102	0.0177	0.006	0.0415	1.00 - 5.00
6-00081	60122	Pu-239/240	0.0025 U	0.0225	0.0055	0.0404	1.00 - 5.00
6-00081	60122	Pu-244	0.0045	0.0061	0.0032	0.0313	1.00 - 5.00
6-00081	60122	Sb-125	0.0072 U	0.0526	0.0159	0.354	1.00 - 5.00
6-00081	60122	Sn-126	0.0079 U	0.0201	0.0061	0.0237	1.00 - 5.00
6-00081	60122	Sr-90	-0.0316 U	0.122	0.0286	0.485	1.00 - 5.00
6-00081	60122	Tc-99	-0.154 U	1.24	0.359	1.63	1.00 - 5.00
6-00081	60122	Th-228	1.31	0.124	0.137	3.98	1.00 - 5.00
6-00081	60122	Th-229	-0.0082 U	0.108	0.0247	0.145	1.00 - 5.00
6-00081	60122	Th-230	0.985	0.0884	0.11	2.2	1.00 - 5.00
6-00081	60122	Th-232	1.15	0.0222	0.119	3.1	1.00 - 5.00
6-00081	60122	Th-234	1.41 J	0.337	0.167	3.19	1.00 - 5.00
6-00081	60122	Tl-208	0.455	0.0219	0.0272	0.937	1.00 - 5.00
6-00081	60122	Tm-171	-5.61 U	17.9	6.16	72.4	1.00 - 5.00
6-00081	60122	U-233/234	0.908	0.0843	0.108	2.02	1.00 - 5.00
6-00081	60122	U-235/236	0.0114 UJ	0.0569	0.0142	0.151	1.00 - 5.00
6-00081	60122	U-238	0.96	0.0196	0.111	1.8	1.00 - 5.00
6-00082	60123	Ac-227	0.0095 U	0.12	0.0365	0.217	1.00 - 5.00
6-00082	60123	Ac-228	1.24	0.0578	0.0572	2.4	1.00 - 5.00
6-00082	60123	Am-241	-0.0015 U	0.0166	0.0033	0.0454	1.00 - 5.00
6-00082	60123	Bi-212	0.85	0.0847	0.0597	2.15	1.00 - 5.00
6-00082	60123	Bi-214	0.865	0.0181	0.0384	1.59	1.00 - 5.00
6-00082	60123	C-14	-0.41 U	0.875	0.258	2.96	1.00 - 5.00
6-00082	60123	Cd-113m	-3.04 U	79.8	25.2	3030	1.00 - 5.00
6-00082	60123	Cm-243/244	-0.0012 U	0.0106	0.0021	0.0443	1.00 - 5.00
6-00082	60123	Co-60	0.0038 U	0.011	0.0034	0.028	1.00 - 5.00
6-00082	60123	Cs-134	-0.0006 U	0.0095	0.0033	0.0864	1.00 - 5.00
6-00082	60123	Cs-137	0.0141	0.0099	0.0038	0.207	1.00 - 5.00
6-00082	60123	Eu-152	-0.016 U	0.029	0.0119	0.0566	1.00 - 5.00
6-00082	60123	Eu-154	-0.0575 UJ	0.0569	0.0222	0.15	1.00 - 5.00
6-00082	60123	Eu-155	0.0625 JS	0.0421	0.0153	0.231	1.00 - 5.00
6-00082	60123	H-3	1.05 U	7.02	1.99	11.9	1.00 - 5.00
6-00082	60123	Ho-166m	0.0002 U	0.0162	0.0049	0.0432	1.00 - 5.00
6-00082	60123	K-40	20.2	0.0789	1.19	32.4	1.00 - 5.00
6-00082	60123	Na-22	-0.0058 U	0.0127	0.0048	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00082	60123	Nb-94	0.0032 U	0.0094	0.0029	0.0214	1.00 - 5.00
6-00082	60123	Ni-59	-2.02 U	6.07	1.79	5.96	1.00 - 5.00
6-00082	60123	Ni-63	0.0713 U	1.24	0.369	4.92	1.00 - 5.00
6-00082	60123	Np-236	-0.013 UJ	0.0227	0.0074	0.047	1.00 - 5.00
6-00082	60123	Np-239	-0.0307 U	0.0803	0.0256	0.139	1.00 - 5.00
6-00082	60123	Pa-231	-0.184 UJ	0.486	0.156	0.936	1.00 - 5.00
6-00082	60123	Pb-212	1.42	0.0215	0.0862	2.69	1.00 - 5.00
6-00082	60123	Pb-214	0.947	0.0201	0.0452	1.7	1.00 - 5.00
6-00082	60123	Pu-236	0.0175 UJ	0.0617	0.0175	7.79	1.00 - 5.00
6-00082	60123	Pu-238	0 UJ	0.0538	0.013	0.0415	1.00 - 5.00
6-00082	60123	Pu-239/240	-0.0082 UJ	0.0441	0.0082	0.0404	1.00 - 5.00
6-00082	60123	Pu-244	0.0164 J	0.0111	0.0083	0.0313	1.00 - 5.00
6-00082	60123	Sb-125	0.0208 JS	0.0283	0.0095	0.354	1.00 - 5.00
6-00082	60123	Sn-126	0.004 U	0.0108	0.0034	0.0237	1.00 - 5.00
6-00082	60123	Sr-90	0.0232 U	0.244	0.0671	0.485	1.00 - 5.00
6-00082	60123	Tc-99	-0.615 U	1.78	0.516	1.63	1.00 - 5.00
6-00082	60123	Th-228	0.78	0.136	0.108	3.98	1.00 - 5.00
6-00082	60123	Th-229	0.0857	0.114	0.0397	0.145	1.00 - 5.00
6-00082	60123	Th-230	0.561	0.07	0.0826	2.2	1.00 - 5.00
6-00082	60123	Th-232	0.644	0.0698	0.0895	3.1	1.00 - 5.00
6-00082	60123	Th-234	1.44	0.175	0.111	3.19	1.00 - 5.00
6-00082	60123	Tl-208	0.447	0.0104	0.0235	0.937	1.00 - 5.00
6-00082	60123	Tm-171	0.472 U	7.51	2.63	72.4	1.00 - 5.00
6-00082	60123	U-233/234	0.625	0.0749	0.0807	2.02	1.00 - 5.00
6-00082	60123	U-235/236	0.0124 U	0.0625	0.016	0.151	1.00 - 5.00
6-00082	60123	U-238	0.6	0.0506	0.0772	1.8	1.00 - 5.00
6-00083	60124	Ac-227	0.0421 U	0.156	0.0463	0.217	1.00 - 5.00
6-00083	60124	Ac-228	1.1	0.0818	0.0518	2.4	1.00 - 5.00
6-00083	60124	Am-241	0.0105	0.0257	0.0077	0.0454	1.00 - 5.00
6-00083	60124	Bi-212	0.739 J	0.111	0.0765	2.15	1.00 - 5.00
6-00083	60124	Bi-214	0.847	0.0224	0.0395	1.59	1.00 - 5.00
6-00083	60124	C-14	0.199 U	0.675	0.204	2.96	1.00 - 5.00
6-00083	60124	Cd-113m	31.6 U	104	31.1	3030	1.00 - 5.00
6-00083	60124	Cm-243/244	0.0137	0.0165	0.0067	0.0443	1.00 - 5.00
6-00083	60124	Co-60	0.0035 U	0.0155	0.0045	0.028	1.00 - 5.00
6-00083	60124	Cs-134	0.0009 U	0.0119	0.0041	0.0864	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00083	60124	Cs-137	0.057	0.014	0.0081	0.207	1.00 - 5.00
6-00083	60124	Eu-152	-0.0032 U	0.0378	0.0113	0.0566	1.00 - 5.00
6-00083	60124	Eu-154	-0.0109 U	0.0842	0.0253	0.15	1.00 - 5.00
6-00083	60124	Eu-155	0.0557 JS	0.0534	0.0228	0.231	1.00 - 5.00
6-00083	60124	H-3	0.642 U	9.05	2.53	11.9	1.00 - 5.00
6-00083	60124	Ho-166m	-0.0013 U	0.0205	0.006	0.0432	1.00 - 5.00
6-00083	60124	K-40	20	0.104	1.13	32.4	1.00 - 5.00
6-00083	60124	Na-22	-0.0013 U	0.0174	0.0053	0.037	1.00 - 5.00
6-00083	60124	Nb-94	0.0077 JS	0.0122	0.0039	0.0214	1.00 - 5.00
6-00083	60124	Ni-59	-0.923 U	4.83	1.33	5.96	1.00 - 5.00
6-00083	60124	Ni-63	0.462 U	1.23	0.375	4.92	1.00 - 5.00
6-00083	60124	Np-236	0.0122 U	0.0295	0.0094	0.047	1.00 - 5.00
6-00083	60124	Np-239	0.0327 U	0.106	0.0317	0.139	1.00 - 5.00
6-00083	60124	Pa-231	0.0581 U	0.638	0.194	0.936	1.00 - 5.00
6-00083	60124	Pb-212	1.24	0.0279	0.0746	2.69	1.00 - 5.00
6-00083	60124	Pb-214	0.888	0.0263	0.0434	1.7	1.00 - 5.00
6-00083	60124	Pu-236	0.0035 U	0.0175	0.0044	7.79	1.00 - 5.00
6-00083	60124	Pu-238	-0.0027 U	0.0317	0.0071	0.0415	1.00 - 5.00
6-00083	60124	Pu-239/240	0	0.0069	0.0026	0.0404	1.00 - 5.00
6-00083	60124	Pu-244	0	0.0069	0.0026	0.0313	1.00 - 5.00
6-00083	60124	Sb-125	0.0001 U	0.0366	0.011	0.354	1.00 - 5.00
6-00083	60124	Sn-126	-0.0019 U	0.0135	0.004	0.0237	1.00 - 5.00
6-00083	60124	Sr-90	0.0845 U	0.301	0.0882	0.485	1.00 - 5.00
6-00083	60124	Tc-99	-0.427 U	1.28	0.37	1.63	1.00 - 5.00
6-00083	60124	Th-228	1.12	0.0218	0.116	3.98	1.00 - 5.00
6-00083	60124	Th-229	0.0215	0.0194	0.0125	0.145	1.00 - 5.00
6-00083	60124	Th-230	0.671	0.0194	0.0797	2.2	1.00 - 5.00
6-00083	60124	Th-232	1.06	0.0767	0.108	3.1	1.00 - 5.00
6-00083	60124	Th-234	1.4	0.224	0.131	3.19	1.00 - 5.00
6-00083	60124	Tl-208	0.353	0.0143	0.0206	0.937	1.00 - 5.00
6-00083	60124	Tm-171	-5.36 U	9	3.32	72.4	1.00 - 5.00
6-00083	60124	U-233/234	0.848	0.0319	0.0898	2.02	1.00 - 5.00
6-00083	60124	U-235/236	0.0556	0.0167	0.019	0.151	1.00 - 5.00
6-00083	60124	U-238	0.9	0.0136	0.0937	1.8	1.00 - 5.00
6-00084	60125	Ac-227	-0.0383 U	0.159	0.0478	0.217	1.00 - 5.00
6-00084	60125	Ac-228	1.19	0.0837	0.0561	2.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00084	60125	Am-241	0.0045	0.0061	0.0032	0.0454	1.00 - 5.00
6-00084	60125	Bi-212	0.848	0.115	0.0685	2.15	1.00 - 5.00
6-00084	60125	Bi-214	0.811	0.0245	0.0387	1.59	1.00 - 5.00
6-00084	60125	C-14	0.111 U	0.669	0.2	2.96	1.00 - 5.00
6-00084	60125	Cd-113m	-64 U	104	34.6	3030	1.00 - 5.00
6-00084	60125	Cm-243/244	0.0058 U	0.0179	0.0051	0.0443	1.00 - 5.00
6-00084	60125	Co-60	0.001 U	0.0157	0.0045	0.028	1.00 - 5.00
6-00084	60125	Cs-134	0.004 U	0.0131	0.0046	0.0864	1.00 - 5.00
6-00084	60125	Cs-137	0.0299 J	0.0167	0.0083	0.207	1.00 - 5.00
6-00084	60125	Eu-152	-0.0237 U	0.0372	0.0135	0.0566	1.00 - 5.00
6-00084	60125	Eu-154	-0.0242 U	0.0807	0.025	0.15	1.00 - 5.00
6-00084	60125	Eu-155	0.0539 JS	0.0558	0.0213	0.231	1.00 - 5.00
6-00084	60125	H-3	1.01 U	8.86	2.5	11.9	1.00 - 5.00
6-00084	60125	Ho-166m	0.0016 U	0.0213	0.0062	0.0432	1.00 - 5.00
6-00084	60125	K-40	20.4	0.103	1.15	32.4	1.00 - 5.00
6-00084	60125	Na-22	0.0059 U	0.0181	0.0055	0.037	1.00 - 5.00
6-00084	60125	Nb-94	0.0082 JS	0.0128	0.0041	0.0214	1.00 - 5.00
6-00084	60125	Ni-59	1.79 U	6.42	1.63	5.96	1.00 - 5.00
6-00084	60125	Ni-63	-0.0294 U	0.0582	0.017	4.92	1.00 - 5.00
6-00084	60125	Np-236	-0.0003 U	0.0303	0.0092	0.047	1.00 - 5.00
6-00084	60125	Np-239	-0.0491 U	0.104	0.033	0.139	1.00 - 5.00
6-00084	60125	Pa-231	0.329 J	0.663	0.213	0.936	1.00 - 5.00
6-00084	60125	Pb-212	1.4	0.0288	0.084	2.69	1.00 - 5.00
6-00084	60125	Pb-214	0.868	0.0279	0.0426	1.7	1.00 - 5.00
6-00084	60125	Pu-236	-0.0043 U	0.038	0.0081	7.79	1.00 - 5.00
6-00084	60125	Pu-238	0.0134 U	0.0331	0.0099	0.0415	1.00 - 5.00
6-00084	60125	Pu-239/240	0.0086 U	0.0275	0.0078	0.0404	1.00 - 5.00
6-00084	60125	Pu-244	0.0091 J	0.0082	0.0053	0.0313	1.00 - 5.00
6-00084	60125	Sb-125	0.0231 JS	0.038	0.0123	0.354	1.00 - 5.00
6-00084	60125	Sn-126	0.0022 U	0.0137	0.004	0.0237	1.00 - 5.00
6-00084	60125	Sr-90	-0.171 U	0.444	0.103	0.485	1.00 - 5.00
6-00084	60125	Tc-99	-0.196 U	0.752	0.222	1.63	1.00 - 5.00
6-00084	60125	Th-228	1.1	0.164	0.127	3.98	1.00 - 5.00
6-00084	60125	Th-229	0.0161 U	0.0593	0.0161	0.145	1.00 - 5.00
6-00084	60125	Th-230	0.651	0.0747	0.084	2.2	1.00 - 5.00
6-00084	60125	Th-232	1.09	0.0217	0.114	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00084	60125	Th-234	1.27	0.229	0.126	3.19	1.00 - 5.00
6-00084	60125	Tl-208	0.413	0.0145	0.0235	0.937	1.00 - 5.00
6-00084	60125	Tm-171	-3.91 U	9.55	3.37	72.4	1.00 - 5.00
6-00084	60125	U-233/234	0.626	0.0387	0.0776	2.02	1.00 - 5.00
6-00084	60125	U-235/236	0.0526	0.0204	0.0203	0.151	1.00 - 5.00
6-00084	60125	U-238	0.76	0.0165	0.0884	1.8	1.00 - 5.00
6-00085	60126	Ac-227	-0.123 U	0.213	0.0705	0.217	1.00 - 5.00
6-00085	60126	Ac-228	1.16	0.11	0.0495	2.4	1.00 - 5.00
6-00085	60126	Am-241	-0.0036 U	0.0246	0.0049	0.0454	1.00 - 5.00
6-00085	60126	Bi-212	0.911	0.146	0.0876	2.15	1.00 - 5.00
6-00085	60126	Bi-214	0.932	0.0316	0.0374	1.59	1.00 - 5.00
6-00085	60126	C-14	-0.0099 U	0.69	0.205	2.96	1.00 - 5.00
6-00085	60126	Cd-113m	9.72 U	145	43.1	3030	1.00 - 5.00
6-00085	60126	Cm-243/244	0.0075	0.0146	0.0049	0.0443	1.00 - 5.00
6-00085	60126	Co-60	-0.0074 U	0.0191	0.0061	0.028	1.00 - 5.00
6-00085	60126	Cs-134	-0.0048 U	0.0164	0.0058	0.0864	1.00 - 5.00
6-00085	60126	Cs-137	-0.0191 UJ	0.0175	0.0071	0.207	1.00 - 5.00
6-00085	60126	Eu-152	-0.0146 U	0.0518	0.0185	0.0566	1.00 - 5.00
6-00085	60126	Eu-154	-0.0055 U	0.109	0.0318	0.15	1.00 - 5.00
6-00085	60126	Eu-155	0.0589 U	0.0789	0.0274	0.231	1.00 - 5.00
6-00085	60126	H-3	-1.84 U	8.64	2.25	11.9	1.00 - 5.00
6-00085	60126	Ho-166m	-0.0093 U	0.0289	0.009	0.0432	1.00 - 5.00
6-00085	60126	K-40	21.4	0.153	0.754	32.4	1.00 - 5.00
6-00085	60126	Na-22	-0.0082 U	0.0238	0.0075	0.037	1.00 - 5.00
6-00085	60126	Nb-94	0.007 U	0.0172	0.0053	0.0214	1.00 - 5.00
6-00085	60126	Ni-59	-0.873 U	4.16	1.14	5.96	1.00 - 5.00
6-00085	60126	Ni-63	-0.0242 U	0.0572	0.0168	4.92	1.00 - 5.00
6-00085	60126	Np-236	-0.0191 U	0.0401	0.0133	0.047	1.00 - 5.00
6-00085	60126	Np-239	-0.0014 U	0.141	0.0419	0.139	1.00 - 5.00
6-00085	60126	Pa-231	-0.56 U	0.858	0.302	0.936	1.00 - 5.00
6-00085	60126	Pb-212	1.44	0.0386	0.0526	2.69	1.00 - 5.00
6-00085	60126	Pb-214	1.07	0.0364	0.0408	1.7	1.00 - 5.00
6-00085	60126	Pu-236	-0.0029 UJ	0.0489	0.0113	7.79	1.00 - 5.00
6-00085	60126	Pu-238	-0.0011 UJ	0.0408	0.0093	0.0415	1.00 - 5.00
6-00085	60126	Pu-239/240	-0.0031 UJ	0.035	0.0071	0.0404	1.00 - 5.00
6-00085	60126	Pu-244	0.008	0.0222	0.0066	0.0313	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00085	60126	Sb-125	-0.0079 U	0.0513	0.0159	0.354	1.00 - 5.00
6-00085	60126	Sn-126	0.0011 U	0.0184	0.0054	0.0237	1.00 - 5.00
6-00085	60126	Sr-90	-0.0978 U	0.422	0.11	0.485	1.00 - 5.00
6-00085	60126	Tc-99	0.142 U	0.743	0.223	1.63	1.00 - 5.00
6-00085	60126	Th-228	1.46	0.055	0.135	3.98	1.00 - 5.00
6-00085	60126	Th-229	0.0467	0.0491	0.0202	0.145	1.00 - 5.00
6-00085	60126	Th-230	0.832	0.049	0.0892	2.2	1.00 - 5.00
6-00085	60126	Th-232	1.33	0.018	0.121	3.1	1.00 - 5.00
6-00085	60126	Th-234	1.39 J	0.33	0.157	3.19	1.00 - 5.00
6-00085	60126	Tl-208	0.427	0.0202	0.0192	0.937	1.00 - 5.00
6-00085	60126	Tm-171	-7.02 U	18.7	6.56	72.4	1.00 - 5.00
6-00085	60126	U-233/234	1.04	0.0523	0.106	2.02	1.00 - 5.00
6-00085	60126	U-235/236	0.0469	0.041	0.0191	0.151	1.00 - 5.00
6-00085	60126	U-238	1.25	0.0141	0.121	1.8	1.00 - 5.00
6-00086	60127	Ac-227	-0.0973 U	0.163	0.0543	0.217	1.00 - 5.00
6-00086	60127	Ac-228	1.12	0.0932	0.0526	2.4	1.00 - 5.00
6-00086	60127	Am-241	0 U	0.0251	0.0057	0.0454	1.00 - 5.00
6-00086	60127	Bi-212	0.738 J	0.132	0.0762	2.15	1.00 - 5.00
6-00086	60127	Bi-214	0.817	0.0279	0.0414	1.59	1.00 - 5.00
6-00086	60127	C-14	-0.185 U	0.723	0.213	2.96	1.00 - 5.00
6-00086	60127	Cd-113m	-39.2 U	108	33.5	3030	1.00 - 5.00
6-00086	60127	Cm-243/244	0 U	0.0218	0.0047	0.0443	1.00 - 5.00
6-00086	60127	Co-60	-0.0028 U	0.0174	0.0052	0.028	1.00 - 5.00
6-00086	60127	Cs-134	-0.0028 U	0.0141	0.0048	0.0864	1.00 - 5.00
6-00086	60127	Cs-137	0.0592	0.0159	0.0096	0.207	1.00 - 5.00
6-00086	60127	Eu-152	-0.0003 U	0.0419	0.0136	0.0566	1.00 - 5.00
6-00086	60127	Eu-154	-0.0323 U	0.0956	0.0304	0.15	1.00 - 5.00
6-00086	60127	Eu-155	0.0432 JS	0.0536	0.0154	0.231	1.00 - 5.00
6-00086	60127	H-3	3.81 U	8.72	2.64	11.9	1.00 - 5.00
6-00086	60127	Ho-166m	-0.0061 U	0.0247	0.0075	0.0432	1.00 - 5.00
6-00086	60127	K-40	20.3	0.124	1.15	32.4	1.00 - 5.00
6-00086	60127	Na-22	0.0044 U	0.0216	0.0063	0.037	1.00 - 5.00
6-00086	60127	Nb-94	0.0011 U	0.0145	0.0043	0.0214	1.00 - 5.00
6-00086	60127	Ni-59	0.369 UJ	2.03	0.552	5.96	1.00 - 5.00
6-00086	60127	Ni-63	-0.159 U	1.55	0.462	4.92	1.00 - 5.00
6-00086	60127	Np-236	-0.0008 U	0.0294	0.009	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00086	60127	Np-239	-0.0234 U	0.106	0.0319	0.139	1.00 - 5.00
6-00086	60127	Pa-231	0.0531 U	0.683	0.231	0.936	1.00 - 5.00
6-00086	60127	Pb-212	1.28	0.0276	0.0743	2.69	1.00 - 5.00
6-00086	60127	Pb-214	0.888	0.0294	0.0426	1.7	1.00 - 5.00
6-00086	60127	Pu-236	-0.0013 U	0.0208	0.0051	7.79	1.00 - 5.00
6-00086	60127	Pu-238	0.0012 U	0.0198	0.0052	0.0415	1.00 - 5.00
6-00086	60127	Pu-239/240	0.0107	0.011	0.0043	0.0404	1.00 - 5.00
6-00086	60127	Pu-244	0.0119 J	0.0087	0.0042	0.0313	1.00 - 5.00
6-00086	60127	Sb-125	0.0072 U	0.041	0.0124	0.354	1.00 - 5.00
6-00086	60127	Sn-126	-0.0015 U	0.0164	0.0049	0.0237	1.00 - 5.00
6-00086	60127	Sr-90	0.0531 U	0.154	0.0456	0.485	1.00 - 5.00
6-00086	60127	Tc-99	-0.455 U	1.31	0.373	1.63	1.00 - 5.00
6-00086	60127	Th-228	1.31	0.0796	0.133	3.98	1.00 - 5.00
6-00086	60127	Th-229	0.0722	0.0746	0.0293	0.145	1.00 - 5.00
6-00086	60127	Th-230	0.905	0.059	0.101	2.2	1.00 - 5.00
6-00086	60127	Th-232	1.24	0.0216	0.124	3.1	1.00 - 5.00
6-00086	60127	Th-234	1.36	0.22	0.129	3.19	1.00 - 5.00
6-00086	60127	Tl-208	0.399	0.0159	0.0242	0.937	1.00 - 5.00
6-00086	60127	Tm-171	-4.92 U	9.62	3.47	72.4	1.00 - 5.00
6-00086	60127	U-233/234	0.793	0.0184	0.0945	2.02	1.00 - 5.00
6-00086	60127	U-235/236	0.0335	0.0227	0.0169	0.151	1.00 - 5.00
6-00086	60127	U-238	0.699	0.068	0.088	1.8	1.00 - 5.00
6-00087	60128	Ac-227	-0.0784 U	0.148	0.0498	0.217	1.00 - 5.00
6-00087	60128	Ac-228	1.27	0.0679	0.0592	2.4	1.00 - 5.00
6-00087	60128	Am-241	0.0015 U	0.014	0.0034	0.0454	1.00 - 5.00
6-00087	60128	Bi-212	0.901	0.0964	0.0666	2.15	1.00 - 5.00
6-00087	60128	Bi-214	0.936	0.022	0.0416	1.59	1.00 - 5.00
6-00087	60128	C-14	-0.0846 U	0.889	0.264	2.96	1.00 - 5.00
6-00087	60128	Cd-113m	-64.8 U	98.1	35.4	3030	1.00 - 5.00
6-00087	60128	Cm-243/244	-0.0015 U	0.0141	0.0026	0.0443	1.00 - 5.00
6-00087	60128	Co-60	0.0032 U	0.0132	0.004	0.028	1.00 - 5.00
6-00087	60128	Cs-134	-0.0039 U	0.011	0.004	0.0864	1.00 - 5.00
6-00087	60128	Cs-137	0.0592	0.012	0.006	0.207	1.00 - 5.00
6-00087	60128	Eu-152	-0.0181 U	0.0366	0.014	0.0566	1.00 - 5.00
6-00087	60128	Eu-154	-0.0093 U	0.0698	0.024	0.15	1.00 - 5.00
6-00087	60128	Eu-155	0.0967 JS	0.0541	0.0209	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00087	60128	H-3	1.72 U	5	1.49	11.9	1.00 - 5.00
6-00087	60128	Ho-166m	0.006 U	0.0191	0.0059	0.0432	1.00 - 5.00
6-00087	60128	K-40	22.6	0.109	1.36	32.4	1.00 - 5.00
6-00087	60128	Na-22	-0.0029 U	0.0149	0.0049	0.037	1.00 - 5.00
6-00087	60128	Nb-94	0.0121 JS	0.0116	0.0044	0.0214	1.00 - 5.00
6-00087	60128	Ni-59	-1.97 U	3.51	1.14	5.96	1.00 - 5.00
6-00087	60128	Ni-63	-0.174 U	1.49	0.436	4.92	1.00 - 5.00
6-00087	60128	Np-236	0.0014 U	0.0292	0.009	0.047	1.00 - 5.00
6-00087	60128	Np-239	0.0012 U	0.101	0.031	0.139	1.00 - 5.00
6-00087	60128	Pa-231	0.215 U	0.623	0.212	0.936	1.00 - 5.00
6-00087	60128	Pb-212	1.49	0.0263	0.0902	2.69	1.00 - 5.00
6-00087	60128	Pb-214	1.11	0.0257	0.0511	1.7	1.00 - 5.00
6-00087	60128	Pu-236	-0.0071 U	0.0213	0.004	7.79	1.00 - 5.00
6-00087	60128	Pu-238	-0.0051 U	0.0238	0.0051	0.0415	1.00 - 5.00
6-00087	60128	Pu-239/240	0.0051	0.0046	0.0029	0.0404	1.00 - 5.00
6-00087	60128	Pu-244	0.0067	0.0046	0.0034	0.0313	1.00 - 5.00
6-00087	60128	Sb-125	-0.0026 U	0.0333	0.0099	0.354	1.00 - 5.00
6-00087	60128	Sn-126	-0.0016 U	0.0124	0.0038	0.0237	1.00 - 5.00
6-00087	60128	Sr-90	-0.0836 U	0.396	0.0954	0.485	1.00 - 5.00
6-00087	60128	Tc-99	-0.358 U	1.29	0.37	1.63	1.00 - 5.00
6-00087	60128	Th-228	1.49	0.0236	0.145	3.98	1.00 - 5.00
6-00087	60128	Th-229	-0.0162 U	0.0975	0.0199	0.145	1.00 - 5.00
6-00087	60128	Th-230	0.882	0.0219	0.0997	2.2	1.00 - 5.00
6-00087	60128	Th-232	1.02	0.0219	0.109	3.1	1.00 - 5.00
6-00087	60128	Th-234	1.32 J	0.232	0.133	3.19	1.00 - 5.00
6-00087	60128	Tl-208	0.432	0.0129	0.0233	0.937	1.00 - 5.00
6-00087	60128	Tm-171	-8.6 UJ	11.5	4.43	72.4	1.00 - 5.00
6-00087	60128	U-233/234	0.834	0.0364	0.0732	2.02	1.00 - 5.00
6-00087	60128	U-235/236	0.0509	0.0081	0.0128	0.151	1.00 - 5.00
6-00087	60128	U-238	0.84	0.0317	0.0735	1.8	1.00 - 5.00
6-00088	60129	Ac-227	0.0896 J	0.168	0.0547	0.217	1.00 - 5.00
6-00088	60129	Ac-228	1.06	0.0869	0.051	2.4	1.00 - 5.00
6-00088	60129	Am-241	-0.0017 U	0.0201	0.0044	0.0454	1.00 - 5.00
6-00088	60129	Bi-212	0.818	0.118	0.0711	2.15	1.00 - 5.00
6-00088	60129	Bi-214	0.849	0.0258	0.0402	1.59	1.00 - 5.00
6-00088	60129	C-14	-0.007 U	0.844	0.252	2.96	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00088	60129	Cd-113m	30.7 UJ	111	36	3030	1.00 - 5.00
6-00088	60129	Cm-243/244	-0.0017 U	0.0157	0.0029	0.0443	1.00 - 5.00
6-00088	60129	Co-60	0.0094 J	0.0171	0.0053	0.028	1.00 - 5.00
6-00088	60129	Cs-134	-0.0036 U	0.0132	0.0047	0.0864	1.00 - 5.00
6-00088	60129	Cs-137	0.0456	0.0133	0.0066	0.207	1.00 - 5.00
6-00088	60129	Eu-152	-0.0289 U	0.04	0.0146	0.0566	1.00 - 5.00
6-00088	60129	Eu-154	-0.0242 U	0.0893	0.0273	0.15	1.00 - 5.00
6-00088	60129	Eu-155	0.0823 JS	0.0576	0.0268	0.231	1.00 - 5.00
6-00088	60129	H-3	0 U	4.89	1.36	11.9	1.00 - 5.00
6-00088	60129	Ho-166m	-0.0148 U	0.0218	0.0077	0.0432	1.00 - 5.00
6-00088	60129	K-40	21.1	0.12	1.2	32.4	1.00 - 5.00
6-00088	60129	Na-22	-0.0049 U	0.0183	0.0066	0.037	1.00 - 5.00
6-00088	60129	Nb-94	0.0029 U	0.0131	0.004	0.0214	1.00 - 5.00
6-00088	60129	Ni-59	0.439 U	2	0.542	5.96	1.00 - 5.00
6-00088	60129	Ni-63	-0.372 U	1.5	0.447	4.92	1.00 - 5.00
6-00088	60129	Np-236	0.0046 U	0.0313	0.0092	0.047	1.00 - 5.00
6-00088	60129	Np-239	0.0371 U	0.111	0.0346	0.139	1.00 - 5.00
6-00088	60129	Pa-231	-0.0471 U	0.678	0.21	0.936	1.00 - 5.00
6-00088	60129	Pb-212	1.26	0.0296	0.0755	2.69	1.00 - 5.00
6-00088	60129	Pb-214	0.94	0.0276	0.0448	1.7	1.00 - 5.00
6-00088	60129	Pu-236	0.0068 U	0.0452	0.012	7.79	1.00 - 5.00
6-00088	60129	Pu-238	-0.0232 U	0.0615	0.0137	0.0415	1.00 - 5.00
6-00088	60129	Pu-239/240	0.0125	0.0084	0.0063	0.0404	1.00 - 5.00
6-00088	60129	Pu-244	0.0062	0.0084	0.0044	0.0313	1.00 - 5.00
6-00088	60129	Sb-125	0.0182 U	0.0402	0.0123	0.354	1.00 - 5.00
6-00088	60129	Sn-126	-0.003 U	0.0143	0.0044	0.0237	1.00 - 5.00
6-00088	60129	Sr-90	0.123	0.161	0.0528	0.485	1.00 - 5.00
6-00088	60129	Tc-99	-0.124 U	1.17	0.347	1.63	1.00 - 5.00
6-00088	60129	Th-228	1.13	0.0564	0.115	3.98	1.00 - 5.00
6-00088	60129	Th-229	0.0213 U	0.0851	0.0235	0.145	1.00 - 5.00
6-00088	60129	Th-230	0.77	0.0657	0.0876	2.2	1.00 - 5.00
6-00088	60129	Th-232	0.93	0.0191	0.0975	3.1	1.00 - 5.00
6-00088	60129	Th-234	1.48 J	0.246	0.153	3.19	1.00 - 5.00
6-00088	60129	Tl-208	0.366	0.0151	0.0215	0.937	1.00 - 5.00
6-00088	60129	Tm-171	2.04 UJ	12.1	4.19	72.4	1.00 - 5.00
6-00088	60129	U-233/234	0.856	0.035	0.0934	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00088	60129	U-235/236	0.0223	0.0433	0.0145	0.151	1.00 - 5.00
6-00088	60129	U-238	0.793	0.035	0.0883	1.8	1.00 - 5.00
6-00089	60130	Ac-227	-0.004 U	0.144	0.0437	0.217	1.00 - 5.00
6-00089	60130	Ac-228	1.31	0.0727	0.0615	2.4	1.00 - 5.00
6-00089	60130	Am-241	0.0048	0.0135	0.004	0.0454	1.00 - 5.00
6-00089	60130	Bi-212	0.873	0.0997	0.0753	2.15	1.00 - 5.00
6-00089	60130	Bi-214	0.965	0.0228	0.0438	1.59	1.00 - 5.00
6-00089	60130	C-14	0.211 U	0.62	0.187	2.96	1.00 - 5.00
6-00089	60130	Cd-113m	-34.2 U	94.2	32.4	3030	1.00 - 5.00
6-00089	60130	Cm-243/244	-0.0009 U	0.0168	0.003	0.0443	1.00 - 5.00
6-00089	60130	Co-60	-0.0084 UJ	0.0129	0.0045	0.028	1.00 - 5.00
6-00089	60130	Cs-134	0.0073 JS	0.0115	0.0042	0.0864	1.00 - 5.00
6-00089	60130	Cs-137	-0.0006 UJ	0.0136	0.0041	0.207	1.00 - 5.00
6-00089	60130	Eu-152	-0.032 UJ	0.0344	0.0133	0.0566	1.00 - 5.00
6-00089	60130	Eu-154	-0.0515 U	0.0749	0.0258	0.15	1.00 - 5.00
6-00089	60130	Eu-155	0.102 JS	0.0487	0.0216	0.231	1.00 - 5.00
6-00089	60130	H-3	2.18 U	7.03	2.07	11.9	1.00 - 5.00
6-00089	60130	Ho-166m	-0.011 U	0.0197	0.0066	0.0432	1.00 - 5.00
6-00089	60130	K-40	23.5	0.0983	1.39	32.4	1.00 - 5.00
6-00089	60130	Na-22	0.0039 U	0.0163	0.0057	0.037	1.00 - 5.00
6-00089	60130	Nb-94	-0.001 U	0.0117	0.0036	0.0214	1.00 - 5.00
6-00089	60130	Ni-59	-2.28 U	6.13	1.83	5.96	1.00 - 5.00
6-00089	60130	Ni-63	0.101 U	1.2	0.362	4.92	1.00 - 5.00
6-00089	60130	Np-236	-0.0057 U	0.0264	0.0082	0.047	1.00 - 5.00
6-00089	60130	Np-239	-0.0096 U	0.096	0.0292	0.139	1.00 - 5.00
6-00089	60130	Pa-231	-0.431 UJ	0.574	0.206	0.936	1.00 - 5.00
6-00089	60130	Pb-212	1.57	0.025	0.095	2.69	1.00 - 5.00
6-00089	60130	Pb-214	1.12	0.0247	0.0536	1.7	1.00 - 5.00
6-00089	60130	Pu-236	-0.0064 U	0.0267	0.0046	7.79	1.00 - 5.00
6-00089	60130	Pu-238	-0.001 U	0.0184	0.0033	0.0415	1.00 - 5.00
6-00089	60130	Pu-239/240	-0.0004 U	0.0211	0.0044	0.0404	1.00 - 5.00
6-00089	60130	Pu-244	0.0053	0.0148	0.0044	0.0313	1.00 - 5.00
6-00089	60130	Sb-125	0.0105 U	0.0339	0.0102	0.354	1.00 - 5.00
6-00089	60130	Sn-126	0.0024 U	0.0128	0.0039	0.0237	1.00 - 5.00
6-00089	60130	Sr-90	-0.0479 U	0.167	0.0372	0.485	1.00 - 5.00
6-00089	60130	Tc-99	-0.152 U	1.16	0.344	1.63	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00089	60130	Th-228	1.43	0.0206	0.133	3.98	1.00 - 5.00
6-00089	60130	Th-229	0.0566	0.0762	0.0267	0.145	1.00 - 5.00
6-00089	60130	Th-230	0.847	0.0656	0.0927	2.2	1.00 - 5.00
6-00089	60130	Th-232	1.12	0.0191	0.11	3.1	1.00 - 5.00
6-00089	60130	Th-234	1.75	0.21	0.133	3.19	1.00 - 5.00
6-00089	60130	Tl-208	0.457	0.0127	0.0248	0.937	1.00 - 5.00
6-00089	60130	Tm-171	-8.1 UJ	8.62	3.62	72.4	1.00 - 5.00
6-00089	60130	U-233/234	0.642	0.0227	0.0658	2.02	1.00 - 5.00
6-00089	60130	U-235/236	0.0332	0.0347	0.0141	0.151	1.00 - 5.00
6-00089	60130	U-238	0.803	0.0281	0.0779	1.8	1.00 - 5.00
6-00090	60131	Ac-227	-0.0406 U	0.108	0.0334	0.217	1.00 - 4.00
6-00090	60131	Ac-228	1.28	0.052	0.0561	2.4	1.00 - 4.00
6-00090	60131	Am-241	0.0051 U	0.0158	0.0045	0.0454	1.00 - 4.00
6-00090	60131	Bi-212	0.872	0.0764	0.0566	2.15	1.00 - 4.00
6-00090	60131	Bi-214	0.76	0.0159	0.0339	1.59	1.00 - 4.00
6-00090	60131	C-14	-0.0942 U	0.614	0.181	2.96	1.00 - 4.00
6-00090	60131	Cd-113m	-10.2 U	71.5	21.3	3030	1.00 - 4.00
6-00090	60131	Cm-243/244	0.0117 U	0.0288	0.0086	0.0443	1.00 - 4.00
6-00090	60131	Co-60	-0.0035 UJ	0.0097	0.003	0.028	1.00 - 4.00
6-00090	60131	Cs-134	-0.0002 U	0.0083	0.0029	0.0864	1.00 - 4.00
6-00090	60131	Cs-137	0.0142 J	0.0097	0.0038	0.207	1.00 - 4.00
6-00090	60131	Eu-152	-0.0099 U	0.0264	0.0086	0.0566	1.00 - 4.00
6-00090	60131	Eu-154	0.0389 J	0.0536	0.0199	0.15	1.00 - 4.00
6-00090	60131	Eu-155	0.0704 JS	0.0381	0.0149	0.231	1.00 - 4.00
6-00090	60131	H-3	-0.656 U	6.57	1.78	11.9	1.00 - 4.00
6-00090	60131	Ho-166m	0.0018 U	0.015	0.0044	0.0432	1.00 - 4.00
6-00090	60131	K-40	18.5	0.0748	1.03	32.4	1.00 - 4.00
6-00090	60131	Na-22	-0.0082 UJ	0.0111	0.004	0.037	1.00 - 4.00
6-00090	60131	Nb-94	0.0037 U	0.0086	0.0026	0.0214	1.00 - 4.00
6-00090	60131	Ni-59	-0.353 U	3.8	1.05	5.96	1.00 - 4.00
6-00090	60131	Ni-63	-0.2 U	1.46	0.435	4.92	1.00 - 4.00
6-00090	60131	Np-236	-0.0007 U	0.0208	0.0064	0.047	1.00 - 4.00
6-00090	60131	Np-239	0.0298 U	0.0742	0.0227	0.139	1.00 - 4.00
6-00090	60131	Pa-231	0.0216 U	0.451	0.138	0.936	1.00 - 4.00
6-00090	60131	Pb-212	1.44	0.0191	0.0851	2.69	1.00 - 4.00
6-00090	60131	Pb-214	0.856	0.0186	0.04	1.7	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00090	60131	Pu-236	0.0024	0.0064	0.0024	7.79	1.00 - 4.00
6-00090	60131	Pu-238	0.0045	0.0061	0.0032	0.0415	1.00 - 4.00
6-00090	60131	Pu-239/240	0.0032 U	0.0245	0.0062	0.0404	1.00 - 4.00
6-00090	60131	Pu-244	-0.002 U	0.0226	0.0046	0.0313	1.00 - 4.00
6-00090	60131	Sb-125	0.0147 JS	0.0255	0.0083	0.354	1.00 - 4.00
6-00090	60131	Sn-126	-0.0004 U	0.0097	0.0028	0.0237	1.00 - 4.00
6-00090	60131	Sr-90	0.0765 U	0.197	0.0593	0.485	1.00 - 4.00
6-00090	60131	Tc-99	-0.55 U	1.12	0.324	1.63	1.00 - 4.00
6-00090	60131	Th-228	1.46	0.0528	0.133	3.98	1.00 - 4.00
6-00090	60131	Th-229	0.0534	0.062	0.0233	0.145	1.00 - 4.00
6-00090	60131	Th-230	1.06	0.0181	0.104	2.2	1.00 - 4.00
6-00090	60131	Th-232	1.41	0.0489	0.126	3.1	1.00 - 4.00
6-00090	60131	Th-234	1.51	0.158	0.116	3.19	1.00 - 4.00
6-00090	60131	Tl-208	0.464	0.0096	0.024	0.937	1.00 - 4.00
6-00090	60131	Tm-171	-1.67 U	6.45	2.22	72.4	1.00 - 4.00
6-00090	60131	U-233/234	1.03	0.0245	0.0883	2.02	1.00 - 4.00
6-00090	60131	U-235/236	0.0586	0.035	0.0164	0.151	1.00 - 4.00
6-00090	60131	U-238	1.02	0.0194	0.0874	1.8	1.00 - 4.00
6-00094	60135	Ac-227	0.0038 U	0.145	0.0493	0.217	1.00 - 2.00
6-00094	60135	Ac-228	1.15	0.0742	0.0529	2.4	1.00 - 2.00
6-00094	60135	Am-241	0 U	0.0134	0.0029	0.0454	1.00 - 2.00
6-00094	60135	Bi-212	0.858	0.0996	0.0608	2.15	1.00 - 2.00
6-00094	60135	Bi-214	1.05	0.022	0.0475	1.59	1.00 - 2.00
6-00094	60135	C-14	0.245 U	0.885	0.267	2.96	1.00 - 2.00
6-00094	60135	Cd-113m	-4.81 U	94.1	32.2	3030	1.00 - 2.00
6-00094	60135	Cm-243/244	-0.0029 U	0.0263	0.0065	0.0443	1.00 - 2.00
6-00094	60135	Co-60	0.0056 U	0.0137	0.0041	0.028	1.00 - 2.00
6-00094	60135	Cs-134	0.0021 U	0.0113	0.0039	0.0864	1.00 - 2.00
6-00094	60135	Cs-137	0.0358	0.0122	0.0052	0.207	1.00 - 2.00
6-00094	60135	Eu-152	-0.0225 U	0.0345	0.0123	0.0566	1.00 - 2.00
6-00094	60135	Eu-154	-0.0345 U	0.0712	0.0265	0.15	1.00 - 2.00
6-00094	60135	Eu-155	0.032 JS	0.0503	0.0193	0.231	1.00 - 2.00
6-00094	60135	H-3	2.4	5.15	1.56	11.9	1.00 - 2.00
6-00094	60135	Ho-166m	-0.0061 U	0.0189	0.006	0.0432	1.00 - 2.00
6-00094	60135	K-40	21.3	0.1	1.33	32.4	1.00 - 2.00
6-00094	60135	Na-22	-0.0053 U	0.0154	0.0055	0.037	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00094	60135	Nb-94	0.0052 U	0.0113	0.0036	0.0214	1.00 - 2.00
6-00094	60135	Ni-59	1.36 U	4.33	1.1	5.96	1.00 - 2.00
6-00094	60135	Ni-63	0 U	1.25	0.376	4.92	1.00 - 2.00
6-00094	60135	Np-236	-0.0112 U	0.0271	0.0088	0.047	1.00 - 2.00
6-00094	60135	Np-239	0.0273 U	0.096	0.0291	0.139	1.00 - 2.00
6-00094	60135	Pa-231	-0.402 U	0.584	0.208	0.936	1.00 - 2.00
6-00094	60135	Pb-212	1.33	0.0256	0.0799	2.69	1.00 - 2.00
6-00094	60135	Pb-214	1.18	0.0252	0.0536	1.7	1.00 - 2.00
6-00094	60135	Pu-236	-0.0137 U	0.0483	0.0097	7.79	1.00 - 2.00
6-00094	60135	Pu-238	-0.0098 U	0.0427	0.0086	0.0415	1.00 - 2.00
6-00094	60135	Pu-239/240	-0.0033 U	0.039	0.0086	0.0404	1.00 - 2.00
6-00094	60135	Pu-244	-0.0033 U	0.0239	0.0046	0.0313	1.00 - 2.00
6-00094	60135	Sb-125	-0.0008 U	0.0327	0.0096	0.354	1.00 - 2.00
6-00094	60135	Sn-126	0.0043 U	0.0124	0.0038	0.0237	1.00 - 2.00
6-00094	60135	Sr-90	0.0122 U	0.0934	0.026	0.485	1.00 - 2.00
6-00094	60135	Tc-99	-0.342 U	1.23	0.36	1.63	1.00 - 2.00
6-00094	60135	Th-228	1.14	0.0191	0.111	3.98	1.00 - 2.00
6-00094	60135	Th-229	0.0329	0.0484	0.0175	0.145	1.00 - 2.00
6-00094	60135	Th-230	0.998	0.061	0.1	2.2	1.00 - 2.00
6-00094	60135	Th-232	1.12	0.0482	0.108	3.1	1.00 - 2.00
6-00094	60135	Th-234	1.59	0.221	0.15	3.19	1.00 - 2.00
6-00094	60135	Tl-208	0.402	0.0125	0.022	0.937	1.00 - 2.00
6-00094	60135	Tm-171	2.46 UJ	11.7	3.93	72.4	1.00 - 2.00
6-00094	60135	U-233/234	1.02	0.0194	0.0876	2.02	1.00 - 2.00
6-00094	60135	U-235/236	0.075	0.024	0.0171	0.151	1.00 - 2.00
6-00094	60135	U-238	0.884	0.0372	0.0782	1.8	1.00 - 2.00
6-00095	60136	Ac-227	-0.0181 U	0.151	0.054	0.217	1.00 - 3.00
6-00095	60136	Ac-228	1.24	0.0729	0.0579	2.4	1.00 - 3.00
6-00095	60136	Am-241	0.0016 U	0.0172	0.0042	0.0454	1.00 - 3.00
6-00095	60136	Bi-212	0.923	0.104	0.067	2.15	1.00 - 3.00
6-00095	60136	Bi-214	0.91	0.0222	0.0413	1.59	1.00 - 3.00
6-00095	60136	C-14	0.0706 U	0.854	0.255	2.96	1.00 - 3.00
6-00095	60136	Cd-113m	5.69 U	102	39.2	3030	1.00 - 3.00
6-00095	60136	Cm-243/244	-0.0064 U	0.0362	0.0091	0.0443	1.00 - 3.00
6-00095	60136	Co-60	0.0001 U	0.0137	0.004	0.028	1.00 - 3.00
6-00095	60136	Cs-134	-0.0025 U	0.0112	0.0039	0.0864	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00095	60136	Cs-137	0.0504	0.0144	0.0066	0.207	1.00 - 3.00
6-00095	60136	Eu-152	-0.0147 U	0.0366	0.0132	0.0566	1.00 - 3.00
6-00095	60136	Eu-154	0.0116 U	0.0764	0.0231	0.15	1.00 - 3.00
6-00095	60136	Eu-155	0.0806 JS	0.0555	0.0221	0.231	1.00 - 3.00
6-00095	60136	H-3	1.17 U	5.32	1.54	11.9	1.00 - 3.00
6-00095	60136	Ho-166m	0.0002 U	0.0206	0.0061	0.0432	1.00 - 3.00
6-00095	60136	K-40	21.6	0.0968	1.33	32.4	1.00 - 3.00
6-00095	60136	Na-22	-0.0042 U	0.0167	0.0057	0.037	1.00 - 3.00
6-00095	60136	Nb-94	0.0065 JS	0.0118	0.0038	0.0214	1.00 - 3.00
6-00095	60136	Ni-59	0.865 U	2.15	0.589	5.96	1.00 - 3.00
6-00095	60136	Ni-63	0.746	1.12	0.349	4.92	1.00 - 3.00
6-00095	60136	Np-236	0.0081 U	0.0306	0.0144	0.047	1.00 - 3.00
6-00095	60136	Np-239	0.0544 J	0.103	0.0339	0.139	1.00 - 3.00
6-00095	60136	Pa-231	-0.279 U	0.623	0.224	0.936	1.00 - 3.00
6-00095	60136	Pb-212	1.4	0.0268	0.092	2.69	1.00 - 3.00
6-00095	60136	Pb-214	1	0.0264	0.0494	1.7	1.00 - 3.00
6-00095	60136	Pu-236	-0.0093 U	0.0304	0.0057	7.79	1.00 - 3.00
6-00095	60136	Pu-238	-0.0088 U	0.0311	0.0062	0.0415	1.00 - 3.00
6-00095	60136	Pu-239/240	0.0022 U	0.0264	0.0066	0.0404	1.00 - 3.00
6-00095	60136	Pu-244	0.0044	0.006	0.0031	0.0313	1.00 - 3.00
6-00095	60136	Sb-125	0.0072 U	0.0348	0.0105	0.354	1.00 - 3.00
6-00095	60136	Sn-126	-0.0021 U	0.0127	0.0038	0.0237	1.00 - 3.00
6-00095	60136	Sr-90	-0.019 U	0.131	0.0349	0.485	1.00 - 3.00
6-00095	60136	Tc-99	-0.123 U	1.27	0.371	1.63	1.00 - 3.00
6-00095	60136	Th-228	1.45	0.056	0.135	3.98	1.00 - 3.00
6-00095	60136	Th-229	0 U	0.093	0.0224	0.145	1.00 - 3.00
6-00095	60136	Th-230	0.884	0.0521	0.095	2.2	1.00 - 3.00
6-00095	60136	Th-232	1.16	0.0655	0.114	3.1	1.00 - 3.00
6-00095	60136	Th-234	1.37 J	0.253	0.142	3.19	1.00 - 3.00
6-00095	60136	Tl-208	0.431	0.013	0.0233	0.937	1.00 - 3.00
6-00095	60136	Tm-171	-8.8 UJ	14.9	5.45	72.4	1.00 - 3.00
6-00095	60136	U-233/234	0.823	0.0576	0.0823	2.02	1.00 - 3.00
6-00095	60136	U-235/236	0.0379	0.0129	0.0137	0.151	1.00 - 3.00
6-00095	60136	U-238	0.744	0.0413	0.0758	1.8	1.00 - 3.00
6-00096	60137	Ac-227	-0.0339 U	0.128	0.0405	0.217	1.00 - 2.00
6-00096	60137	Ac-228	1.17	0.0644	0.0538	2.4	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00096	60137	Am-241	-0.0007 U	0.0262	0.006	0.0454	1.00 - 2.00
6-00096	60137	Bi-212	0.83	0.0924	0.0633	2.15	1.00 - 2.00
6-00096	60137	Bi-214	0.91	0.0197	0.0404	1.59	1.00 - 2.00
6-00096	60137	C-14	0.191 U	0.764	0.23	2.96	1.00 - 2.00
6-00096	60137	Cd-113m	-3.93 U	85.6	27.8	3030	1.00 - 2.00
6-00096	60137	Cm-243/244	0.0134 U	0.0371	0.0109	0.0443	1.00 - 2.00
6-00096	60137	Co-60	0.0025 U	0.0126	0.0038	0.028	1.00 - 2.00
6-00096	60137	Cs-134	0.0013 U	0.0103	0.0035	0.0864	1.00 - 2.00
6-00096	60137	Cs-137	0.0719	0.0117	0.0061	0.207	1.00 - 2.00
6-00096	60137	Eu-152	-0.0163 U	0.031	0.01	0.0566	1.00 - 2.00
6-00096	60137	Eu-154	-0.0818 UJ	0.067	0.0286	0.15	1.00 - 2.00
6-00096	60137	Eu-155	0.0693 JS	0.0446	0.0184	0.231	1.00 - 2.00
6-00096	60137	H-3	1.96 U	7.01	2.05	11.9	1.00 - 2.00
6-00096	60137	Ho-166m	0.004 U	0.0179	0.0055	0.0432	1.00 - 2.00
6-00096	60137	K-40	21.7	0.0936	1.22	32.4	1.00 - 2.00
6-00096	60137	Na-22	0.0059 U	0.015	0.0053	0.037	1.00 - 2.00
6-00096	60137	Nb-94	0.0015 U	0.0107	0.0033	0.0214	1.00 - 2.00
6-00096	60137	Ni-59	-2.19 LU	2.92	1.03	5.96	1.00 - 2.00
6-00096	60137	Ni-63	-0.148 U	1.39	0.416	4.92	1.00 - 2.00
6-00096	60137	Np-236	-0.0086 U	0.0239	0.0074	0.047	1.00 - 2.00
6-00096	60137	Np-239	0.0198 U	0.0848	0.0262	0.139	1.00 - 2.00
6-00096	60137	Pa-231	-0.284 U	0.518	0.176	0.936	1.00 - 2.00
6-00096	60137	Pb-212	1.42	0.0227	0.0838	2.69	1.00 - 2.00
6-00096	60137	Pb-214	1.02	0.0223	0.0472	1.7	1.00 - 2.00
6-00096	60137	Pu-236	0.0062 U	0.0407	0.0108	7.79	1.00 - 2.00
6-00096	60137	Pu-238	0.0059 U	0.0511	0.0138	0.0415	1.00 - 2.00
6-00096	60137	Pu-239/240	0 U	0.0315	0.0072	0.0404	1.00 - 2.00
6-00096	60137	Pu-244	0.0117 J	0.0079	0.0059	0.0313	1.00 - 2.00
6-00096	60137	Sb-125	0.0132 U	0.0314	0.0096	0.354	1.00 - 2.00
6-00096	60137	Sn-126	-0.0042 U	0.0115	0.0037	0.0237	1.00 - 2.00
6-00096	60137	Sr-90	0.162	0.235	0.0757	0.485	1.00 - 2.00
6-00096	60137	Tc-99	0.301 U	1.19	0.357	1.63	1.00 - 2.00
6-00096	60137	Th-228	1.35	0.0554	0.128	3.98	1.00 - 2.00
6-00096	60137	Th-229	0.007 U	0.0646	0.0156	0.145	1.00 - 2.00
6-00096	60137	Th-230	0.749	0.0188	0.0844	2.2	1.00 - 2.00
6-00096	60137	Th-232	1.01	0.0509	0.103	3.1	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00096	60137	Th-234	1.28 J	0.192	0.112	3.19	1.00 - 2.00
6-00096	60137	Tl-208	0.437	0.0118	0.0238	0.937	1.00 - 2.00
6-00096	60137	Tm-171	-2.14 U	9.12	3.21	72.4	1.00 - 2.00
6-00096	60137	U-233/234	0.798	0.0431	0.0886	2.02	1.00 - 2.00
6-00096	60137	U-235/236	0.0492	0.043	0.02	0.151	1.00 - 2.00
6-00096	60137	U-238	0.825	0.0148	0.0904	1.8	1.00 - 2.00
6-00097	60138	Ac-227	-0.102 U	0.162	0.0566	0.217	1.00 - 5.00
6-00097	60138	Ac-228	1.26	0.0786	0.0595	2.4	1.00 - 5.00
6-00097	60138	Am-241	0.0042	0.0104	0.0032	0.0454	1.00 - 5.00
6-00097	60138	Bi-212	0.957	0.112	0.0684	2.15	1.00 - 5.00
6-00097	60138	Bi-214	1	0.0242	0.0454	1.59	1.00 - 5.00
6-00097	60138	C-14	-0.0911 U	0.735	0.217	2.96	1.00 - 5.00
6-00097	60138	Cd-113m	-107 UJ	107	43.6	3030	1.00 - 5.00
6-00097	60138	Cm-243/244	0.0043	0.0039	0.0025	0.0443	1.00 - 5.00
6-00097	60138	Co-60	-0.0067 U	0.0151	0.0048	0.028	1.00 - 5.00
6-00097	60138	Cs-134	-0.0024 U	0.0119	0.0041	0.0864	1.00 - 5.00
6-00097	60138	Cs-137	0.0207	0.014	0.0059	0.207	1.00 - 5.00
6-00097	60138	Eu-152	-0.0228 U	0.0393	0.0155	0.0566	1.00 - 5.00
6-00097	60138	Eu-154	-0.0266 U	0.0804	0.0254	0.15	1.00 - 5.00
6-00097	60138	Eu-155	0.0586 JS	0.0604	0.0211	0.231	1.00 - 5.00
6-00097	60138	H-3	0.936 U	9.05	2.69	11.9	1.00 - 5.00
6-00097	60138	Ho-166m	-0.0006 U	0.022	0.0065	0.0432	1.00 - 5.00
6-00097	60138	K-40	23.4	0.104	1.44	32.4	1.00 - 5.00
6-00097	60138	Na-22	-0.0115 U	0.0178	0.0061	0.037	1.00 - 5.00
6-00097	60138	Nb-94	0.007 JS	0.0128	0.0041	0.0214	1.00 - 5.00
6-00097	60138	Ni-59	0.162 UJ	1.61	0.443	5.96	1.00 - 5.00
6-00097	60138	Ni-63	0.184 U	1.2	0.361	4.92	1.00 - 5.00
6-00097	60138	Np-236	0.001 U	0.0325	0.01	0.047	1.00 - 5.00
6-00097	60138	Np-239	0.0123 U	0.109	0.0337	0.139	1.00 - 5.00
6-00097	60138	Pa-231	-0.117 U	0.683	0.224	0.936	1.00 - 5.00
6-00097	60138	Pb-212	1.5	0.0285	0.0987	2.69	1.00 - 5.00
6-00097	60138	Pb-214	1.15	0.0284	0.0565	1.7	1.00 - 5.00
6-00097	60138	Pu-236	0.0037 U	0.0162	0.0045	7.79	1.00 - 5.00
6-00097	60138	Pu-238	-0.0012 U	0.0186	0.0046	0.0415	1.00 - 5.00
6-00097	60138	Pu-239/240	0.007	0.0086	0.0033	0.0404	1.00 - 5.00
6-00097	60138	Pu-244	0.007	0.0032	0.0029	0.0313	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00097	60138	Sb-125	0.0127 U	0.0374	0.0115	0.354	1.00 - 5.00
6-00097	60138	Sn-126	-0.0003 U	0.0141	0.0042	0.0237	1.00 - 5.00
6-00097	60138	Sr-90	-0.0018 U	0.0909	0.0238	0.485	1.00 - 5.00
6-00097	60138	Tc-99	-0.508 U	1.26	0.356	1.63	1.00 - 5.00
6-00097	60138	Th-228	1.35	0.0288	0.146	3.98	1.00 - 5.00
6-00097	60138	Th-229	0 U	0.107	0.0244	0.145	1.00 - 5.00
6-00097	60138	Th-230	0.854	0.13	0.111	2.2	1.00 - 5.00
6-00097	60138	Th-232	1.18	0.0268	0.131	3.1	1.00 - 5.00
6-00097	60138	Th-234	1.88	0.264	0.178	3.19	1.00 - 5.00
6-00097	60138	Tl-208	0.45	0.0137	0.0243	0.937	1.00 - 5.00
6-00097	60138	Tm-171	0.569 U	16.3	5.41	72.4	1.00 - 5.00
6-00097	60138	U-233/234	0.919	0.0611	0.102	2.02	1.00 - 5.00
6-00097	60138	U-235/236	0.0527	0.0204	0.0203	0.151	1.00 - 5.00
6-00097	60138	U-238	1.03	0.048	0.11	1.8	1.00 - 5.00
6-00098	60139	Ac-227	-0.0488 U	0.161	0.0511	0.217	0.00 - 0.50
6-00098	60139	Ac-228	0.921	0.0926	0.0464	2.4	0.00 - 0.50
6-00098	60139	Am-241	0.0052 U	0.0236	0.0064	0.0454	0.00 - 0.50
6-00098	60139	Bi-212	0.63 J	0.118	0.0669	2.15	0.00 - 0.50
6-00098	60139	Bi-214	0.77	0.0289	0.0384	1.59	0.00 - 0.50
6-00098	60139	C-14	0.148 U	0.873	0.262	2.96	0.00 - 0.50
6-00098	60139	Cd-113m	6.38 U	106	32.5	3030	0.00 - 0.50
6-00098	60139	Cm-243/244	-0.0083 U	0.037	0.0084	0.0443	0.00 - 0.50
6-00098	60139	Co-60	-0.0003 U	0.0171	0.005	0.028	0.00 - 0.50
6-00098	60139	Cs-134	0.0096 JS	0.0149	0.0054	0.0864	0.00 - 0.50
6-00098	60139	Cs-137	1.19	0.0161	0.0673	0.207	0.00 - 0.50
6-00098	60139	Eu-152	-0.0237 U	0.0415	0.0152	0.0566	0.00 - 0.50
6-00098	60139	Eu-154	-0.0218 U	0.0943	0.0289	0.15	0.00 - 0.50
6-00098	60139	Eu-155	0.0795 JS	0.0463	0.0216	0.231	0.00 - 0.50
6-00098	60139	H-3	2.1 U	9.13	2.6	11.9	0.00 - 0.50
6-00098	60139	Ho-166m	0.0096 UJ	0.0243	0.0072	0.0432	0.00 - 0.50
6-00098	60139	K-40	20.1	0.106	1.08	32.4	0.00 - 0.50
6-00098	60139	Na-22	-0.0096 U	0.0199	0.0064	0.037	0.00 - 0.50
6-00098	60139	Nb-94	0.008 JS	0.0139	0.0074	0.0214	0.00 - 0.50
6-00098	60139	Ni-59	-0.087 U	4.56	1.24	5.96	0.00 - 0.50
6-00098	60139	Ni-63	0.0912 U	1.15	0.342	4.92	0.00 - 0.50
6-00098	60139	Np-236	-0.0125 U	0.0255	0.0081	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00098	60139	Np-239	0.0262 U	0.103	0.0315	0.139	0.00 - 0.50
6-00098	60139	Pa-231	-0.3 U	0.66	0.219	0.936	0.00 - 0.50
6-00098	60139	Pb-212	1.01	0.0281	0.0564	2.69	0.00 - 0.50
6-00098	60139	Pb-214	0.806	0.03	0.039	1.7	0.00 - 0.50
6-00098	60139	Pu-236	0.0067 U	0.0214	0.0061	7.79	0.00 - 0.50
6-00098	60139	Pu-238	0.0003 U	0.0221	0.005	0.0415	0.00 - 0.50
6-00098	60139	Pu-239/240	0.0028 U	0.014	0.0035	0.0404	0.00 - 0.50
6-00098	60139	Pu-244	0	0.006	0.0022	0.0313	0.00 - 0.50
6-00098	60139	Sb-125	0.0192 U	0.0459	0.014	0.354	0.00 - 0.50
6-00098	60139	Sn-126	0.0023 U	0.0152	0.0044	0.0237	0.00 - 0.50
6-00098	60139	Sr-90	0.392	0.181	0.0784	0.485	0.00 - 0.50
6-00098	60139	Tc-99	-0.574 U	1.06	0.301	1.63	0.00 - 0.50
6-00098	60139	Th-228	1	0.0554	0.105	3.98	0.00 - 0.50
6-00098	60139	Th-229	0.0068 U	0.0731	0.018	0.145	0.00 - 0.50
6-00098	60139	Th-230	0.684	0.0629	0.08	2.2	0.00 - 0.50
6-00098	60139	Th-232	0.749	0.0183	0.0835	3.1	0.00 - 0.50
6-00098	60139	Th-234	1.13	0.189	0.103	3.19	0.00 - 0.50
6-00098	60139	Tl-208	0.331	0.016	0.021	0.937	0.00 - 0.50
6-00098	60139	Tm-171	0.426 U	5.83	1.98	72.4	0.00 - 0.50
6-00098	60139	U-233/234	0.865	0.0491	0.0939	2.02	0.00 - 0.50
6-00098	60139	U-235/236	0.101	0.0182	0.027	0.151	0.00 - 0.50
6-00098	60139	U-238	0.818	0.0428	0.09	1.8	0.00 - 0.50
6-00098	60140	Ac-227	0.0933 U	0.216	0.0662	0.217	1.00 - 3.00
6-00098	60140	Ac-228	0.989	0.124	0.0532	2.4	1.00 - 3.00
6-00098	60140	Am-241	-0.0004 U	0.0229	0.0048	0.0454	1.00 - 3.00
6-00098	60140	Bi-212	0.646 J	0.251	0.176	2.15	1.00 - 3.00
6-00098	60140	Bi-214	0.811	0.0371	0.0429	1.59	1.00 - 3.00
6-00098	60140	C-14	0.0224 U	0.848	0.254	2.96	1.00 - 3.00
6-00098	60140	Cd-113m	-9.89 U	139	42.4	3030	1.00 - 3.00
6-00098	60140	Cm-243/244	0.0022 U	0.0231	0.0055	0.0443	1.00 - 3.00
6-00098	60140	Co-60	-0.0073 U	0.0217	0.0067	0.028	1.00 - 3.00
6-00098	60140	Cs-134	-0.0021 U	0.0183	0.0062	0.0864	1.00 - 3.00
6-00098	60140	Cs-137	-0.0015 U	0.0226	0.0066	0.207	1.00 - 3.00
6-00098	60140	Eu-152	0.0044 U	0.055	0.0186	0.0566	1.00 - 3.00
6-00098	60140	Eu-154	0.035 U	0.134	0.0398	0.15	1.00 - 3.00
6-00098	60140	Eu-155	0.0766 JS	0.069	0.026	0.231	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00098	60140	H-3	3.99	7.28	2.25	11.9	1.00 - 3.00
6-00098	60140	Ho-166m	0.002 U	0.0339	0.0099	0.0432	1.00 - 3.00
6-00098	60140	K-40	18.2	0.157	1.05	32.4	1.00 - 3.00
6-00098	60140	Na-22	-0.0092 U	0.0263	0.0082	0.037	1.00 - 3.00
6-00098	60140	Nb-94	0.005 U	0.0197	0.0058	0.0214	1.00 - 3.00
6-00098	60140	Ni-59	-2.26 U	7.07	2.07	5.96	1.00 - 3.00
6-00098	60140	Ni-63	0.215 U	1.12	0.333	4.92	1.00 - 3.00
6-00098	60140	Np-236	0.0077 U	0.0379	0.0117	0.047	1.00 - 3.00
6-00098	60140	Np-239	-0.0151 U	0.137	0.0405	0.139	1.00 - 3.00
6-00098	60140	Pa-231	0.228 U	0.904	0.269	0.936	1.00 - 3.00
6-00098	60140	Pb-212	1.18	0.04	0.0703	2.69	1.00 - 3.00
6-00098	60140	Pb-214	0.858	0.0381	0.0436	1.7	1.00 - 3.00
6-00098	60140	Pu-236	-0.0114 U	0.0394	0.0075	7.79	1.00 - 3.00
6-00098	60140	Pu-238	-0.0042 U	0.039	0.0089	0.0415	1.00 - 3.00
6-00098	60140	Pu-239/240	0.0036 U	0.0181	0.0045	0.0404	1.00 - 3.00
6-00098	60140	Pu-244	-0.0041 U	0.0224	0.0041	0.0313	1.00 - 3.00
6-00098	60140	Sb-125	0.0015 U	0.0549	0.0165	0.354	1.00 - 3.00
6-00098	60140	Sn-126	-0.0002 U	0.0211	0.0061	0.0237	1.00 - 3.00
6-00098	60140	Sr-90	0.272 U	0.464	0.146	0.485	1.00 - 3.00
6-00098	60140	Tc-99	0.153 U	0.79	0.231	1.63	1.00 - 3.00
6-00098	60140	Th-228	1.13	0.0847	0.117	3.98	1.00 - 3.00
6-00098	60140	Th-229	0.0288	0.0195	0.0145	0.145	1.00 - 3.00
6-00098	60140	Th-230	0.784	0.101	0.0917	2.2	1.00 - 3.00
6-00098	60140	Th-232	1.01	0.0528	0.104	3.1	1.00 - 3.00
6-00098	60140	Th-234	1.23 J	0.291	0.143	3.19	1.00 - 3.00
6-00098	60140	Tl-208	0.397	0.0213	0.0248	0.937	1.00 - 3.00
6-00098	60140	Tm-171	-5.18 U	12.8	4.51	72.4	1.00 - 3.00
6-00098	60140	U-233/234	0.68	0.0495	0.0833	2.02	1.00 - 3.00
6-00098	60140	U-235/236	0.0388	0.021	0.0176	0.151	1.00 - 3.00
6-00098	60140	U-238	0.828	0.017	0.0949	1.8	1.00 - 3.00
6-00102	60144	Ac-227	-0.0162 U	0.189	0.0556	0.217	0.00 - 0.50
6-00102	60144	Ac-228	1.21	0.104	0.0603	2.4	0.00 - 0.50
6-00102	60144	Am-241	0 U	0.0192	0.0045	0.0454	0.00 - 0.50
6-00102	60144	Bi-212	0.905	0.151	0.0859	2.15	0.00 - 0.50
6-00102	60144	Bi-214	0.834	0.0307	0.0411	1.59	0.00 - 0.50
6-00102	60144	C-14	-0.225 U	0.782	0.23	2.96	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00102	60144	Cd-113m	23.3 U	125	38.1	3030	0.00 - 0.50
6-00102	60144	Cm-243/244	0 U	0.0149	0.0032	0.0443	0.00 - 0.50
6-00102	60144	Co-60	0.0035 U	0.0197	0.0058	0.028	0.00 - 0.50
6-00102	60144	Cs-134	0.0033 U	0.0164	0.0055	0.0864	0.00 - 0.50
6-00102	60144	Cs-137	0.0199	0.019	0.0071	0.207	0.00 - 0.50
6-00102	60144	Eu-152	0.004 U	0.0471	0.016	0.0566	0.00 - 0.50
6-00102	60144	Eu-154	-0.0296 UJ	0.108	0.0326	0.15	0.00 - 0.50
6-00102	60144	Eu-155	0.0384 SJ	0.07	0.0226	0.231	0.00 - 0.50
6-00102	60144	H-3	2.91 U	7.36	2.23	11.9	0.00 - 0.50
6-00102	60144	Ho-166m	0.0053 U	0.0277	0.0082	0.0432	0.00 - 0.50
6-00102	60144	K-40	21.4	0.128	1.31	32.4	0.00 - 0.50
6-00102	60144	Na-22	-0.0066 U	0.0235	0.0073	0.037	0.00 - 0.50
6-00102	60144	Nb-94	0.0189 SJ	0.0177	0.0066	0.0214	0.00 - 0.50
6-00102	60144	Ni-59	0.329 UJ	1.74	0.476	5.96	0.00 - 0.50
6-00102	60144	Ni-63	0.151 U	1.47	0.441	4.92	0.00 - 0.50
6-00102	60144	Np-236	-0.0197 U	0.0347	0.0116	0.047	0.00 - 0.50
6-00102	60144	Np-239	-0.0344 U	0.123	0.0371	0.139	0.00 - 0.50
6-00102	60144	Pa-231	-0.0479 U	0.778	0.238	0.936	0.00 - 0.50
6-00102	60144	Pb-212	1.4	0.0346	0.084	2.69	0.00 - 0.50
6-00102	60144	Pb-214	0.924	0.0334	0.0453	1.7	0.00 - 0.50
6-00102	60144	Pu-236	-0.0079 U	0.0222	0.0042	7.79	0.00 - 0.50
6-00102	60144	Pu-238	0 U	0.021	0.0052	0.0415	0.00 - 0.50
6-00102	60144	Pu-239/240	0.0015 U	0.011	0.0026	0.0404	0.00 - 0.50
6-00102	60144	Pu-244	0.0119 J	0.011	0.0048	0.0313	0.00 - 0.50
6-00102	60144	Pu-244	0.0119 J	0.011	0.0048	0.0313	0.00 - 0.50
6-00102	60144	Sb-125	0.0002 U	0.0457	0.0138	0.354	0.00 - 0.50
6-00102	60144	Sn-126	-0.0114 U	0.0171	0.0059	0.0237	0.00 - 0.50
6-00102	60144	Sr-90	0.125	0.134	0.0455	0.485	0.00 - 0.50
6-00102	60144	Tc-99	-0.767 U	1.62	0.457	1.63	0.00 - 0.50
6-00102	60144	Th-228	1.15	0.0601	0.119	3.98	0.00 - 0.50
6-00102	60144	Th-229	0.0076 U	0.0814	0.02	0.145	0.00 - 0.50
6-00102	60144	Th-230	0.785	0.0204	0.0897	2.2	0.00 - 0.50
6-00102	60144	Th-232	1.11	0.0699	0.113	3.1	0.00 - 0.50
6-00102	60144	Th-234	1.5 J	0.281	0.165	3.19	0.00 - 0.50
6-00102	60144	Tl-208	0.445	0.0191	0.026	0.937	0.00 - 0.50
6-00102	60144	Tm-171	-2.03 U	15.2	5.01	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00102	60144	U-233/234	0.831	0.0775	0.097	2.02	0.00 - 0.50
6-00102	60144	U-235/236	0.0386	0.0209	0.0175	0.151	0.00 - 0.50
6-00102	60144	U-238	0.835	0.0493	0.0961	1.8	0.00 - 0.50
6-00103	60146	Ac-227	0.0104 U	0.157	0.0482	0.217	1.00 - 5.00
6-00103	60146	Ac-228	1.43	0.0719	0.0665	2.4	1.00 - 5.00
6-00103	60146	Am-241	0.0008 U	0.0225	0.0053	0.0454	1.00 - 5.00
6-00103	60146	Bi-212	1.1	0.102	0.0747	2.15	1.00 - 5.00
6-00103	60146	Bi-214	1.07	0.0223	0.0469	1.59	1.00 - 5.00
6-00103	60146	C-14	0.0967 U	0.861	0.259	2.96	1.00 - 5.00
6-00103	60146	Cd-113m	16.9 U	106	35.3	3030	1.00 - 5.00
6-00103	60146	Cm-243/244	-0.0085 U	0.0342	0.0076	0.0443	1.00 - 5.00
6-00103	60146	Co-60	0.0089 J	0.0136	0.0044	0.028	1.00 - 5.00
6-00103	60146	Cs-134	-0.0037 U	0.0114	0.0041	0.0864	1.00 - 5.00
6-00103	60146	Cs-137	0.0153	0.0123	0.0045	0.207	1.00 - 5.00
6-00103	60146	Eu-152	-0.0211 U	0.0377	0.0139	0.0566	1.00 - 5.00
6-00103	60146	Eu-154	0.0092 U	0.0708	0.024	0.15	1.00 - 5.00
6-00103	60146	Eu-155	0.136 JS	0.0571	0.0251	0.231	1.00 - 5.00
6-00103	60146	H-3	-0.233 U	8.45	2.31	11.9	1.00 - 5.00
6-00103	60146	Ho-166m	-0.0139 UJ	0.0194	0.0069	0.0432	1.00 - 5.00
6-00103	60146	K-40	23.3	0.11	1.41	32.4	1.00 - 5.00
6-00103	60146	Na-22	-0.0011 U	0.0161	0.0048	0.037	1.00 - 5.00
6-00103	60146	Nb-94	0.0022 U	0.0113	0.0034	0.0214	1.00 - 5.00
6-00103	60146	Ni-59	1.32 U	5.21	1.35	5.96	1.00 - 5.00
6-00103	60146	Ni-63	0.369 U	1.44	0.434	4.92	1.00 - 5.00
6-00103	60146	Np-236	-0.0091 UJ	0.0304	0.0097	0.047	1.00 - 5.00
6-00103	60146	Np-239	0.0222 U	0.106	0.0329	0.139	1.00 - 5.00
6-00103	60146	Pa-231	-0.06 UJ	0.649	0.201	0.936	1.00 - 5.00
6-00103	60146	Pb-212	1.72	0.0279	0.105	2.69	1.00 - 5.00
6-00103	60146	Pb-214	1.23	0.027	0.0562	1.7	1.00 - 5.00
6-00103	60146	Pu-236	-0.0013 U	0.038	0.0091	7.79	1.00 - 5.00
6-00103	60146	Pu-238	-0.002 U	0.0343	0.0079	0.0415	1.00 - 5.00
6-00103	60146	Pu-239/240	-0.0049 U	0.0263	0.0046	0.0404	1.00 - 5.00
6-00103	60146	Pu-244	0.0026	0.0071	0.0026	0.0313	1.00 - 5.00
6-00103	60146	Sb-125	-0.0067 U	0.035	0.0105	0.354	1.00 - 5.00
6-00103	60146	Sn-126	0.0054 U	0.0132	0.0041	0.0237	1.00 - 5.00
6-00103	60146	Sr-90	0.0463 U	0.213	0.0608	0.485	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00103	60146	Tc-99	-0.789 U	1.44	0.418	1.63	1.00 - 5.00
6-00103	60146	Th-228	1.37	0.117	0.146	3.98	1.00 - 5.00
6-00103	60146	Th-229	0.0537	0.108	0.0336	0.145	1.00 - 5.00
6-00103	60146	Th-230	0.955	0.117	0.113	2.2	1.00 - 5.00
6-00103	60146	Th-232	1.04	0.0655	0.116	3.1	1.00 - 5.00
6-00103	60146	Th-234	1.94	0.248	0.167	3.19	1.00 - 5.00
6-00103	60146	Tl-208	0.515	0.0131	0.027	0.937	1.00 - 5.00
6-00103	60146	Tm-171	-11.5 UJ	12.2	5	72.4	1.00 - 5.00
6-00103	60146	U-233/234	0.964	0.0674	0.0999	2.02	1.00 - 5.00
6-00103	60146	U-235/236	0.0321	0.0387	0.0157	0.151	1.00 - 5.00
6-00103	60146	U-238	0.98	0.0313	0.0999	1.8	1.00 - 5.00
6-00104	60147	Ac-227	0.0266 U	0.226	0.067	0.217	1.00 - 3.50
6-00104	60147	Ac-228	1.44	0.0997	0.0722	2.4	1.00 - 3.50
6-00104	60147	Am-241	0.0058	0.0039	0.0029	0.0454	1.00 - 3.50
6-00104	60147	Bi-212	0.997	0.14	0.0885	2.15	1.00 - 3.50
6-00104	60147	Bi-214	1.16	0.0307	0.0542	1.59	1.00 - 3.50
6-00104	60147	C-14	0.428 U	0.885	0.269	2.96	1.00 - 3.50
6-00104	60147	Cd-113m	-222 UJ	150	76	3030	1.00 - 3.50
6-00104	60147	Cm-243/244	0.0015	0.0039	0.0015	0.0443	1.00 - 3.50
6-00104	60147	Co-60	0.0052 U	0.0194	0.0057	0.028	1.00 - 3.50
6-00104	60147	Cs-134	0.0274 JS	0.0184	0.0089	0.0864	1.00 - 3.50
6-00104	60147	Cs-137	0.0126 J	0.0193	0.0064	0.207	1.00 - 3.50
6-00104	60147	Eu-152	0.0141 U	0.0546	0.032	0.0566	1.00 - 3.50
6-00104	60147	Eu-154	0.0377 U	0.103	0.0319	0.15	1.00 - 3.50
6-00104	60147	Eu-155	-0.0186 U	0.0854	0.0265	0.231	1.00 - 3.50
6-00104	60147	H-3	1.06 U	4.85	1.41	11.9	1.00 - 3.50
6-00104	60147	Ho-166m	0.0003 U	0.0275	0.0082	0.0432	1.00 - 3.50
6-00104	60147	K-40	25.2	0.134	1.63	32.4	1.00 - 3.50
6-00104	60147	Na-22	-0.0145 U	0.0222	0.0075	0.037	1.00 - 3.50
6-00104	60147	Nb-94	0.0107 JS	0.0164	0.0054	0.0214	1.00 - 3.50
6-00104	60147	Ni-59	-1.17 U	2.19	0.706	5.96	1.00 - 3.50
6-00104	60147	Ni-63	-0.417 U	1.77	0.529	4.92	1.00 - 3.50
6-00104	60147	Np-236	-0.0154 U	0.0451	0.0143	0.047	1.00 - 3.50
6-00104	60147	Np-239	0.0355 U	0.155	0.0493	0.139	1.00 - 3.50
6-00104	60147	Pa-231	0.365 U	0.934	0.332	0.936	1.00 - 3.50
6-00104	60147	Pb-212	1.8	0.0393	0.128	2.69	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00104	60147	Pb-214	1.33	0.0385	0.0689	1.7	1.00 - 3.50
6-00104	60147	Pu-236	0.0022 U	0.0159	0.0038	7.79	1.00 - 3.50
6-00104	60147	Pu-238	-0.0041 U	0.0221	0.0041	0.0415	1.00 - 3.50
6-00104	60147	Pu-239/240	0.0062	0.0151	0.0046	0.0404	1.00 - 3.50
6-00104	60147	Pu-244	0 U	0.0151	0.0029	0.0313	1.00 - 3.50
6-00104	60147	Sb-125	0.0194 U	0.0504	0.0155	0.354	1.00 - 3.50
6-00104	60147	Sn-126	-0.0012 U	0.0177	0.0058	0.0237	1.00 - 3.50
6-00104	60147	Sr-90	0.0865	0.121	0.0393	0.485	1.00 - 3.50
6-00104	60147	Tc-99	-0.117 U	1.19	0.351	1.63	1.00 - 3.50
6-00104	60147	Th-228	1.41	0.0518	0.129	3.98	1.00 - 3.50
6-00104	60147	Th-229	-0.0131 U	0.0788	0.0161	0.145	1.00 - 3.50
6-00104	60147	Th-230	1.12	0.0608	0.108	2.2	1.00 - 3.50
6-00104	60147	Th-232	1.16	0.0177	0.11	3.1	1.00 - 3.50
6-00104	60147	Th-234	1.64 J	0.446	0.448	3.19	1.00 - 3.50
6-00104	60147	Tl-208	0.496	0.0184	0.0286	0.937	1.00 - 3.50
6-00104	60147	Tm-171	-3.63 UJ	23.4	7.53	72.4	1.00 - 3.50
6-00104	60147	U-233/234	1.01	0.0565	0.0956	2.02	1.00 - 3.50
6-00104	60147	U-235/236	0.079	0.0342	0.021	0.151	1.00 - 3.50
6-00104	60147	U-238	0.921	0.0277	0.0882	1.8	1.00 - 3.50
6-00105	60148	Ac-227	-0.0233 U	0.128	0.0378	0.217	1.00 - 3.50
6-00105	60148	Ac-228	1.27	0.0644	0.0577	2.4	1.00 - 3.50
6-00105	60148	Am-241	0.0045 U	0.016	0.0045	0.0454	1.00 - 3.50
6-00105	60148	Bi-212	0.877	0.0909	0.0675	2.15	1.00 - 3.50
6-00105	60148	Bi-214	0.923	0.0194	0.0409	1.59	1.00 - 3.50
6-00105	60148	C-14	0.272 U	0.901	0.272	2.96	1.00 - 3.50
6-00105	60148	Cd-113m	-4.47 U	84.6	24.8	3030	1.00 - 3.50
6-00105	60148	Cm-243/244	-0.0015 U	0.0139	0.0026	0.0443	1.00 - 3.50
6-00105	60148	Co-60	-0.0015 U	0.0119	0.0036	0.028	1.00 - 3.50
6-00105	60148	Cs-134	-0.0033 U	0.0098	0.0036	0.0864	1.00 - 3.50
6-00105	60148	Cs-137	0.0621	0.0107	0.0061	0.207	1.00 - 3.50
6-00105	60148	Eu-152	-0.0196 U	0.0302	0.0105	0.0566	1.00 - 3.50
6-00105	60148	Eu-154	0.0078 U	0.065	0.022	0.15	1.00 - 3.50
6-00105	60148	Eu-155	0.046 JS	0.0449	0.0173	0.231	1.00 - 3.50
6-00105	60148	H-3	1.37 U	4.98	1.46	11.9	1.00 - 3.50
6-00105	60148	Ho-166m	-0.0023 U	0.0176	0.0054	0.0432	1.00 - 3.50
6-00105	60148	K-40	23.6	0.0769	1.31	32.4	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00105	60148	Na-22	-0.0026 U	0.0143	0.0044	0.037	1.00 - 3.50
6-00105	60148	Nb-94	0.002 U	0.0101	0.0031	0.0214	1.00 - 3.50
6-00105	60148	Ni-59	-2.41 U	4.5	1.45	5.96	1.00 - 3.50
6-00105	60148	Ni-63	0.119 U	1.16	0.347	4.92	1.00 - 3.50
6-00105	60148	Np-236	-0.0035 U	0.0244	0.0075	0.047	1.00 - 3.50
6-00105	60148	Np-239	0.0329 U	0.0863	0.0278	0.139	1.00 - 3.50
6-00105	60148	Pa-231	0.0771 U	0.534	0.162	0.936	1.00 - 3.50
6-00105	60148	Pb-212	1.45	0.0224	0.0842	2.69	1.00 - 3.50
6-00105	60148	Pb-214	1.07	0.0222	0.0485	1.7	1.00 - 3.50
6-00105	60148	Pu-236	0.0096	0.0052	0.0043	7.79	1.00 - 3.50
6-00105	60148	Pu-238	0 U	0.017	0.0037	0.0415	1.00 - 3.50
6-00105	60148	Pu-239/240	0.0055 U	0.017	0.0049	0.0404	1.00 - 3.50
6-00105	60148	Pu-244	0	0.005	0.0018	0.0313	1.00 - 3.50
6-00105	60148	Sb-125	0.009 U	0.0298	0.009	0.354	1.00 - 3.50
6-00105	60148	Sn-126	0.0039 U	0.0115	0.0036	0.0237	1.00 - 3.50
6-00105	60148	Sr-90	-0.0212 U	0.105	0.0266	0.485	1.00 - 3.50
6-00105	60148	Tc-99	-0.328 U	1.24	0.354	1.63	1.00 - 3.50
6-00105	60148	Th-228	1.34	0.109	0.131	3.98	1.00 - 3.50
6-00105	60148	Th-229	0.0216 U	0.067	0.0191	0.145	1.00 - 3.50
6-00105	60148	Th-230	0.834	0.0668	0.0927	2.2	1.00 - 3.50
6-00105	60148	Th-232	1.1	0.0528	0.11	3.1	1.00 - 3.50
6-00105	60148	Th-234	1.54	0.192	0.132	3.19	1.00 - 3.50
6-00105	60148	Tl-208	0.441	0.0109	0.0233	0.937	1.00 - 3.50
6-00105	60148	Tm-171	-1.76 UJ	8.49	2.87	72.4	1.00 - 3.50
6-00105	60148	U-233/234	0.892	0.0211	0.08	2.02	1.00 - 3.50
6-00105	60148	U-235/236	0.0461	0.0261	0.0141	0.151	1.00 - 3.50
6-00105	60148	U-238	0.963	0.0266	0.0851	1.8	1.00 - 3.50
6-00107	60150	Ac-227	0.0212 U	0.2	0.0591	0.217	1.00 - 2.50
6-00107	60150	Ac-228	1.27	0.11	0.063	2.4	1.00 - 2.50
6-00107	60150	Am-241	-0.0086 U	0.0258	0.0051	0.0454	1.00 - 2.50
6-00107	60150	Bi-212	0.77 J	0.15	0.0902	2.15	1.00 - 2.50
6-00107	60150	Bi-214	1.01	0.0335	0.0487	1.59	1.00 - 2.50
6-00107	60150	C-14	0.152 U	0.888	0.267	2.96	1.00 - 2.50
6-00107	60150	Cd-113m	-33.3 U	134	42.2	3030	1.00 - 2.50
6-00107	60150	Cm-243/244	0.0062 U	0.024	0.0067	0.0443	1.00 - 2.50
6-00107	60150	Co-60	0.0063 U	0.0203	0.006	0.028	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00107	60150	Cs-134	0.0054 U	0.0168	0.0057	0.0864	1.00 - 2.50
6-00107	60150	Cs-137	-0.0074 U	0.0189	0.0059	0.207	1.00 - 2.50
6-00107	60150	Eu-152	-0.0083 U	0.0502	0.0158	0.0566	1.00 - 2.50
6-00107	60150	Eu-154	-0.0175 U	0.11	0.0324	0.15	1.00 - 2.50
6-00107	60150	Eu-155	0.0882 JS	0.0725	0.0277	0.231	1.00 - 2.50
6-00107	60150	H-3	1.47 U	7.37	2.1	11.9	1.00 - 2.50
6-00107	60150	Ho-166m	-0.0109 U	0.0283	0.0089	0.0432	1.00 - 2.50
6-00107	60150	K-40	19.1	0.15	1.15	32.4	1.00 - 2.50
6-00107	60150	Na-22	-0.0103 U	0.0227	0.0073	0.037	1.00 - 2.50
6-00107	60150	Nb-94	0.0063 U	0.0174	0.0053	0.0214	1.00 - 2.50
6-00107	60150	Ni-59	-0.793 U	4.35	1.24	5.96	1.00 - 2.50
6-00107	60150	Ni-63	0.056 U	0.99	0.292	4.92	1.00 - 2.50
6-00107	60150	Np-236	-0.0051 U	0.0388	0.0119	0.047	1.00 - 2.50
6-00107	60150	Np-239	0.0032 U	0.137	0.0403	0.139	1.00 - 2.50
6-00107	60150	Pa-231	0.199 U	0.863	0.267	0.936	1.00 - 2.50
6-00107	60150	Pb-212	1.45	0.0365	0.0974	2.69	1.00 - 2.50
6-00107	60150	Pb-214	1.15	0.0357	0.0606	1.7	1.00 - 2.50
6-00107	60150	Pu-236	0.0109	0.0257	0.0078	7.79	1.00 - 2.50
6-00107	60150	Pu-238	-0.0066 U	0.0366	0.0079	0.0415	1.00 - 2.50
6-00107	60150	Pu-239/240	-0.0012 U	0.0211	0.0038	0.0404	1.00 - 2.50
6-00107	60150	Pu-244	-0.0019 U	0.017	0.0033	0.0313	1.00 - 2.50
6-00107	60150	Sb-125	-0.0275 U	0.0474	0.0162	0.354	1.00 - 2.50
6-00107	60150	Sn-126	0.0005 U	0.0185	0.0054	0.0237	1.00 - 2.50
6-00107	60150	Sr-90	0.0768 U	0.253	0.0746	0.485	1.00 - 2.50
6-00107	60150	Tc-99	-0.096 U	0.788	0.22	1.63	1.00 - 2.50
6-00107	60150	Th-228	1.31	0.0207	0.126	3.98	1.00 - 2.50
6-00107	60150	Th-229	0 U	0.084	0.0198	0.145	1.00 - 2.50
6-00107	60150	Th-230	1.29	0.0751	0.122	2.2	1.00 - 2.50
6-00107	60150	Th-232	1.41	0.0646	0.13	3.1	1.00 - 2.50
6-00107	60150	Th-234	2.03 J	0.315	0.207	3.19	1.00 - 2.50
6-00107	60150	Tl-208	0.443	0.0184	0.0267	0.937	1.00 - 2.50
6-00107	60150	Tm-171	0.993 U	16.8	5.58	72.4	1.00 - 2.50
6-00107	60150	U-233/234	1.06	0.0582	0.112	2.02	1.00 - 2.50
6-00107	60150	U-235/236	0.0737	0.0457	0.0249	0.151	1.00 - 2.50
6-00107	60150	U-238	1.18	0.0157	0.12	1.8	1.00 - 2.50
6-00108	60151	Ac-227	-0.0925 U	0.166	0.0564	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00108	60151	Ac-228	1.2	0.0855	0.0579	2.4	0.00 - 0.50
6-00108	60151	Am-241	0.008	0.0155	0.0052	0.0454	0.00 - 0.50
6-00108	60151	Bi-212	0.877	0.126	0.0757	2.15	0.00 - 0.50
6-00108	60151	Bi-214	0.85	0.0279	0.0416	1.59	0.00 - 0.50
6-00108	60151	C-14	0.203 U	0.846	0.255	2.96	0.00 - 0.50
6-00108	60151	Cd-113m	-66.3 U	111	38.3	3030	0.00 - 0.50
6-00108	60151	Cm-243/244	-0.0015 U	0.0268	0.0058	0.0443	0.00 - 0.50
6-00108	60151	Co-60	-0.0006 U	0.0168	0.005	0.028	0.00 - 0.50
6-00108	60151	Cs-134	0.0135 JS	0.015	0.0057	0.0864	0.00 - 0.50
6-00108	60151	Cs-137	0.0419	0.0169	0.0069	0.207	0.00 - 0.50
6-00108	60151	Eu-152	-0.0366 UJ	0.0408	0.0154	0.0566	0.00 - 0.50
6-00108	60151	Eu-154	-0.0622 UJ	0.0873	0.0307	0.15	0.00 - 0.50
6-00108	60151	Eu-155	0.0625 JS	0.061	0.0241	0.231	0.00 - 0.50
6-00108	60151	H-3	5.88	7.54	2.45	11.9	0.00 - 0.50
6-00108	60151	Ho-166m	-0.0033 UJ	0.0236	0.0072	0.0432	0.00 - 0.50
6-00108	60151	K-40	19.8	0.123	1.13	32.4	0.00 - 0.50
6-00108	60151	Na-22	-0.0025 U	0.0211	0.0064	0.037	0.00 - 0.50
6-00108	60151	Nb-94	0.0058 U	0.0146	0.0045	0.0214	0.00 - 0.50
6-00108	60151	Ni-59	0.482 U	4.65	1.24	5.96	0.00 - 0.50
6-00108	60151	Ni-63	0.108 U	1.23	0.366	4.92	0.00 - 0.50
6-00108	60151	Np-236	-0.0197 U	0.0315	0.0105	0.047	0.00 - 0.50
6-00108	60151	Np-239	0.0284 U	0.114	0.035	0.139	0.00 - 0.50
6-00108	60151	Pa-231	0.04 U	0.713	0.219	0.936	0.00 - 0.50
6-00108	60151	Pb-212	1.36	0.0318	0.0814	2.69	0.00 - 0.50
6-00108	60151	Pb-214	0.953	0.0305	0.0469	1.7	0.00 - 0.50
6-00108	60151	Pu-236	-0.0067 U	0.0282	0.0049	7.79	0.00 - 0.50
6-00108	60151	Pu-238	0.0027 U	0.0243	0.006	0.0415	0.00 - 0.50
6-00108	60151	Pu-239/240	-0.0087 U	0.0263	0.0046	0.0404	0.00 - 0.50
6-00108	60151	Pu-244	0.0024	0.0065	0.0024	0.0313	0.00 - 0.50
6-00108	60151	Sb-125	0.0106 U	0.0417	0.0123	0.354	0.00 - 0.50
6-00108	60151	Sn-126	-0.0001 U	0.0152	0.0046	0.0237	0.00 - 0.50
6-00108	60151	Sr-90	0.0017 U	0.137	0.0381	0.485	0.00 - 0.50
6-00108	60151	Tc-99	-0.361 U	1.08	0.311	1.63	0.00 - 0.50
6-00108	60151	Th-228	0.936	0.072	0.112	3.98	0.00 - 0.50
6-00108	60151	Th-229	0.0441	0.095	0.0294	0.145	0.00 - 0.50
6-00108	60151	Th-230	0.907	0.0948	0.107	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00108	60151	Th-232	1.11	0.0646	0.121	3.1	0.00 - 0.50
6-00108	60151	Th-234	1.37 J	0.259	0.141	3.19	0.00 - 0.50
6-00108	60151	Tl-208	0.405	0.0155	0.0237	0.937	0.00 - 0.50
6-00108	60151	Tm-171	-3.38 U	12.7	4.48	72.4	0.00 - 0.50
6-00108	60151	U-233/234	0.728	0.059	0.0858	2.02	0.00 - 0.50
6-00108	60151	U-235/236	0.0311	0.0463	0.0172	0.151	0.00 - 0.50
6-00108	60151	U-238	0.878	0.0375	0.0971	1.8	0.00 - 0.50
6-00108	60152	Ac-227	-0.0398 U	0.188	0.0581	0.217	1.00 - 2.50
6-00108	60152	Ac-228	1.22	0.0938	0.06	2.4	1.00 - 2.50
6-00108	60152	Am-241	-0.0045 UJ	0.0308	0.0061	0.0454	1.00 - 2.50
6-00108	60152	Bi-212	0.938	0.125	0.0769	2.15	1.00 - 2.50
6-00108	60152	Bi-214	0.914	0.0285	0.0433	1.59	1.00 - 2.50
6-00108	60152	C-14	-0.285 U	0.847	0.251	2.96	1.00 - 2.50
6-00108	60152	Cd-113m	-94.7 UJ	123	47.3	3030	1.00 - 2.50
6-00108	60152	Cm-243/244	0.0091 UJ	0.0482	0.0133	0.0443	1.00 - 2.50
6-00108	60152	Co-60	-0.0114 UJ	0.0155	0.0055	0.028	1.00 - 2.50
6-00108	60152	Cs-134	0.008 JS	0.0151	0.0053	0.0864	1.00 - 2.50
6-00108	60152	Cs-137	-0.0023 U	0.0166	0.0058	0.207	1.00 - 2.50
6-00108	60152	Eu-152	-0.0101 U	0.0453	0.0163	0.0566	1.00 - 2.50
6-00108	60152	Eu-154	-0.047 U	0.0906	0.0304	0.15	1.00 - 2.50
6-00108	60152	Eu-155	0.0433 JS	0.0701	0.023	0.231	1.00 - 2.50
6-00108	60152	H-3	1.78 U	7.17	2.07	11.9	1.00 - 2.50
6-00108	60152	Ho-166m	-0.0015 U	0.0254	0.0076	0.0432	1.00 - 2.50
6-00108	60152	K-40	19.6	0.115	1.14	32.4	1.00 - 2.50
6-00108	60152	Na-22	-0.0037 U	0.0196	0.0058	0.037	1.00 - 2.50
6-00108	60152	Nb-94	0.0019 U	0.0148	0.0044	0.0214	1.00 - 2.50
6-00108	60152	Ni-59	1.28 U	9.28	2.29	5.96	1.00 - 2.50
6-00108	60152	Ni-63	0.109 U	1.01	0.299	4.92	1.00 - 2.50
6-00108	60152	Np-236	-0.0043 U	0.036	0.0108	0.047	1.00 - 2.50
6-00108	60152	Np-239	-0.0639 U	0.124	0.0411	0.139	1.00 - 2.50
6-00108	60152	Pa-231	-0.289 U	0.766	0.246	0.936	1.00 - 2.50
6-00108	60152	Pb-212	1.41	0.0332	0.0854	2.69	1.00 - 2.50
6-00108	60152	Pb-214	0.993	0.0324	0.0482	1.7	1.00 - 2.50
6-00108	60152	Pu-236	-0.0111 U	0.0419	0.0088	7.79	1.00 - 2.50
6-00108	60152	Pu-238	-0.007 U	0.041	0.0093	0.0415	1.00 - 2.50
6-00108	60152	Pu-239/240	0.008	0.0072	0.0046	0.0404	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00108	60152	Pu-244	0.008	0.0072	0.0046	0.0313	1.00 - 2.50
6-00108	60152	Sb-125	-0.0069 U	0.0435	0.0129	0.354	1.00 - 2.50
6-00108	60152	Sn-126	-0.0031 U	0.0162	0.0049	0.0237	1.00 - 2.50
6-00108	60152	Sr-90	-0.0049 U	0.177	0.0485	0.485	1.00 - 2.50
6-00108	60152	Tc-99	0.111 U	0.772	0.224	1.63	1.00 - 2.50
6-00108	60152	Th-228	1.74	0.0559	0.153	3.98	1.00 - 2.50
6-00108	60152	Th-229	0.0348	0.0749	0.0231	0.145	1.00 - 2.50
6-00108	60152	Th-230	1.28	0.0644	0.12	2.2	1.00 - 2.50
6-00108	60152	Th-232	1.55	0.0187	0.137	3.1	1.00 - 2.50
6-00108	60152	Th-234	1.77 J	0.29	0.186	3.19	1.00 - 2.50
6-00108	60152	Tl-208	0.45	0.0159	0.0255	0.937	1.00 - 2.50
6-00108	60152	Tm-171	-5.52 U	14.2	4.97	72.4	1.00 - 2.50
6-00108	60152	U-233/234	1	0.0172	0.109	2.02	1.00 - 2.50
6-00108	60152	U-235/236	0.0313	0.0212	0.0158	0.151	1.00 - 2.50
6-00108	60152	U-238	1.04	0.0172	0.112	1.8	1.00 - 2.50
6-00109	60153	Ac-227	-0.0343 U	0.177	0.0545	0.217	0.00 - 0.50
6-00109	60153	Ac-228	1.16	0.0877	0.0568	2.4	0.00 - 0.50
6-00109	60153	Am-241	0.0223	0.0289	0.0102	0.0454	0.00 - 0.50
6-00109	60153	Bi-212	0.879	0.123	0.0755	2.15	0.00 - 0.50
6-00109	60153	Bi-214	0.813	0.0266	0.0393	1.59	0.00 - 0.50
6-00109	60153	C-14	0.177 U	0.858	0.258	2.96	0.00 - 0.50
6-00109	60153	Cd-113m	-39.9 U	118	42.7	3030	0.00 - 0.50
6-00109	60153	Cm-243/244	0.0015 U	0.0212	0.0047	0.0443	0.00 - 0.50
6-00109	60153	Co-60	0.0082 U	0.0171	0.0051	0.028	0.00 - 0.50
6-00109	60153	Cs-134	0.0012 U	0.0137	0.0046	0.0864	0.00 - 0.50
6-00109	60153	Cs-137	0.0563	0.0167	0.0084	0.207	0.00 - 0.50
6-00109	60153	Eu-152	0.0056 U	0.0439	0.0153	0.0566	0.00 - 0.50
6-00109	60153	Eu-154	0.005 U	0.0932	0.028	0.15	0.00 - 0.50
6-00109	60153	Eu-155	0.0612 JS	0.0658	0.0223	0.231	0.00 - 0.50
6-00109	60153	H-3	3.15 U	9.44	2.76	11.9	0.00 - 0.50
6-00109	60153	Ho-166m	0.0091 UJ	0.0242	0.0073	0.0432	0.00 - 0.50
6-00109	60153	K-40	19.9	0.115	1.16	32.4	0.00 - 0.50
6-00109	60153	Na-22	-0.0049 U	0.0188	0.0057	0.037	0.00 - 0.50
6-00109	60153	Nb-94	0.0094 JS	0.0141	0.0046	0.0214	0.00 - 0.50
6-00109	60153	Ni-59	-0.558 UJ	3.64	1.04	5.96	0.00 - 0.50
6-00109	60153	Ni-63	0.257 U	0.978	0.295	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00109	60153	Np-236	0.0041 U	0.0352	0.0108	0.047	0.00 - 0.50
6-00109	60153	Np-239	-0.0788 U	0.118	0.0408	0.139	0.00 - 0.50
6-00109	60153	Pa-231	0.182 U	0.732	0.225	0.936	0.00 - 0.50
6-00109	60153	Pb-212	1.3	0.0319	0.0788	2.69	0.00 - 0.50
6-00109	60153	Pb-214	0.902	0.0306	0.0439	1.7	0.00 - 0.50
6-00109	60153	Pu-236	0.0037 U	0.0413	0.0108	7.79	0.00 - 0.50
6-00109	60153	Pu-238	0.0099 U	0.031	0.0089	0.0415	0.00 - 0.50
6-00109	60153	Pu-239/240	0.0139	0.0197	0.0071	0.0404	0.00 - 0.50
6-00109	60153	Pu-244	0.0032 U	0.0159	0.004	0.0313	0.00 - 0.50
6-00109	60153	Sb-125	-0.0143 U	0.0412	0.0126	0.354	0.00 - 0.50
6-00109	60153	Sn-126	-0.0011 U	0.0151	0.0045	0.0237	0.00 - 0.50
6-00109	60153	Sr-90	0.0146 U	0.201	0.0564	0.485	0.00 - 0.50
6-00109	60153	Tc-99	-0.357 U	1.11	0.32	1.63	0.00 - 0.50
6-00109	60153	Th-228	1.31	0.113	0.131	3.98	0.00 - 0.50
6-00109	60153	Th-229	0.0072 U	0.109	0.028	0.145	0.00 - 0.50
6-00109	60153	Th-230	0.836	0.0776	0.0935	2.2	0.00 - 0.50
6-00109	60153	Th-232	0.956	0.0668	0.101	3.1	0.00 - 0.50
6-00109	60153	Th-234	1.1 J	0.275	0.138	3.19	0.00 - 0.50
6-00109	60153	Tl-208	0.385	0.0161	0.0225	0.937	0.00 - 0.50
6-00109	60153	Tm-171	-4.69 U	13.6	4.71	72.4	0.00 - 0.50
6-00109	60153	U-233/234	0.757	0.0708	0.0879	2.02	0.00 - 0.50
6-00109	60153	U-235/236	0.0656	0.045	0.0234	0.151	0.00 - 0.50
6-00109	60153	U-238	0.798	0.0451	0.09	1.8	0.00 - 0.50
6-00110	60155	Ac-227	0.0279 U	0.166	0.0505	0.217	0.00 - 0.50
6-00110	60155	Ac-228	1.11	0.0858	0.0552	2.4	0.00 - 0.50
6-00110	60155	Am-241	-0.0031 U	0.0241	0.0043	0.0454	0.00 - 0.50
6-00110	60155	Bi-212	0.69	0.124	0.0688	2.15	0.00 - 0.50
6-00110	60155	Bi-214	0.86	0.0262	0.0408	1.59	0.00 - 0.50
6-00110	60155	C-14	0.172 U	0.866	0.26	2.96	0.00 - 0.50
6-00110	60155	Cd-113m	21.1 U	113	35.5	3030	0.00 - 0.50
6-00110	60155	Cm-243/244	0.0069 U	0.0212	0.006	0.0443	0.00 - 0.50
6-00110	60155	Co-60	0.0057 U	0.0162	0.0048	0.028	0.00 - 0.50
6-00110	60155	Cs-134	0.0087 JS	0.0139	0.005	0.0864	0.00 - 0.50
6-00110	60155	Cs-137	0.0707	0.0142	0.0081	0.207	0.00 - 0.50
6-00110	60155	Eu-152	-0.0004 U	0.0407	0.0171	0.0566	0.00 - 0.50
6-00110	60155	Eu-154	-0.0408 U	0.0844	0.0272	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00110	60155	Eu-155	0.0687 JS	0.0583	0.0204	0.231	0.00 - 0.50
6-00110	60155	H-3	4.17 U	9.55	2.88	11.9	0.00 - 0.50
6-00110	60155	Ho-166m	0.003 UJ	0.0231	0.0069	0.0432	0.00 - 0.50
6-00110	60155	K-40	20.8	0.108	1.24	32.4	0.00 - 0.50
6-00110	60155	Na-22	0.003 U	0.0198	0.0068	0.037	0.00 - 0.50
6-00110	60155	Nb-94	0.0028 U	0.0137	0.0041	0.0214	0.00 - 0.50
6-00110	60155	Ni-59	0.441 U	4.47	1.19	5.96	0.00 - 0.50
6-00110	60155	Ni-63	0.391 U	0.986	0.301	4.92	0.00 - 0.50
6-00110	60155	Np-236	0.006 U	0.0314	0.0093	0.047	0.00 - 0.50
6-00110	60155	Np-239	0.0166 U	0.114	0.0343	0.139	0.00 - 0.50
6-00110	60155	Pa-231	-0.0723 U	0.699	0.214	0.936	0.00 - 0.50
6-00110	60155	Pb-212	1.29	0.0307	0.0791	2.69	0.00 - 0.50
6-00110	60155	Pb-214	0.955	0.0285	0.0471	1.7	0.00 - 0.50
6-00110	60155	Pu-236	-0.0017 U	0.0154	0.003	7.79	0.00 - 0.50
6-00110	60155	Pu-238	-0.0016 U	0.0144	0.0028	0.0415	0.00 - 0.50
6-00110	60155	Pu-239/240	0.0215	0.0178	0.0079	0.0404	0.00 - 0.50
6-00110	60155	Pu-244	0.009	0.0061	0.0045	0.0313	0.00 - 0.50
6-00110	60155	Sb-125	0.0108 U	0.0408	0.0121	0.354	0.00 - 0.50
6-00110	60155	Sn-126	-0.0039 U	0.0143	0.0044	0.0237	0.00 - 0.50
6-00110	60155	Sr-90	-0.0188 U	0.132	0.0344	0.485	0.00 - 0.50
6-00110	60155	Tc-99	-0.422 U	1.07	0.306	1.63	0.00 - 0.50
6-00110	60155	Th-228	1.28 J	0.0935	0.153	3.98	0.00 - 0.50
6-00110	60155	Th-229	0.114	0.0841	0.0402	0.145	0.00 - 0.50
6-00110	60155	Th-230	0.82	0.0309	0.11	2.2	0.00 - 0.50
6-00110	60155	Th-232	1.06	0.0836	0.13	3.1	0.00 - 0.50
6-00110	60155	Th-234	1.28	0.246	0.124	3.19	0.00 - 0.50
6-00110	60155	Tl-208	0.386	0.0149	0.0225	0.937	0.00 - 0.50
6-00110	60155	Tm-171	-3.63 U	10.5	3.8	72.4	0.00 - 0.50
6-00110	60155	U-233/234	1.03	0.053	0.106	2.02	0.00 - 0.50
6-00110	60155	U-235/236	0.0671	0.0416	0.0227	0.151	0.00 - 0.50
6-00110	60155	U-238	0.86	0.0478	0.0927	1.8	0.00 - 0.50
6-00111	60157	Ac-227	-0.0278 U	0.174	0.0518	0.217	0.00 - 0.50
6-00111	60157	Ac-228	1.12	0.0933	0.0544	2.4	0.00 - 0.50
6-00111	60157	Am-241	0.0012 U	0.0166	0.0037	0.0454	0.00 - 0.50
6-00111	60157	Bi-212	0.871 J	0.129	0.0891	2.15	0.00 - 0.50
6-00111	60157	Bi-214	0.827	0.0274	0.0405	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00111	60157	C-14	0.0031 U	0.664	0.198	2.96	0.00 - 0.50
6-00111	60157	Cd-113m	13.9 U	114	34.7	3030	0.00 - 0.50
6-00111	60157	Cm-243/244	0.0018 U	0.0192	0.0045	0.0443	0.00 - 0.50
6-00111	60157	Co-60	-0.0024 U	0.0176	0.0052	0.028	0.00 - 0.50
6-00111	60157	Cs-134	-0.002 U	0.0144	0.0049	0.0864	0.00 - 0.50
6-00111	60157	Cs-137	0.0242	0.0153	0.007	0.207	0.00 - 0.50
6-00111	60157	Eu-152	-0.0245 U	0.0412	0.0166	0.0566	0.00 - 0.50
6-00111	60157	Eu-154	-0.0193 U	0.0952	0.0282	0.15	0.00 - 0.50
6-00111	60157	Eu-155	0.0635 JS	0.0612	0.0231	0.231	0.00 - 0.50
6-00111	60157	H-3	0.221 U	7.17	1.9	11.9	0.00 - 0.50
6-00111	60157	Ho-166m	-0.0056 U	0.0246	0.0075	0.0432	0.00 - 0.50
6-00111	60157	K-40	21.1	0.116	1.14	32.4	0.00 - 0.50
6-00111	60157	Na-22	-0.002 U	0.0218	0.0064	0.037	0.00 - 0.50
6-00111	60157	Nb-94	0.0007 U	0.0148	0.0043	0.0214	0.00 - 0.50
6-00111	60157	Ni-59	-3.86 U	5.99	2.03	5.96	0.00 - 0.50
6-00111	60157	Ni-63	0.657 U	1.39	0.426	4.92	0.00 - 0.50
6-00111	60157	Np-236	-0.0114 U	0.0323	0.0103	0.047	0.00 - 0.50
6-00111	60157	Np-239	-0.0367 U	0.113	0.0346	0.139	0.00 - 0.50
6-00111	60157	Pa-231	0.388 J	0.731	0.238	0.936	0.00 - 0.50
6-00111	60157	Pb-212	1.31	0.0304	0.0757	2.69	0.00 - 0.50
6-00111	60157	Pb-214	0.909	0.031	0.045	1.7	0.00 - 0.50
6-00111	60157	Pu-236	0.0091 U	0.0397	0.0108	7.79	0.00 - 0.50
6-00111	60157	Pu-238	-0.0001 U	0.0392	0.0093	0.0415	0.00 - 0.50
6-00111	60157	Pu-239/240	0.0032	0.0085	0.0032	0.0404	0.00 - 0.50
6-00111	60157	Pu-244	0.0095	0.0085	0.0055	0.0313	0.00 - 0.50
6-00111	60157	Sb-125	-0.0075 U	0.0417	0.0128	0.354	0.00 - 0.50
6-00111	60157	Sn-126	0.0005 U	0.0164	0.0048	0.0237	0.00 - 0.50
6-00111	60157	Sr-90	0.0253 U	0.259	0.0711	0.485	0.00 - 0.50
6-00111	60157	Tc-99	0.255 U	1.42	0.423	1.63	0.00 - 0.50
6-00111	60157	Th-228	1.05	0.0571	0.11	3.98	0.00 - 0.50
6-00111	60157	Th-229	0.0139 U	0.0513	0.014	0.145	0.00 - 0.50
6-00111	60157	Th-230	0.875	0.0645	0.0944	2.2	0.00 - 0.50
6-00111	60157	Th-232	0.797	0.0643	0.0888	3.1	0.00 - 0.50
6-00111	60157	Th-234	1.18 J	0.26	0.124	3.19	0.00 - 0.50
6-00111	60157	Tl-208	0.414	0.0163	0.0246	0.937	0.00 - 0.50
6-00111	60157	Tm-171	-2.36 U	11.1	3.74	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00111	60157	U-233/234	0.685	0.0215	0.0907	2.02	0.00 - 0.50
6-00111	60157	U-235/236	0.0224	0.0625	0.0185	0.151	0.00 - 0.50
6-00111	60157	U-238	0.953	0.0215	0.114	1.8	0.00 - 0.50
6-00113	60160	Ac-227	0.0632 U	0.214	0.067	0.217	0.00 - 0.50
6-00113	60160	Ac-228	1.24	0.103	0.0612	2.4	0.00 - 0.50
6-00113	60160	Am-241	0.0044	0.012	0.0044	0.0454	0.00 - 0.50
6-00113	60160	Bi-212	0.839	0.144	0.0808	2.15	0.00 - 0.50
6-00113	60160	Bi-214	0.743	0.0313	0.0377	1.59	0.00 - 0.50
6-00113	60160	C-14	-0.0362 U	0.704	0.209	2.96	0.00 - 0.50
6-00113	60160	Cd-113m	-136 UJ	137	54.5	3030	0.00 - 0.50
6-00113	60160	Cm-243/244	0.0013 UJ	0.0285	0.0055	0.0443	0.00 - 0.50
6-00113	60160	Co-60	-0.0064 U	0.0196	0.0061	0.028	0.00 - 0.50
6-00113	60160	Cs-134	0.004 U	0.0165	0.0055	0.0864	0.00 - 0.50
6-00113	60160	Cs-137	0.0751	0.0193	0.0079	0.207	0.00 - 0.50
6-00113	60160	Eu-152	-0.0248 U	0.0502	0.0195	0.0566	0.00 - 0.50
6-00113	60160	Eu-154	-0.0621 U	0.102	0.035	0.15	0.00 - 0.50
6-00113	60160	Eu-155	0.0464 JS	0.0822	0.0265	0.231	0.00 - 0.50
6-00113	60160	H-3	5.6	7.27	2.39	11.9	0.00 - 0.50
6-00113	60160	Ho-166m	0.0073 U	0.0285	0.0084	0.0432	0.00 - 0.50
6-00113	60160	K-40	21.9	0.133	1.37	32.4	0.00 - 0.50
6-00113	60160	Na-22	0.0054 U	0.0251	0.0074	0.037	0.00 - 0.50
6-00113	60160	Nb-94	0.0015 U	0.0157	0.0046	0.0214	0.00 - 0.50
6-00113	60160	Ni-59	-1.28 U	3.87	1.12	5.96	0.00 - 0.50
6-00113	60160	Ni-63	0.0964 U	1.71	0.507	4.92	0.00 - 0.50
6-00113	60160	Np-236	0.0096 U	0.0417	0.0125	0.047	0.00 - 0.50
6-00113	60160	Np-239	0.0146 U	0.142	0.0436	0.139	0.00 - 0.50
6-00113	60160	Pa-231	-0.0602 U	0.865	0.279	0.936	0.00 - 0.50
6-00113	60160	Pb-212	1.45	0.0382	0.0962	2.69	0.00 - 0.50
6-00113	60160	Pb-214	0.807	0.0358	0.0435	1.7	0.00 - 0.50
6-00113	60160	Pu-236	0.0128	0.0311	0.0094	7.79	0.00 - 0.50
6-00113	60160	Pu-238	0.0119	0.0289	0.0087	0.0415	0.00 - 0.50
6-00113	60160	Pu-239/240	0.0045 U	0.0226	0.0058	0.0404	0.00 - 0.50
6-00113	60160	Pu-244	0	0.0078	0.0029	0.0313	0.00 - 0.50
6-00113	60160	Sb-125	0.0178 U	0.05	0.0153	0.354	0.00 - 0.50
6-00113	60160	Sn-126	0.0004 U	0.0182	0.0053	0.0237	0.00 - 0.50
6-00113	60160	Sr-90	0.209 U	0.347	0.109	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00113	60160	Tc-99	-0.427 U	1.59	0.462	1.63	0.00 - 0.50
6-00113	60160	Th-228	1.24	0.0977	0.126	3.98	0.00 - 0.50
6-00113	60160	Th-229	0.0365	0.0679	0.022	0.145	0.00 - 0.50
6-00113	60160	Th-230	0.802	0.0197	0.0899	2.2	0.00 - 0.50
6-00113	60160	Th-232	1.21	0.0535	0.118	3.1	0.00 - 0.50
6-00113	60160	Th-234	1.24 J	0.341	0.158	3.19	0.00 - 0.50
6-00113	60160	Tl-208	0.437	0.0187	0.0253	0.937	0.00 - 0.50
6-00113	60160	Tm-171	-1.76 U	21.6	7.15	72.4	0.00 - 0.50
6-00113	60160	U-233/234	0.865	0.0577	0.0992	2.02	0.00 - 0.50
6-00113	60160	U-235/236	0.0473	0.0214	0.0196	0.151	0.00 - 0.50
6-00113	60160	U-238	0.88	0.0173	0.0996	1.8	0.00 - 0.50
6-00113	60161	Ac-227	-0.039 U	0.17	0.0519	0.217	1.00 - 5.00
6-00113	60161	Ac-228	1.16	0.0845	0.0568	2.4	1.00 - 5.00
6-00113	60161	Am-241	0.0006 U	0.0138	0.0027	0.0454	1.00 - 5.00
6-00113	60161	Bi-212	0.75	0.118	0.0692	2.15	1.00 - 5.00
6-00113	60161	Bi-214	0.776	0.0265	0.0375	1.59	1.00 - 5.00
6-00113	60161	C-14	0.252 U	0.726	0.22	2.96	1.00 - 5.00
6-00113	60161	Cd-113m	25.5 U	113	35.1	3030	1.00 - 5.00
6-00113	60161	Cm-243/244	-0.0019 U	0.0218	0.0044	0.0443	1.00 - 5.00
6-00113	60161	Co-60	-0.0035 U	0.0152	0.0047	0.028	1.00 - 5.00
6-00113	60161	Cs-134	-0.003 U	0.0133	0.0045	0.0864	1.00 - 5.00
6-00113	60161	Cs-137	0.0074 J	0.015	0.0051	0.207	1.00 - 5.00
6-00113	60161	Eu-152	-0.0048 U	0.0399	0.0138	0.0566	1.00 - 5.00
6-00113	60161	Eu-154	-0.0019 U	0.0874	0.03	0.15	1.00 - 5.00
6-00113	60161	Eu-155	0.0834 JS	0.0615	0.0241	0.231	1.00 - 5.00
6-00113	60161	H-3	1.96 U	8.06	2.31	11.9	1.00 - 5.00
6-00113	60161	Ho-166m	-0.012 U	0.0229	0.0074	0.0432	1.00 - 5.00
6-00113	60161	K-40	21.6	0.114	1.24	32.4	1.00 - 5.00
6-00113	60161	Na-22	-0.0033 U	0.0182	0.0065	0.037	1.00 - 5.00
6-00113	60161	Nb-94	0.006 U	0.0137	0.0042	0.0214	1.00 - 5.00
6-00113	60161	Ni-59	0.283 UJ	3.62	0.964	5.96	1.00 - 5.00
6-00113	60161	Ni-63	0.598 U	1.33	0.407	4.92	1.00 - 5.00
6-00113	60161	Np-236	-0.0111 U	0.0329	0.01	0.047	1.00 - 5.00
6-00113	60161	Np-239	-0.0116 U	0.112	0.0335	0.139	1.00 - 5.00
6-00113	60161	Pa-231	-0.179 U	0.694	0.213	0.936	1.00 - 5.00
6-00113	60161	Pb-212	1.29	0.0293	0.0817	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00113	60161	Pb-214	0.86	0.0289	0.0438	1.7	1.00 - 5.00
6-00113	60161	Pu-236	-0.0123 U	0.0419	0.0084	7.79	1.00 - 5.00
6-00113	60161	Pu-238	-0.0106 U	0.0369	0.007	0.0415	1.00 - 5.00
6-00113	60161	Pu-239/240	-0.0041 U	0.0223	0.004	0.0404	1.00 - 5.00
6-00113	60161	Pu-244	0.0052 U	0.0255	0.0067	0.0313	1.00 - 5.00
6-00113	60161	Sb-125	0.0066 U	0.0395	0.0119	0.354	1.00 - 5.00
6-00113	60161	Sn-126	0.0017 U	0.0147	0.0043	0.0237	1.00 - 5.00
6-00113	60161	Sr-90	-0.0083 U	0.183	0.0471	0.485	1.00 - 5.00
6-00113	60161	Tc-99	0.0556 U	1.27	0.376	1.63	1.00 - 5.00
6-00113	60161	Th-228	1.13	0.114	0.115	3.98	1.00 - 5.00
6-00113	60161	Th-229	0.0068 U	0.118	0.031	0.145	1.00 - 5.00
6-00113	60161	Th-230	0.809	0.081	0.0893	2.2	1.00 - 5.00
6-00113	60161	Th-232	1.16	0.0495	0.111	3.1	1.00 - 5.00
6-00113	60161	Th-234	1.53	0.257	0.147	3.19	1.00 - 5.00
6-00113	60161	Tl-208	0.4	0.0146	0.0232	0.937	1.00 - 5.00
6-00113	60161	Tm-171	-6.72 U	10.9	4.15	72.4	1.00 - 5.00
6-00113	60161	U-233/234	1.06	0.0487	0.114	2.02	1.00 - 5.00
6-00113	60161	U-235/236	0.061	0.0207	0.022	0.151	1.00 - 5.00
6-00113	60161	U-238	1.09	0.0167	0.115	1.8	1.00 - 5.00
6-00114	60162	Ac-227	0.0238 U	0.158	0.0467	0.217	1.00 - 5.00
6-00114	60162	Ac-228	1.36	0.0789	0.0647	2.4	1.00 - 5.00
6-00114	60162	Am-241	-0.0015 U	0.0257	0.0051	0.0454	1.00 - 5.00
6-00114	60162	Bi-212	0.953	0.104	0.0762	2.15	1.00 - 5.00
6-00114	60162	Bi-214	0.948	0.0235	0.0432	1.59	1.00 - 5.00
6-00114	60162	C-14	0.0495 U	0.646	0.193	2.96	1.00 - 5.00
6-00114	60162	Cd-113m	-32.4 U	105	35.1	3030	1.00 - 5.00
6-00114	60162	Cm-243/244	-0.0029 U	0.0192	0.0035	0.0443	1.00 - 5.00
6-00114	60162	Co-60	0.0022 U	0.0143	0.0042	0.028	1.00 - 5.00
6-00114	60162	Cs-134	0.011 SJ	0.0123	0.0049	0.0864	1.00 - 5.00
6-00114	60162	Cs-137	-0.0053 U	0.0135	0.005	0.207	1.00 - 5.00
6-00114	60162	Eu-152	-0.0109 UJ	0.0385	0.0201	0.0566	1.00 - 5.00
6-00114	60162	Eu-154	-0.0633 UJ	0.0774	0.028	0.15	1.00 - 5.00
6-00114	60162	Eu-155	0.0498 SJ	0.0567	0.0186	0.231	1.00 - 5.00
6-00114	60162	H-3	-0.564 U	7.52	2.01	11.9	1.00 - 5.00
6-00114	60162	Ho-166m	0.0003 U	0.0215	0.0065	0.0432	1.00 - 5.00
6-00114	60162	K-40	24.3	0.103	1.48	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00114	60162	Na-22	-0.0199 UJ	0.0162	0.007	0.037	1.00 - 5.00
6-00114	60162	Nb-94	-0.0039 U	0.0121	0.0039	0.0214	1.00 - 5.00
6-00114	60162	Ni-59	-1 U	4.17	1.22	5.96	1.00 - 5.00
6-00114	60162	Ni-63	-0.548 U	1.17	0.341	4.92	1.00 - 5.00
6-00114	60162	Np-236	-0.0228 U	0.0302	0.0115	0.047	1.00 - 5.00
6-00114	60162	Np-239	-0.0247 U	0.106	0.032	0.139	1.00 - 5.00
6-00114	60162	Pa-231	-0.0922 U	0.656	0.207	0.936	1.00 - 5.00
6-00114	60162	Pb-212	1.56	0.0277	0.095	2.69	1.00 - 5.00
6-00114	60162	Pb-214	1.04	0.0264	0.0495	1.7	1.00 - 5.00
6-00114	60162	Pu-236	-0.0019 U	0.0151	0.0029	7.79	1.00 - 5.00
6-00114	60162	Pu-238	-0.0089 U	0.0252	0.0045	0.0415	1.00 - 5.00
6-00114	60162	Pu-239/240	-0.0046 U	0.0251	0.005	0.0404	1.00 - 5.00
6-00114	60162	Pu-244	0.0128	0.0058	0.0053	0.0313	1.00 - 5.00
6-00114	60162	Sb-125	0.0008 U	0.036	0.0107	0.354	1.00 - 5.00
6-00114	60162	Sn-126	-0.0044 U	0.0135	0.0043	0.0237	1.00 - 5.00
6-00114	60162	Sr-90	0.0052 U	0.141	0.0375	0.485	1.00 - 5.00
6-00114	60162	Tc-99	0.325 U	1.3	0.39	1.63	1.00 - 5.00
6-00114	60162	Th-228	1.13	0.0768	0.112	3.98	1.00 - 5.00
6-00114	60162	Th-229	-0.0331 U	0.105	0.0219	0.145	1.00 - 5.00
6-00114	60162	Th-230	0.719	0.0711	0.0821	2.2	1.00 - 5.00
6-00114	60162	Th-232	0.835	0.0484	0.089	3.1	1.00 - 5.00
6-00114	60162	Th-234	1.75	0.238	0.153	3.19	1.00 - 5.00
6-00114	60162	Tl-208	0.467	0.0136	0.0259	0.937	1.00 - 5.00
6-00114	60162	Tm-171	12.7 J	10.4	4.35	72.4	1.00 - 5.00
6-00114	60162	U-233/234	1.05	0.0339	0.108	2.02	1.00 - 5.00
6-00114	60162	U-235/236	0.0921	0.0178	0.0255	0.151	1.00 - 5.00
6-00114	60162	U-238	0.986	0.0339	0.102	1.8	1.00 - 5.00
6-00116	60164	Ac-227	-0.0164 U	0.174	0.0514	0.217	1.00 - 3.50
6-00116	60164	Ac-228	1.16	0.0959	0.058	2.4	1.00 - 3.50
6-00116	60164	Am-241	0.0077	0.0104	0.0055	0.0454	1.00 - 3.50
6-00116	60164	Bi-212	0.802 J	0.132	0.0813	2.15	1.00 - 3.50
6-00116	60164	Bi-214	0.9	0.0277	0.044	1.59	1.00 - 3.50
6-00116	60164	C-14	0.0187 U	0.666	0.198	2.96	1.00 - 3.50
6-00116	60164	Cd-113m	-40.2 U	115	35.5	3030	1.00 - 3.50
6-00116	60164	Cm-243/244	-0.0001 U	0.0327	0.0067	0.0443	1.00 - 3.50
6-00116	60164	Co-60	0.0011 U	0.018	0.0053	0.028	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00116	60164	Cs-134	0.0008 UJ	0.0147	0.005	0.0864	1.00 - 3.50
6-00116	60164	Cs-137	-0.0076 U	0.0161	0.0052	0.207	1.00 - 3.50
6-00116	60164	Eu-152	0.0045 U	0.0417	0.0168	0.0566	1.00 - 3.50
6-00116	60164	Eu-154	-0.0554 U	0.0948	0.0314	0.15	1.00 - 3.50
6-00116	60164	Eu-155	0.07 JS	0.0627	0.0243	0.231	1.00 - 3.50
6-00116	60164	H-3	2.81 U	8.6	2.54	11.9	1.00 - 3.50
6-00116	60164	Ho-166m	-0.0088 UJ	0.0245	0.0077	0.0432	1.00 - 3.50
6-00116	60164	K-40	20.1	0.118	1.24	32.4	1.00 - 3.50
6-00116	60164	Na-22	-0.0128 U	0.0205	0.007	0.037	1.00 - 3.50
6-00116	60164	Nb-94	0.0015 U	0.0147	0.0043	0.0214	1.00 - 3.50
6-00116	60164	Ni-59	-0.178 U	2.81	0.784	5.96	1.00 - 3.50
6-00116	60164	Ni-63	0.815	1.57	0.484	4.92	1.00 - 3.50
6-00116	60164	Np-236	-0.0079 U	0.0331	0.0102	0.047	1.00 - 3.50
6-00116	60164	Np-239	-0.0237 U	0.114	0.0339	0.139	1.00 - 3.50
6-00116	60164	Pa-231	-0.0155 U	0.717	0.212	0.936	1.00 - 3.50
6-00116	60164	Pb-212	1.33	0.0315	0.0807	2.69	1.00 - 3.50
6-00116	60164	Pb-214	0.985	0.0299	0.0493	1.7	1.00 - 3.50
6-00116	60164	Pu-236	-0.0068 U	0.0285	0.005	7.79	1.00 - 3.50
6-00116	60164	Pu-238	0.0024	0.0066	0.0024	0.0415	1.00 - 3.50
6-00116	60164	Pu-239/240	0.0146	0.0066	0.006	0.0404	1.00 - 3.50
6-00116	60164	Pu-244	0.0056	0.0155	0.0046	0.0313	1.00 - 3.50
6-00116	60164	Sb-125	0.0264 JS	0.0434	0.0142	0.354	1.00 - 3.50
6-00116	60164	Sn-126	-0.0034 U	0.0158	0.0048	0.0237	1.00 - 3.50
6-00116	60164	Sr-90	-0.0989 U	0.292	0.072	0.485	1.00 - 3.50
6-00116	60164	Tc-99	-0.249 U	0.822	0.242	1.63	1.00 - 3.50
6-00116	60164	Th-228	1.51	0.0637	0.146	3.98	1.00 - 3.50
6-00116	60164	Th-229	0.0386	0.0569	0.0206	0.145	1.00 - 3.50
6-00116	60164	Th-230	1.05	0.0568	0.11	2.2	1.00 - 3.50
6-00116	60164	Th-232	1.19	0.0208	0.119	3.1	1.00 - 3.50
6-00116	60164	Th-234	1.49 J	0.257	0.162	3.19	1.00 - 3.50
6-00116	60164	Tl-208	0.405	0.0159	0.0247	0.937	1.00 - 3.50
6-00116	60164	Tm-171	-6.28 U	13.8	4.82	72.4	1.00 - 3.50
6-00116	60164	U-233/234	0.856	0.035	0.0933	2.02	1.00 - 3.50
6-00116	60164	U-235/236	0.0408	0.0184	0.0169	0.151	1.00 - 3.50
6-00116	60164	U-238	0.918	0.0149	0.0979	1.8	1.00 - 3.50
6-00117	60165	Ac-227	-0.0326 U	0.129	0.0391	0.217	1.00 - 2.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00117	60165	Ac-228	1.2	0.0706	0.0544	2.4	1.00 - 2.80
6-00117	60165	Am-241	0.0045	0.0126	0.0037	0.0454	1.00 - 2.80
6-00117	60165	Bi-212	0.906	0.0979	0.0632	2.15	1.00 - 2.80
6-00117	60165	Bi-214	1.01	0.0205	0.0447	1.59	1.00 - 2.80
6-00117	60165	C-14	-0.162 U	0.661	0.195	2.96	1.00 - 2.80
6-00117	60165	Cd-113m	-2.57 U	86.8	26.6	3030	1.00 - 2.80
6-00117	60165	Cm-243/244	-0.0009 U	0.0157	0.0029	0.0443	1.00 - 2.80
6-00117	60165	Co-60	-0.0041 UJ	0.0126	0.0039	0.028	1.00 - 2.80
6-00117	60165	Cs-134	-0.0033 U	0.0106	0.0037	0.0864	1.00 - 2.80
6-00117	60165	Cs-137	0 UJ	0.012	0.0041	0.207	1.00 - 2.80
6-00117	60165	Eu-152	-0.0008 U	0.0318	0.0109	0.0566	1.00 - 2.80
6-00117	60165	Eu-154	0.0071 U	0.0712	0.0239	0.15	1.00 - 2.80
6-00117	60165	Eu-155	0.101 JS	0.045	0.0196	0.231	1.00 - 2.80
6-00117	60165	H-3	-0.839 U	6.45	1.73	11.9	1.00 - 2.80
6-00117	60165	Ho-166m	-0.0004 U	0.0189	0.0056	0.0432	1.00 - 2.80
6-00117	60165	K-40	23.3	0.098	1.24	32.4	1.00 - 2.80
6-00117	60165	Na-22	-0.0066 U	0.0158	0.005	0.037	1.00 - 2.80
6-00117	60165	Nb-94	0.0075 JS	0.011	0.0046	0.0214	1.00 - 2.80
6-00117	60165	Ni-59	-1.78 U	5.33	1.56	5.96	1.00 - 2.80
6-00117	60165	Ni-63	-0.437 U	1.28	0.381	4.92	1.00 - 2.80
6-00117	60165	Np-236	-0.008 U	0.0245	0.0078	0.047	1.00 - 2.80
6-00117	60165	Np-239	0.0276 U	0.0864	0.0261	0.139	1.00 - 2.80
6-00117	60165	Pa-231	0.091 U	0.542	0.162	0.936	1.00 - 2.80
6-00117	60165	Pb-212	1.38	0.0224	0.0782	2.69	1.00 - 2.80
6-00117	60165	Pb-214	1.07	0.0229	0.0492	1.7	1.00 - 2.80
6-00117	60165	Pu-236	-0.001 U	0.0177	0.0032	7.79	1.00 - 2.80
6-00117	60165	Pu-238	-0.0015 U	0.0136	0.0026	0.0415	1.00 - 2.80
6-00117	60165	Pu-239/240	-0.004 U	0.0214	0.0037	0.0404	1.00 - 2.80
6-00117	60165	Pu-244	0.0006 U	0.0136	0.0026	0.0313	1.00 - 2.80
6-00117	60165	Sb-125	0.0038 U	0.0314	0.0096	0.354	1.00 - 2.80
6-00117	60165	Sn-126	0.0032 U	0.0125	0.0037	0.0237	1.00 - 2.80
6-00117	60165	Sr-90	0.0899 U	0.172	0.0538	0.485	1.00 - 2.80
6-00117	60165	Tc-99	-0.432 U	1.15	0.334	1.63	1.00 - 2.80
6-00117	60165	Th-228	1.46	0.0693	0.135	3.98	1.00 - 2.80
6-00117	60165	Th-229	-0.0208 U	0.0909	0.0184	0.145	1.00 - 2.80
6-00117	60165	Th-230	0.899	0.0643	0.0956	2.2	1.00 - 2.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00117	60165	Th-232	1.05	0.0508	0.105	3.1	1.00 - 2.80
6-00117	60165	Th-234	1.33	0.188	0.109	3.19	1.00 - 2.80
6-00117	60165	Tl-208	0.439	0.012	0.0237	0.937	1.00 - 2.80
6-00117	60165	Tm-171	-1.3 U	8.08	2.72	72.4	1.00 - 2.80
6-00117	60165	U-233/234	0.813	0.0434	0.0789	2.02	1.00 - 2.80
6-00117	60165	U-235/236	0.0964	0.0276	0.0221	0.151	1.00 - 2.80
6-00117	60165	U-238	0.886	0.0351	0.084	1.8	1.00 - 2.80
6-00118	60166	Ac-227	-0.0304 U	0.202	0.0628	0.217	1.00 - 5.00
6-00118	60166	Ac-228	1.28	0.126	0.0634	2.4	1.00 - 5.00
6-00118	60166	Am-241	0.0108	0.0059	0.0049	0.0454	1.00 - 5.00
6-00118	60166	Bi-212	1.02 J	0.186	0.103	2.15	1.00 - 5.00
6-00118	60166	Bi-214	0.991	0.0388	0.0507	1.59	1.00 - 5.00
6-00118	60166	C-14	-0.21 U	0.678	0.199	2.96	1.00 - 5.00
6-00118	60166	Cd-113m	-7.93 U	138	42.6	3030	1.00 - 5.00
6-00118	60166	Cm-243/244	-0.0047 U	0.0198	0.0035	0.0443	1.00 - 5.00
6-00118	60166	Co-60	-0.0033 U	0.0241	0.007	0.028	1.00 - 5.00
6-00118	60166	Cs-134	-0.0127 U	0.0199	0.0078	0.0864	1.00 - 5.00
6-00118	60166	Cs-137	0.0093 U	0.0239	0.0083	0.207	1.00 - 5.00
6-00118	60166	Eu-152	-0.021 U	0.0527	0.0176	0.0566	1.00 - 5.00
6-00118	60166	Eu-154	-0.0502 U	0.137	0.043	0.15	1.00 - 5.00
6-00118	60166	Eu-155	0.0601 JS	0.0628	0.0229	0.231	1.00 - 5.00
6-00118	60166	H-3	-0.537 U	7.57	2.05	11.9	1.00 - 5.00
6-00118	60166	Ho-166m	-0.0226 UJ	0.0327	0.0112	0.0432	1.00 - 5.00
6-00118	60166	K-40	20.2	0.191	1.12	32.4	1.00 - 5.00
6-00118	60166	Na-22	-0.0016 U	0.0305	0.0088	0.037	1.00 - 5.00
6-00118	60166	Nb-94	0.0042 U	0.0211	0.0061	0.0214	1.00 - 5.00
6-00118	60166	Ni-59	1.52 U	5.14	1.24	5.96	1.00 - 5.00
6-00118	60166	Ni-63	-0.0435 U	1.23	0.366	4.92	1.00 - 5.00
6-00118	60166	Np-236	-0.0063 U	0.033	0.0099	0.047	1.00 - 5.00
6-00118	60166	Np-239	0.0463 U	0.135	0.0422	0.139	1.00 - 5.00
6-00118	60166	Pa-231	-0.48 U	0.838	0.289	0.936	1.00 - 5.00
6-00118	60166	Pb-212	1.51	0.0367	0.0855	2.69	1.00 - 5.00
6-00118	60166	Pb-214	1.07	0.0383	0.0504	1.7	1.00 - 5.00
6-00118	60166	Pu-236	-0.0057 U	0.0303	0.0053	7.79	1.00 - 5.00
6-00118	60166	Pu-238	0.0008 U	0.0179	0.0035	0.0415	1.00 - 5.00
6-00118	60166	Pu-239/240	0.0084	0.0076	0.0049	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00118	60166	Pu-244	0.0036 U	0.0179	0.0045	0.0313	1.00 - 5.00
6-00118	60166	Sb-125	-0.0102 U	0.0552	0.0166	0.354	1.00 - 5.00
6-00118	60166	Sn-126	0.0072 U	0.023	0.0067	0.0237	1.00 - 5.00
6-00118	60166	Sr-90	-0.21 U	0.437	0.108	0.485	1.00 - 5.00
6-00118	60166	Tc-99	0.141 U	1.35	0.4	1.63	1.00 - 5.00
6-00118	60166	Th-228	1.05	0.0219	0.111	3.98	1.00 - 5.00
6-00118	60166	Th-229	0.0287	0.0195	0.0145	0.145	1.00 - 5.00
6-00118	60166	Th-230	0.746	0.0194	0.0855	2.2	1.00 - 5.00
6-00118	60166	Th-232	1.14	0.0664	0.114	3.1	1.00 - 5.00
6-00118	60166	Th-234	1.39	0.233	0.134	3.19	1.00 - 5.00
6-00118	60166	Tl-208	0.493	0.0234	0.0298	0.937	1.00 - 5.00
6-00118	60166	Tm-171	-2.85 U	7.94	2.65	72.4	1.00 - 5.00
6-00118	60166	U-233/234	0.687	0.0478	0.0791	2.02	1.00 - 5.00
6-00118	60166	U-235/236	0.0783	0.0177	0.0233	0.151	1.00 - 5.00
6-00118	60166	U-238	0.86	0.0143	0.0922	1.8	1.00 - 5.00
6-00119	60167	Ac-227	-0.0241 U	0.179	0.0538	0.217	1.00 - 2.50
6-00119	60167	Ac-228	1.01	0.0911	0.05	2.4	1.00 - 2.50
6-00119	60167	Am-241	0.0061 UJ	0.0374	0.0094	0.0454	1.00 - 2.50
6-00119	60167	Bi-212	0.679 J	0.125	0.0691	2.15	1.00 - 2.50
6-00119	60167	Bi-214	0.888	0.0271	0.0425	1.59	1.00 - 2.50
6-00119	60167	C-14	0.0735 U	0.655	0.196	2.96	1.00 - 2.50
6-00119	60167	Cd-113m	24.7 U	121	36.1	3030	1.00 - 2.50
6-00119	60167	Cm-243/244	-0.0021 UJ	0.0231	0.0047	0.0443	1.00 - 2.50
6-00119	60167	Co-60	0.0003 U	0.0175	0.005	0.028	1.00 - 2.50
6-00119	60167	Cs-134	0.0009 UJ	0.0142	0.0049	0.0864	1.00 - 2.50
6-00119	60167	Cs-137	-0.0089 U	0.0153	0.0052	0.207	1.00 - 2.50
6-00119	60167	Eu-152	-0.0055 U	0.0439	0.0145	0.0566	1.00 - 2.50
6-00119	60167	Eu-154	-0.0141 U	0.0963	0.0287	0.15	1.00 - 2.50
6-00119	60167	Eu-155	0.0509 JS	0.0645	0.0245	0.231	1.00 - 2.50
6-00119	60167	H-3	-2.2 U	9.13	2.36	11.9	1.00 - 2.50
6-00119	60167	Ho-166m	-0.0071 UJ	0.0244	0.0076	0.0432	1.00 - 2.50
6-00119	60167	K-40	21.4	0.116	1.35	32.4	1.00 - 2.50
6-00119	60167	Na-22	-0.0005 U	0.0214	0.0075	0.037	1.00 - 2.50
6-00119	60167	Nb-94	0.0015 U	0.0139	0.0042	0.0214	1.00 - 2.50
6-00119	60167	Ni-59	-1.07 U	6.63	1.84	5.96	1.00 - 2.50
6-00119	60167	Ni-63	0.597 U	1.43	0.438	4.92	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00119	60167	Np-236	0.0076 U	0.0347	0.0107	0.047	1.00 - 2.50
6-00119	60167	Np-239	-0.0483 U	0.117	0.0369	0.139	1.00 - 2.50
6-00119	60167	Pa-231	-0.0849 U	0.732	0.238	0.936	1.00 - 2.50
6-00119	60167	Pb-212	1.23	0.033	0.0754	2.69	1.00 - 2.50
6-00119	60167	Pb-214	1.01	0.0314	0.0481	1.7	1.00 - 2.50
6-00119	60167	Pu-236	-0.0014 U	0.0126	0.0024	7.79	1.00 - 2.50
6-00119	60167	Pu-238	0.0018	0.005	0.0019	0.0415	1.00 - 2.50
6-00119	60167	Pu-239/240	0.0079	0.0117	0.0043	0.0404	1.00 - 2.50
6-00119	60167	Pu-244	0.0037	0.005	0.0026	0.0313	1.00 - 2.50
6-00119	60167	Sb-125	0.0061 U	0.0426	0.0124	0.354	1.00 - 2.50
6-00119	60167	Sn-126	-0.0021 U	0.0152	0.0046	0.0237	1.00 - 2.50
6-00119	60167	Sr-90	0.0561 U	0.265	0.0754	0.485	1.00 - 2.50
6-00119	60167	Tc-99	0.138 U	0.725	0.218	1.63	1.00 - 2.50
6-00119	60167	Th-228	1.35	0.0992	0.134	3.98	1.00 - 2.50
6-00119	60167	Th-229	0.0221	0.0542	0.0165	0.145	1.00 - 2.50
6-00119	60167	Th-230	1.09	0.0541	0.111	2.2	1.00 - 2.50
6-00119	60167	Th-232	1.14	0.0199	0.114	3.1	1.00 - 2.50
6-00119	60167	Th-234	1.25 J	0.278	0.146	3.19	1.00 - 2.50
6-00119	60167	Tl-208	0.342	0.0164	0.0209	0.937	1.00 - 2.50
6-00119	60167	Tm-171	-1.31 U	14.9	4.98	72.4	1.00 - 2.50
6-00119	60167	U-233/234	0.895	0.0438	0.097	2.02	1.00 - 2.50
6-00119	60167	U-235/236	0.0206	0.0186	0.012	0.151	1.00 - 2.50
6-00119	60167	U-238	0.972	0.015	0.103	1.8	1.00 - 2.50
6-00121	60169	Ac-227	-0.0649 UJ	0.168	0.0522	0.217	1.00 - 2.50
6-00121	60169	Ac-228	1.1	0.0881	0.0537	2.4	1.00 - 2.50
6-00121	60169	Am-241	0.0009 UJ	0.0204	0.004	0.0454	1.00 - 2.50
6-00121	60169	Bi-212	0.731 J	0.127	0.0769	2.15	1.00 - 2.50
6-00121	60169	Bi-214	0.837	0.0275	0.0405	1.59	1.00 - 2.50
6-00121	60169	C-14	0.249 U	0.876	0.265	2.96	1.00 - 2.50
6-00121	60169	Cd-113m	-10.2 U	113	34.5	3030	1.00 - 2.50
6-00121	60169	Cm-243/244	-0.0028 UJ	0.0324	0.0065	0.0443	1.00 - 2.50
6-00121	60169	Co-60	-0.0041 U	0.0174	0.0053	0.028	1.00 - 2.50
6-00121	60169	Cs-134	-0.001 U	0.0141	0.0048	0.0864	1.00 - 2.50
6-00121	60169	Cs-137	0.0014 U	0.016	0.0054	0.207	1.00 - 2.50
6-00121	60169	Eu-152	-0.0229 U	0.042	0.0149	0.0566	1.00 - 2.50
6-00121	60169	Eu-154	-0.0853 UJ	0.0928	0.035	0.15	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00121	60169	Eu-155	0.0397 SJ	0.0621	0.0206	0.231	1.00 - 2.50
6-00121	60169	H-3	1.23 U	7.39	2.09	11.9	1.00 - 2.50
6-00121	60169	Ho-166m	-0.0036 U	0.0246	0.0074	0.0432	1.00 - 2.50
6-00121	60169	K-40	19.4	0.119	1.19	32.4	1.00 - 2.50
6-00121	60169	Na-22	-0.0182 UJ	0.0199	0.0076	0.037	1.00 - 2.50
6-00121	60169	Nb-94	0.0078 SJ	0.0148	0.0046	0.0214	1.00 - 2.50
6-00121	60169	Ni-59	-2.12 U	3.76	1.26	5.96	1.00 - 2.50
6-00121	60169	Ni-63	-0.0336 U	0.741	0.217	4.92	1.00 - 2.50
6-00121	60169	Np-236	0.0043 U	0.033	0.01	0.047	1.00 - 2.50
6-00121	60169	Np-239	-0.0142 U	0.114	0.0335	0.139	1.00 - 2.50
6-00121	60169	Pa-231	0.0466 U	0.702	0.207	0.936	1.00 - 2.50
6-00121	60169	Pb-212	1.22	0.0306	0.0729	2.69	1.00 - 2.50
6-00121	60169	Pb-214	0.889	0.0302	0.0438	1.7	1.00 - 2.50
6-00121	60169	Pu-236	-0.0081 UJ	0.0642	0.0151	7.79	1.00 - 2.50
6-00121	60169	Pu-238	0.0076 UJ	0.0537	0.0143	0.0415	1.00 - 2.50
6-00121	60169	Pu-239/240	-0.0152 UJ	0.0457	0.0085	0.0404	1.00 - 2.50
6-00121	60169	Pu-244	-0.0038 UJ	0.028	0.0054	0.0313	1.00 - 2.50
6-00121	60169	Sb-125	-0.0098 U	0.0412	0.0128	0.354	1.00 - 2.50
6-00121	60169	Sn-126	-0.0048 U	0.0159	0.0049	0.0237	1.00 - 2.50
6-00121	60169	Sr-90	0.0572 U	0.233	0.0678	0.485	1.00 - 2.50
6-00121	60169	Tc-99	-0.681 U	1.24	0.362	1.63	1.00 - 2.50
6-00121	60169	Th-228	1.21	0.0814	0.127	3.98	1.00 - 2.50
6-00121	60169	Th-229	0.0324	0.0753	0.023	0.145	1.00 - 2.50
6-00121	60169	Th-230	1.03	0.0219	0.11	2.2	1.00 - 2.50
6-00121	60169	Th-232	1.19	0.0219	0.121	3.1	1.00 - 2.50
6-00121	60169	Th-234	1.48 J	0.258	0.157	3.19	1.00 - 2.50
6-00121	60169	Tl-208	0.382	0.0167	0.0228	0.937	1.00 - 2.50
6-00121	60169	Tm-171	-0.68 U	13.6	4.45	72.4	1.00 - 2.50
6-00121	60169	U-233/234	1.1	0.0415	0.104	2.02	1.00 - 2.50
6-00121	60169	U-235/236	0.0731	0.0326	0.0208	0.151	1.00 - 2.50
6-00121	60169	U-238	1.09	0.0483	0.103	1.8	1.00 - 2.50
6-00123	60171	Ac-227	-0.0159 UJ	0.202	0.0625	0.217	1.00 - 5.00
6-00123	60171	Ac-228	1.16	0.105	0.0587	2.4	1.00 - 5.00
6-00123	60171	Am-241	0.004	0.0055	0.0029	0.0454	1.00 - 5.00
6-00123	60171	Bi-212	0.839	0.141	0.0759	2.15	1.00 - 5.00
6-00123	60171	Bi-214	0.837	0.0306	0.0412	1.59	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00123	60171	C-14	-0.0118 U	0.895	0.268	2.96	1.00 - 5.00
6-00123	60171	Cd-113m	-116 UJ	130	49.9	3030	1.00 - 5.00
6-00123	60171	Cm-243/244	0.0002 U	0.0204	0.0046	0.0443	1.00 - 5.00
6-00123	60171	Co-60	-0.005 U	0.0186	0.0057	0.028	1.00 - 5.00
6-00123	60171	Cs-134	0.0023 U	0.0155	0.0052	0.0864	1.00 - 5.00
6-00123	60171	Cs-137	0.021	0.0193	0.0083	0.207	1.00 - 5.00
6-00123	60171	Eu-152	-0.0215 U	0.0492	0.0224	0.0566	1.00 - 5.00
6-00123	60171	Eu-154	-0.0253 U	0.106	0.0327	0.15	1.00 - 5.00
6-00123	60171	Eu-155	0.0516 SJ	0.0785	0.026	0.231	1.00 - 5.00
6-00123	60171	H-3	2.77 U	7.59	2.25	11.9	1.00 - 5.00
6-00123	60171	Ho-166m	0.0044 U	0.028	0.0082	0.0432	1.00 - 5.00
6-00123	60171	K-40	20.2	0.128	1.26	32.4	1.00 - 5.00
6-00123	60171	Na-22	-0.0019 U	0.0229	0.0068	0.037	1.00 - 5.00
6-00123	60171	Nb-94	0.0094 SJ	0.0158	0.005	0.0214	1.00 - 5.00
6-00123	60171	Ni-59	-1.04 U	4.88	1.41	5.96	1.00 - 5.00
6-00123	60171	Ni-63	0.129 U	1.2	0.354	4.92	1.00 - 5.00
6-00123	60171	Np-236	0.0146 U	0.0406	0.0125	0.047	1.00 - 5.00
6-00123	60171	Np-239	0.0584 U	0.137	0.0436	0.139	1.00 - 5.00
6-00123	60171	Pa-231	0.035 U	0.836	0.268	0.936	1.00 - 5.00
6-00123	60171	Pb-212	1.41	0.0351	0.0935	2.69	1.00 - 5.00
6-00123	60171	Pb-214	0.95	0.0339	0.0495	1.7	1.00 - 5.00
6-00123	60171	Pu-236	-0.0059 U	0.0359	0.0075	7.79	1.00 - 5.00
6-00123	60171	Pu-238	0.0121 U	0.0299	0.009	0.0415	1.00 - 5.00
6-00123	60171	Pu-239/240	0.0063	0.0175	0.0052	0.0404	1.00 - 5.00
6-00123	60171	Pu-244	-0.0032 U	0.0248	0.0044	0.0313	1.00 - 5.00
6-00123	60171	Sb-125	0.0246 SJ	0.047	0.0148	0.354	1.00 - 5.00
6-00123	60171	Sn-126	-0.0022 U	0.0173	0.0051	0.0237	1.00 - 5.00
6-00123	60171	Sr-90	-0.0031 U	0.14	0.0362	0.485	1.00 - 5.00
6-00123	60171	Tc-99	-0.874 U	1.54	0.441	1.63	1.00 - 5.00
6-00123	60171	Th-228	1.28	0.125	0.13	3.98	1.00 - 5.00
6-00123	60171	Th-229	0.0292	0.0678	0.0207	0.145	1.00 - 5.00
6-00123	60171	Th-230	0.946	0.0676	0.101	2.2	1.00 - 5.00
6-00123	60171	Th-232	1.28	0.0674	0.124	3.1	1.00 - 5.00
6-00123	60171	Th-234	1.37 J	0.338	0.161	3.19	1.00 - 5.00
6-00123	60171	Tl-208	0.411	0.0181	0.0241	0.937	1.00 - 5.00
6-00123	60171	Tm-171	-14.3 U	19.9	7.55	72.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00123	60171	U-233/234	0.795	0.052	0.0807	2.02	1.00 - 5.00
6-00123	60171	U-235/236	0.0358	0.0314	0.0146	0.151	1.00 - 5.00
6-00123	60171	U-238	0.86	0.036	0.0849	1.8	1.00 - 5.00
6-00124	60172	Ac-227	0.0127 U	0.109	0.0323	0.217	1.00 - 5.00
6-00124	60172	Ac-228	1.1	0.055	0.049	2.4	1.00 - 5.00
6-00124	60172	Am-241	0.0011 U	0.0155	0.0034	0.0454	1.00 - 5.00
6-00124	60172	Bi-212	0.756	0.0765	0.0549	2.15	1.00 - 5.00
6-00124	60172	Bi-214	0.756	0.016	0.0337	1.59	1.00 - 5.00
6-00124	60172	C-14	0.455	0.862	0.263	2.96	1.00 - 5.00
6-00124	60172	Cd-113m	-8.89 U	72.5	21.5	3030	1.00 - 5.00
6-00124	60172	Cm-243/244	0.0005 U	0.0259	0.0063	0.0443	1.00 - 5.00
6-00124	60172	Co-60	-0.0021 U	0.0106	0.0031	0.028	1.00 - 5.00
6-00124	60172	Cs-134	0.0004 U	0.0084	0.003	0.0864	1.00 - 5.00
6-00124	60172	Cs-137	0.0609	0.0091	0.0051	0.207	1.00 - 5.00
6-00124	60172	Eu-152	-0.0084 U	0.0261	0.0087	0.0566	1.00 - 5.00
6-00124	60172	Eu-154	-0.035 U	0.0575	0.0195	0.15	1.00 - 5.00
6-00124	60172	Eu-155	0.062 JS	0.0372	0.0161	0.231	1.00 - 5.00
6-00124	60172	H-3	0 U	7.13	1.95	11.9	1.00 - 5.00
6-00124	60172	Ho-166m	-0.01 UJ	0.014	0.0048	0.0432	1.00 - 5.00
6-00124	60172	K-40	20.3	0.0745	1.13	32.4	1.00 - 5.00
6-00124	60172	Na-22	-0.0014 U	0.012	0.0037	0.037	1.00 - 5.00
6-00124	60172	Nb-94	0.006 JS	0.0087	0.0029	0.0214	1.00 - 5.00
6-00124	60172	Ni-59	-3.11 U	4.64	1.63	5.96	1.00 - 5.00
6-00124	60172	Ni-63	0.148 U	1.24	0.369	4.92	1.00 - 5.00
6-00124	60172	Np-236	-0.0108 UJ	0.0204	0.0068	0.047	1.00 - 5.00
6-00124	60172	Np-239	-0.0036 U	0.0731	0.0215	0.139	1.00 - 5.00
6-00124	60172	Pa-231	-0.124 UJ	0.448	0.141	0.936	1.00 - 5.00
6-00124	60172	Pb-212	1.24	0.0194	0.0736	2.69	1.00 - 5.00
6-00124	60172	Pb-214	0.838	0.0188	0.0392	1.7	1.00 - 5.00
6-00124	60172	Pu-236	-0.0001 UJ	0.0428	0.0101	7.79	1.00 - 5.00
6-00124	60172	Pu-238	0.0004 UJ	0.0327	0.0073	0.0415	1.00 - 5.00
6-00124	60172	Pu-239/240	0.0009 UJ	0.0207	0.004	0.0404	1.00 - 5.00
6-00124	60172	Pu-244	-0.007 UJ	0.0294	0.0052	0.0313	1.00 - 5.00
6-00124	60172	Sb-125	0.0001 U	0.0251	0.0076	0.354	1.00 - 5.00
6-00124	60172	Sn-126	-0.0007 U	0.0095	0.0028	0.0237	1.00 - 5.00
6-00124	60172	Sr-90	0.161 U	0.275	0.0867	0.485	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00124	60172	Tc-99	-0.092 U	1.42	0.421	1.63	1.00 - 5.00
6-00124	60172	Th-228	0.98	0.179	0.134	3.98	1.00 - 5.00
6-00124	60172	Th-229	0.0109 UJ	0.102	0.0244	0.145	1.00 - 5.00
6-00124	60172	Th-230	0.774	0.0803	0.107	2.2	1.00 - 5.00
6-00124	60172	Th-232	0.859	0.101	0.114	3.1	1.00 - 5.00
6-00124	60172	Th-234	1.13	0.159	0.0945	3.19	1.00 - 5.00
6-00124	60172	Tl-208	0.386	0.0096	0.0206	0.937	1.00 - 5.00
6-00124	60172	Tm-171	-0.562 U	6.32	2.13	72.4	1.00 - 5.00
6-00124	60172	U-233/234	0.583	0.0747	0.0813	2.02	1.00 - 5.00
6-00124	60172	U-235/236	0.0052 UJ	0.0726	0.0161	0.151	1.00 - 5.00
6-00124	60172	U-238	0.809	0.0588	0.0999	1.8	1.00 - 5.00
6-00125	60173	Ac-227	-0.0265 U	0.175	0.0522	0.217	1.00 - 5.00
6-00125	60173	Ac-228	1.19	0.102	0.0565	2.4	1.00 - 5.00
6-00125	60173	Am-241	-0.001 U	0.0175	0.0032	0.0454	1.00 - 5.00
6-00125	60173	Bi-212	0.89 J	0.141	0.0892	2.15	1.00 - 5.00
6-00125	60173	Bi-214	0.875	0.0299	0.0437	1.59	1.00 - 5.00
6-00125	60173	C-14	0.186 U	0.636	0.192	2.96	1.00 - 5.00
6-00125	60173	Cd-113m	46.9 U	118	36.3	3030	1.00 - 5.00
6-00125	60173	Cm-243/244	-0.001 U	0.0176	0.0032	0.0443	1.00 - 5.00
6-00125	60173	Co-60	0.003 UJ	0.0188	0.0055	0.028	1.00 - 5.00
6-00125	60173	Cs-134	-0.0055 U	0.0149	0.0053	0.0864	1.00 - 5.00
6-00125	60173	Cs-137	0.026 J	0.019	0.0071	0.207	1.00 - 5.00
6-00125	60173	Eu-152	-0.0347 UJ	0.0427	0.0173	0.0566	1.00 - 5.00
6-00125	60173	Eu-154	-0.0336 U	0.107	0.0338	0.15	1.00 - 5.00
6-00125	60173	Eu-155	0.0668 JS	0.0549	0.0209	0.231	1.00 - 5.00
6-00125	60173	H-3	3.26	6.8	2.07	11.9	1.00 - 5.00
6-00125	60173	Ho-166m	0 U	0.0273	0.008	0.0432	1.00 - 5.00
6-00125	60173	K-40	20.7	0.14	1.17	32.4	1.00 - 5.00
6-00125	60173	Na-22	-0.0002 U	0.0228	0.0067	0.037	1.00 - 5.00
6-00125	60173	Nb-94	0.0038 U	0.0161	0.0048	0.0214	1.00 - 5.00
6-00125	60173	Ni-59	-0.369 U	3.89	1.07	5.96	1.00 - 5.00
6-00125	60173	Ni-63	-0.202 U	1.38	0.412	4.92	1.00 - 5.00
6-00125	60173	Np-236	0.0157 JS	0.0308	0.0101	0.047	1.00 - 5.00
6-00125	60173	Np-239	0.0037 U	0.114	0.0336	0.139	1.00 - 5.00
6-00125	60173	Pa-231	-0.0649 U	0.716	0.221	0.936	1.00 - 5.00
6-00125	60173	Pb-212	1.36	0.0301	0.0791	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00125	60173	Pb-214	0.938	0.0313	0.0451	1.7	1.00 - 5.00
6-00125	60173	Pu-236	-0.0051 U	0.0212	0.0037	7.79	1.00 - 5.00
6-00125	60173	Pu-238	0.0089	0.006	0.0045	0.0415	1.00 - 5.00
6-00125	60173	Pu-239/240	0.0035 U	0.0175	0.0045	0.0404	1.00 - 5.00
6-00125	60173	Pu-244	0.0067	0.006	0.0039	0.0313	1.00 - 5.00
6-00125	60173	Sb-125	-0.0139 U	0.0431	0.0137	0.354	1.00 - 5.00
6-00125	60173	Sn-126	-0.0019 U	0.0176	0.0052	0.0237	1.00 - 5.00
6-00125	60173	Sr-90	-0.0462 U	0.217	0.057	0.485	1.00 - 5.00
6-00125	60173	Tc-99	-0.238 U	1.11	0.326	1.63	1.00 - 5.00
6-00125	60173	Th-228	1.12	0.0725	0.11	3.98	1.00 - 5.00
6-00125	60173	Th-229	-0.0125 U	0.0822	0.0177	0.145	1.00 - 5.00
6-00125	60173	Th-230	0.707	0.0581	0.079	2.2	1.00 - 5.00
6-00125	60173	Th-232	1.15	0.0169	0.107	3.1	1.00 - 5.00
6-00125	60173	Th-234	1.59	0.231	0.145	3.19	1.00 - 5.00
6-00125	60173	Tl-208	0.428	0.017	0.0265	0.937	1.00 - 5.00
6-00125	60173	Tm-171	-4.25 U	10.2	3.61	72.4	1.00 - 5.00
6-00125	60173	U-233/234	0.634	0.0454	0.0656	2.02	1.00 - 5.00
6-00125	60173	U-235/236	0.0086 U	0.0514	0.0135	0.151	1.00 - 5.00
6-00125	60173	U-238	0.71	0.0322	0.0707	1.8	1.00 - 5.00
6-00126	60174	Ac-227	0.0752 U	0.169	0.0523	0.217	0.00 - 0.50
6-00126	60174	Ac-228	1.07	0.103	0.0516	2.4	0.00 - 0.50
6-00126	60174	Am-241	-0.0027 U	0.0144	0.0027	0.0454	0.00 - 0.50
6-00126	60174	Bi-212	0.86	0.132	0.0736	2.15	0.00 - 0.50
6-00126	60174	Bi-214	0.809	0.0295	0.0398	1.59	0.00 - 0.50
6-00126	60174	C-14	-0.254 U	0.821	0.242	2.96	0.00 - 0.50
6-00126	60174	Cd-113m	20.5 U	110	32.9	3030	0.00 - 0.50
6-00126	60174	Cm-243/244	-0.0027 U	0.0125	0.0023	0.0443	0.00 - 0.50
6-00126	60174	Co-60	0.0074 U	0.0188	0.0056	0.028	0.00 - 0.50
6-00126	60174	Cs-134	0.0016 U	0.0149	0.005	0.0864	0.00 - 0.50
6-00126	60174	Cs-137	0.0248	0.017	0.0071	0.207	0.00 - 0.50
6-00126	60174	Eu-152	-0.0046 U	0.0419	0.0137	0.0566	0.00 - 0.50
6-00126	60174	Eu-154	-0.0529 UJ	0.0985	0.0332	0.15	0.00 - 0.50
6-00126	60174	Eu-155	0.0634 SJ	0.054	0.0206	0.231	0.00 - 0.50
6-00126	60174	H-3	1.45 U	7.32	2.19	11.9	0.00 - 0.50
6-00126	60174	Ho-166m	0.0012 U	0.026	0.0076	0.0432	0.00 - 0.50
6-00126	60174	K-40	21	0.134	1.19	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00126	60174	Na-22	-0.0092 U	0.0211	0.0067	0.037	0.00 - 0.50
6-00126	60174	Nb-94	0.0061 U	0.0155	0.0047	0.0214	0.00 - 0.50
6-00126	60174	Ni-59	-0.629 UJ	2.2	0.663	5.96	0.00 - 0.50
6-00126	60174	Ni-63	0.129 U	1.26	0.379	4.92	0.00 - 0.50
6-00126	60174	Np-236	-0.0068 U	0.0293	0.0092	0.047	0.00 - 0.50
6-00126	60174	Np-239	0.0035 U	0.11	0.0324	0.139	0.00 - 0.50
6-00126	60174	Pa-231	-0.272 U	0.687	0.224	0.936	0.00 - 0.50
6-00126	60174	Pb-212	1.31	0.0307	0.0764	2.69	0.00 - 0.50
6-00126	60174	Pb-214	0.87	0.0294	0.0421	1.7	0.00 - 0.50
6-00126	60174	Pu-236	0 U	0.0158	0.0038	7.79	0.00 - 0.50
6-00126	60174	Pu-238	0.0011 U	0.015	0.0038	0.0415	0.00 - 0.50
6-00126	60174	Pu-239/240	0.0034	0.0084	0.0026	0.0404	0.00 - 0.50
6-00126	60174	Pu-244	0.0057 J	0.0031	0.0026	0.0313	0.00 - 0.50
6-00126	60174	Sb-125	0.0062 U	0.0423	0.0128	0.354	0.00 - 0.50
6-00126	60174	Sn-126	-0.0019 U	0.0167	0.005	0.0237	0.00 - 0.50
6-00126	60174	Sr-90	0.0616	0.0957	0.0312	0.485	0.00 - 0.50
6-00126	60174	Tc-99	-0.351 U	1.33	0.382	1.63	0.00 - 0.50
6-00126	60174	Th-228	1.2	0.0542	0.118	3.98	0.00 - 0.50
6-00126	60174	Th-229	0.0069 U	0.0737	0.0181	0.145	0.00 - 0.50
6-00126	60174	Th-230	0.806	0.0635	0.0888	2.2	0.00 - 0.50
6-00126	60174	Th-232	1.25	0.0185	0.117	3.1	0.00 - 0.50
6-00126	60174	Th-234	1.33	0.231	0.13	3.19	0.00 - 0.50
6-00126	60174	Tl-208	0.443	0.0164	0.0262	0.937	0.00 - 0.50
6-00126	60174	Tm-171	1.19 U	10	3.38	72.4	0.00 - 0.50
6-00126	60174	U-233/234	0.795	0.0432	0.0886	2.02	0.00 - 0.50
6-00126	60174	U-235/236	0.061	0.0184	0.0208	0.151	0.00 - 0.50
6-00126	60174	U-238	0.812	0.0349	0.0898	1.8	0.00 - 0.50
6-00126	60175	Ac-227	0.0503 UJ	0.229	0.0678	0.217	1.00 - 5.00
6-00126	60175	Ac-228	1.24	0.139	0.0636	2.4	1.00 - 5.00
6-00126	60175	Am-241	0.0065 U	0.0273	0.0075	0.0454	1.00 - 5.00
6-00126	60175	Bi-212	0.916 J	0.275	0.234	2.15	1.00 - 5.00
6-00126	60175	Bi-214	0.928	0.0383	0.048	1.59	1.00 - 5.00
6-00126	60175	C-14	0.0353 U	0.89	0.267	2.96	1.00 - 5.00
6-00126	60175	Cd-113m	-63.8 U	150	47.4	3030	1.00 - 5.00
6-00126	60175	Cm-243/244	0.0003 U	0.0222	0.005	0.0443	1.00 - 5.00
6-00126	60175	Co-60	-0.0037 U	0.0248	0.0073	0.028	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00126	60175	Cs-134	-0.0045 U	0.019	0.0066	0.0864	1.00 - 5.00
6-00126	60175	Cs-137	-0.0075 U	0.0234	0.0072	0.207	1.00 - 5.00
6-00126	60175	Eu-152	0.0177 U	0.0577	0.0197	0.0566	1.00 - 5.00
6-00126	60175	Eu-154	-0.0278 U	0.132	0.0407	0.15	1.00 - 5.00
6-00126	60175	Eu-155	0.0089 U	0.0767	0.0234	0.231	1.00 - 5.00
6-00126	60175	H-3	2.79 U	6.73	2.02	11.9	1.00 - 5.00
6-00126	60175	Ho-166m	0.001 U	0.0353	0.0103	0.0432	1.00 - 5.00
6-00126	60175	K-40	19	0.169	1.09	32.4	1.00 - 5.00
6-00126	60175	Na-22	-0.0031 U	0.0308	0.0091	0.037	1.00 - 5.00
6-00126	60175	Nb-94	0.0028 U	0.0207	0.006	0.0214	1.00 - 5.00
6-00126	60175	Ni-59	-2.08 U	8.71	2.48	5.96	1.00 - 5.00
6-00126	60175	Ni-63	0.18 U	1.14	0.338	4.92	1.00 - 5.00
6-00126	60175	Np-236	-0.0149 U	0.0401	0.0129	0.047	1.00 - 5.00
6-00126	60175	Np-239	0.0328 U	0.152	0.0449	0.139	1.00 - 5.00
6-00126	60175	Pa-231	0.0511 U	0.958	0.305	0.936	1.00 - 5.00
6-00126	60175	Pb-212	1.41	0.0402	0.0834	2.69	1.00 - 5.00
6-00126	60175	Pb-214	1.04	0.0419	0.0515	1.7	1.00 - 5.00
6-00126	60175	Pu-236	0.0037 U	0.0184	0.0046	7.79	1.00 - 5.00
6-00126	60175	Pu-238	0.0054 U	0.0339	0.0089	0.0415	1.00 - 5.00
6-00126	60175	Pu-239/240	0.0043 U	0.0215	0.0055	0.0404	1.00 - 5.00
6-00126	60175	Pu-244	0	0.0074	0.0027	0.0313	1.00 - 5.00
6-00126	60175	Sb-125	-0.0206 U	0.0576	0.0184	0.354	1.00 - 5.00
6-00126	60175	Sn-126	-0.015 UJ	0.0208	0.0073	0.0237	1.00 - 5.00
6-00126	60175	Sr-90	0.0846 U	0.307	0.0907	0.485	1.00 - 5.00
6-00126	60175	Tc-99	-0.626 U	1.28	0.375	1.63	1.00 - 5.00
6-00126	60175	Th-228	1.54	0.078	0.147	3.98	1.00 - 5.00
6-00126	60175	Th-229	0 U	0.102	0.0246	0.145	1.00 - 5.00
6-00126	60175	Th-230	0.984	0.102	0.108	2.2	1.00 - 5.00
6-00126	60175	Th-232	1.37	0.0209	0.131	3.1	1.00 - 5.00
6-00126	60175	Th-234	1.66 J	0.314	0.188	3.19	1.00 - 5.00
6-00126	60175	Tl-208	0.451	0.0223	0.0288	0.937	1.00 - 5.00
6-00126	60175	Tm-171	-5.18 U	14.1	4.92	72.4	1.00 - 5.00
6-00126	60175	U-233/234	0.968	0.0509	0.0943	2.02	1.00 - 5.00
6-00126	60175	U-235/236	0.0536	0.04	0.0187	0.151	1.00 - 5.00
6-00126	60175	U-238	0.867	0.0412	0.0864	1.8	1.00 - 5.00
6-00127	60176	Ac-227	-0.0544 U	0.164	0.0527	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00127	60176	Ac-228	0.965	0.096	0.0491	2.4	0.00 - 0.50
6-00127	60176	Am-241	0.0103	0.0179	0.006	0.0454	0.00 - 0.50
6-00127	60176	Bi-212	0.705 J	0.214	0.186	2.15	0.00 - 0.50
6-00127	60176	Bi-214	0.762	0.0294	0.0394	1.59	0.00 - 0.50
6-00127	60176	C-14	0.184 U	0.874	0.263	2.96	0.00 - 0.50
6-00127	60176	Cd-113m	10.7 U	110	33.7	3030	0.00 - 0.50
6-00127	60176	Cm-243/244	0.0006 U	0.0146	0.0028	0.0443	0.00 - 0.50
6-00127	60176	Co-60	-0.0025 U	0.0189	0.0055	0.028	0.00 - 0.50
6-00127	60176	Cs-134	-0.0072 U	0.0158	0.0059	0.0864	0.00 - 0.50
6-00127	60176	Cs-137	0.187	0.0204	0.0137	0.207	0.00 - 0.50
6-00127	60176	Eu-152	-0.0035 U	0.0422	0.0128	0.0566	0.00 - 0.50
6-00127	60176	Eu-154	-0.01 U	0.106	0.0315	0.15	0.00 - 0.50
6-00127	60176	Eu-155	0.0082 U	0.0484	0.0143	0.231	0.00 - 0.50
6-00127	60176	H-3	4.69	7.73	2.42	11.9	0.00 - 0.50
6-00127	60176	Ho-166m	-0.0026 UJ	0.0266	0.0077	0.0432	0.00 - 0.50
6-00127	60176	K-40	18.8	0.136	1.05	32.4	0.00 - 0.50
6-00127	60176	Na-22	-0.009 U	0.0232	0.0072	0.037	0.00 - 0.50
6-00127	60176	Nb-94	-0.0015 U	0.0156	0.0045	0.0214	0.00 - 0.50
6-00127	60176	Ni-59	0.675 U	3.8	0.977	5.96	0.00 - 0.50
6-00127	60176	Ni-63	0.577	1.08	0.335	4.92	0.00 - 0.50
6-00127	60176	Np-236	-0.0034 U	0.0262	0.0078	0.047	0.00 - 0.50
6-00127	60176	Np-239	0.0051 U	0.106	0.0324	0.139	0.00 - 0.50
6-00127	60176	Pa-231	-0.121 U	0.664	0.209	0.936	0.00 - 0.50
6-00127	60176	Pb-212	1.07	0.0285	0.0614	2.69	0.00 - 0.50
6-00127	60176	Pb-214	0.789	0.0306	0.038	1.7	0.00 - 0.50
6-00127	60176	Pu-236	0	0.0063	0.0023	7.79	0.00 - 0.50
6-00127	60176	Pu-238	0.0046 U	0.0218	0.0058	0.0415	0.00 - 0.50
6-00127	60176	Pu-239/240	0.0071	0.0138	0.0046	0.0404	0.00 - 0.50
6-00127	60176	Pu-244	0.0022	0.0059	0.0022	0.0313	0.00 - 0.50
6-00127	60176	Sb-125	0.0065 U	0.0433	0.0127	0.354	0.00 - 0.50
6-00127	60176	Sn-126	0.0037 U	0.0177	0.0051	0.0237	0.00 - 0.50
6-00127	60176	Sr-90	0.16 U	0.39	0.118	0.485	0.00 - 0.50
6-00127	60176	Tc-99	0.199 U	1	0.3	1.63	0.00 - 0.50
6-00127	60176	Th-228	1.07	0.071	0.121	3.98	0.00 - 0.50
6-00127	60176	Th-229	0 U	0.146	0.0371	0.145	0.00 - 0.50
6-00127	60176	Th-230	0.786	0.094	0.0978	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00127	60176	Th-232	0.87	0.0641	0.102	3.1	0.00 - 0.50
6-00127	60176	Th-234	1.08	0.194	0.102	3.19	0.00 - 0.50
6-00127	60176	Tl-208	0.354	0.0176	0.0218	0.937	0.00 - 0.50
6-00127	60176	Tm-171	-1.91 U	6.11	2.02	72.4	0.00 - 0.50
6-00127	60176	U-233/234	0.816	0.0587	0.101	2.02	0.00 - 0.50
6-00127	60176	U-235/236	0.046	0.0249	0.0209	0.151	0.00 - 0.50
6-00127	60176	U-238	0.885	0.0202	0.106	1.8	0.00 - 0.50
6-00127	60177	Ac-227	0.0145 U	0.118	0.0348	0.217	1.00 - 3.00
6-00127	60177	Ac-228	1.03	0.0633	0.0468	2.4	1.00 - 3.00
6-00127	60177	Am-241	-0.0004 U	0.0216	0.0045	0.0454	1.00 - 3.00
6-00127	60177	Bi-212	0.739	0.0884	0.0607	2.15	1.00 - 3.00
6-00127	60177	Bi-214	0.846	0.0185	0.0379	1.59	1.00 - 3.00
6-00127	60177	C-14	-0.29 U	0.897	0.266	2.96	1.00 - 3.00
6-00127	60177	Cd-113m	-8.8 U	79.2	24.4	3030	1.00 - 3.00
6-00127	60177	Cm-243/244	0.0024	0.0065	0.0024	0.0443	1.00 - 3.00
6-00127	60177	Co-60	0.0001 U	0.0118	0.0035	0.028	1.00 - 3.00
6-00127	60177	Cs-134	0.0048 U	0.0101	0.0035	0.0864	1.00 - 3.00
6-00127	60177	Cs-137	0.194	0.0118	0.012	0.207	1.00 - 3.00
6-00127	60177	Eu-152	-0.0128 U	0.0292	0.0097	0.0566	1.00 - 3.00
6-00127	60177	Eu-154	-0.0167 U	0.0655	0.0228	0.15	1.00 - 3.00
6-00127	60177	Eu-155	0.0587 JS	0.0413	0.0158	0.231	1.00 - 3.00
6-00127	60177	H-3	4.02	5.88	1.86	11.9	1.00 - 3.00
6-00127	60177	Ho-166m	-0.0105 U	0.0167	0.0057	0.0432	1.00 - 3.00
6-00127	60177	K-40	20.4	0.0835	1.09	32.4	1.00 - 3.00
6-00127	60177	Na-22	-0.0109 UJ	0.0139	0.005	0.037	1.00 - 3.00
6-00127	60177	Nb-94	-0.0008 U	0.0099	0.0029	0.0214	1.00 - 3.00
6-00127	60177	Ni-59	-1.84 U	4.23	1.33	5.96	1.00 - 3.00
6-00127	60177	Ni-63	0.75	1.34	0.414	4.92	1.00 - 3.00
6-00127	60177	Np-236	-0.0006 UJ	0.0222	0.0068	0.047	1.00 - 3.00
6-00127	60177	Np-239	-0.0286 U	0.0785	0.0242	0.139	1.00 - 3.00
6-00127	60177	Pa-231	-0.109 UJ	0.488	0.148	0.936	1.00 - 3.00
6-00127	60177	Pb-212	1.14	0.0207	0.0651	2.69	1.00 - 3.00
6-00127	60177	Pb-214	0.89	0.0212	0.0413	1.7	1.00 - 3.00
6-00127	60177	Pu-236	0.0053 UJ	0.0637	0.0159	7.79	1.00 - 3.00
6-00127	60177	Pu-238	-0.03 UJ	0.0793	0.0158	0.0415	1.00 - 3.00
6-00127	60177	Pu-239/240	0	0.0135	0.005	0.0404	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00127	60177	Pu-244	0	0.0135	0.005	0.0313	1.00 - 3.00
6-00127	60177	Sb-125	0.0137 U	0.0296	0.0094	0.354	1.00 - 3.00
6-00127	60177	Sn-126	-0.0078 UJ	0.0111	0.0039	0.0237	1.00 - 3.00
6-00127	60177	Sr-90	-0.0442 U	0.201	0.0484	0.485	1.00 - 3.00
6-00127	60177	Tc-99	-0.695 U	1.4	0.406	1.63	1.00 - 3.00
6-00127	60177	Th-228	1.25	0.0933	0.121	3.98	1.00 - 3.00
6-00127	60177	Th-229	0 U	0.0989	0.0246	0.145	1.00 - 3.00
6-00127	60177	Th-230	0.801	0.061	0.0872	2.2	1.00 - 3.00
6-00127	60177	Th-232	1.22	0.0608	0.115	3.1	1.00 - 3.00
6-00127	60177	Th-234	1.21	0.176	0.107	3.19	1.00 - 3.00
6-00127	60177	Tl-208	0.375	0.0111	0.0209	0.937	1.00 - 3.00
6-00127	60177	Tm-171	-0.738 U	7.21	2.41	72.4	1.00 - 3.00
6-00127	60177	U-233/234	0.767	0.0652	0.088	2.02	1.00 - 3.00
6-00127	60177	U-235/236	0.0828	0.0187	0.0247	0.151	1.00 - 3.00
6-00127	60177	U-238	0.881	0.0505	0.0964	1.8	1.00 - 3.00
6-00128	60178	Ac-227	0.0132 U	0.15	0.0442	0.217	0.00 - 0.50
6-00128	60178	Ac-228	0.933	0.0838	0.0464	2.4	0.00 - 0.50
6-00128	60178	Am-241	-0.0027 UJ	0.024	0.0047	0.0454	0.00 - 0.50
6-00128	60178	Bi-212	0.732	0.119	0.0637	2.15	0.00 - 0.50
6-00128	60178	Bi-214	0.715	0.0248	0.0358	1.59	0.00 - 0.50
6-00128	60178	C-14	0.251 U	0.866	0.261	2.96	0.00 - 0.50
6-00128	60178	Cd-113m	2.98 U	98.4	29.9	3030	0.00 - 0.50
6-00128	60178	Cm-243/244	0	0.0103	0.0038	0.0443	0.00 - 0.50
6-00128	60178	Co-60	0.0036 U	0.0163	0.0048	0.028	0.00 - 0.50
6-00128	60178	Cs-134	-0.0009 U	0.013	0.0044	0.0864	0.00 - 0.50
6-00128	60178	Cs-137	0.0633	0.0154	0.0072	0.207	0.00 - 0.50
6-00128	60178	Eu-152	-0.03 UJ	0.0362	0.0133	0.0566	0.00 - 0.50
6-00128	60178	Eu-154	-0.0243 U	0.0869	0.0261	0.15	0.00 - 0.50
6-00128	60178	Eu-155	0.0858 JS	0.053	0.0223	0.231	0.00 - 0.50
6-00128	60178	H-3	5.14	7.8	2.47	11.9	0.00 - 0.50
6-00128	60178	Ho-166m	-0.0054 UJ	0.0213	0.0065	0.0432	0.00 - 0.50
6-00128	60178	K-40	18.9	0.107	1.04	32.4	0.00 - 0.50
6-00128	60178	Na-22	-0.0025 U	0.0187	0.0056	0.037	0.00 - 0.50
6-00128	60178	Nb-94	0.0041 U	0.0128	0.0038	0.0214	0.00 - 0.50
6-00128	60178	Ni-59	-0.798 U	5.95	1.61	5.96	0.00 - 0.50
6-00128	60178	Ni-63	0.382 U	1.06	0.323	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00128	60178	Np-236	-0.0137 U	0.028	0.0092	0.047	0.00 - 0.50
6-00128	60178	Np-239	0.007 U	0.099	0.029	0.139	0.00 - 0.50
6-00128	60178	Pa-231	-0.147 U	0.614	0.187	0.936	0.00 - 0.50
6-00128	60178	Pb-212	1.05	0.0263	0.0616	2.69	0.00 - 0.50
6-00128	60178	Pb-214	0.779	0.0271	0.0382	1.7	0.00 - 0.50
6-00128	60178	Pu-236	-0.0023 U	0.0202	0.0039	7.79	0.00 - 0.50
6-00128	60178	Pu-238	-0.009 U	0.0369	0.0071	0.0415	0.00 - 0.50
6-00128	60178	Pu-239/240	0.0055 U	0.0269	0.007	0.0404	0.00 - 0.50
6-00128	60178	Pu-244	0	0.008	0.003	0.0313	0.00 - 0.50
6-00128	60178	Sb-125	0.0108 U	0.0384	0.0117	0.354	0.00 - 0.50
6-00128	60178	Sn-126	0.0036 U	0.0144	0.0042	0.0237	0.00 - 0.50
6-00128	60178	Sr-90	-0.0205 U	0.169	0.0446	0.485	0.00 - 0.50
6-00128	60178	Tc-99	-0.291 U	1.36	0.395	1.63	0.00 - 0.50
6-00128	60178	Th-228	1.23	0.0927	0.128	3.98	0.00 - 0.50
6-00128	60178	Th-229	-0.0156 U	0.124	0.0292	0.145	0.00 - 0.50
6-00128	60178	Th-230	1.37	0.0839	0.133	2.2	0.00 - 0.50
6-00128	60178	Th-232	1.23	0.0572	0.123	3.1	0.00 - 0.50
6-00128	60178	Th-234	1.15 J	0.222	0.12	3.19	0.00 - 0.50
6-00128	60178	Tl-208	0.338	0.0147	0.0207	0.937	0.00 - 0.50
6-00128	60178	Tm-171	1.09 U	9.47	3.14	72.4	0.00 - 0.50
6-00128	60178	U-233/234	1.04	0.066	0.115	2.02	0.00 - 0.50
6-00128	60178	U-235/236	0.0638	0.0736	0.0281	0.151	0.00 - 0.50
6-00128	60178	U-238	1.03	0.0519	0.113	1.8	0.00 - 0.50
6-00128	60179	Ac-227	-0.0478 U	0.121	0.0382	0.217	1.00 - 5.00
6-00128	60179	Ac-228	1.09	0.0608	0.0499	2.4	1.00 - 5.00
6-00128	60179	Am-241	-0.0119 U	0.0403	0.0081	0.0454	1.00 - 5.00
6-00128	60179	Bi-212	0.749	0.0839	0.0545	2.15	1.00 - 5.00
6-00128	60179	Bi-214	0.872	0.0184	0.0388	1.59	1.00 - 5.00
6-00128	60179	C-14	0.079 U	0.659	0.197	2.96	1.00 - 5.00
6-00128	60179	Cd-113m	2.42 U	81.1	26.2	3030	1.00 - 5.00
6-00128	60179	Cm-243/244	0.0072 U	0.0389	0.0105	0.0443	1.00 - 5.00
6-00128	60179	Co-60	0.0063 J	0.0114	0.0036	0.028	1.00 - 5.00
6-00128	60179	Cs-134	0.0031 U	0.0094	0.0032	0.0864	1.00 - 5.00
6-00128	60179	Cs-137	0.0097 J	0.0112	0.0043	0.207	1.00 - 5.00
6-00128	60179	Eu-152	-0.0116 U	0.0292	0.01	0.0566	1.00 - 5.00
6-00128	60179	Eu-154	0.0235 U	0.0604	0.0211	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00128	60179	Eu-155	0.0722 SJ	0.0428	0.016	0.231	1.00 - 5.00
6-00128	60179	H-3	3.68	7.41	2.26	11.9	1.00 - 5.00
6-00128	60179	Ho-166m	-0.0145 UJ	0.0161	0.006	0.0432	1.00 - 5.00
6-00128	60179	K-40	22	0.0737	1.25	32.4	1.00 - 5.00
6-00128	60179	Na-22	-0.0021 U	0.0133	0.0041	0.037	1.00 - 5.00
6-00128	60179	Nb-94	0.0082 SJ	0.0098	0.0034	0.0214	1.00 - 5.00
6-00128	60179	Ni-59	-0.786 U	6.42	1.73	5.96	1.00 - 5.00
6-00128	60179	Ni-63	-0.371 U	1.29	0.38	4.92	1.00 - 5.00
6-00128	60179	Np-236	-0.0006 U	0.0236	0.0069	0.047	1.00 - 5.00
6-00128	60179	Np-239	0.0287 U	0.0816	0.0251	0.139	1.00 - 5.00
6-00128	60179	Pa-231	-0.172 U	0.497	0.161	0.936	1.00 - 5.00
6-00128	60179	Pb-212	1.25	0.0213	0.0784	2.69	1.00 - 5.00
6-00128	60179	Pb-214	0.937	0.021	0.045	1.7	1.00 - 5.00
6-00128	60179	Pu-236	-0.0082 UJ	0.0288	0.005	7.79	1.00 - 5.00
6-00128	60179	Pu-238	0.0076 UJ	0.0308	0.0086	0.0415	1.00 - 5.00
6-00128	60179	Pu-239/240	-0.0014 UJ	0.0256	0.0056	0.0404	1.00 - 5.00
6-00128	60179	Pu-244	0.0013 UJ	0.0185	0.0041	0.0313	1.00 - 5.00
6-00128	60179	Sb-125	-0.0016 U	0.0283	0.0086	0.354	1.00 - 5.00
6-00128	60179	Sn-126	-0.003 U	0.0106	0.0032	0.0237	1.00 - 5.00
6-00128	60179	Sr-90	-0.0246 U	0.211	0.054	0.485	1.00 - 5.00
6-00128	60179	Tc-99	-0.571 U	1.26	0.364	1.63	1.00 - 5.00
6-00128	60179	Th-228	1.34	0.175	0.143	3.98	1.00 - 5.00
6-00128	60179	Th-229	0.244	0.118	0.0549	0.145	1.00 - 5.00
6-00128	60179	Th-230	0.949	0.0728	0.106	2.2	1.00 - 5.00
6-00128	60179	Th-232	1.14	0.0212	0.119	3.1	1.00 - 5.00
6-00128	60179	Th-234	1.23	0.18	0.107	3.19	1.00 - 5.00
6-00128	60179	Tl-208	0.384	0.0105	0.0209	0.937	1.00 - 5.00
6-00128	60179	Tm-171	-2.47 U	7.85	2.82	72.4	1.00 - 5.00
6-00128	60179	U-233/234	0.715	0.0456	0.08	2.02	1.00 - 5.00
6-00128	60179	U-235/236	0.0702	0.0396	0.0226	0.151	1.00 - 5.00
6-00128	60179	U-238	0.882	0.0321	0.0927	1.8	1.00 - 5.00
6-00129	60180	Ac-227	-0.0707 U	0.135	0.0454	0.217	0.00 - 0.50
6-00129	60180	Ac-228	0.865	0.0862	0.0433	2.4	0.00 - 0.50
6-00129	60180	Am-241	0.0006 U	0.0145	0.0028	0.0454	0.00 - 0.50
6-00129	60180	Bi-212	0.65 J	0.114	0.0676	2.15	0.00 - 0.50
6-00129	60180	Bi-214	0.675	0.0239	0.0349	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00129	60180	C-14	0.631	0.725	0.225	2.96	0.00 - 0.50
6-00129	60180	Cd-113m	48 J	92.6	30	3030	0.00 - 0.50
6-00129	60180	Cm-243/244	0.0059 U	0.0181	0.0052	0.0443	0.00 - 0.50
6-00129	60180	Co-60	0.0114 J	0.0175	0.0055	0.028	0.00 - 0.50
6-00129	60180	Cs-134	0.0037 U	0.0123	0.0042	0.0864	0.00 - 0.50
6-00129	60180	Cs-137	0.0472	0.015	0.0068	0.207	0.00 - 0.50
6-00129	60180	Eu-152	-0.0319 UJ	0.0327	0.0131	0.0566	0.00 - 0.50
6-00129	60180	Eu-154	0.0013 U	0.089	0.0264	0.15	0.00 - 0.50
6-00129	60180	Eu-155	0.049 JS	0.0417	0.0192	0.231	0.00 - 0.50
6-00129	60180	H-3	1.93 U	7.97	2.28	11.9	0.00 - 0.50
6-00129	60180	Ho-166m	0.0057 U	0.0231	0.0067	0.0432	0.00 - 0.50
6-00129	60180	K-40	18.4	0.107	1.01	32.4	0.00 - 0.50
6-00129	60180	Na-22	-0.0078 U	0.019	0.006	0.037	0.00 - 0.50
6-00129	60180	Nb-94	0.0058 U	0.0132	0.004	0.0214	0.00 - 0.50
6-00129	60180	Ni-59	-2.15 UJ	4.85	1.5	5.96	0.00 - 0.50
6-00129	60180	Ni-63	-0.334 U	1.38	0.405	4.92	0.00 - 0.50
6-00129	60180	Np-236	0.0001 U	0.023	0.0067	0.047	0.00 - 0.50
6-00129	60180	Np-239	-0.0047 U	0.0887	0.027	0.139	0.00 - 0.50
6-00129	60180	Pa-231	0.093 U	0.572	0.176	0.936	0.00 - 0.50
6-00129	60180	Pb-212	1.02	0.0234	0.0572	2.69	0.00 - 0.50
6-00129	60180	Pb-214	0.712	0.0251	0.0348	1.7	0.00 - 0.50
6-00129	60180	Pu-236	-0.0129 U	0.0394	0.0074	7.79	0.00 - 0.50
6-00129	60180	Pu-238	0.0038 U	0.0294	0.0074	0.0415	0.00 - 0.50
6-00129	60180	Pu-239/240	0.0088	0.0171	0.0057	0.0404	0.00 - 0.50
6-00129	60180	Pu-244	0.0008 U	0.0171	0.0033	0.0313	0.00 - 0.50
6-00129	60180	Sb-125	0.0133 U	0.0369	0.0111	0.354	0.00 - 0.50
6-00129	60180	Sn-126	-0.0003 U	0.0148	0.0043	0.0237	0.00 - 0.50
6-00129	60180	Sr-90	0.0915 U	0.193	0.0594	0.485	0.00 - 0.50
6-00129	60180	Tc-99	0.149 U	1.72	0.514	1.63	0.00 - 0.50
6-00129	60180	Th-228	1.25	0.123	0.126	3.98	0.00 - 0.50
6-00129	60180	Th-229	0.0493	0.0758	0.0255	0.145	0.00 - 0.50
6-00129	60180	Th-230	0.772	0.0517	0.0869	2.2	0.00 - 0.50
6-00129	60180	Th-232	1.08	0.0515	0.108	3.1	0.00 - 0.50
6-00129	60180	Th-234	1.08	0.167	0.0919	3.19	0.00 - 0.50
6-00129	60180	Tl-208	0.35	0.0138	0.0216	0.937	0.00 - 0.50
6-00129	60180	Tm-171	1.24 U	5.3	1.82	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00129	60180	U-233/234	0.777	0.0496	0.0914	2.02	0.00 - 0.50
6-00129	60180	U-235/236	0.0545	0.0211	0.021	0.151	0.00 - 0.50
6-00129	60180	U-238	0.729	0.057	0.0878	1.8	0.00 - 0.50
6-00129	60181	Ac-227	-0.0193 U	0.118	0.0365	0.217	1.00 - 5.00
6-00129	60181	Ac-228	0.946	0.0578	0.0442	2.4	1.00 - 5.00
6-00129	60181	Am-241	-0.0101 U	0.0382	0.008	0.0454	1.00 - 5.00
6-00129	60181	Bi-212	0.658	0.0809	0.0496	2.15	1.00 - 5.00
6-00129	60181	Bi-214	0.685	0.0179	0.0314	1.59	1.00 - 5.00
6-00129	60181	C-14	0.401	0.643	0.197	2.96	1.00 - 5.00
6-00129	60181	Cd-113m	-7.17 U	78.8	25	3030	1.00 - 5.00
6-00129	60181	Cm-243/244	-0.0105 U	0.0321	0.0056	0.0443	1.00 - 5.00
6-00129	60181	Co-60	-0.0002 U	0.011	0.0032	0.028	1.00 - 5.00
6-00129	60181	Cs-134	0.0051 SJ	0.0091	0.0032	0.0864	1.00 - 5.00
6-00129	60181	Cs-137	-0.0022 U	0.01	0.0035	0.207	1.00 - 5.00
6-00129	60181	Eu-152	-0.032 UJ	0.0277	0.0134	0.0566	1.00 - 5.00
6-00129	60181	Eu-154	-0.051 UJ	0.058	0.022	0.15	1.00 - 5.00
6-00129	60181	Eu-155	0.0596 SJ	0.0429	0.0149	0.231	1.00 - 5.00
6-00129	60181	H-3	2.69 U	6.58	1.97	11.9	1.00 - 5.00
6-00129	60181	Ho-166m	0.0021 U	0.0161	0.0048	0.0432	1.00 - 5.00
6-00129	60181	K-40	19.7	0.0715	1.14	32.4	1.00 - 5.00
6-00129	60181	Na-22	-0.0005 U	0.0128	0.0042	0.037	1.00 - 5.00
6-00129	60181	Nb-94	0.0077 SJ	0.0093	0.0033	0.0214	1.00 - 5.00
6-00129	60181	Ni-59	0.613 U	4.88	1.31	5.96	1.00 - 5.00
6-00129	60181	Ni-63	-0.647 U	1.46	0.426	4.92	1.00 - 5.00
6-00129	60181	Np-236	0.0007 U	0.0231	0.0084	0.047	1.00 - 5.00
6-00129	60181	Np-239	0.0358 U	0.0794	0.0254	0.139	1.00 - 5.00
6-00129	60181	Pa-231	-0.111 U	0.487	0.165	0.936	1.00 - 5.00
6-00129	60181	Pb-212	1.08	0.0204	0.065	2.69	1.00 - 5.00
6-00129	60181	Pb-214	0.768	0.0204	0.0365	1.7	1.00 - 5.00
6-00129	60181	Pu-236	0.0077	0.007	0.0045	7.79	1.00 - 5.00
6-00129	60181	Pu-238	-0.0035 U	0.0194	0.0035	0.0415	1.00 - 5.00
6-00129	60181	Pu-239/240	0.0038 U	0.0193	0.0049	0.0404	1.00 - 5.00
6-00129	60181	Pu-244	0	0.0066	0.0025	0.0313	1.00 - 5.00
6-00129	60181	Sb-125	0.0128 U	0.0274	0.0085	0.354	1.00 - 5.00
6-00129	60181	Sn-126	0.0079 J	0.0103	0.0035	0.0237	1.00 - 5.00
6-00129	60181	Sr-90	0.0223 U	0.197	0.0541	0.485	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00129	60181	Tc-99	0.2 U	1.31	0.391	1.63	1.00 - 5.00
6-00129	60181	Th-228	1.08	0.0722	0.113	3.98	1.00 - 5.00
6-00129	60181	Th-229	0.0435	0.0196	0.0179	0.145	1.00 - 5.00
6-00129	60181	Th-230	0.861	0.0779	0.0955	2.2	1.00 - 5.00
6-00129	60181	Th-232	1.21	0.0531	0.118	3.1	1.00 - 5.00
6-00129	60181	Th-234	1.3	0.181	0.111	3.19	1.00 - 5.00
6-00129	60181	Tl-208	0.328	0.0099	0.018	0.937	1.00 - 5.00
6-00129	60181	Tm-171	-4.88 U	8.52	3.1	72.4	1.00 - 5.00
6-00129	60181	U-233/234	0.928	0.051	0.0971	2.02	1.00 - 5.00
6-00129	60181	U-235/236	0.0583	0.04	0.0208	0.151	1.00 - 5.00
6-00129	60181	U-238	1.02	0.0138	0.103	1.8	1.00 - 5.00
6-00130	60182	Ac-227	-0.0445 U	0.205	0.0616	0.217	0.00 - 0.50
6-00130	60182	Ac-228	1.39	0.114	0.0677	2.4	0.00 - 0.50
6-00130	60182	Am-241	0	0.0062	0.0023	0.0454	0.00 - 0.50
6-00130	60182	Bi-212	1.13	0.163	0.106	2.15	0.00 - 0.50
6-00130	60182	Bi-214	1.09	0.0343	0.0524	1.59	0.00 - 0.50
6-00130	60182	C-14	0.518	0.717	0.221	2.96	0.00 - 0.50
6-00130	60182	Cd-113m	4.23 U	142	43.3	3030	0.00 - 0.50
6-00130	60182	Cm-243/244	0.003 U	0.0148	0.0037	0.0443	0.00 - 0.50
6-00130	60182	Co-60	0.0033 U	0.0218	0.0063	0.028	0.00 - 0.50
6-00130	60182	Cs-134	0.0063 U	0.0188	0.0063	0.0864	0.00 - 0.50
6-00130	60182	Cs-137	0.355	0.0215	0.0231	0.207	0.00 - 0.50
6-00130	60182	Eu-152	0.0069 U	0.0531	0.018	0.0566	0.00 - 0.50
6-00130	60182	Eu-154	-0.0664 U	0.113	0.0372	0.15	0.00 - 0.50
6-00130	60182	Eu-155	0.109 JS	0.0734	0.0313	0.231	0.00 - 0.50
6-00130	60182	H-3	2.7 U	8.02	2.36	11.9	0.00 - 0.50
6-00130	60182	Ho-166m	-0.0131 U	0.0304	0.0097	0.0432	0.00 - 0.50
6-00130	60182	K-40	24.8	0.166	1.35	32.4	0.00 - 0.50
6-00130	60182	Na-22	-0.0052 U	0.0253	0.0076	0.037	0.00 - 0.50
6-00130	60182	Nb-94	0.0131 JS	0.0187	0.0061	0.0214	0.00 - 0.50
6-00130	60182	Ni-59	0.635 UJ	2.73	0.736	5.96	0.00 - 0.50
6-00130	60182	Ni-63	-0.483 U	1.17	0.341	4.92	0.00 - 0.50
6-00130	60182	Np-236	0.0087 U	0.0397	0.0122	0.047	0.00 - 0.50
6-00130	60182	Np-239	-0.0001 U	0.141	0.0412	0.139	0.00 - 0.50
6-00130	60182	Pa-231	0.145 U	0.887	0.272	0.936	0.00 - 0.50
6-00130	60182	Pb-212	1.56	0.0391	0.0904	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00130	60182	Pb-214	1.13	0.0374	0.0555	1.7	0.00 - 0.50
6-00130	60182	Pu-236	-0.0036 U	0.0243	0.0048	7.79	0.00 - 0.50
6-00130	60182	Pu-238	-0.0055 U	0.0228	0.004	0.0415	0.00 - 0.50
6-00130	60182	Pu-239/240	-0.0083 U	0.0381	0.009	0.0404	0.00 - 0.50
6-00130	60182	Pu-244	-0.0009 U	0.0165	0.003	0.0313	0.00 - 0.50
6-00130	60182	Sb-125	0.0044 U	0.0541	0.0163	0.354	0.00 - 0.50
6-00130	60182	Sn-126	0.0032 U	0.0202	0.0059	0.0237	0.00 - 0.50
6-00130	60182	Sr-90	-0.0218 U	0.243	0.0619	0.485	0.00 - 0.50
6-00130	60182	Tc-99	0.14 U	1.48	0.442	1.63	0.00 - 0.50
6-00130	60182	Th-228	1.35	0.0937	0.13	3.98	0.00 - 0.50
6-00130	60182	Th-229	0.0282	0.0655	0.02	0.145	0.00 - 0.50
6-00130	60182	Th-230	0.943	0.0191	0.0977	2.2	0.00 - 0.50
6-00130	60182	Th-232	1.21	0.0516	0.116	3.1	0.00 - 0.50
6-00130	60182	Th-234	1.59	0.306	0.158	3.19	0.00 - 0.50
6-00130	60182	Tl-208	0.485	0.0212	0.0298	0.937	0.00 - 0.50
6-00130	60182	Tm-171	-4.4 U	13.5	4.63	72.4	0.00 - 0.50
6-00130	60182	U-233/234	1.05	0.024	0.097	2.02	0.00 - 0.50
6-00130	60182	U-235/236	0.0651	0.0126	0.018	0.151	0.00 - 0.50
6-00130	60182	U-238	0.991	0.024	0.093	1.8	0.00 - 0.50
6-00130	60183	Ac-227	-0.0014 U	0.146	0.0425	0.217	1.00 - 5.00
6-00130	60183	Ac-228	0.876	0.076	0.0438	2.4	1.00 - 5.00
6-00130	60183	Am-241	0.004 U	0.0148	0.004	0.0454	1.00 - 5.00
6-00130	60183	Bi-212	0.746	0.0942	0.063	2.15	1.00 - 5.00
6-00130	60183	Bi-214	0.728	0.0221	0.035	1.59	1.00 - 5.00
6-00130	60183	C-14	-0.381 U	0.998	0.288	2.96	1.00 - 5.00
6-00130	60183	Cd-113m	-13.6 U	95.1	31.6	3030	1.00 - 5.00
6-00130	60183	Cm-243/244	0.0067	0.0149	0.0048	0.0443	1.00 - 5.00
6-00130	60183	Co-60	-0.0019 U	0.0137	0.0042	0.028	1.00 - 5.00
6-00130	60183	Cs-134	0.0033 U	0.011	0.0038	0.0864	1.00 - 5.00
6-00130	60183	Cs-137	0.0176	0.0133	0.0047	0.207	1.00 - 5.00
6-00130	60183	Eu-152	0.0107 U	0.0359	0.0115	0.0566	1.00 - 5.00
6-00130	60183	Eu-154	-0.0155 U	0.0803	0.0241	0.15	1.00 - 5.00
6-00130	60183	Eu-155	0.0297 SJ	0.0522	0.017	0.231	1.00 - 5.00
6-00130	60183	H-3	1.58 U	7.58	2.16	11.9	1.00 - 5.00
6-00130	60183	Ho-166m	-0.014 U	0.0194	0.007	0.0432	1.00 - 5.00
6-00130	60183	K-40	19.3	0.0948	1.08	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00130	60183	Na-22	-0.0036 U	0.0166	0.0059	0.037	1.00 - 5.00
6-00130	60183	Nb-94	0.0097 SJ	0.0123	0.0042	0.0214	1.00 - 5.00
6-00130	60183	Ni-59	-6.16 UJ	4.22	2.12	5.96	1.00 - 5.00
6-00130	60183	Ni-63	0.801	1.16	0.365	4.92	1.00 - 5.00
6-00130	60183	Np-236	-0.0046 U	0.0278	0.0095	0.047	1.00 - 5.00
6-00130	60183	Np-239	-0.0178 U	0.0987	0.0312	0.139	1.00 - 5.00
6-00130	60183	Pa-231	-0.0535 U	0.606	0.178	0.936	1.00 - 5.00
6-00130	60183	Pb-212	1.06	0.0248	0.0623	2.69	1.00 - 5.00
6-00130	60183	Pb-214	0.813	0.0249	0.0391	1.7	1.00 - 5.00
6-00130	60183	Pu-236	-0.0052 U	0.0219	0.0039	7.79	1.00 - 5.00
6-00130	60183	Pu-238	0.0124	0.015	0.006	0.0415	1.00 - 5.00
6-00130	60183	Pu-239/240	0.0094	0.0064	0.0047	0.0404	1.00 - 5.00
6-00130	60183	Pu-244	0.0023	0.0064	0.0024	0.0313	1.00 - 5.00
6-00130	60183	Sb-125	-0.0143 U	0.0331	0.0106	0.354	1.00 - 5.00
6-00130	60183	Sn-126	-0.002 U	0.0122	0.0038	0.0237	1.00 - 5.00
6-00130	60183	Sr-90	0.11 U	0.198	0.0622	0.485	1.00 - 5.00
6-00130	60183	Tc-99	-0.307 U	0.847	0.228	1.63	1.00 - 5.00
6-00130	60183	Th-228	1.11	0.0645	0.109	3.98	1.00 - 5.00
6-00130	60183	Th-229	0.0397	0.0179	0.0164	0.145	1.00 - 5.00
6-00130	60183	Th-230	0.911	0.0179	0.0934	2.2	1.00 - 5.00
6-00130	60183	Th-232	0.843	0.0612	0.0897	3.1	1.00 - 5.00
6-00130	60183	Th-234	1.26	0.219	0.125	3.19	1.00 - 5.00
6-00130	60183	Tl-208	0.311	0.0123	0.0184	0.937	1.00 - 5.00
6-00130	60183	Tm-171	3.23 U	9.54	3.22	72.4	1.00 - 5.00
6-00130	60183	U-233/234	0.872	0.0466	0.093	2.02	1.00 - 5.00
6-00130	60183	U-235/236	0.029	0.0502	0.017	0.151	1.00 - 5.00
6-00130	60183	U-238	0.74	0.0406	0.0825	1.8	1.00 - 5.00
6-00131	60184	Ac-227	-0.0026 U	0.207	0.0637	0.217	0.00 - 0.50
6-00131	60184	Ac-228	0.983	0.103	0.0507	2.4	0.00 - 0.50
6-00131	60184	Am-241	0.0051	0.007	0.0036	0.0454	0.00 - 0.50
6-00131	60184	Bi-212	0.704 J	0.134	0.0815	2.15	0.00 - 0.50
6-00131	60184	Bi-214	0.754	0.0303	0.0378	1.59	0.00 - 0.50
6-00131	60184	C-14	0.503	0.704	0.217	2.96	0.00 - 0.50
6-00131	60184	Cd-113m	-1.71 U	140	44.8	3030	0.00 - 0.50
6-00131	60184	Cm-243/244	0.0026	0.007	0.0026	0.0443	0.00 - 0.50
6-00131	60184	Co-60	0.0022 U	0.02	0.0058	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00131	60184	Cs-134	0.0011 U	0.017	0.0057	0.0864	0.00 - 0.50
6-00131	60184	Cs-137	0.535	0.0178	0.0313	0.207	0.00 - 0.50
6-00131	60184	Eu-152	-0.0338 U	0.0509	0.0206	0.0566	0.00 - 0.50
6-00131	60184	Eu-154	-0.0402 U	0.103	0.0329	0.15	0.00 - 0.50
6-00131	60184	Eu-155	0.0113 U	0.0774	0.023	0.231	0.00 - 0.50
6-00131	60184	H-3	2.65 U	7.88	2.31	11.9	0.00 - 0.50
6-00131	60184	Ho-166m	0.003 U	0.0278	0.0081	0.0432	0.00 - 0.50
6-00131	60184	K-40	21.7	0.13	1.35	32.4	0.00 - 0.50
6-00131	60184	Na-22	-0.0147 U	0.0217	0.0075	0.037	0.00 - 0.50
6-00131	60184	Nb-94	0.0046 U	0.0155	0.0046	0.0214	0.00 - 0.50
6-00131	60184	Ni-59	1.6 J	3.23	0.923	5.96	0.00 - 0.50
6-00131	60184	Ni-63	0.409 U	1.33	0.403	4.92	0.00 - 0.50
6-00131	60184	Np-236	0.0029 U	0.0406	0.012	0.047	0.00 - 0.50
6-00131	60184	Np-239	-0.0054 U	0.137	0.042	0.139	0.00 - 0.50
6-00131	60184	Pa-231	0.282 U	0.878	0.287	0.936	0.00 - 0.50
6-00131	60184	Pb-212	1.15	0.0364	0.0766	2.69	0.00 - 0.50
6-00131	60184	Pb-214	0.843	0.0367	0.0449	1.7	0.00 - 0.50
6-00131	60184	Pu-236	-0.0009 U	0.0154	0.0028	7.79	0.00 - 0.50
6-00131	60184	Pu-238	0.0023 U	0.0117	0.0029	0.0415	0.00 - 0.50
6-00131	60184	Pu-239/240	-0.0008 U	0.0144	0.0026	0.0404	0.00 - 0.50
6-00131	60184	Pu-244	0.0042	0.0116	0.0034	0.0313	0.00 - 0.50
6-00131	60184	Sb-125	0.0088 U	0.0518	0.0155	0.354	0.00 - 0.50
6-00131	60184	Sn-126	0.0001 U	0.0173	0.005	0.0237	0.00 - 0.50
6-00131	60184	Sr-90	0.523	0.201	0.102	0.485	0.00 - 0.50
6-00131	60184	Tc-99	0.0849 U	1.55	0.46	1.63	0.00 - 0.50
6-00131	60184	Th-228	0.96	0.0906	0.104	3.98	0.00 - 0.50
6-00131	60184	Th-229	0.041	0.0635	0.0217	0.145	0.00 - 0.50
6-00131	60184	Th-230	0.668	0.0633	0.0789	2.2	0.00 - 0.50
6-00131	60184	Th-232	1.12	0.0184	0.109	3.1	0.00 - 0.50
6-00131	60184	Th-234	1.46 J	0.342	0.192	3.19	0.00 - 0.50
6-00131	60184	Tl-208	0.358	0.0172	0.0221	0.937	0.00 - 0.50
6-00131	60184	Tm-171	-6.84 U	20.3	6.96	72.4	0.00 - 0.50
6-00131	60184	U-233/234	0.82	0.0471	0.0932	2.02	0.00 - 0.50
6-00131	60184	U-235/236	0.0443	0.02	0.0184	0.151	0.00 - 0.50
6-00131	60184	U-238	0.86	0.0162	0.096	1.8	0.00 - 0.50
6-00132	60186	Ac-227	-0.141 UJ	0.177	0.0653	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00132	60186	Ac-228	1.02	0.115	0.0516	2.4	0.00 - 0.50
6-00132	60186	Am-241	0.0065	0.0059	0.0038	0.0454	0.00 - 0.50
6-00132	60186	Bi-212	0.912	0.156	0.0909	2.15	0.00 - 0.50
6-00132	60186	Bi-214	0.764	0.0357	0.0394	1.59	0.00 - 0.50
6-00132	60186	C-14	0.168 U	0.693	0.209	2.96	0.00 - 0.50
6-00132	60186	Cd-113m	-7.5 U	122	37.6	3030	0.00 - 0.50
6-00132	60186	Cm-243/244	-0.0016 U	0.014	0.0027	0.0443	0.00 - 0.50
6-00132	60186	Co-60	-0.0002 U	0.0219	0.0063	0.028	0.00 - 0.50
6-00132	60186	Cs-134	0.0169 SK	0.0185	0.0057	0.0864	0.00 - 0.50
6-00132	60186	Cs-137	0.257	0.0188	0.0169	0.207	0.00 - 0.50
6-00132	60186	Eu-152	0.0228 U	0.0493	0.0167	0.0566	0.00 - 0.50
6-00132	60186	Eu-154	-0.0853 UJ	0.116	0.0414	0.15	0.00 - 0.50
6-00132	60186	Eu-155	0.058 JS	0.0518	0.0212	0.231	0.00 - 0.50
6-00132	60186	H-3	2.5 U	7.43	2.18	11.9	0.00 - 0.50
6-00132	60186	Ho-166m	-0.0189 U	0.0292	0.0098	0.0432	0.00 - 0.50
6-00132	60186	K-40	19.7	0.156	1.09	32.4	0.00 - 0.50
6-00132	60186	Na-22	-0.0063 U	0.0261	0.0078	0.037	0.00 - 0.50
6-00132	60186	Nb-94	0.0008 U	0.0176	0.005	0.0214	0.00 - 0.50
6-00132	60186	Ni-59	-0.832 UJ	7.42	2.04	5.96	0.00 - 0.50
6-00132	60186	Ni-63	-0.0797 U	1.37	0.408	4.92	0.00 - 0.50
6-00132	60186	Np-236	-0.0029 U	0.028	0.0083	0.047	0.00 - 0.50
6-00132	60186	Np-239	-0.025 U	0.117	0.0364	0.139	0.00 - 0.50
6-00132	60186	Pa-231	-0.0316 U	0.751	0.233	0.936	0.00 - 0.50
6-00132	60186	Pb-212	1.17	0.0332	0.0668	2.69	0.00 - 0.50
6-00132	60186	Pb-214	0.85	0.0337	0.0416	1.7	0.00 - 0.50
6-00132	60186	Pu-236	-0.0063 U	0.0218	0.0038	7.79	0.00 - 0.50
6-00132	60186	Pu-238	-0.0029 U	0.0161	0.0029	0.0415	0.00 - 0.50
6-00132	60186	Pu-239/240	0.0093	0.016	0.0054	0.0404	0.00 - 0.50
6-00132	60186	Pu-244	0.0122	0.0055	0.005	0.0313	0.00 - 0.50
6-00132	60186	Sb-125	0.0202 U	0.0506	0.0153	0.354	0.00 - 0.50
6-00132	60186	Sn-126	-0.0003 U	0.0197	0.0056	0.0237	0.00 - 0.50
6-00132	60186	Sr-90	0.0978 U	0.191	0.0594	0.485	0.00 - 0.50
6-00132	60186	Tc-99	0.106 U	1.94	0.573	1.63	0.00 - 0.50
6-00132	60186	Th-228	1.19	0.0835	0.12	3.98	0.00 - 0.50
6-00132	60186	Th-229	0.0561	0.0516	0.0224	0.145	0.00 - 0.50
6-00132	60186	Th-230	0.706	0.0189	0.0812	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00132	60186	Th-232	0.857	0.0513	0.0923	3.1	0.00 - 0.50
6-00132	60186	Th-234	1.28	0.213	0.114	3.19	0.00 - 0.50
6-00132	60186	Tl-208	0.394	0.0188	0.0253	0.937	0.00 - 0.50
6-00132	60186	Tm-171	-1.46 U	6.86	2.23	72.4	0.00 - 0.50
6-00132	60186	U-233/234	0.824	0.0467	0.1	2.02	0.00 - 0.50
6-00132	60186	U-235/236	0.0387	0.0577	0.0215	0.151	0.00 - 0.50
6-00132	60186	U-238	0.916	0.0735	0.109	1.8	0.00 - 0.50
6-00133	60188	Ac-227	0.0141 U	0.165	0.0483	0.217	0.00 - 0.50
6-00133	60188	Ac-228	1.07	0.0892	0.0511	2.4	0.00 - 0.50
6-00133	60188	Am-241	0.0027	0.0072	0.0027	0.0454	0.00 - 0.50
6-00133	60188	Bi-212	0.849	0.114	0.074	2.15	0.00 - 0.50
6-00133	60188	Bi-214	0.88	0.0257	0.041	1.59	0.00 - 0.50
6-00133	60188	C-14	0.484	0.867	0.265	2.96	0.00 - 0.50
6-00133	60188	Cd-113m	-40.1 U	108	34.5	3030	0.00 - 0.50
6-00133	60188	Cm-243/244	0.0134	0.0072	0.006	0.0443	0.00 - 0.50
6-00133	60188	Co-60	-0.0009 U	0.0161	0.0047	0.028	0.00 - 0.50
6-00133	60188	Cs-134	0.0056 U	0.0136	0.0048	0.0864	0.00 - 0.50
6-00133	60188	Cs-137	0.422	0.0173	0.0243	0.207	0.00 - 0.50
6-00133	60188	Eu-152	0.0138 U	0.0406	0.0127	0.0566	0.00 - 0.50
6-00133	60188	Eu-154	-0.0362 U	0.0825	0.0265	0.15	0.00 - 0.50
6-00133	60188	Eu-155	0.0495 JS	0.0591	0.0212	0.231	0.00 - 0.50
6-00133	60188	H-3	1.11 U	9.61	2.62	11.9	0.00 - 0.50
6-00133	60188	Ho-166m	-0.0082 UJ	0.0218	0.0067	0.0432	0.00 - 0.50
6-00133	60188	K-40	22.8	0.103	1.28	32.4	0.00 - 0.50
6-00133	60188	Na-22	-0.0088 U	0.0188	0.0066	0.037	0.00 - 0.50
6-00133	60188	Nb-94	0.0043 U	0.0132	0.0039	0.0214	0.00 - 0.50
6-00133	60188	Ni-59	3.28 J	5.04	1.4	5.96	0.00 - 0.50
6-00133	60188	Ni-63	0.0339 U	1.4	0.416	4.92	0.00 - 0.50
6-00133	60188	Np-236	-0.0114 U	0.0298	0.0096	0.047	0.00 - 0.50
6-00133	60188	Np-239	0.0211 U	0.109	0.0321	0.139	0.00 - 0.50
6-00133	60188	Pa-231	0.0555 U	0.671	0.204	0.936	0.00 - 0.50
6-00133	60188	Pb-212	1.23	0.0286	0.0744	2.69	0.00 - 0.50
6-00133	60188	Pb-214	0.94	0.0282	0.0458	1.7	0.00 - 0.50
6-00133	60188	Pu-236	0.003 U	0.0382	0.0096	7.79	0.00 - 0.50
6-00133	60188	Pu-238	0.0074 U	0.0228	0.0065	0.0415	0.00 - 0.50
6-00133	60188	Pu-239/240	0.0045 U	0.0227	0.0058	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00133	60188	Pu-244	-0.0021 U	0.0183	0.0036	0.0313	0.00 - 0.50
6-00133	60188	Sb-125	-0.005 U	0.0393	0.0119	0.354	0.00 - 0.50
6-00133	60188	Sn-126	-0.0001 U	0.0143	0.0042	0.0237	0.00 - 0.50
6-00133	60188	Sr-90	0.179	0.183	0.0646	0.485	0.00 - 0.50
6-00133	60188	Tc-99	0.258 U	1.28	0.382	1.63	0.00 - 0.50
6-00133	60188	Th-228	1.3	0.141	0.14	3.98	0.00 - 0.50
6-00133	60188	Th-229	0.0254 U	0.0913	0.0255	0.145	0.00 - 0.50
6-00133	60188	Th-230	0.846	0.0911	0.101	2.2	0.00 - 0.50
6-00133	60188	Th-232	0.835	0.0229	0.0982	3.1	0.00 - 0.50
6-00133	60188	Th-234	1.24	0.235	0.12	3.19	0.00 - 0.50
6-00133	60188	Tl-208	0.385	0.0146	0.022	0.937	0.00 - 0.50
6-00133	60188	Tm-171	-1.57 U	9.53	3.23	72.4	0.00 - 0.50
6-00133	60188	U-233/234	0.723	0.0154	0.0833	2.02	0.00 - 0.50
6-00133	60188	U-235/236	0.0491	0.019	0.0189	0.151	0.00 - 0.50
6-00133	60188	U-238	0.783	0.0154	0.0881	1.8	0.00 - 0.50
6-00134	60190	Ac-227	-0.0772 U	0.233	0.072	0.217	0.00 - 0.50
6-00134	60190	Ac-228	1.21	0.123	0.0647	2.4	0.00 - 0.50
6-00134	60190	Am-241	0.0085 UJ	0.0262	0.0075	0.0454	0.00 - 0.50
6-00134	60190	Bi-212	0.836 J	0.176	0.0972	2.15	0.00 - 0.50
6-00134	60190	Bi-214	1.01	0.0388	0.0505	1.59	0.00 - 0.50
6-00134	60190	C-14	0.298 U	0.848	0.257	2.96	0.00 - 0.50
6-00134	60190	Cd-113m	70 U	165	52.4	3030	0.00 - 0.50
6-00134	60190	Cm-243/244	0.0008 UJ	0.0439	0.0107	0.0443	0.00 - 0.50
6-00134	60190	Co-60	-0.0029 U	0.0223	0.0066	0.028	0.00 - 0.50
6-00134	60190	Cs-134	0.0148 JS	0.021	0.0076	0.0864	0.00 - 0.50
6-00134	60190	Cs-137	0.935	0.0223	0.0537	0.207	0.00 - 0.50
6-00134	60190	Eu-152	-0.0155 U	0.061	0.0203	0.0566	0.00 - 0.50
6-00134	60190	Eu-154	-0.0495 U	0.122	0.0382	0.15	0.00 - 0.50
6-00134	60190	Eu-155	0.0647 JS	0.0843	0.0316	0.231	0.00 - 0.50
6-00134	60190	H-3	3.3 U	7.63	2.3	11.9	0.00 - 0.50
6-00134	60190	Ho-166m	-0.0167 UJ	0.0327	0.0107	0.0432	0.00 - 0.50
6-00134	60190	K-40	22.9	0.177	1.39	32.4	0.00 - 0.50
6-00134	60190	Na-22	-0.0111 U	0.0276	0.0088	0.037	0.00 - 0.50
6-00134	60190	Nb-94	0.0028 U	0.0191	0.0056	0.0214	0.00 - 0.50
6-00134	60190	Ni-59	0.379 U	5.65	1.42	5.96	0.00 - 0.50
6-00134	60190	Ni-63	-0.176 U	1.41	0.417	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00134	60190	Np-236	0.0129 U	0.0452	0.014	0.047	0.00 - 0.50
6-00134	60190	Np-239	-0.0465 U	0.158	0.0481	0.139	0.00 - 0.50
6-00134	60190	Pa-231	0.0018 U	1.01	0.298	0.936	0.00 - 0.50
6-00134	60190	Pb-212	1.48	0.0438	0.1	2.69	0.00 - 0.50
6-00134	60190	Pb-214	1.11	0.0416	0.0597	1.7	0.00 - 0.50
6-00134	60190	Pu-236	-0.0163 U	0.0527	0.0112	7.79	0.00 - 0.50
6-00134	60190	Pu-238	0.0114 U	0.043	0.0121	0.0415	0.00 - 0.50
6-00134	60190	Pu-239/240	0.0047 U	0.0237	0.006	0.0404	0.00 - 0.50
6-00134	60190	Pu-244	0	0.0081	0.003	0.0313	0.00 - 0.50
6-00134	60190	Sb-125	0.0003 U	0.0626	0.019	0.354	0.00 - 0.50
6-00134	60190	Sn-126	-0.0036 U	0.021	0.0063	0.0237	0.00 - 0.50
6-00134	60190	Sr-90	1.07	0.148	0.131	0.485	0.00 - 0.50
6-00134	60190	Tc-99	-0.269 U	1.21	0.35	1.63	0.00 - 0.50
6-00134	60190	Th-228	1.03	0.118	0.122	3.98	0.00 - 0.50
6-00134	60190	Th-229	-0.0267 UJ	0.133	0.0295	0.145	0.00 - 0.50
6-00134	60190	Th-230	0.807	0.0824	0.0995	2.2	0.00 - 0.50
6-00134	60190	Th-232	1.06	0.0821	0.118	3.1	0.00 - 0.50
6-00134	60190	Th-234	1.64 J	0.438	0.429	3.19	0.00 - 0.50
6-00134	60190	Tl-208	0.484	0.0221	0.0299	0.937	0.00 - 0.50
6-00134	60190	Tm-171	-5.1 U	19.5	5.95	72.4	0.00 - 0.50
6-00134	60190	U-233/234	0.885	0.0609	0.0994	2.02	0.00 - 0.50
6-00134	60190	U-235/236	0.0246	0.0478	0.0161	0.151	0.00 - 0.50
6-00134	60190	U-238	0.924	0.0387	0.102	1.8	0.00 - 0.50
6-00135	60192	Ac-227	0.032 U	0.186	0.0564	0.217	1.00 - 5.00
6-00135	60192	Ac-228	1.39	0.09	0.0677	2.4	1.00 - 5.00
6-00135	60192	Am-241	0.0103	0.007	0.0052	0.0454	1.00 - 5.00
6-00135	60192	Bi-212	0.968	0.128	0.0879	2.15	1.00 - 5.00
6-00135	60192	Bi-214	0.978	0.0278	0.0459	1.59	1.00 - 5.00
6-00135	60192	C-14	0.226 U	0.836	0.252	2.96	1.00 - 5.00
6-00135	60192	Cd-113m	-84.6 U	119	44.9	3030	1.00 - 5.00
6-00135	60192	Cm-243/244	-0.0013 U	0.0199	0.0035	0.0443	1.00 - 5.00
6-00135	60192	Co-60	-0.0014 U	0.017	0.0051	0.028	1.00 - 5.00
6-00135	60192	Cs-134	0 U	0.0142	0.0049	0.0864	1.00 - 5.00
6-00135	60192	Cs-137	-0.0076 U	0.0158	0.0059	0.207	1.00 - 5.00
6-00135	60192	Eu-152	-0.0226 U	0.0443	0.0169	0.0566	1.00 - 5.00
6-00135	60192	Eu-154	-0.0896 UJ	0.0859	0.0342	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00135	60192	Eu-155	0.108 JS	0.0638	0.0257	0.231	1.00 - 5.00
6-00135	60192	H-3	3.1	6.93	2.09	11.9	1.00 - 5.00
6-00135	60192	Ho-166m	-0.0173 U	0.0249	0.0088	0.0432	1.00 - 5.00
6-00135	60192	K-40	20.1	0.132	1.2	32.4	1.00 - 5.00
6-00135	60192	Na-22	0.002 U	0.0205	0.0061	0.037	1.00 - 5.00
6-00135	60192	Nb-94	0.0062 U	0.0154	0.0048	0.0214	1.00 - 5.00
6-00135	60192	Ni-59	2.85 J	6.01	1.59	5.96	1.00 - 5.00
6-00135	60192	Ni-63	-0.305 U	1.62	0.472	4.92	1.00 - 5.00
6-00135	60192	Np-236	0.0159 U	0.0347	0.0111	0.047	1.00 - 5.00
6-00135	60192	Np-239	-0.0076 U	0.124	0.0375	0.139	1.00 - 5.00
6-00135	60192	Pa-231	-0.0978 U	0.74	0.235	0.936	1.00 - 5.00
6-00135	60192	Pb-212	1.66	0.0328	0.101	2.69	1.00 - 5.00
6-00135	60192	Pb-214	1.16	0.032	0.0566	1.7	1.00 - 5.00
6-00135	60192	Pu-236	0.0069 UJ	0.0402	0.0107	7.79	1.00 - 5.00
6-00135	60192	Pu-238	0.004 UJ	0.0314	0.0079	0.0415	1.00 - 5.00
6-00135	60192	Pu-239/240	-0.0041 UJ	0.0227	0.0041	0.0404	1.00 - 5.00
6-00135	60192	Pu-244	-0.0041 UJ	0.0227	0.0041	0.0313	1.00 - 5.00
6-00135	60192	Sb-125	-0.0028 U	0.0437	0.0128	0.354	1.00 - 5.00
6-00135	60192	Sn-126	0.0015 U	0.0165	0.0049	0.0237	1.00 - 5.00
6-00135	60192	Sr-90	-0.0339 U	0.194	0.049	0.485	1.00 - 5.00
6-00135	60192	Tc-99	-0.684 U	1.81	0.524	1.63	1.00 - 5.00
6-00135	60192	Th-228	1.52	0.121	0.145	3.98	1.00 - 5.00
6-00135	60192	Th-229	0.0799	0.0782	0.0303	0.145	1.00 - 5.00
6-00135	60192	Th-230	1	0.078	0.105	2.2	1.00 - 5.00
6-00135	60192	Th-232	1.24	0.0196	0.119	3.1	1.00 - 5.00
6-00135	60192	Th-234	1.72	0.264	0.15	3.19	1.00 - 5.00
6-00135	60192	Tl-208	0.479	0.0163	0.0273	0.937	1.00 - 5.00
6-00135	60192	Tm-171	0.357 U	11.6	4.05	72.4	1.00 - 5.00
6-00135	60192	U-233/234	0.845	0.0729	0.103	2.02	1.00 - 5.00
6-00135	60192	U-235/236	0.0654	0.0573	0.0267	0.151	1.00 - 5.00
6-00135	60192	U-238	1.11	0.0463	0.123	1.8	1.00 - 5.00
6-00136	60193	Ac-227	0.0521 U	0.178	0.0551	0.217	1.00 - 5.00
6-00136	60193	Ac-228	1.19	0.0863	0.0572	2.4	1.00 - 5.00
6-00136	60193	Am-241	0.0025 U	0.0225	0.0055	0.0454	1.00 - 5.00
6-00136	60193	Bi-212	0.877	0.131	0.0875	2.15	1.00 - 5.00
6-00136	60193	Bi-214	0.987	0.0285	0.0464	1.59	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00136	60193	C-14	-0.232 U	0.709	0.208	2.96	1.00 - 5.00
6-00136	60193	Cd-113m	28.8 U	116	36	3030	1.00 - 5.00
6-00136	60193	Cm-243/244	0.0042 U	0.0205	0.0054	0.0443	1.00 - 5.00
6-00136	60193	Co-60	0.0034 U	0.0173	0.0051	0.028	1.00 - 5.00
6-00136	60193	Cs-134	-0.001 U	0.0149	0.0052	0.0864	1.00 - 5.00
6-00136	60193	Cs-137	-0.0004 U	0.0159	0.0055	0.207	1.00 - 5.00
6-00136	60193	Eu-152	-0.0307 UJ	0.0426	0.0146	0.0566	1.00 - 5.00
6-00136	60193	Eu-154	-0.0202 U	0.0962	0.029	0.15	1.00 - 5.00
6-00136	60193	Eu-155	0.0527 JS	0.0645	0.0223	0.231	1.00 - 5.00
6-00136	60193	H-3	-0.516 U	7.18	1.83	11.9	1.00 - 5.00
6-00136	60193	Ho-166m	0.0056 U	0.0243	0.0074	0.0432	1.00 - 5.00
6-00136	60193	K-40	22.5	0.125	1.28	32.4	1.00 - 5.00
6-00136	60193	Na-22	0.0036 U	0.0215	0.0064	0.037	1.00 - 5.00
6-00136	60193	Nb-94	0.0099 JS	0.0145	0.0048	0.0214	1.00 - 5.00
6-00136	60193	Ni-59	0.692 U	5.87	1.49	5.96	1.00 - 5.00
6-00136	60193	Ni-63	1.06	1.62	0.505	4.92	1.00 - 5.00
6-00136	60193	Np-236	-0.0216 U	0.0328	0.011	0.047	1.00 - 5.00
6-00136	60193	Np-239	0.0141 U	0.118	0.0358	0.139	1.00 - 5.00
6-00136	60193	Pa-231	0.197 U	0.738	0.229	0.936	1.00 - 5.00
6-00136	60193	Pb-212	1.38	0.0316	0.0826	2.69	1.00 - 5.00
6-00136	60193	Pb-214	1.08	0.031	0.0519	1.7	1.00 - 5.00
6-00136	60193	Pu-236	0.0015 UJ	0.0397	0.0094	7.79	1.00 - 5.00
6-00136	60193	Pu-238	0.0061 UJ	0.0484	0.0128	0.0415	1.00 - 5.00
6-00136	60193	Pu-239/240	-0.0039 UJ	0.0306	0.0054	0.0404	1.00 - 5.00
6-00136	60193	Pu-244	-0.0024 UJ	0.0215	0.0042	0.0313	1.00 - 5.00
6-00136	60193	Sb-125	-0.0102 U	0.0417	0.0126	0.354	1.00 - 5.00
6-00136	60193	Sn-126	-0.006 U	0.0152	0.0049	0.0237	1.00 - 5.00
6-00136	60193	Sr-90	-0.0866 U	0.203	0.048	0.485	1.00 - 5.00
6-00136	60193	Tc-99	-0.299 U	1.29	0.376	1.63	1.00 - 5.00
6-00136	60193	Th-228	1.2	0.0833	0.121	3.98	1.00 - 5.00
6-00136	60193	Th-229	0.0625	0.0645	0.0253	0.145	1.00 - 5.00
6-00136	60193	Th-230	0.957	0.0644	0.0998	2.2	1.00 - 5.00
6-00136	60193	Th-232	1.06	0.0187	0.106	3.1	1.00 - 5.00
6-00136	60193	Th-234	1.52	0.263	0.15	3.19	1.00 - 5.00
6-00136	60193	Tl-208	0.465	0.0163	0.0267	0.937	1.00 - 5.00
6-00136	60193	Tm-171	-5.98 U	12.9	4.74	72.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00136	60193	U-233/234	0.907	0.0563	0.0985	2.02	1.00 - 5.00
6-00136	60193	U-235/236	0.0366	0.0442	0.0179	0.151	1.00 - 5.00
6-00136	60193	U-238	0.931	0.0152	0.0996	1.8	1.00 - 5.00
6-00137	60194	Ac-227	-0.105 U	0.158	0.0543	0.217	1.00 - 2.50
6-00137	60194	Ac-228	0.985	0.0741	0.0511	2.4	1.00 - 2.50
6-00137	60194	Am-241	-0.0053 U	0.0224	0.0039	0.0454	1.00 - 2.50
6-00137	60194	Bi-212	0.639	0.108	0.0612	2.15	1.00 - 2.50
6-00137	60194	Bi-214	0.64	0.0237	0.0319	1.59	1.00 - 2.50
6-00137	60194	C-14	0.231 U	0.897	0.271	2.96	1.00 - 2.50
6-00137	60194	Cd-113m	-35 U	108	36.9	3030	1.00 - 2.50
6-00137	60194	Cm-243/244	0.0017 U	0.0188	0.0044	0.0443	1.00 - 2.50
6-00137	60194	Co-60	0.0022 U	0.0142	0.0041	0.028	1.00 - 2.50
6-00137	60194	Cs-134	-0.0023 U	0.0121	0.0042	0.0864	1.00 - 2.50
6-00137	60194	Cs-137	-0.0027 U	0.0132	0.004	0.207	1.00 - 2.50
6-00137	60194	Eu-152	0.0318 J	0.04	0.0186	0.0566	1.00 - 2.50
6-00137	60194	Eu-154	0.0414 J	0.0802	0.0251	0.15	1.00 - 2.50
6-00137	60194	Eu-155	0.0441 JS	0.0628	0.0219	0.231	1.00 - 2.50
6-00137	60194	H-3	-0.369 U	7.42	1.97	11.9	1.00 - 2.50
6-00137	60194	Ho-166m	-0.0055 U	0.0198	0.0061	0.0432	1.00 - 2.50
6-00137	60194	K-40	16.3	0.0972	1.08	32.4	1.00 - 2.50
6-00137	60194	Na-22	-0.0104 U	0.0157	0.0054	0.037	1.00 - 2.50
6-00137	60194	Nb-94	0.0087 JS	0.0122	0.004	0.0214	1.00 - 2.50
6-00137	60194	Ni-59	-0.75 U	5.15	1.36	5.96	1.00 - 2.50
6-00137	60194	Ni-63	0.588	0.872	0.274	4.92	1.00 - 2.50
6-00137	60194	Np-236	-0.009 U	0.0327	0.0099	0.047	1.00 - 2.50
6-00137	60194	Np-239	-0.0006 U	0.11	0.0329	0.139	1.00 - 2.50
6-00137	60194	Pa-231	0.251 U	0.679	0.239	0.936	1.00 - 2.50
6-00137	60194	Pb-212	1.14	0.0293	0.077	2.69	1.00 - 2.50
6-00137	60194	Pb-214	0.725	0.0274	0.0384	1.7	1.00 - 2.50
6-00137	60194	Pu-236	-0.0018 UJ	0.0501	0.012	7.79	1.00 - 2.50
6-00137	60194	Pu-238	-0.0041 UJ	0.0489	0.0115	0.0415	1.00 - 2.50
6-00137	60194	Pu-239/240	0.0029 UJ	0.0309	0.0073	0.0404	1.00 - 2.50
6-00137	60194	Pu-244	0.001 UJ	0.0218	0.0042	0.0313	1.00 - 2.50
6-00137	60194	Sb-125	0.0045 U	0.0376	0.0114	0.354	1.00 - 2.50
6-00137	60194	Sn-126	-0.0027 U	0.0131	0.0039	0.0237	1.00 - 2.50
6-00137	60194	Sr-90	-0.0126 U	0.218	0.0597	0.485	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00137	60194	Tc-99	-0.615 U	1.3	0.382	1.63	1.00 - 2.50
6-00137	60194	Th-228	1.1	0.0913	0.113	3.98	1.00 - 2.50
6-00137	60194	Th-229	0.0206 U	0.103	0.0283	0.145	1.00 - 2.50
6-00137	60194	Th-230	0.828	0.0636	0.0903	2.2	1.00 - 2.50
6-00137	60194	Th-232	1.18	0.0634	0.114	3.1	1.00 - 2.50
6-00137	60194	Th-234	1.11 J	0.271	0.129	3.19	1.00 - 2.50
6-00137	60194	Tl-208	0.364	0.0129	0.0213	0.937	1.00 - 2.50
6-00137	60194	Tm-171	-5.35 U	13.5	4.95	72.4	1.00 - 2.50
6-00137	60194	U-233/234	0.725	0.0733	0.0865	2.02	1.00 - 2.50
6-00137	60194	U-235/236	0.0459	0.0465	0.0203	0.151	1.00 - 2.50
6-00137	60194	U-238	0.766	0.0466	0.0886	1.8	1.00 - 2.50
6-00138	60195	Ac-227	0.0517 U	0.197	0.0615	0.217	1.00 - 5.00
6-00138	60195	Ac-228	1.07	0.0935	0.0538	2.4	1.00 - 5.00
6-00138	60195	Am-241	0.0005 U	0.0278	0.0068	0.0454	1.00 - 5.00
6-00138	60195	Bi-212	0.809	0.129	0.0718	2.15	1.00 - 5.00
6-00138	60195	Bi-214	0.885	0.0282	0.0432	1.59	1.00 - 5.00
6-00138	60195	C-14	-0.205 U	0.889	0.264	2.96	1.00 - 5.00
6-00138	60195	Cd-113m	-105 UJ	128	50.9	3030	1.00 - 5.00
6-00138	60195	Cm-243/244	0.0055 U	0.017	0.0048	0.0443	1.00 - 5.00
6-00138	60195	Co-60	0.0034 U	0.0183	0.0053	0.028	1.00 - 5.00
6-00138	60195	Cs-134	0.0013 U	0.0146	0.0049	0.0864	1.00 - 5.00
6-00138	60195	Cs-137	0.0015 U	0.017	0.005	0.207	1.00 - 5.00
6-00138	60195	Eu-152	-0.0194 U	0.0466	0.0178	0.0566	1.00 - 5.00
6-00138	60195	Eu-154	-0.0043 U	0.0972	0.0292	0.15	1.00 - 5.00
6-00138	60195	Eu-155	0.0012 U	0.0734	0.0218	0.231	1.00 - 5.00
6-00138	60195	H-3	2.51 U	6.87	2.04	11.9	1.00 - 5.00
6-00138	60195	Ho-166m	0.0045 U	0.025	0.0073	0.0432	1.00 - 5.00
6-00138	60195	K-40	20.1	0.127	1.27	32.4	1.00 - 5.00
6-00138	60195	Na-22	0.0009 U	0.022	0.0064	0.037	1.00 - 5.00
6-00138	60195	Nb-94	0.0108 JS	0.0147	0.0049	0.0214	1.00 - 5.00
6-00138	60195	Ni-59	-0.77 U	5.52	1.47	5.96	1.00 - 5.00
6-00138	60195	Ni-63	-0.308 U	1.13	0.326	4.92	1.00 - 5.00
6-00138	60195	Np-236	0.0109 U	0.0387	0.0117	0.047	1.00 - 5.00
6-00138	60195	Np-239	-0.0506 U	0.128	0.0416	0.139	1.00 - 5.00
6-00138	60195	Pa-231	-0.465 U	0.788	0.282	0.936	1.00 - 5.00
6-00138	60195	Pb-212	1.28	0.0341	0.0859	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00138	60195	Pb-214	0.99	0.0322	0.052	1.7	1.00 - 5.00
6-00138	60195	Pu-236	0.0055 U	0.0351	0.0092	7.79	1.00 - 5.00
6-00138	60195	Pu-238	-0.0052 U	0.0482	0.0119	0.0415	1.00 - 5.00
6-00138	60195	Pu-239/240	0	0.0072	0.0026	0.0404	1.00 - 5.00
6-00138	60195	Pu-244	0.0007 U	0.0168	0.0033	0.0313	1.00 - 5.00
6-00138	60195	Sb-125	0.0115 U	0.0449	0.0135	0.354	1.00 - 5.00
6-00138	60195	Sn-126	-0.0054 U	0.0157	0.0049	0.0237	1.00 - 5.00
6-00138	60195	Sr-90	-0.0009 U	0.167	0.0441	0.485	1.00 - 5.00
6-00138	60195	Tc-99	-0.188 U	1.28	0.378	1.63	1.00 - 5.00
6-00138	60195	Th-228	1.08	0.0548	0.11	3.98	1.00 - 5.00
6-00138	60195	Th-229	0.0269	0.0625	0.0191	0.145	1.00 - 5.00
6-00138	60195	Th-230	0.885	0.0182	0.0925	2.2	1.00 - 5.00
6-00138	60195	Th-232	0.916	0.0492	0.0949	3.1	1.00 - 5.00
6-00138	60195	Th-234	1.35 J	0.32	0.162	3.19	1.00 - 5.00
6-00138	60195	Tl-208	0.391	0.0163	0.0232	0.937	1.00 - 5.00
6-00138	60195	Tm-171	-6.29 U	19	6.51	72.4	1.00 - 5.00
6-00138	60195	U-233/234	0.886	0.071	0.105	2.02	1.00 - 5.00
6-00138	60195	U-235/236	0.0375	0.0558	0.0208	0.151	1.00 - 5.00
6-00138	60195	U-238	0.728	0.0641	0.0916	1.8	1.00 - 5.00
6-00139	60196	Ac-227	0.0283 U	0.153	0.0458	0.217	1.00 - 5.00
6-00139	60196	Ac-228	0.98	0.0747	0.0485	2.4	1.00 - 5.00
6-00139	60196	Am-241	-0.003 U	0.0165	0.003	0.0454	1.00 - 5.00
6-00139	60196	Bi-212	0.786	0.11	0.0672	2.15	1.00 - 5.00
6-00139	60196	Bi-214	0.736	0.0231	0.0359	1.59	1.00 - 5.00
6-00139	60196	C-14	0.168 U	0.705	0.212	2.96	1.00 - 5.00
6-00139	60196	Cd-113m	-2.18 U	101	31.3	3030	1.00 - 5.00
6-00139	60196	Cm-243/244	0.0127	0.0057	0.0052	0.0443	1.00 - 5.00
6-00139	60196	Co-60	0.0009 U	0.0136	0.004	0.028	1.00 - 5.00
6-00139	60196	Cs-134	0.0008 U	0.0119	0.0039	0.0864	1.00 - 5.00
6-00139	60196	Cs-137	0.0036 U	0.0128	0.0043	0.207	1.00 - 5.00
6-00139	60196	Eu-152	-0.0379 UJ	0.0357	0.0157	0.0566	1.00 - 5.00
6-00139	60196	Eu-154	-0.0519 U	0.0748	0.0263	0.15	1.00 - 5.00
6-00139	60196	Eu-155	0.0586 JS	0.0571	0.0223	0.231	1.00 - 5.00
6-00139	60196	H-3	5.49	7.64	2.48	11.9	1.00 - 5.00
6-00139	60196	Ho-166m	-0.0068 U	0.0198	0.0061	0.0432	1.00 - 5.00
6-00139	60196	K-40	19.3	0.0911	1.12	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00139	60196	Na-22	-0.0085 U	0.0165	0.0055	0.037	1.00 - 5.00
6-00139	60196	Nb-94	-0.0039 U	0.0116	0.0036	0.0214	1.00 - 5.00
6-00139	60196	Ni-59	0.294 U	5.42	1.37	5.96	1.00 - 5.00
6-00139	60196	Ni-63	0.322 U	1.66	0.497	4.92	1.00 - 5.00
6-00139	60196	Np-236	-0.0143 U	0.0292	0.0092	0.047	1.00 - 5.00
6-00139	60196	Np-239	0.0272 U	0.102	0.0307	0.139	1.00 - 5.00
6-00139	60196	Pa-231	-0.0124 U	0.613	0.183	0.936	1.00 - 5.00
6-00139	60196	Pb-212	1.12	0.0272	0.072	2.69	1.00 - 5.00
6-00139	60196	Pb-214	0.838	0.0254	0.043	1.7	1.00 - 5.00
6-00139	60196	Pu-236	0.0027 U	0.0349	0.0088	7.79	1.00 - 5.00
6-00139	60196	Pu-238	0 U	0.0392	0.0099	0.0415	1.00 - 5.00
6-00139	60196	Pu-239/240	-0.0074 U	0.0266	0.0049	0.0404	1.00 - 5.00
6-00139	60196	Pu-244	0.0173	0.0067	0.0066	0.0313	1.00 - 5.00
6-00139	60196	Sb-125	0.0076 U	0.0361	0.0109	0.354	1.00 - 5.00
6-00139	60196	Sn-126	0.0007 U	0.013	0.0038	0.0237	1.00 - 5.00
6-00139	60196	Sr-90	-0.0709 U	0.221	0.0511	0.485	1.00 - 5.00
6-00139	60196	Tc-99	-0.345 U	1.36	0.395	1.63	1.00 - 5.00
6-00139	60196	Th-228	1.12	0.144	0.122	3.98	1.00 - 5.00
6-00139	60196	Th-229	0.0444	0.0545	0.0211	0.145	1.00 - 5.00
6-00139	60196	Th-230	1	0.02	0.105	2.2	1.00 - 5.00
6-00139	60196	Th-232	1.09	0.0542	0.111	3.1	1.00 - 5.00
6-00139	60196	Th-234	1.21	0.232	0.116	3.19	1.00 - 5.00
6-00139	60196	Tl-208	0.368	0.0133	0.0219	0.937	1.00 - 5.00
6-00139	60196	Tm-171	-4.95 U	10	3.72	72.4	1.00 - 5.00
6-00139	60196	U-233/234	0.906	0.0482	0.101	2.02	1.00 - 5.00
6-00139	60196	U-235/236	0.0151	0.0205	0.0107	0.151	1.00 - 5.00
6-00139	60196	U-238	0.88	0.0166	0.0983	1.8	1.00 - 5.00
6-00142	60199	Ac-227	-0.0879 U	0.184	0.0586	0.217	0.00 - 0.50
6-00142	60199	Ac-228	1.02	0.0954	0.0521	2.4	0.00 - 0.50
6-00142	60199	Am-241	0.0084	0.0057	0.0042	0.0454	0.00 - 0.50
6-00142	60199	Bi-212	0.813	0.131	0.0796	2.15	0.00 - 0.50
6-00142	60199	Bi-214	0.877	0.0303	0.0422	1.59	0.00 - 0.50
6-00142	60199	C-14	0.625	0.755	0.233	2.96	0.00 - 0.50
6-00142	60199	Cd-113m	-3.17 U	124	36.5	3030	0.00 - 0.50
6-00142	60199	Cm-243/244	0.002 U	0.0262	0.0066	0.0443	0.00 - 0.50
6-00142	60199	Co-60	0.0033 U	0.0189	0.0055	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00142	60199	Cs-134	0.0052 U	0.0158	0.0054	0.0864	0.00 - 0.50
6-00142	60199	Cs-137	0.596	0.0177	0.0341	0.207	0.00 - 0.50
6-00142	60199	Eu-152	-0.003 U	0.0474	0.0154	0.0566	0.00 - 0.50
6-00142	60199	Eu-154	-0.0287 U	0.102	0.0308	0.15	0.00 - 0.50
6-00142	60199	Eu-155	0.0561 JS	0.0653	0.0233	0.231	0.00 - 0.50
6-00142	60199	H-3	0.383 U	8.2	2.21	11.9	0.00 - 0.50
6-00142	60199	Ho-166m	0.0018 UJ	0.026	0.0077	0.0432	0.00 - 0.50
6-00142	60199	K-40	21.2	0.133	1.3	32.4	0.00 - 0.50
6-00142	60199	Na-22	-0.0017 U	0.0227	0.0079	0.037	0.00 - 0.50
6-00142	60199	Nb-94	0.0091 JS	0.0151	0.0048	0.0214	0.00 - 0.50
6-00142	60199	Ni-59	0.0358 U	4.74	1.33	5.96	0.00 - 0.50
6-00142	60199	Ni-63	-0.369 U	1.43	0.419	4.92	0.00 - 0.50
6-00142	60199	Np-236	-0.0004 U	0.0337	0.0102	0.047	0.00 - 0.50
6-00142	60199	Np-239	0.0501 U	0.121	0.0367	0.139	0.00 - 0.50
6-00142	60199	Pa-231	0.0841 U	0.764	0.233	0.936	0.00 - 0.50
6-00142	60199	Pb-212	1.18	0.0318	0.071	2.69	0.00 - 0.50
6-00142	60199	Pb-214	0.938	0.0339	0.0462	1.7	0.00 - 0.50
6-00142	60199	Pu-236	-0.0053 U	0.0392	0.0086	7.79	0.00 - 0.50
6-00142	60199	Pu-238	-0.0045 U	0.0306	0.006	0.0415	0.00 - 0.50
6-00142	60199	Pu-239/240	-0.0012 U	0.0221	0.004	0.0404	0.00 - 0.50
6-00142	60199	Pu-244	0.0028	0.0076	0.0028	0.0313	0.00 - 0.50
6-00142	60199	Sb-125	-0.0151 U	0.0455	0.0144	0.354	0.00 - 0.50
6-00142	60199	Sn-126	0.0052 U	0.0168	0.005	0.0237	0.00 - 0.50
6-00142	60199	Sr-90	0.56	0.142	0.0848	0.485	0.00 - 0.50
6-00142	60199	Tc-99	0.288 U	1.43	0.43	1.63	0.00 - 0.50
6-00142	60199	Th-228	1.11	0.0614	0.118	3.98	0.00 - 0.50
6-00142	60199	Th-229	0 U	0.0814	0.0185	0.145	0.00 - 0.50
6-00142	60199	Th-230	0.687	0.0812	0.0848	2.2	0.00 - 0.50
6-00142	60199	Th-232	1.05	0.0554	0.109	3.1	0.00 - 0.50
6-00142	60199	Th-234	1.53	0.271	0.152	3.19	0.00 - 0.50
6-00142	60199	Tl-208	0.346	0.0176	0.0214	0.937	0.00 - 0.50
6-00142	60199	Tm-171	-1.12 U	14.2	4.64	72.4	0.00 - 0.50
6-00142	60199	U-233/234	0.801	0.0446	0.0968	2.02	0.00 - 0.50
6-00142	60199	U-235/236	0.0544	0.0552	0.0241	0.151	0.00 - 0.50
6-00142	60199	U-238	0.8	0.0703	0.0976	1.8	0.00 - 0.50
6-00142	60200	Ac-227	0.0315 U	0.138	0.0416	0.217	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00142	60200	Ac-228	0.956	0.0668	0.0462	2.4	1.00 - 2.00
6-00142	60200	Am-241	0.0045 U	0.014	0.004	0.0454	1.00 - 2.00
6-00142	60200	Bi-212	0.747	0.0916	0.0575	2.15	1.00 - 2.00
6-00142	60200	Bi-214	0.71	0.0209	0.0327	1.59	1.00 - 2.00
6-00142	60200	C-14	0.237 U	0.876	0.265	2.96	1.00 - 2.00
6-00142	60200	Cd-113m	-31.2 U	91.5	28.6	3030	1.00 - 2.00
6-00142	60200	Cm-243/244	-0.0008 U	0.0141	0.0026	0.0443	1.00 - 2.00
6-00142	60200	Co-60	-0.0003 U	0.0125	0.0037	0.028	1.00 - 2.00
6-00142	60200	Cs-134	0.002 U	0.0106	0.0036	0.0864	1.00 - 2.00
6-00142	60200	Cs-137	0.548	0.0122	0.0303	0.207	1.00 - 2.00
6-00142	60200	Eu-152	-0.0047 U	0.034	0.0119	0.0566	1.00 - 2.00
6-00142	60200	Eu-154	-0.0303 U	0.0665	0.0212	0.15	1.00 - 2.00
6-00142	60200	Eu-155	0.0382 JS	0.0497	0.0176	0.231	1.00 - 2.00
6-00142	60200	H-3	-1.06 U	7.09	1.86	11.9	1.00 - 2.00
6-00142	60200	Ho-166m	0.0022 U	0.0183	0.0055	0.0432	1.00 - 2.00
6-00142	60200	K-40	20.1	0.086	1.23	32.4	1.00 - 2.00
6-00142	60200	Na-22	-0.0068 U	0.0151	0.0049	0.037	1.00 - 2.00
6-00142	60200	Nb-94	0.002 U	0.0102	0.0031	0.0214	1.00 - 2.00
6-00142	60200	Ni-59	-6.25 LU	6.5	2.57	5.96	1.00 - 2.00
6-00142	60200	Ni-63	0.619 U	1.51	0.459	4.92	1.00 - 2.00
6-00142	60200	Np-236	0.0014 UJ	0.0261	0.0081	0.047	1.00 - 2.00
6-00142	60200	Np-239	-0.0066 U	0.0912	0.0272	0.139	1.00 - 2.00
6-00142	60200	Pa-231	-0.308 UJ	0.565	0.193	0.936	1.00 - 2.00
6-00142	60200	Pb-212	1.1	0.0238	0.0706	2.69	1.00 - 2.00
6-00142	60200	Pb-214	0.798	0.0243	0.0387	1.7	1.00 - 2.00
6-00142	60200	Pu-236	-0.0044 UJ	0.0298	0.0059	7.79	1.00 - 2.00
6-00142	60200	Pu-238	-0.0098 UJ	0.0339	0.0064	0.0415	1.00 - 2.00
6-00142	60200	Pu-239/240	-0.0019 UJ	0.0165	0.0032	0.0404	1.00 - 2.00
6-00142	60200	Pu-244	0.0007 UJ	0.0165	0.0032	0.0313	1.00 - 2.00
6-00142	60200	Sb-125	0.0079 U	0.0333	0.0103	0.354	1.00 - 2.00
6-00142	60200	Sn-126	0.0002 U	0.0116	0.0035	0.0237	1.00 - 2.00
6-00142	60200	Sr-90	0.934	0.119	0.104	0.485	1.00 - 2.00
6-00142	60200	Tc-99	-0.428 U	1.18	0.344	1.63	1.00 - 2.00
6-00142	60200	Th-228	1.2	0.0947	0.124	3.98	1.00 - 2.00
6-00142	60200	Th-229	0.0146 U	0.103	0.0273	0.145	1.00 - 2.00
6-00142	60200	Th-230	0.815	0.0535	0.0923	2.2	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00142	60200	Th-232	1.02	0.0534	0.106	3.1	1.00 - 2.00
6-00142	60200	Th-234	1.3 J	0.215	0.136	3.19	1.00 - 2.00
6-00142	60200	Tl-208	0.343	0.0114	0.0195	0.937	1.00 - 2.00
6-00142	60200	Tm-171	-2.31 U	11.4	3.9	72.4	1.00 - 2.00
6-00142	60200	U-233/234	0.915	0.0517	0.0968	2.02	1.00 - 2.00
6-00142	60200	U-235/236	0.029	0.0502	0.017	0.151	1.00 - 2.00
6-00142	60200	U-238	0.977	0.0406	0.101	1.8	1.00 - 2.00
6-00143	60201	Ac-227	0.0083 U	0.129	0.0392	0.217	0.00 - 0.50
6-00143	60201	Ac-228	1.13	0.0623	0.0534	2.4	0.00 - 0.50
6-00143	60201	Am-241	0.0116	0.0123	0.005	0.0454	0.00 - 0.50
6-00143	60201	Am-241	0.0116	0.0123	0.005	0.0454	0.00 - 0.50
6-00143	60201	Bi-212	0.787	0.0849	0.0581	2.15	0.00 - 0.50
6-00143	60201	Bi-214	0.873	0.0205	0.0393	1.59	0.00 - 0.50
6-00143	60201	C-14	-0.284 U	0.805	0.237	2.96	0.00 - 0.50
6-00143	60201	C-14	-0.284 U	0.805	0.237	2.96	0.00 - 0.50
6-00143	60201	Cd-113m	-55.2 U	83.3	29.8	3030	0.00 - 0.50
6-00143	60201	Cm-243/244	0.0067 U	0.0201	0.0058	0.0443	0.00 - 0.50
6-00143	60201	Cm-243/244	0.0067 U	0.0201	0.0058	0.0443	0.00 - 0.50
6-00143	60201	Co-60	-0.0001 U	0.0119	0.0036	0.028	0.00 - 0.50
6-00143	60201	Cs-134	0.0066 SJ	0.0104	0.0038	0.0864	0.00 - 0.50
6-00143	60201	Cs-137	0.189	0.011	0.0112	0.207	0.00 - 0.50
6-00143	60201	Eu-152	0.0075 U	0.0307	0.0129	0.0566	0.00 - 0.50
6-00143	60201	Eu-154	0.029 UJ	0.0643	0.0225	0.15	0.00 - 0.50
6-00143	60201	Eu-155	0.0665 SJ	0.0433	0.0173	0.231	0.00 - 0.50
6-00143	60201	H-3	-0.375 U	8.07	2.38	11.9	0.00 - 0.50
6-00143	60201	H-3	-0.375 U	8.07	2.38	11.9	0.00 - 0.50
6-00143	60201	Ho-166m	0.0076 U	0.0176	0.0055	0.0432	0.00 - 0.50
6-00143	60201	K-40	23.6	0.0803	1.4	32.4	0.00 - 0.50
6-00143	60201	Na-22	-0.0016 U	0.0143	0.0043	0.037	0.00 - 0.50
6-00143	60201	Nb-94	0.0054 SJ	0.0102	0.0033	0.0214	0.00 - 0.50
6-00143	60201	Ni-59	-0.52 UJ	1.02	0.363	5.96	0.00 - 0.50
6-00143	60201	Ni-59	-0.52 UJ	1.02	0.363	5.96	0.00 - 0.50
6-00143	60201	Ni-63	0 U	1.1	0.328	4.92	0.00 - 0.50
6-00143	60201	Ni-63	0 U	1.1	0.328	4.92	0.00 - 0.50
6-00143	60201	Np-236	-0.011 U	0.0238	0.0078	0.047	0.00 - 0.50
6-00143	60201	Np-239	-0.0029 U	0.0861	0.0261	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00143	60201	Pa-231	-0.13 U	0.526	0.165	0.936	0.00 - 0.50
6-00143	60201	Pb-212	1.27	0.0224	0.077	2.69	0.00 - 0.50
6-00143	60201	Pb-214	0.997	0.0218	0.0475	1.7	0.00 - 0.50
6-00143	60201	Pu-236	0.0099 UJ	0.0348	0.0099	7.79	0.00 - 0.50
6-00143	60201	Pu-236	0.0099 UJ	0.0348	0.0099	7.79	0.00 - 0.50
6-00143	60201	Pu-238	-0.0047 UJ	0.0424	0.0105	0.0415	0.00 - 0.50
6-00143	60201	Pu-238	-0.0047 UJ	0.0424	0.0105	0.0415	0.00 - 0.50
6-00143	60201	Pu-239/240	0.0023 UJ	0.0172	0.004	0.0404	0.00 - 0.50
6-00143	60201	Pu-239/240	0.0023 UJ	0.0172	0.004	0.0404	0.00 - 0.50
6-00143	60201	Pu-244	0.0023	0.0063	0.0023	0.0313	0.00 - 0.50
6-00143	60201	Pu-244	0.0023	0.0063	0.0023	0.0313	0.00 - 0.50
6-00143	60201	Sb-125	-0.0013 U	0.03	0.0089	0.354	0.00 - 0.50
6-00143	60201	Sn-126	-0.0002 U	0.0113	0.0034	0.0237	0.00 - 0.50
6-00143	60201	Sr-90	0.154 U	0.262	0.0823	0.485	0.00 - 0.50
6-00143	60201	Sr-90	0.154 U	0.262	0.0823	0.485	0.00 - 0.50
6-00143	60201	Tc-99	-0.201 U	1.32	0.381	1.63	0.00 - 0.50
6-00143	60201	Tc-99	-0.201 U	1.32	0.381	1.63	0.00 - 0.50
6-00143	60201	Th-228	1.14	0.06	0.119	3.98	0.00 - 0.50
6-00143	60201	Th-228	1.14	0.06	0.119	3.98	0.00 - 0.50
6-00143	60201	Th-229	0.0152 U	0.0914	0.0241	0.145	0.00 - 0.50
6-00143	60201	Th-229	0.0152 U	0.0914	0.0241	0.145	0.00 - 0.50
6-00143	60201	Th-230	0.79	0.0705	0.092	2.2	0.00 - 0.50
6-00143	60201	Th-230	0.79	0.0705	0.092	2.2	0.00 - 0.50
6-00143	60201	Th-232	0.886	0.0557	0.0981	3.1	0.00 - 0.50
6-00143	60201	Th-232	0.886	0.0557	0.0981	3.1	0.00 - 0.50
6-00143	60201	Th-234	1.27	0.188	0.106	3.19	0.00 - 0.50
6-00143	60201	Tl-208	0.396	0.0111	0.0212	0.937	0.00 - 0.50
6-00143	60201	Tm-171	-4.92 U	7.68	2.96	72.4	0.00 - 0.50
6-00143	60201	U-233/234	1.04	0.0497	0.113	2.02	0.00 - 0.50
6-00143	60201	U-233/234	1.04	0.0497	0.113	2.02	0.00 - 0.50
6-00143	60201	U-235/236	0.0701	0.0211	0.024	0.151	0.00 - 0.50
6-00143	60201	U-235/236	0.0701	0.0211	0.024	0.151	0.00 - 0.50
6-00143	60201	U-238	0.96	0.0401	0.106	1.8	0.00 - 0.50
6-00143	60201	U-238	0.96	0.0401	0.106	1.8	0.00 - 0.50
6-00143	60202	Ac-227	-0.0672 U	0.158	0.0499	0.217	1.00 - 2.30
6-00143	60202	Ac-228	0.967	0.0883	0.0478	2.4	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00143	60202	Am-241	-0.0019 U	0.0165	0.0032	0.0454	1.00 - 2.30
6-00143	60202	Bi-212	0.683	0.118	0.0631	2.15	1.00 - 2.30
6-00143	60202	Bi-214	0.783	0.0271	0.0375	1.59	1.00 - 2.30
6-00143	60202	C-14	0.22 U	0.872	0.263	2.96	1.00 - 2.30
6-00143	60202	Cd-113m	-19.8 U	107	33.3	3030	1.00 - 2.30
6-00143	60202	Cm-243/244	0.0137	0.0166	0.0067	0.0443	1.00 - 2.30
6-00143	60202	Co-60	-0.006 U	0.0149	0.0047	0.028	1.00 - 2.30
6-00143	60202	Cs-134	0.0024 U	0.0134	0.0045	0.0864	1.00 - 2.30
6-00143	60202	Cs-137	0.108	0.0141	0.009	0.207	1.00 - 2.30
6-00143	60202	Eu-152	-0.0192 U	0.0391	0.0144	0.0566	1.00 - 2.30
6-00143	60202	Eu-154	-0.0536 UJ	0.0827	0.0279	0.15	1.00 - 2.30
6-00143	60202	Eu-155	0.0349 JS	0.0572	0.019	0.231	1.00 - 2.30
6-00143	60202	H-3	-0.874 U	9.73	2.46	11.9	1.00 - 2.30
6-00143	60202	Ho-166m	0.0027 U	0.0241	0.0071	0.0432	1.00 - 2.30
6-00143	60202	K-40	20.1	0.111	1.09	32.4	1.00 - 2.30
6-00143	60202	Na-22	-0.0052 U	0.0185	0.0057	0.037	1.00 - 2.30
6-00143	60202	Nb-94	-0.0017 U	0.0128	0.0038	0.0214	1.00 - 2.30
6-00143	60202	Ni-59	2.32 U	5.32	1.43	5.96	1.00 - 2.30
6-00143	60202	Ni-63	0.495 U	1.28	0.388	4.92	1.00 - 2.30
6-00143	60202	Np-236	0.005 U	0.0304	0.0093	0.047	1.00 - 2.30
6-00143	60202	Np-239	0.0432 U	0.107	0.0325	0.139	1.00 - 2.30
6-00143	60202	Pa-231	-0.0947 U	0.656	0.196	0.936	1.00 - 2.30
6-00143	60202	Pb-212	1.09	0.0274	0.0631	2.69	1.00 - 2.30
6-00143	60202	Pb-214	0.823	0.0293	0.0404	1.7	1.00 - 2.30
6-00143	60202	Pu-236	-0.0233 UJ	0.058	0.0118	7.79	1.00 - 2.30
6-00143	60202	Pu-238	-0.0154 UJ	0.0511	0.0106	0.0415	1.00 - 2.30
6-00143	60202	Pu-239/240	0.0042 UJ	0.0211	0.0053	0.0404	1.00 - 2.30
6-00143	60202	Pu-244	-0.0024 UJ	0.0211	0.0041	0.0313	1.00 - 2.30
6-00143	60202	Sb-125	0.0098 U	0.0388	0.0118	0.354	1.00 - 2.30
6-00143	60202	Sn-126	-0.0064 U	0.0151	0.0048	0.0237	1.00 - 2.30
6-00143	60202	Sr-90	0.0982 U	0.296	0.0884	0.485	1.00 - 2.30
6-00143	60202	Tc-99	-0.541 U	1.1	0.312	1.63	1.00 - 2.30
6-00143	60202	Th-228	1.35	0.0882	0.128	3.98	1.00 - 2.30
6-00143	60202	Th-229	0.014 U	0.105	0.028	0.145	1.00 - 2.30
6-00143	60202	Th-230	0.859	0.0649	0.0932	2.2	1.00 - 2.30
6-00143	60202	Th-232	1.01	0.0647	0.103	3.1	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00143	60202	Th-234	1.17 J	0.244	0.118	3.19	1.00 - 2.30
6-00143	60202	Tl-208	0.349	0.0142	0.0206	0.937	1.00 - 2.30
6-00143	60202	Tm-171	-1.21 U	9.49	3.17	72.4	1.00 - 2.30
6-00143	60202	U-233/234	0.908	0.067	0.113	2.02	1.00 - 2.30
6-00143	60202	U-235/236	0.063	0.0284	0.0262	0.151	1.00 - 2.30
6-00143	60202	U-238	0.756	0.023	0.0993	1.8	1.00 - 2.30
6-00144	60203	Ac-227	-0.04 U	0.16	0.0497	0.217	0.00 - 0.50
6-00144	60203	Ac-228	0.92	0.0797	0.047	2.4	0.00 - 0.50
6-00144	60203	Am-241	0.0024 UJ	0.0258	0.0061	0.0454	0.00 - 0.50
6-00144	60203	Bi-212	0.651 J	0.109	0.066	2.15	0.00 - 0.50
6-00144	60203	Bi-214	0.716	0.0248	0.0352	1.59	0.00 - 0.50
6-00144	60203	C-14	-0.212 U	0.87	0.257	2.96	0.00 - 0.50
6-00144	60203	Cd-113m	12.6 U	109	34.4	3030	0.00 - 0.50
6-00144	60203	Cm-243/244	0.0024 UJ	0.0261	0.0062	0.0443	0.00 - 0.50
6-00144	60203	Co-60	-0.0015 U	0.0145	0.0043	0.028	0.00 - 0.50
6-00144	60203	Cs-134	0.007 JS	0.0129	0.0045	0.0864	0.00 - 0.50
6-00144	60203	Cs-137	0.321	0.0148	0.0197	0.207	0.00 - 0.50
6-00144	60203	Eu-152	-0.0049 U	0.04	0.0134	0.0566	0.00 - 0.50
6-00144	60203	Eu-154	-0.0001 U	0.0803	0.0241	0.15	0.00 - 0.50
6-00144	60203	Eu-155	0.0476 JS	0.0599	0.0208	0.231	0.00 - 0.50
6-00144	60203	H-3	1.58 U	8.08	2.28	11.9	0.00 - 0.50
6-00144	60203	Ho-166m	-0.0028 UJ	0.0209	0.0063	0.0432	0.00 - 0.50
6-00144	60203	K-40	18.7	0.0918	1.11	32.4	0.00 - 0.50
6-00144	60203	Na-22	-0.0063 U	0.0169	0.0052	0.037	0.00 - 0.50
6-00144	60203	Nb-94	0.0035 U	0.0123	0.0037	0.0214	0.00 - 0.50
6-00144	60203	Ni-59	2.03 J	3.48	0.99	5.96	0.00 - 0.50
6-00144	60203	Ni-63	0.453 U	1.29	0.393	4.92	0.00 - 0.50
6-00144	60203	Np-236	-0.0119 U	0.0308	0.0097	0.047	0.00 - 0.50
6-00144	60203	Np-239	0.006 U	0.108	0.0327	0.139	0.00 - 0.50
6-00144	60203	Pa-231	0.205 U	0.678	0.21	0.936	0.00 - 0.50
6-00144	60203	Pb-212	1.07	0.0294	0.0663	2.69	0.00 - 0.50
6-00144	60203	Pb-214	0.778	0.028	0.0391	1.7	0.00 - 0.50
6-00144	60203	Pu-236	0.0048	0.0133	0.0039	7.79	0.00 - 0.50
6-00144	60203	Pu-238	0.0005 U	0.0124	0.0024	0.0415	0.00 - 0.50
6-00144	60203	Pu-239/240	0.0058	0.0053	0.0034	0.0404	0.00 - 0.50
6-00144	60203	Pu-244	0.0097	0.0053	0.0044	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00144	60203	Sb-125	-0.0026 U	0.0382	0.0112	0.354	0.00 - 0.50
6-00144	60203	Sn-126	-0.0034 U	0.0131	0.004	0.0237	0.00 - 0.50
6-00144	60203	Sr-90	0.0069 U	0.193	0.052	0.485	0.00 - 0.50
6-00144	60203	Tc-99	-0.173 U	1.37	0.406	1.63	0.00 - 0.50
6-00144	60203	Th-228	1.14	0.0218	0.117	3.98	0.00 - 0.50
6-00144	60203	Th-229	0.0511	0.0877	0.0284	0.145	0.00 - 0.50
6-00144	60203	Th-230	0.808	0.0784	0.0921	2.2	0.00 - 0.50
6-00144	60203	Th-232	1.19	0.0674	0.118	3.1	0.00 - 0.50
6-00144	60203	Th-234	1.09 J	0.252	0.134	3.19	0.00 - 0.50
6-00144	60203	Tl-208	0.329	0.0145	0.0199	0.937	0.00 - 0.50
6-00144	60203	Tm-171	2.59 U	12.2	4.08	72.4	0.00 - 0.50
6-00144	60203	U-233/234	0.76	0.0612	0.0852	2.02	0.00 - 0.50
6-00144	60203	U-235/236	0.0407	0.0413	0.018	0.151	0.00 - 0.50
6-00144	60203	U-238	0.782	0.0334	0.086	1.8	0.00 - 0.50
6-00144	60204	Ac-227	0.0579 U	0.163	0.0511	0.217	1.00 - 4.50
6-00144	60204	Ac-228	1.04	0.0867	0.0512	2.4	1.00 - 4.50
6-00144	60204	Am-241	0.0065	0.0125	0.0042	0.0454	1.00 - 4.50
6-00144	60204	Bi-212	0.782	0.112	0.0667	2.15	1.00 - 4.50
6-00144	60204	Bi-214	0.806	0.0251	0.0381	1.59	1.00 - 4.50
6-00144	60204	C-14	0.254 U	0.866	0.261	2.96	1.00 - 4.50
6-00144	60204	Cd-113m	-11.2 U	107	33	3030	1.00 - 4.50
6-00144	60204	Cm-243/244	0.0006 U	0.0126	0.0024	0.0443	1.00 - 4.50
6-00144	60204	Co-60	-0.0019 U	0.0149	0.0045	0.028	1.00 - 4.50
6-00144	60204	Cs-134	0.0036 U	0.0125	0.0043	0.0864	1.00 - 4.50
6-00144	60204	Cs-137	0.177	0.0158	0.0123	0.207	1.00 - 4.50
6-00144	60204	Eu-152	-0.0036 U	0.0397	0.0124	0.0566	1.00 - 4.50
6-00144	60204	Eu-154	-0.0275 UJ	0.0853	0.0264	0.15	1.00 - 4.50
6-00144	60204	Eu-155	0.0332 JS	0.059	0.0188	0.231	1.00 - 4.50
6-00144	60204	H-3	5.27	7.61	2.43	11.9	1.00 - 4.50
6-00144	60204	Ho-166m	0.0004 U	0.0228	0.0069	0.0432	1.00 - 4.50
6-00144	60204	K-40	21	0.103	1.2	32.4	1.00 - 4.50
6-00144	60204	Na-22	-0.0008 U	0.0189	0.0057	0.037	1.00 - 4.50
6-00144	60204	Nb-94	0.0046 U	0.0132	0.0041	0.0214	1.00 - 4.50
6-00144	60204	Ni-59	-1.6 U	3.47	1.09	5.96	1.00 - 4.50
6-00144	60204	Ni-63	0.241 U	1.18	0.354	4.92	1.00 - 4.50
6-00144	60204	Np-236	-0.0078 U	0.0304	0.0091	0.047	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00144	60204	Np-239	-0.0382 U	0.107	0.0341	0.139	1.00 - 4.50
6-00144	60204	Pa-231	-0.0343 U	0.683	0.211	0.936	1.00 - 4.50
6-00144	60204	Pb-212	1.24	0.0276	0.0743	2.69	1.00 - 4.50
6-00144	60204	Pb-214	0.893	0.028	0.0437	1.7	1.00 - 4.50
6-00144	60204	Pu-236	0.0033 U	0.0291	0.0072	7.79	1.00 - 4.50
6-00144	60204	Pu-238	0.0055 U	0.0347	0.0091	0.0415	1.00 - 4.50
6-00144	60204	Pu-239/240	0.0084	0.0076	0.0049	0.0404	1.00 - 4.50
6-00144	60204	Pu-244	0	0.0076	0.0028	0.0313	1.00 - 4.50
6-00144	60204	Sb-125	-0.0115 U	0.0364	0.0112	0.354	1.00 - 4.50
6-00144	60204	Sn-126	0.0057 U	0.0149	0.0046	0.0237	1.00 - 4.50
6-00144	60204	Sr-90	0.114 U	0.254	0.0776	0.485	1.00 - 4.50
6-00144	60204	Tc-99	-0.21 U	1.12	0.325	1.63	1.00 - 4.50
6-00144	60204	Th-228	1.34	0.122	0.134	3.98	1.00 - 4.50
6-00144	60204	Th-229	0.0077 U	0.0833	0.0205	0.145	1.00 - 4.50
6-00144	60204	Th-230	0.787	0.0831	0.0924	2.2	1.00 - 4.50
6-00144	60204	Th-232	1.22	0.0209	0.12	3.1	1.00 - 4.50
6-00144	60204	Th-234	1.28 J	0.247	0.134	3.19	1.00 - 4.50
6-00144	60204	Tl-208	0.37	0.0146	0.0216	0.937	1.00 - 4.50
6-00144	60204	Tm-171	2.69 U	11.3	3.91	72.4	1.00 - 4.50
6-00144	60204	U-233/234	1.19	0.0457	0.122	2.02	1.00 - 4.50
6-00144	60204	U-235/236	0.0716	0.0194	0.0233	0.151	1.00 - 4.50
6-00144	60204	U-238	1.07	0.0157	0.111	1.8	1.00 - 4.50
6-00145	60205	Ac-227	-0.014 U	0.157	0.0477	0.217	0.00 - 0.50
6-00145	60205	Ac-228	0.962	0.0804	0.0485	2.4	0.00 - 0.50
6-00145	60205	Am-241	0.0009 U	0.0255	0.006	0.0454	0.00 - 0.50
6-00145	60205	Bi-212	0.781	0.106	0.0702	2.15	0.00 - 0.50
6-00145	60205	Bi-214	0.736	0.0237	0.0356	1.59	0.00 - 0.50
6-00145	60205	C-14	0.304 U	0.854	0.258	2.96	0.00 - 0.50
6-00145	60205	Cd-113m	4.3 U	106	33.3	3030	0.00 - 0.50
6-00145	60205	Cm-243/244	0.0012 U	0.0324	0.0081	0.0443	0.00 - 0.50
6-00145	60205	Co-60	-0.0021 U	0.0144	0.0043	0.028	0.00 - 0.50
6-00145	60205	Cs-134	0.0053 U	0.0125	0.0044	0.0864	0.00 - 0.50
6-00145	60205	Cs-137	0.378	0.0152	0.022	0.207	0.00 - 0.50
6-00145	60205	Eu-152	-0.0332 UJ	0.0382	0.0148	0.0566	0.00 - 0.50
6-00145	60205	Eu-154	-0.0177 U	0.0796	0.024	0.15	0.00 - 0.50
6-00145	60205	Eu-155	0.0699 JS	0.0538	0.019	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00145	60205	H-3	2.68 U	7.98	2.34	11.9	0.00 - 0.50
6-00145	60205	Ho-166m	0.0058 UJ	0.0209	0.0063	0.0432	0.00 - 0.50
6-00145	60205	K-40	20.2	0.0992	1.22	32.4	0.00 - 0.50
6-00145	60205	Na-22	-0.0086 U	0.0169	0.0056	0.037	0.00 - 0.50
6-00145	60205	Nb-94	0.0087 JS	0.0125	0.0042	0.0214	0.00 - 0.50
6-00145	60205	Ni-59	-2.35 U	4.21	1.37	5.96	0.00 - 0.50
6-00145	60205	Ni-63	-0.759 U	1.38	0.397	4.92	0.00 - 0.50
6-00145	60205	Np-236	-0.0079 U	0.029	0.0091	0.047	0.00 - 0.50
6-00145	60205	Np-239	0.0062 U	0.105	0.0315	0.139	0.00 - 0.50
6-00145	60205	Pa-231	0.0745 U	0.659	0.201	0.936	0.00 - 0.50
6-00145	60205	Pb-212	1.16	0.028	0.0719	2.69	0.00 - 0.50
6-00145	60205	Pb-214	0.803	0.0271	0.0403	1.7	0.00 - 0.50
6-00145	60205	Pu-236	-0.0043 U	0.0236	0.0043	7.79	0.00 - 0.50
6-00145	60205	Pu-238	-0.004 U	0.0221	0.004	0.0415	0.00 - 0.50
6-00145	60205	Pu-239/240	0.0028	0.0076	0.0028	0.0404	0.00 - 0.50
6-00145	60205	Pu-244	-0.006 U	0.0253	0.0045	0.0313	0.00 - 0.50
6-00145	60205	Sb-125	0.0031 U	0.0383	0.0112	0.354	0.00 - 0.50
6-00145	60205	Sn-126	-0.0018 U	0.0135	0.0041	0.0237	0.00 - 0.50
6-00145	60205	Sr-90	0.0715 U	0.172	0.0519	0.485	0.00 - 0.50
6-00145	60205	Tc-99	0.122 U	1.6	0.478	1.63	0.00 - 0.50
6-00145	60205	Th-228	1.4	0.0682	0.142	3.98	0.00 - 0.50
6-00145	60205	Th-229	0.042	0.0904	0.028	0.145	0.00 - 0.50
6-00145	60205	Th-230	1.13	0.0778	0.12	2.2	0.00 - 0.50
6-00145	60205	Th-232	1.25	0.0226	0.127	3.1	0.00 - 0.50
6-00145	60205	Th-234	1.19	0.223	0.11	3.19	0.00 - 0.50
6-00145	60205	Tl-208	0.351	0.0138	0.0208	0.937	0.00 - 0.50
6-00145	60205	Tm-171	-3.08 U	9.53	3.44	72.4	0.00 - 0.50
6-00145	60205	U-233/234	0.914	0.0662	0.114	2.02	0.00 - 0.50
6-00145	60205	U-235/236	0.0623	0.0281	0.0259	0.151	0.00 - 0.50
6-00145	60205	U-238	1.06	0.0227	0.125	1.8	0.00 - 0.50
6-00145	60206	Ac-227	-0.0623 U	0.153	0.0482	0.217	0.00 - 4.50
6-00145	60206	Ac-228	1.33	0.0837	0.0621	2.4	0.00 - 4.50
6-00145	60206	Am-241	-0.0084 U	0.0427	0.0094	0.0454	0.00 - 4.50
6-00145	60206	Bi-212	0.897	0.113	0.0654	2.15	0.00 - 4.50
6-00145	60206	Bi-214	1.06	0.0246	0.0481	1.59	0.00 - 4.50
6-00145	60206	C-14	0.0444 U	0.661	0.197	2.96	0.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00145	60206	Cd-113m	31.6 U	104	32.6	3030	0.00 - 4.50
6-00145	60206	Cm-243/244	0.0012 U	0.0315	0.0074	0.0443	0.00 - 4.50
6-00145	60206	Co-60	-0.0027 U	0.0149	0.0045	0.028	0.00 - 4.50
6-00145	60206	Cs-134	0.004 U	0.0128	0.0044	0.0864	0.00 - 4.50
6-00145	60206	Cs-137	0.0012 U	0.0144	0.0049	0.207	0.00 - 4.50
6-00145	60206	Eu-152	-0.0274 UJ	0.0372	0.0136	0.0566	0.00 - 4.50
6-00145	60206	Eu-154	-0.0161 U	0.0836	0.0249	0.15	0.00 - 4.50
6-00145	60206	Eu-155	0.0752 SJ	0.0551	0.0211	0.231	0.00 - 4.50
6-00145	60206	H-3	2.65 U	5.89	1.78	11.9	0.00 - 4.50
6-00145	60206	Ho-166m	-0.005 U	0.0217	0.0066	0.0432	0.00 - 4.50
6-00145	60206	K-40	23.6	0.107	1.4	32.4	0.00 - 4.50
6-00145	60206	Na-22	-0.0034 U	0.0179	0.0054	0.037	0.00 - 4.50
6-00145	60206	Nb-94	0.001 U	0.0128	0.0038	0.0214	0.00 - 4.50
6-00145	60206	Ni-59	0.704 U	5.72	1.54	5.96	0.00 - 4.50
6-00145	60206	Ni-63	0.0258 U	1.39	0.415	4.92	0.00 - 4.50
6-00145	60206	Np-236	-0.0079 U	0.0293	0.0092	0.047	0.00 - 4.50
6-00145	60206	Np-239	-0.0026 U	0.103	0.0303	0.139	0.00 - 4.50
6-00145	60206	Pa-231	-0.382 U	0.636	0.22	0.936	0.00 - 4.50
6-00145	60206	Pb-212	1.5	0.0266	0.0994	2.69	0.00 - 4.50
6-00145	60206	Pb-214	1.17	0.0269	0.0593	1.7	0.00 - 4.50
6-00145	60206	Pu-236	0.0003 U	0.0233	0.0052	7.79	0.00 - 4.50
6-00145	60206	Pu-238	-0.0042 U	0.0223	0.0039	0.0415	0.00 - 4.50
6-00145	60206	Pu-239/240	0.0025 U	0.0222	0.0055	0.0404	0.00 - 4.50
6-00145	60206	Pu-244	0.0067	0.006	0.0039	0.0313	0.00 - 4.50
6-00145	60206	Sb-125	0.0065 U	0.0367	0.0112	0.354	0.00 - 4.50
6-00145	60206	Sn-126	-0.0008 U	0.0143	0.0043	0.0237	0.00 - 4.50
6-00145	60206	Sr-90	0.13	0.203	0.0655	0.485	0.00 - 4.50
6-00145	60206	Tc-99	0 U	1.27	0.378	1.63	0.00 - 4.50
6-00145	60206	Th-228	1.48	0.0187	0.132	3.98	0.00 - 4.50
6-00145	60206	Th-229	0.0257 U	0.0693	0.0204	0.145	0.00 - 4.50
6-00145	60206	Th-230	1.25	0.0596	0.116	2.2	0.00 - 4.50
6-00145	60206	Th-232	1.27	0.0173	0.117	3.1	0.00 - 4.50
6-00145	60206	Th-234	1.74	0.235	0.149	3.19	0.00 - 4.50
6-00145	60206	Tl-208	0.449	0.0142	0.0248	0.937	0.00 - 4.50
6-00145	60206	Tm-171	-8.65 U	12.4	4.66	72.4	0.00 - 4.50
6-00145	60206	U-233/234	1.11	0.014	0.112	2.02	0.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00145	60206	U-235/236	0.0767	0.0173	0.0228	0.151	0.00 - 4.50
6-00145	60206	U-238	1.14	0.014	0.114	1.8	0.00 - 4.50
6-00146	60207	Ac-227	-0.0225 U	0.195	0.0603	0.217	0.00 - 0.50
6-00146	60207	Ac-228	1.18	0.0896	0.0567	2.4	0.00 - 0.50
6-00146	60207	Am-241	0.003 U	0.0236	0.006	0.0454	0.00 - 0.50
6-00146	60207	Bi-212	0.82	0.118	0.0708	2.15	0.00 - 0.50
6-00146	60207	Bi-214	0.921	0.0282	0.0435	1.59	0.00 - 0.50
6-00146	60207	C-14	0.248 U	0.883	0.266	2.96	0.00 - 0.50
6-00146	60207	Cd-113m	-39.1 U	128	40.8	3030	0.00 - 0.50
6-00146	60207	Cm-243/244	0.0028 U	0.014	0.0035	0.0443	0.00 - 0.50
6-00146	60207	Co-60	0.0007 U	0.0163	0.0048	0.028	0.00 - 0.50
6-00146	60207	Cs-134	0.0039 U	0.0151	0.0052	0.0864	0.00 - 0.50
6-00146	60207	Cs-137	2.33	0.0173	0.123	0.207	0.00 - 0.50
6-00146	60207	Eu-152	-0.0105 U	0.05	0.0148	0.0566	0.00 - 0.50
6-00146	60207	Eu-154	-0.0222 U	0.0848	0.0298	0.15	0.00 - 0.50
6-00146	60207	Eu-155	0.0884 JS	0.0643	0.0262	0.231	0.00 - 0.50
6-00146	60207	H-3	1.94 U	7.97	2.28	11.9	0.00 - 0.50
6-00146	60207	Ho-166m	0.0101 UJ	0.024	0.0075	0.0432	0.00 - 0.50
6-00146	60207	K-40	20.9	0.119	1.19	32.4	0.00 - 0.50
6-00146	60207	Na-22	0.0063 U	0.0208	0.0063	0.037	0.00 - 0.50
6-00146	60207	Nb-94	0.0074 JS	0.014	0.0045	0.0214	0.00 - 0.50
6-00146	60207	Ni-59	0.045 U	2.87	0.8	5.96	0.00 - 0.50
6-00146	60207	Ni-63	-0.363 U	1.29	0.377	4.92	0.00 - 0.50
6-00146	60207	Np-236	-0.0118 U	0.0342	0.0105	0.047	0.00 - 0.50
6-00146	60207	Np-239	-0.0269 U	0.127	0.0396	0.139	0.00 - 0.50
6-00146	60207	Pa-231	-0.0398 U	0.801	0.248	0.936	0.00 - 0.50
6-00146	60207	Pb-212	1.37	0.0351	0.0821	2.69	0.00 - 0.50
6-00146	60207	Pb-214	1.05	0.0349	0.0509	1.7	0.00 - 0.50
6-00146	60207	Pu-236	-0.004 U	0.0356	0.0075	7.79	0.00 - 0.50
6-00146	60207	Pu-238	0.0064 U	0.0373	0.0099	0.0415	0.00 - 0.50
6-00146	60207	Pu-239/240	-0.0066 U	0.0332	0.0064	0.0404	0.00 - 0.50
6-00146	60207	Pu-244	0	0.0077	0.0029	0.0313	0.00 - 0.50
6-00146	60207	Sb-125	0.0034 U	0.0511	0.015	0.354	0.00 - 0.50
6-00146	60207	Sn-126	0.0046 U	0.0149	0.0046	0.0237	0.00 - 0.50
6-00146	60207	Sr-90	0.099 U	0.384	0.112	0.485	0.00 - 0.50
6-00146	60207	Tc-99	0.14 U	1.14	0.341	1.63	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00146	60207	Th-228	1.42	0.0706	0.133	3.98	0.00 - 0.50
6-00146	60207	Th-229	0 U	0.0971	0.0239	0.145	0.00 - 0.50
6-00146	60207	Th-230	0.921	0.0186	0.0958	2.2	0.00 - 0.50
6-00146	60207	Th-232	1.27	0.0504	0.119	3.1	0.00 - 0.50
6-00146	60207	Th-234	1.43 J	0.267	0.151	3.19	0.00 - 0.50
6-00146	60207	Tl-208	0.426	0.0176	0.0244	0.937	0.00 - 0.50
6-00146	60207	Tm-171	-3.73 U	13	4.61	72.4	0.00 - 0.50
6-00146	60207	U-233/234	0.978	0.0689	0.121	2.02	0.00 - 0.50
6-00146	60207	U-235/236	0.0324	0.0293	0.0189	0.151	0.00 - 0.50
6-00146	60207	U-238	0.856	0.0237	0.109	1.8	0.00 - 0.50
6-00147	60209	Ac-227	0.0448 U	0.17	0.0512	0.217	0.00 - 0.50
6-00147	60209	Ac-228	1	0.0837	0.0496	2.4	0.00 - 0.50
6-00147	60209	Am-241	0.002 UJ	0.0279	0.0062	0.0454	0.00 - 0.50
6-00147	60209	Bi-212	0.689	0.116	0.0655	2.15	0.00 - 0.50
6-00147	60209	Bi-214	0.808	0.0258	0.0392	1.59	0.00 - 0.50
6-00147	60209	C-14	0.124 U	0.859	0.258	2.96	0.00 - 0.50
6-00147	60209	Cd-113m	4.33 U	114	33.8	3030	0.00 - 0.50
6-00147	60209	Cm-243/244	0.0036	0.0097	0.0036	0.0443	0.00 - 0.50
6-00147	60209	Co-60	0.0087 J	0.016	0.005	0.028	0.00 - 0.50
6-00147	60209	Cs-134	0.0053 U	0.0136	0.0046	0.0864	0.00 - 0.50
6-00147	60209	Cs-137	0.391	0.0143	0.0226	0.207	0.00 - 0.50
6-00147	60209	Eu-152	-0.0191 U	0.0418	0.0146	0.0566	0.00 - 0.50
6-00147	60209	Eu-154	-0.043 U	0.0825	0.0273	0.15	0.00 - 0.50
6-00147	60209	Eu-155	0.0594 JS	0.0614	0.0235	0.231	0.00 - 0.50
6-00147	60209	H-3	5.46	7.87	2.52	11.9	0.00 - 0.50
6-00147	60209	Ho-166m	0.0005 UJ	0.0217	0.0063	0.0432	0.00 - 0.50
6-00147	60209	K-40	21	0.105	1.2	32.4	0.00 - 0.50
6-00147	60209	Na-22	0.0029 U	0.0184	0.0055	0.037	0.00 - 0.50
6-00147	60209	Nb-94	0.0015 U	0.0125	0.0036	0.0214	0.00 - 0.50
6-00147	60209	Ni-59	-0.845 U	3.37	0.961	5.96	0.00 - 0.50
6-00147	60209	Ni-63	0.613 U	1.32	0.406	4.92	0.00 - 0.50
6-00147	60209	Np-236	0.0163 JS	0.0323	0.0101	0.047	0.00 - 0.50
6-00147	60209	Np-239	0.0185 U	0.111	0.033	0.139	0.00 - 0.50
6-00147	60209	Pa-231	0.143 U	0.7	0.218	0.936	0.00 - 0.50
6-00147	60209	Pb-212	1.21	0.03	0.0765	2.69	0.00 - 0.50
6-00147	60209	Pb-214	0.883	0.0299	0.0447	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00147	60209	Pu-236	0.0085 U	0.0385	0.0104	7.79	0.00 - 0.50
6-00147	60209	Pu-238	0.0037 U	0.0332	0.0082	0.0415	0.00 - 0.50
6-00147	60209	Pu-239/240	0.0052 U	0.026	0.0066	0.0404	0.00 - 0.50
6-00147	60209	Pu-244	0.0066	0.009	0.0047	0.0313	0.00 - 0.50
6-00147	60209	Sb-125	0.006 U	0.0412	0.0125	0.354	0.00 - 0.50
6-00147	60209	Sn-126	0.0004 U	0.0142	0.0041	0.0237	0.00 - 0.50
6-00147	60209	Sr-90	0.3	0.344	0.116	0.485	0.00 - 0.50
6-00147	60209	Tc-99	-0.223 U	1.26	0.367	1.63	0.00 - 0.50
6-00147	60209	Th-228	1.33	0.0217	0.129	3.98	0.00 - 0.50
6-00147	60209	Th-229	0.0291	0.0675	0.0206	0.145	0.00 - 0.50
6-00147	60209	Th-230	0.805	0.0197	0.0897	2.2	0.00 - 0.50
6-00147	60209	Th-232	1.02	0.0532	0.105	3.1	0.00 - 0.50
6-00147	60209	Th-234	1.29	0.249	0.129	3.19	0.00 - 0.50
6-00147	60209	Tl-208	0.373	0.0145	0.0223	0.937	0.00 - 0.50
6-00147	60209	Tm-171	-1.53 U	11.1	3.9	72.4	0.00 - 0.50
6-00147	60209	U-233/234	0.864	0.0524	0.0929	2.02	0.00 - 0.50
6-00147	60209	U-235/236	0.0405	0.0411	0.0179	0.151	0.00 - 0.50
6-00147	60209	U-238	0.972	0.0142	0.1	1.8	0.00 - 0.50
6-00148	60211	Ac-227	-0.0936 U	0.205	0.0653	0.217	0.00 - 0.50
6-00148	60211	Ac-228	1.39	0.11	0.0651	2.4	0.00 - 0.50
6-00148	60211	Am-241	0.0183	0.0168	0.0073	0.0454	0.00 - 0.50
6-00148	60211	Am-241	0.0183	0.0168	0.0073	0.0454	0.00 - 0.50
6-00148	60211	Bi-212	0.889	0.161	0.0885	2.15	0.00 - 0.50
6-00148	60211	Bi-214	1.23	0.0343	0.0584	1.59	0.00 - 0.50
6-00148	60211	C-14	-0.318 U	0.82	0.241	2.96	0.00 - 0.50
6-00148	60211	Cd-113m	-57.8 U	136	42.9	3030	0.00 - 0.50
6-00148	60211	Cm-243/244	0.0023 UJ	0.0214	0.0052	0.0443	0.00 - 0.50
6-00148	60211	Co-60	0.0101 U	0.0213	0.0065	0.028	0.00 - 0.50
6-00148	60211	Cs-134	-0.002 U	0.0176	0.006	0.0864	0.00 - 0.50
6-00148	60211	Cs-137	1.01	0.0201	0.0579	0.207	0.00 - 0.50
6-00148	60211	Eu-152	-0.0138 U	0.0531	0.0177	0.0566	0.00 - 0.50
6-00148	60211	Eu-154	-0.0419 UJ	0.115	0.037	0.15	0.00 - 0.50
6-00148	60211	Eu-155	0.057 SJ	0.0667	0.0242	0.231	0.00 - 0.50
6-00148	60211	H-3	2.19 U	7.85	2.36	11.9	0.00 - 0.50
6-00148	60211	Ho-166m	0.0005 U	0.0306	0.009	0.0432	0.00 - 0.50
6-00148	60211	K-40	23.7	0.148	1.34	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00148	60211	Na-22	-0.005 U	0.0251	0.0075	0.037	0.00 - 0.50
6-00148	60211	Nb-94	0.0012 U	0.0176	0.0052	0.0214	0.00 - 0.50
6-00148	60211	Ni-59	-0.599 UJ	2.04	0.657	5.96	0.00 - 0.50
6-00148	60211	Ni-63	-0.275 U	1.34	0.399	4.92	0.00 - 0.50
6-00148	60211	Np-236	0.0129 U	0.036	0.0114	0.047	0.00 - 0.50
6-00148	60211	Np-239	-0.0026 U	0.135	0.0398	0.139	0.00 - 0.50
6-00148	60211	Pa-231	0.424 U	0.878	0.295	0.936	0.00 - 0.50
6-00148	60211	Pb-212	1.62	0.0372	0.094	2.69	0.00 - 0.50
6-00148	60211	Pb-214	1.31	0.0376	0.0611	1.7	0.00 - 0.50
6-00148	60211	Pu-236	0.0028 U	0.0148	0.0039	7.79	0.00 - 0.50
6-00148	60211	Pu-238	0.0026 U	0.0185	0.0049	0.0415	0.00 - 0.50
6-00148	60211	Pu-239/240	0.0131	0.0035	0.0042	0.0404	0.00 - 0.50
6-00148	60211	Pu-244	0.0144 J	0.0035	0.0044	0.0313	0.00 - 0.50
6-00148	60211	Sb-125	-0.0055 U	0.0548	0.0168	0.354	0.00 - 0.50
6-00148	60211	Sn-126	-0.0083 U	0.0194	0.0062	0.0237	0.00 - 0.50
6-00148	60211	Sr-90	0.186	0.199	0.0668	0.485	0.00 - 0.50
6-00148	60211	Tc-99	-0.105 U	1.28	0.372	1.63	0.00 - 0.50
6-00148	60211	Th-228	1.52	0.022	0.143	3.98	0.00 - 0.50
6-00148	60211	Th-229	-0.0076 U	0.091	0.0201	0.145	0.00 - 0.50
6-00148	60211	Th-230	0.968	0.0702	0.104	2.2	0.00 - 0.50
6-00148	60211	Th-232	1.27	0.0555	0.123	3.1	0.00 - 0.50
6-00148	60211	Th-234	1.74	0.274	0.164	3.19	0.00 - 0.50
6-00148	60211	Tl-208	0.502	0.0205	0.0297	0.937	0.00 - 0.50
6-00148	60211	Tm-171	-5.01 U	12	4.24	72.4	0.00 - 0.50
6-00148	60211	U-233/234	1.32	0.0518	0.137	2.02	0.00 - 0.50
6-00148	60211	U-235/236	0.0916	0.0517	0.0296	0.151	0.00 - 0.50
6-00148	60211	U-238	1.21	0.0518	0.128	1.8	0.00 - 0.50
6-00149	60213	Ac-227	-0.0292 U	0.198	0.0616	0.217	0.00 - 0.50
6-00149	60213	Ac-228	1.29	0.0736	0.0622	2.4	0.00 - 0.50
6-00149	60213	Am-241	0.0112	0.0103	0.0045	0.0454	0.00 - 0.50
6-00149	60213	Bi-212	0.972	0.108	0.0641	2.15	0.00 - 0.50
6-00149	60213	Bi-214	1.15	0.0267	0.0498	1.59	0.00 - 0.50
6-00149	60213	C-14	0.146 U	0.844	0.253	2.96	0.00 - 0.50
6-00149	60213	Cd-113m	-50.2 U	131	43.9	3030	0.00 - 0.50
6-00149	60213	Cm-243/244	-0.0014 U	0.017	0.0037	0.0443	0.00 - 0.50
6-00149	60213	Co-60	-0.0031 U	0.0133	0.0041	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00149	60213	Cs-134	0.0269 SJ	0.0135	0.0047	0.0864	0.00 - 0.50
6-00149	60213	Cs-137	4.36	0.0148	0.228	0.207	0.00 - 0.50
6-00149	60213	Eu-152	-0.012 U	0.0494	0.0194	0.0566	0.00 - 0.50
6-00149	60213	Eu-154	0.0139 UJ	0.0731	0.0248	0.15	0.00 - 0.50
6-00149	60213	Eu-155	0.0631 SJ	0.0653	0.025	0.231	0.00 - 0.50
6-00149	60213	H-3	0.368 U	7.91	2.35	11.9	0.00 - 0.50
6-00149	60213	Ho-166m	-0.0028 U	0.0204	0.0062	0.0432	0.00 - 0.50
6-00149	60213	K-40	23.4	0.108	1.41	32.4	0.00 - 0.50
6-00149	60213	Na-22	0.0017 U	0.0157	0.0054	0.037	0.00 - 0.50
6-00149	60213	Nb-94	0.0002 U	0.0117	0.0035	0.0214	0.00 - 0.50
6-00149	60213	Ni-59	0.202 UJ	1.87	0.51	5.96	0.00 - 0.50
6-00149	60213	Ni-63	-0.37 U	1.2	0.355	4.92	0.00 - 0.50
6-00149	60213	Np-236	-0.0198 U	0.0351	0.0124	0.047	0.00 - 0.50
6-00149	60213	Np-239	0.0244 U	0.13	0.0403	0.139	0.00 - 0.50
6-00149	60213	Pa-231	-0.438 U	0.819	0.312	0.936	0.00 - 0.50
6-00149	60213	Pb-212	1.58	0.0346	0.0961	2.69	0.00 - 0.50
6-00149	60213	Pb-214	1.34	0.0351	0.0617	1.7	0.00 - 0.50
6-00149	60213	Pu-236	0 U	0.0318	0.0079	7.79	0.00 - 0.50
6-00149	60213	Pu-238	0.01 U	0.0262	0.0078	0.0415	0.00 - 0.50
6-00149	60213	Pu-239/240	0.008 U	0.0214	0.0063	0.0404	0.00 - 0.50
6-00149	60213	Pu-244	0 U	0.0185	0.004	0.0313	0.00 - 0.50
6-00149	60213	Sb-125	0.0055 U	0.0516	0.0154	0.354	0.00 - 0.50
6-00149	60213	Sn-126	-0.0052 U	0.013	0.0042	0.0237	0.00 - 0.50
6-00149	60213	Sr-90	0.981	0.708	0.276	0.485	0.00 - 0.50
6-00149	60213	Tc-99	-0.33 U	1.39	0.4	1.63	0.00 - 0.50
6-00149	60213	Th-228	1.24	0.064	0.117	3.98	0.00 - 0.50
6-00149	60213	Th-229	0.0256	0.0471	0.0157	0.145	0.00 - 0.50
6-00149	60213	Th-230	0.848	0.0592	0.0891	2.2	0.00 - 0.50
6-00149	60213	Th-232	1.02	0.0172	0.0994	3.1	0.00 - 0.50
6-00149	60213	Th-234	1.8	0.274	0.156	3.19	0.00 - 0.50
6-00149	60213	Tl-208	0.481	0.0155	0.0264	0.937	0.00 - 0.50
6-00149	60213	Tm-171	1.09 U	13.7	4.59	72.4	0.00 - 0.50
6-00149	60213	U-233/234	1.26	0.0555	0.135	2.02	0.00 - 0.50
6-00149	60213	U-235/236	0.0657	0.0686	0.028	0.151	0.00 - 0.50
6-00149	60213	U-238	1.22	0.0766	0.132	1.8	0.00 - 0.50
6-00150	60215	Ac-227	-0.0234 U	0.147	0.044	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00150	60215	Ac-228	1.26	0.0736	0.0581	2.4	0.00 - 0.50
6-00150	60215	Am-241	0.0083	0.0038	0.0034	0.0454	0.00 - 0.50
6-00150	60215	Bi-212	0.878	0.104	0.0681	2.15	0.00 - 0.50
6-00150	60215	Bi-214	1.04	0.0242	0.0464	1.59	0.00 - 0.50
6-00150	60215	C-14	-0.242 U	0.822	0.242	2.96	0.00 - 0.50
6-00150	60215	Cd-113m	-8.39 U	97.8	30	3030	0.00 - 0.50
6-00150	60215	Cm-243/244	0.0028 U	0.0103	0.0028	0.0443	0.00 - 0.50
6-00150	60215	Co-60	0.0101 J	0.0145	0.0053	0.028	0.00 - 0.50
6-00150	60215	Cs-134	0.0033 U	0.0121	0.0042	0.0864	0.00 - 0.50
6-00150	60215	Cs-137	1.03	0.0129	0.0551	0.207	0.00 - 0.50
6-00150	60215	Eu-152	-0.0054 U	0.0372	0.0122	0.0566	0.00 - 0.50
6-00150	60215	Eu-154	-0.0552 UJ	0.0761	0.0265	0.15	0.00 - 0.50
6-00150	60215	Eu-155	0.0564 SJ	0.0507	0.0196	0.231	0.00 - 0.50
6-00150	60215	H-3	-1.36 U	7.3	2.14	11.9	0.00 - 0.50
6-00150	60215	Ho-166m	-0.001 U	0.0198	0.0059	0.0432	0.00 - 0.50
6-00150	60215	K-40	22.6	0.0934	1.37	32.4	0.00 - 0.50
6-00150	60215	Na-22	-0.004 U	0.0172	0.0053	0.037	0.00 - 0.50
6-00150	60215	Nb-94	0.008 SJ	0.0119	0.0039	0.0214	0.00 - 0.50
6-00150	60215	Ni-59	-0.897 UJ	2.74	0.808	5.96	0.00 - 0.50
6-00150	60215	Ni-63	-0.567 U	1.38	0.407	4.92	0.00 - 0.50
6-00150	60215	Np-236	-0.0057 U	0.0271	0.0083	0.047	0.00 - 0.50
6-00150	60215	Np-239	0.0043 U	0.0967	0.0284	0.139	0.00 - 0.50
6-00150	60215	Pa-231	0.0593 U	0.616	0.183	0.936	0.00 - 0.50
6-00150	60215	Pb-212	1.43	0.0257	0.0846	2.69	0.00 - 0.50
6-00150	60215	Pb-214	1.15	0.0268	0.0531	1.7	0.00 - 0.50
6-00150	60215	Pu-236	-0.0023 U	0.0204	0.005	7.79	0.00 - 0.50
6-00150	60215	Pu-238	-0.0033 U	0.0185	0.0043	0.0415	0.00 - 0.50
6-00150	60215	Pu-239/240	0.0033 U	0.0103	0.0029	0.0404	0.00 - 0.50
6-00150	60215	Pu-244	0.0044	0.0103	0.0032	0.0313	0.00 - 0.50
6-00150	60215	Sb-125	-0.0046 U	0.0371	0.0114	0.354	0.00 - 0.50
6-00150	60215	Sn-126	0.0008 U	0.0127	0.0038	0.0237	0.00 - 0.50
6-00150	60215	Sr-90	0.143	0.169	0.0572	0.485	0.00 - 0.50
6-00150	60215	Tc-99	1.46	1.31	0.424	1.63	0.00 - 0.50
6-00150	60215	Th-228	1.45	0.0806	0.127	3.98	0.00 - 0.50
6-00150	60215	Th-229	0.0344	0.0533	0.0182	0.145	0.00 - 0.50
6-00150	60215	Th-230	0.898	0.0155	0.0883	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00150	60215	Th-232	1.15	0.042	0.105	3.1	0.00 - 0.50
6-00150	60215	Th-234	1.69	0.219	0.144	3.19	0.00 - 0.50
6-00150	60215	Tl-208	0.432	0.0132	0.0237	0.937	0.00 - 0.50
6-00150	60215	Tm-171	-4.12 U	11	3.78	72.4	0.00 - 0.50
6-00150	60215	U-233/234	1.1	0.0555	0.117	2.02	0.00 - 0.50
6-00150	60215	U-235/236	0.0855	0.0483	0.0276	0.151	0.00 - 0.50
6-00150	60215	U-238	1.21	0.0615	0.126	1.8	0.00 - 0.50
6-00150	60216	Ac-227	-0.104 U	0.17	0.0567	0.217	1.00 - 2.25
6-00150	60216	Ac-228	1.16	0.0987	0.055	2.4	1.00 - 2.25
6-00150	60216	Am-241	0.0064	0.0058	0.0037	0.0454	1.00 - 2.25
6-00150	60216	Bi-212	0.85	0.136	0.0743	2.15	1.00 - 2.25
6-00150	60216	Bi-214	0.991	0.0299	0.0469	1.59	1.00 - 2.25
6-00150	60216	C-14	0.364 U	0.88	0.267	2.96	1.00 - 2.25
6-00150	60216	Cd-113m	-19.4 U	115	35.6	3030	1.00 - 2.25
6-00150	60216	Cm-243/244	0.0039 U	0.0193	0.005	0.0443	1.00 - 2.25
6-00150	60216	Co-60	-0.0032 U	0.0185	0.0055	0.028	1.00 - 2.25
6-00150	60216	Cs-134	-0.0025 U	0.0144	0.0049	0.0864	1.00 - 2.25
6-00150	60216	Cs-137	0.0662	0.0162	0.0093	0.207	1.00 - 2.25
6-00150	60216	Eu-152	-0.0338 UJ	0.0432	0.0165	0.0566	1.00 - 2.25
6-00150	60216	Eu-154	-0.0219 UJ	0.104	0.0322	0.15	1.00 - 2.25
6-00150	60216	Eu-155	0.076 JS	0.0582	0.0251	0.231	1.00 - 2.25
6-00150	60216	H-3	0.124 U	9.66	2.54	11.9	1.00 - 2.25
6-00150	60216	Ho-166m	0.0177 JS	0.0282	0.0091	0.0432	1.00 - 2.25
6-00150	60216	K-40	20.4	0.136	1.15	32.4	1.00 - 2.25
6-00150	60216	Na-22	-0.0018 U	0.0213	0.0063	0.037	1.00 - 2.25
6-00150	60216	Nb-94	0.0042 U	0.0155	0.0046	0.0214	1.00 - 2.25
6-00150	60216	Ni-59	-1.41 U	5.6	1.58	5.96	1.00 - 2.25
6-00150	60216	Ni-63	-0.146 U	1.4	0.414	4.92	1.00 - 2.25
6-00150	60216	Np-236	0.0041 U	0.0312	0.0096	0.047	1.00 - 2.25
6-00150	60216	Np-239	-0.0415 U	0.114	0.0353	0.139	1.00 - 2.25
6-00150	60216	Pa-231	-0.463 U	0.723	0.261	0.936	1.00 - 2.25
6-00150	60216	Pb-212	1.36	0.0296	0.0792	2.69	1.00 - 2.25
6-00150	60216	Pb-214	1.03	0.0319	0.0479	1.7	1.00 - 2.25
6-00150	60216	Pu-236	0.0135 U	0.0338	0.0101	7.79	1.00 - 2.25
6-00150	60216	Pu-238	-0.002 U	0.0344	0.008	0.0415	1.00 - 2.25
6-00150	60216	Pu-239/240	0.006	0.0168	0.005	0.0404	1.00 - 2.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00150	60216	Pu-244	0.0026	0.0071	0.0026	0.0313	1.00 - 2.25
6-00150	60216	Sb-125	0.0061 U	0.0437	0.0133	0.354	1.00 - 2.25
6-00150	60216	Sn-126	0.0001 U	0.0173	0.0051	0.0237	1.00 - 2.25
6-00150	60216	Sr-90	-0.0306 U	0.318	0.0858	0.485	1.00 - 2.25
6-00150	60216	Tc-99	-0.203 U	1.15	0.334	1.63	1.00 - 2.25
6-00150	60216	Th-228	1.44	0.091	0.136	3.98	1.00 - 2.25
6-00150	60216	Th-229	0.0072 U	0.0671	0.0162	0.145	1.00 - 2.25
6-00150	60216	Th-230	0.987	0.0669	0.103	2.2	1.00 - 2.25
6-00150	60216	Th-232	1.27	0.0195	0.121	3.1	1.00 - 2.25
6-00150	60216	Th-234	1.69	0.244	0.155	3.19	1.00 - 2.25
6-00150	60216	Tl-208	0.449	0.0163	0.0261	0.937	1.00 - 2.25
6-00150	60216	Tm-171	-9.62 UJ	10.2	4.17	72.4	1.00 - 2.25
6-00150	60216	U-233/234	1.19	0.0636	0.12	2.02	1.00 - 2.25
6-00150	60216	U-235/236	0.0692	0.0429	0.0234	0.151	1.00 - 2.25
6-00150	60216	U-238	1.29	0.0347	0.127	1.8	1.00 - 2.25
6-00151	60217	Ac-227	-0.0536 U	0.127	0.0397	0.217	0.00 - 0.50
6-00151	60217	Ac-228	1.25	0.068	0.0555	2.4	0.00 - 0.50
6-00151	60217	Am-241	-0.0019 U	0.0177	0.0033	0.0454	0.00 - 0.50
6-00151	60217	Bi-212	0.825	0.0886	0.0599	2.15	0.00 - 0.50
6-00151	60217	Bi-214	0.994	0.0197	0.044	1.59	0.00 - 0.50
6-00151	60217	Cd-113m	24.6 U	86	25.8	3030	0.00 - 0.50
6-00151	60217	Cm-243/244	0.0058 U	0.0206	0.0058	0.0443	0.00 - 0.50
6-00151	60217	Co-60	-0.0026 U	0.013	0.0039	0.028	0.00 - 0.50
6-00151	60217	Cs-134	0.0029 U	0.0101	0.0036	0.0864	0.00 - 0.50
6-00151	60217	Cs-137	0.0419	0.0121	0.0058	0.207	0.00 - 0.50
6-00151	60217	Eu-152	-0.0248 UJ	0.0309	0.0111	0.0566	0.00 - 0.50
6-00151	60217	Eu-154	0.0161 UJ	0.0686	0.0236	0.15	0.00 - 0.50
6-00151	60217	Eu-155	0.0881 SJ	0.0439	0.0208	0.231	0.00 - 0.50
6-00151	60217	Ho-166m	-0.0052 U	0.0176	0.0054	0.0432	0.00 - 0.50
6-00151	60217	K-40	26.5	0.084	1.47	32.4	0.00 - 0.50
6-00151	60217	Na-22	0.0001 U	0.0148	0.0048	0.037	0.00 - 0.50
6-00151	60217	Nb-94	0.007 SJ	0.0103	0.0034	0.0214	0.00 - 0.50
6-00151	60217	Np-236	-0.0133 U	0.0238	0.008	0.047	0.00 - 0.50
6-00151	60217	Np-239	0.0222 U	0.0871	0.0259	0.139	0.00 - 0.50
6-00151	60217	Pa-231	0.0813 U	0.529	0.191	0.936	0.00 - 0.50
6-00151	60217	Pb-212	1.41	0.0223	0.0839	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00151	60217	Pb-214	1.14	0.0227	0.0527	1.7	0.00 - 0.50
6-00151	60217	Pu-236	-0.0124 U	0.0388	0.0088	7.79	0.00 - 0.50
6-00151	60217	Pu-238	-0.0059 U	0.0341	0.0081	0.0415	0.00 - 0.50
6-00151	60217	Pu-239/240	0.0039	0.0053	0.0028	0.0404	0.00 - 0.50
6-00151	60217	Pu-244	-0.002 U	0.0144	0.0028	0.0313	0.00 - 0.50
6-00151	60217	Sb-125	0.006 U	0.0299	0.0091	0.354	0.00 - 0.50
6-00151	60217	Sn-126	0.0002 U	0.0115	0.0034	0.0237	0.00 - 0.50
6-00151	60217	Sr-90	0.0292 U	0.188	0.0535	0.485	0.00 - 0.50
6-00151	60217	Th-228	1.42	0.0875	0.132	3.98	0.00 - 0.50
6-00151	60217	Th-229	0.0408	0.0733	0.0237	0.145	0.00 - 0.50
6-00151	60217	Th-230	0.869	0.0631	0.0929	2.2	0.00 - 0.50
6-00151	60217	Th-232	1	0.0499	0.101	3.1	0.00 - 0.50
6-00151	60217	Th-234	1.48	0.186	0.123	3.19	0.00 - 0.50
6-00151	60217	Tl-208	0.434	0.0115	0.0231	0.937	0.00 - 0.50
6-00151	60217	Tm-171	-4.09 U	7.41	2.7	72.4	0.00 - 0.50
6-00151	60217	U-233/234	0.919	0.0625	0.107	2.02	0.00 - 0.50
6-00151	60217	U-235/236	0.0475	0.0673	0.0245	0.151	0.00 - 0.50
6-00151	60217	U-238	1.02	0.044	0.115	1.8	0.00 - 0.50
6-00151	60218	Ac-227	-0.0385 U	0.178	0.0543	0.217	1.00 - 5.00
6-00151	60218	Ac-228	1.22	0.0847	0.0585	2.4	1.00 - 5.00
6-00151	60218	Am-241	0.0039 U	0.0182	0.0048	0.0454	1.00 - 5.00
6-00151	60218	Bi-212	0.934	0.121	0.0794	2.15	1.00 - 5.00
6-00151	60218	Bi-214	1.07	0.0254	0.0488	1.59	1.00 - 5.00
6-00151	60218	Cd-113m	7.81 U	118	38.1	3030	1.00 - 5.00
6-00151	60218	Cm-243/244	-0.0013 U	0.0117	0.0023	0.0443	1.00 - 5.00
6-00151	60218	Co-60	0.001 U	0.0164	0.0049	0.028	1.00 - 5.00
6-00151	60218	Cs-134	-0.0062 U	0.0134	0.0048	0.0864	1.00 - 5.00
6-00151	60218	Cs-137	0.013 J	0.0161	0.0059	0.207	1.00 - 5.00
6-00151	60218	Eu-152	-0.0049 U	0.0435	0.0162	0.0566	1.00 - 5.00
6-00151	60218	Eu-154	-0.0716 UJ	0.0897	0.0327	0.15	1.00 - 5.00
6-00151	60218	Eu-155	0.0508 JS	0.0659	0.0236	0.231	1.00 - 5.00
6-00151	60218	Ho-166m	-0.0106 U	0.0229	0.0073	0.0432	1.00 - 5.00
6-00151	60218	K-40	23.4	0.121	1.34	32.4	1.00 - 5.00
6-00151	60218	Na-22	0.0025 U	0.0197	0.0059	0.037	1.00 - 5.00
6-00151	60218	Nb-94	0.0017 U	0.0135	0.0039	0.0214	1.00 - 5.00
6-00151	60218	Np-236	-0.0026 UJ	0.0347	0.0101	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00151	60218	Np-239	0.0064 U	0.121	0.0358	0.139	1.00 - 5.00
6-00151	60218	Pa-231	-0.196 UJ	0.726	0.224	0.936	1.00 - 5.00
6-00151	60218	Pb-212	1.25	0.0316	0.0795	2.69	1.00 - 5.00
6-00151	60218	Pb-214	1.13	0.0306	0.0556	1.7	1.00 - 5.00
6-00151	60218	Pu-236	0.0103 UJ	0.0379	0.0103	7.79	1.00 - 5.00
6-00151	60218	Pu-238	-0.0147 UJ	0.0734	0.0162	0.0415	1.00 - 5.00
6-00151	60218	Pu-239/240	0.0049	0.0132	0.0049	0.0404	1.00 - 5.00
6-00151	60218	Pu-244	0.0146	0.0132	0.0085	0.0313	1.00 - 5.00
6-00151	60218	Sb-125	0.0272 JS	0.0417	0.0138	0.354	1.00 - 5.00
6-00151	60218	Sn-126	0.0007 U	0.0158	0.0046	0.0237	1.00 - 5.00
6-00151	60218	Sr-90	0.0238 U	0.221	0.0612	0.485	1.00 - 5.00
6-00151	60218	Th-228	1.24	0.0715	0.123	3.98	1.00 - 5.00
6-00151	60218	Th-229	0.108	0.0668	0.032	0.145	1.00 - 5.00
6-00151	60218	Th-230	0.989	0.0772	0.104	2.2	1.00 - 5.00
6-00151	60218	Th-232	1.12	0.0194	0.112	3.1	1.00 - 5.00
6-00151	60218	Th-234	1.44 J	0.271	0.147	3.19	1.00 - 5.00
6-00151	60218	Tl-208	0.405	0.0155	0.0236	0.937	1.00 - 5.00
6-00151	60218	Tm-171	-5.3 U	11.5	4.24	72.4	1.00 - 5.00
6-00151	60218	U-233/234	0.757	0.0536	0.0855	2.02	1.00 - 5.00
6-00151	60218	U-235/236	0.05	0.0521	0.0213	0.151	1.00 - 5.00
6-00151	60218	U-238	0.976	0.0422	0.102	1.8	1.00 - 5.00
6-00152	60219	Ac-227	-0.0976 U	0.197	0.066	0.217	0.00 - 0.50
6-00152	60219	Ac-228	1.18	0.131	0.0593	2.4	0.00 - 0.50
6-00152	60219	Am-241	0.0075 U	0.037	0.0097	0.0454	0.00 - 0.50
6-00152	60219	Bi-212	0.848 J	0.181	0.0999	2.15	0.00 - 0.50
6-00152	60219	Bi-214	1.11	0.0398	0.0544	1.59	0.00 - 0.50
6-00152	60219	Cd-113m	-77.8 U	133	45.8	3030	0.00 - 0.50
6-00152	60219	Cm-243/244	-0.0078 U	0.0373	0.0061	0.0443	0.00 - 0.50
6-00152	60219	Co-60	0.0137 J	0.0268	0.008	0.028	0.00 - 0.50
6-00152	60219	Cs-134	0.0065 UJ	0.0201	0.0069	0.0864	0.00 - 0.50
6-00152	60219	Cs-137	0.0233	0.0232	0.0077	0.207	0.00 - 0.50
6-00152	60219	Eu-152	-0.0064 U	0.0533	0.0162	0.0566	0.00 - 0.50
6-00152	60219	Eu-154	-0.0382 U	0.132	0.0409	0.15	0.00 - 0.50
6-00152	60219	Eu-155	0.124 JS	0.0584	0.0268	0.231	0.00 - 0.50
6-00152	60219	Ho-166m	-0.0107 UJ	0.0339	0.0103	0.0432	0.00 - 0.50
6-00152	60219	K-40	22.6	0.189	1.24	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00152	60219	Na-22	-0.0211 UJ	0.0284	0.01	0.037	0.00 - 0.50
6-00152	60219	Nb-94	-0.0011 U	0.0197	0.0057	0.0214	0.00 - 0.50
6-00152	60219	Np-236	-0.0089 U	0.0317	0.0096	0.047	0.00 - 0.50
6-00152	60219	Np-239	0.0428 U	0.132	0.0412	0.139	0.00 - 0.50
6-00152	60219	Pa-231	0.0012 U	0.86	0.266	0.936	0.00 - 0.50
6-00152	60219	Pb-212	1.45	0.0354	0.0822	2.69	0.00 - 0.50
6-00152	60219	Pb-214	1.16	0.0371	0.055	1.7	0.00 - 0.50
6-00152	60219	Pu-236	0.0053	0.0149	0.0044	7.79	0.00 - 0.50
6-00152	60219	Pu-238	0.0022	0.0059	0.0022	0.0415	0.00 - 0.50
6-00152	60219	Pu-239/240	0.0094	0.0139	0.0052	0.0404	0.00 - 0.50
6-00152	60219	Pu-244	0.0022	0.0059	0.0022	0.0313	0.00 - 0.50
6-00152	60219	Sb-125	0.006 U	0.0543	0.0159	0.354	0.00 - 0.50
6-00152	60219	Sn-126	0.0002 U	0.0221	0.0063	0.0237	0.00 - 0.50
6-00152	60219	Sr-90	-0.0337 U	0.287	0.0757	0.485	0.00 - 0.50
6-00152	60219	Th-228	1.59	0.108	0.151	3.98	0.00 - 0.50
6-00152	60219	Th-229	0.0222	0.02	0.0129	0.145	0.00 - 0.50
6-00152	60219	Th-230	0.892	0.0685	0.0982	2.2	0.00 - 0.50
6-00152	60219	Th-232	1.37	0.0199	0.129	3.1	0.00 - 0.50
6-00152	60219	Th-234	1.56	0.239	0.135	3.19	0.00 - 0.50
6-00152	60219	Tl-208	0.48	0.023	0.0294	0.937	0.00 - 0.50
6-00152	60219	Tm-171	0.293 U	7.84	2.5	72.4	0.00 - 0.50
6-00152	60219	U-233/234	0.876	0.0554	0.0956	2.02	0.00 - 0.50
6-00152	60219	U-235/236	0.0683	0.0185	0.0222	0.151	0.00 - 0.50
6-00152	60219	U-238	0.776	0.0436	0.0873	1.8	0.00 - 0.50
6-00153	60221	Ac-227	0.053 U	0.178	0.0562	0.217	0.00 - 0.50
6-00153	60221	Ac-228	1.32	0.0905	0.0621	2.4	0.00 - 0.50
6-00153	60221	Am-241	0.0062	0.0084	0.0044	0.0454	0.00 - 0.50
6-00153	60221	Bi-212	0.978	0.121	0.0782	2.15	0.00 - 0.50
6-00153	60221	Bi-214	1.06	0.0276	0.0494	1.59	0.00 - 0.50
6-00153	60221	Cd-113m	-10 U	120	38.6	3030	0.00 - 0.50
6-00153	60221	Cm-243/244	-0.0011 U	0.0499	0.0124	0.0443	0.00 - 0.50
6-00153	60221	Co-60	0.0023 U	0.017	0.005	0.028	0.00 - 0.50
6-00153	60221	Cs-134	0 U	0.014	0.0047	0.0864	0.00 - 0.50
6-00153	60221	Cs-137	0.0797	0.0151	0.0081	0.207	0.00 - 0.50
6-00153	60221	Eu-152	-0.0475 UJ	0.0431	0.0209	0.0566	0.00 - 0.50
6-00153	60221	Eu-154	-0.0526 U	0.0908	0.0308	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00153	60221	Eu-155	0.0729 JS	0.0653	0.0255	0.231	0.00 - 0.50
6-00153	60221	Ho-166m	0.0055 U	0.0244	0.0072	0.0432	0.00 - 0.50
6-00153	60221	K-40	26.5	0.121	1.64	32.4	0.00 - 0.50
6-00153	60221	Na-22	-0.0181 UJ	0.0198	0.0075	0.037	0.00 - 0.50
6-00153	60221	Nb-94	0.0069 U	0.014	0.0044	0.0214	0.00 - 0.50
6-00153	60221	Np-236	0.0019 U	0.0356	0.0114	0.047	0.00 - 0.50
6-00153	60221	Np-239	-0.0426 U	0.118	0.038	0.139	0.00 - 0.50
6-00153	60221	Pa-231	-0.05 U	0.738	0.25	0.936	0.00 - 0.50
6-00153	60221	Pb-212	1.54	0.0306	0.101	2.69	0.00 - 0.50
6-00153	60221	Pb-214	1.22	0.0308	0.0606	1.7	0.00 - 0.50
6-00153	60221	Pu-236	0.0014 U	0.0204	0.0053	7.79	0.00 - 0.50
6-00153	60221	Pu-238	-0.0039 U	0.0216	0.005	0.0415	0.00 - 0.50
6-00153	60221	Pu-239/240	0 U	0.0139	0.0032	0.0404	0.00 - 0.50
6-00153	60221	Pu-244	0.0078	0.0035	0.0032	0.0313	0.00 - 0.50
6-00153	60221	Sb-125	0.0013 U	0.0416	0.0125	0.354	0.00 - 0.50
6-00153	60221	Sn-126	-0.0043 U	0.0152	0.0047	0.0237	0.00 - 0.50
6-00153	60221	Sr-90	0.0165 U	0.0771	0.022	0.485	0.00 - 0.50
6-00153	60221	Th-228	1.4	0.0692	0.131	3.98	0.00 - 0.50
6-00153	60221	Th-229	0 U	0.0983	0.0241	0.145	0.00 - 0.50
6-00153	60221	Th-230	0.931	0.0646	0.0981	2.2	0.00 - 0.50
6-00153	60221	Th-232	1.06	0.051	0.106	3.1	0.00 - 0.50
6-00153	60221	Th-234	1.74	0.298	0.169	3.19	0.00 - 0.50
6-00153	60221	Tl-208	0.445	0.0155	0.0246	0.937	0.00 - 0.50
6-00153	60221	Tm-171	-11.4 U	17.4	6.46	72.4	0.00 - 0.50
6-00153	60221	U-233/234	0.92	0.0645	0.104	2.02	0.00 - 0.50
6-00153	60221	U-235/236	0.0658	0.0507	0.025	0.151	0.00 - 0.50
6-00153	60221	U-238	0.882	0.0645	0.101	1.8	0.00 - 0.50
6-00153	60222	Ac-227	-0.0302 U	0.166	0.0515	0.217	1.00 - 4.00
6-00153	60222	Ac-228	1.22	0.104	0.0587	2.4	1.00 - 4.00
6-00153	60222	Am-241	0.0038 U	0.0142	0.0038	0.0454	1.00 - 4.00
6-00153	60222	Bi-212	0.933	0.151	0.0765	2.15	1.00 - 4.00
6-00153	60222	Bi-214	1.01	0.0298	0.0489	1.59	1.00 - 4.00
6-00153	60222	Cd-113m	12 U	113	34.4	3030	1.00 - 4.00
6-00153	60222	Cm-243/244	0.0038 U	0.0197	0.005	0.0443	1.00 - 4.00
6-00153	60222	Co-60	0.0023 U	0.0193	0.0055	0.028	1.00 - 4.00
6-00153	60222	Cs-134	-0.0032 U	0.0154	0.0055	0.0864	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00153	60222	Cs-137	-0.0008 U	0.0201	0.0065	0.207	1.00 - 4.00
6-00153	60222	Eu-152	-0.0131 U	0.0425	0.0138	0.0566	1.00 - 4.00
6-00153	60222	Eu-154	-0.0763 UJ	0.105	0.0376	0.15	1.00 - 4.00
6-00153	60222	Eu-155	0.0487 SJ	0.0531	0.0189	0.231	1.00 - 4.00
6-00153	60222	Ho-166m	0.012 U	0.0296	0.0088	0.0432	1.00 - 4.00
6-00153	60222	K-40	21.4	0.136	1.16	32.4	1.00 - 4.00
6-00153	60222	Na-22	-0.0061 U	0.0229	0.0069	0.037	1.00 - 4.00
6-00153	60222	Nb-94	0.0057 U	0.0166	0.0049	0.0214	1.00 - 4.00
6-00153	60222	Np-236	-0.0182 U	0.0281	0.0094	0.047	1.00 - 4.00
6-00153	60222	Np-239	-0.0156 U	0.111	0.034	0.139	1.00 - 4.00
6-00153	60222	Pa-231	-0.372 U	0.692	0.235	0.936	1.00 - 4.00
6-00153	60222	Pb-212	1.36	0.0297	0.0753	2.69	1.00 - 4.00
6-00153	60222	Pb-214	1.01	0.0324	0.0478	1.7	1.00 - 4.00
6-00153	60222	Pu-236	-0.0061 U	0.0212	0.0037	7.79	1.00 - 4.00
6-00153	60222	Pu-238	-0.0009 U	0.0159	0.0029	0.0415	1.00 - 4.00
6-00153	60222	Pu-239/240	0.0052 U	0.0159	0.0045	0.0404	1.00 - 4.00
6-00153	60222	Pu-244	0.0066	0.0129	0.0043	0.0313	1.00 - 4.00
6-00153	60222	Sb-125	0.0084 U	0.0455	0.0134	0.354	1.00 - 4.00
6-00153	60222	Sn-126	-0.0018 U	0.0177	0.0052	0.0237	1.00 - 4.00
6-00153	60222	Sr-90	-0.0346 U	0.342	0.092	0.485	1.00 - 4.00
6-00153	60222	Th-228	1.29	0.101	0.124	3.98	1.00 - 4.00
6-00153	60222	Th-229	0.0067 U	0.0999	0.0258	0.145	1.00 - 4.00
6-00153	60222	Th-230	0.976	0.0616	0.0989	2.2	1.00 - 4.00
6-00153	60222	Th-232	1.18	0.0179	0.111	3.1	1.00 - 4.00
6-00153	60222	Th-234	1.45	0.202	0.118	3.19	1.00 - 4.00
6-00153	60222	Tl-208	0.443	0.0173	0.0259	0.937	1.00 - 4.00
6-00153	60222	Tm-171	2.43 U	6.62	2.3	72.4	1.00 - 4.00
6-00153	60222	U-233/234	0.989	0.0346	0.0973	2.02	1.00 - 4.00
6-00153	60222	U-235/236	0.0395	0.0345	0.0161	0.151	1.00 - 4.00
6-00153	60222	U-238	1.08	0.0279	0.104	1.8	1.00 - 4.00
6-00154	60223	Ac-227	0.0385 U	0.142	0.0438	0.217	0.00 - 0.50
6-00154	60223	Ac-228	1.37	0.0712	0.0638	2.4	0.00 - 0.50
6-00154	60223	Am-241	0.0072	0.0159	0.005	0.0454	0.00 - 0.50
6-00154	60223	Bi-212	0.962	0.0969	0.0666	2.15	0.00 - 0.50
6-00154	60223	Bi-214	1.04	0.0222	0.0461	1.59	0.00 - 0.50
6-00154	60223	Cd-113m	31.7 U	94.7	30.6	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00154	60223	Cm-243/244	0.0032 U	0.0161	0.0041	0.0443	0.00 - 0.50
6-00154	60223	Co-60	-0.004 U	0.0127	0.004	0.028	0.00 - 0.50
6-00154	60223	Cs-134	0.0011 U	0.0112	0.0039	0.0864	0.00 - 0.50
6-00154	60223	Cs-137	0.0362	0.012	0.0057	0.207	0.00 - 0.50
6-00154	60223	Eu-152	-0.04 UJ	0.0338	0.0157	0.0566	0.00 - 0.50
6-00154	60223	Eu-154	-0.0377 U	0.0656	0.0249	0.15	0.00 - 0.50
6-00154	60223	Eu-155	0.0526 JS	0.0481	0.0173	0.231	0.00 - 0.50
6-00154	60223	Ho-166m	0.0074 U	0.0201	0.0062	0.0432	0.00 - 0.50
6-00154	60223	K-40	24.7	0.0898	1.46	32.4	0.00 - 0.50
6-00154	60223	Na-22	-0.0024 U	0.0153	0.0054	0.037	0.00 - 0.50
6-00154	60223	Nb-94	0.0077 JS	0.0115	0.0039	0.0214	0.00 - 0.50
6-00154	60223	Np-236	-0.011 U	0.0265	0.0083	0.047	0.00 - 0.50
6-00154	60223	Np-239	0.0324 U	0.0956	0.0298	0.139	0.00 - 0.50
6-00154	60223	Pa-231	-0.123 U	0.578	0.186	0.936	0.00 - 0.50
6-00154	60223	Pb-212	1.55	0.0241	0.0937	2.69	0.00 - 0.50
6-00154	60223	Pb-214	1.15	0.0252	0.0549	1.7	0.00 - 0.50
6-00154	60223	Pu-236	0.004 U	0.0124	0.0036	7.79	0.00 - 0.50
6-00154	60223	Pu-238	0 U	0.0137	0.0031	0.0415	0.00 - 0.50
6-00154	60223	Pu-239/240	0.0026	0.0035	0.0018	0.0404	0.00 - 0.50
6-00154	60223	Pu-244	0.0026 U	0.0094	0.0026	0.0313	0.00 - 0.50
6-00154	60223	Sb-125	0.0006 U	0.0329	0.0097	0.354	0.00 - 0.50
6-00154	60223	Sn-126	-0.0009 U	0.0125	0.0038	0.0237	0.00 - 0.50
6-00154	60223	Sr-90	-0.0057 U	0.103	0.0274	0.485	0.00 - 0.50
6-00154	60223	Th-228	1.28	0.17	0.144	3.98	0.00 - 0.50
6-00154	60223	Th-229	0.0183 U	0.0674	0.0183	0.145	0.00 - 0.50
6-00154	60223	Th-230	0.749	0.0983	0.0975	2.2	0.00 - 0.50
6-00154	60223	Th-232	1.28	0.067	0.135	3.1	0.00 - 0.50
6-00154	60223	Th-234	1.48	0.198	0.119	3.19	0.00 - 0.50
6-00154	60223	Tl-208	0.462	0.0125	0.0245	0.937	0.00 - 0.50
6-00154	60223	Tm-171	-7.29 UJ	8.49	3.48	72.4	0.00 - 0.50
6-00154	60223	U-233/234	0.836	0.0581	0.0917	2.02	0.00 - 0.50
6-00154	60223	U-235/236	0.0527	0.0178	0.019	0.151	0.00 - 0.50
6-00154	60223	U-238	0.872	0.042	0.0939	1.8	0.00 - 0.50
6-00154	60224	Ac-227	-0.0111 U	0.182	0.0555	0.217	1.00 - 3.80
6-00154	60224	Ac-228	1.22	0.0879	0.0586	2.4	1.00 - 3.80
6-00154	60224	Am-241	0.0013 U	0.0187	0.0041	0.0454	1.00 - 3.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00154	60224	Bi-212	0.933	0.122	0.0768	2.15	1.00 - 3.80
6-00154	60224	Bi-214	0.928	0.0275	0.0442	1.59	1.00 - 3.80
6-00154	60224	Cd-113m	-14.9 U	121	38.3	3030	1.00 - 3.80
6-00154	60224	Cm-243/244	0.0085	0.0188	0.0059	0.0443	1.00 - 3.80
6-00154	60224	Co-60	-0.0039 U	0.0154	0.0046	0.028	1.00 - 3.80
6-00154	60224	Cs-134	-0.0024 U	0.0135	0.0047	0.0864	1.00 - 3.80
6-00154	60224	Cs-137	-0.0039 U	0.0162	0.0049	0.207	1.00 - 3.80
6-00154	60224	Eu-152	-0.004 U	0.0444	0.0188	0.0566	1.00 - 3.80
6-00154	60224	Eu-154	-0.0356 U	0.0871	0.0283	0.15	1.00 - 3.80
6-00154	60224	Eu-155	0.0677 J	0.0692	0.0258	0.231	1.00 - 3.80
6-00154	60224	Ho-166m	-0.0119 U	0.0239	0.0078	0.0432	1.00 - 3.80
6-00154	60224	K-40	19.6	0.118	1.14	32.4	1.00 - 3.80
6-00154	60224	Na-22	0.011 J	0.0195	0.0061	0.037	1.00 - 3.80
6-00154	60224	Nb-94	0.0078 J	0.0149	0.0047	0.0214	1.00 - 3.80
6-00154	60224	Np-236	-0.0151 U	0.0357	0.0113	0.047	1.00 - 3.80
6-00154	60224	Np-239	-0.0088 U	0.122	0.0369	0.139	1.00 - 3.80
6-00154	60224	Pa-231	-0.134 U	0.758	0.234	0.936	1.00 - 3.80
6-00154	60224	Pb-212	1.4	0.0313	0.085	2.69	1.00 - 3.80
6-00154	60224	Pb-214	1.04	0.031	0.0501	1.7	1.00 - 3.80
6-00154	60224	Pu-236	-0.0025 U	0.0193	0.0034	7.79	1.00 - 3.80
6-00154	60224	Pu-238	-0.0003 U	0.0184	0.0038	0.0415	1.00 - 3.80
6-00154	60224	Pu-239/240	0.0054 U	0.0237	0.0065	0.0404	1.00 - 3.80
6-00154	60224	Pu-244	0.0011 U	0.016	0.0035	0.0313	1.00 - 3.80
6-00154	60224	Sb-125	-0.0047 U	0.0426	0.0125	0.354	1.00 - 3.80
6-00154	60224	Sn-126	-0.0141 UJ	0.0148	0.0057	0.0237	1.00 - 3.80
6-00154	60224	Sr-90	0.0066 U	0.433	0.12	0.485	1.00 - 3.80
6-00154	60224	Th-228	1.26	0.0966	0.123	3.98	1.00 - 3.80
6-00154	60224	Th-229	0.0276 U	0.0743	0.0219	0.145	1.00 - 3.80
6-00154	60224	Th-230	0.943	0.0507	0.0978	2.2	1.00 - 3.80
6-00154	60224	Th-232	1.17	0.0638	0.113	3.1	1.00 - 3.80
6-00154	60224	Th-234	1.56 J	0.289	0.16	3.19	1.00 - 3.80
6-00154	60224	Tl-208	0.436	0.0157	0.0249	0.937	1.00 - 3.80
6-00154	60224	Tm-171	-8.65 U	13.4	4.98	72.4	1.00 - 3.80
6-00154	60224	U-233/234	1.07	0.039	0.113	2.02	1.00 - 3.80
6-00154	60224	U-235/236	0.0702	0.0482	0.0251	0.151	1.00 - 3.80
6-00154	60224	U-238	1.02	0.039	0.11	1.8	1.00 - 3.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00155	60225	Ac-227	-0.0248 U	0.144	0.0429	0.217	0.00 - 0.50
6-00155	60225	Ac-228	1.01	0.0736	0.0488	2.4	0.00 - 0.50
6-00155	60225	Am-241	0.0212	0.0432	0.0137	0.0454	0.00 - 0.50
6-00155	60225	Bi-212	0.666	0.108	0.0597	2.15	0.00 - 0.50
6-00155	60225	Bi-214	0.784	0.0229	0.0376	1.59	0.00 - 0.50
6-00155	60225	Cd-113m	12.1 U	97.1	29.5	3030	0.00 - 0.50
6-00155	60225	Cm-243/244	0.0047 UJ	0.0324	0.0076	0.0443	0.00 - 0.50
6-00155	60225	Co-60	-0.0034 U	0.0133	0.004	0.028	0.00 - 0.50
6-00155	60225	Cs-134	-0.0021 UJ	0.0112	0.004	0.0864	0.00 - 0.50
6-00155	60225	Cs-137	0.0334	0.0128	0.0055	0.207	0.00 - 0.50
6-00155	60225	Eu-152	-0.0159 U	0.0343	0.0114	0.0566	0.00 - 0.50
6-00155	60225	Eu-154	-0.0392 U	0.0723	0.024	0.15	0.00 - 0.50
6-00155	60225	Eu-155	0.0498 JS	0.0509	0.0191	0.231	0.00 - 0.50
6-00155	60225	Ho-166m	-0.0062 UJ	0.0188	0.0058	0.0432	0.00 - 0.50
6-00155	60225	K-40	20.7	0.1	1.18	32.4	0.00 - 0.50
6-00155	60225	Na-22	-0.0015 U	0.0164	0.005	0.037	0.00 - 0.50
6-00155	60225	Nb-94	0.0048 U	0.0117	0.0035	0.0214	0.00 - 0.50
6-00155	60225	Np-236	-0.0002 U	0.0273	0.0083	0.047	0.00 - 0.50
6-00155	60225	Np-239	0.0109 U	0.0969	0.0283	0.139	0.00 - 0.50
6-00155	60225	Pa-231	-0.0147 U	0.586	0.173	0.936	0.00 - 0.50
6-00155	60225	Pb-212	1.16	0.0262	0.0709	2.69	0.00 - 0.50
6-00155	60225	Pb-214	0.831	0.0252	0.0409	1.7	0.00 - 0.50
6-00155	60225	Pu-236	0.0029 U	0.0143	0.0036	7.79	0.00 - 0.50
6-00155	60225	Pu-238	-0.0003 U	0.019	0.004	0.0415	0.00 - 0.50
6-00155	60225	Pu-239/240	0.0158	0.0165	0.0067	0.0404	0.00 - 0.50
6-00155	60225	Pu-244	0.0006 U	0.0133	0.0026	0.0313	0.00 - 0.50
6-00155	60225	Sb-125	0.0133 U	0.0339	0.0104	0.354	0.00 - 0.50
6-00155	60225	Sn-126	-0.0024 U	0.0127	0.0038	0.0237	0.00 - 0.50
6-00155	60225	Sr-90	-0.0519 U	0.266	0.0702	0.485	0.00 - 0.50
6-00155	60225	Th-228	1.28	0.101	0.127	3.98	0.00 - 0.50
6-00155	60225	Th-229	0.124	0.0743	0.0346	0.145	0.00 - 0.50
6-00155	60225	Th-230	1.07	0.0507	0.107	2.2	0.00 - 0.50
6-00155	60225	Th-232	1.34	0.0186	0.124	3.1	0.00 - 0.50
6-00155	60225	Th-234	1.4	0.202	0.131	3.19	0.00 - 0.50
6-00155	60225	Tl-208	0.354	0.0137	0.0208	0.937	0.00 - 0.50
6-00155	60225	Tm-171	-4.56 U	8.62	3.13	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00155	60225	U-233/234	0.84	0.0153	0.0928	2.02	0.00 - 0.50
6-00155	60225	U-235/236	0.0508	0.0445	0.0207	0.151	0.00 - 0.50
6-00155	60225	U-238	1.06	0.0153	0.11	1.8	0.00 - 0.50
6-00155	60226	Ac-227	-0.0239 U	0.16	0.0479	0.217	1.00 - 5.00
6-00155	60226	Ac-228	1.16	0.0905	0.0537	2.4	1.00 - 5.00
6-00155	60226	Am-241	0.0158 UJ	0.0615	0.0172	0.0454	1.00 - 5.00
6-00155	60226	Bi-212	0.823	0.128	0.0784	2.15	1.00 - 5.00
6-00155	60226	Bi-214	0.818	0.027	0.0407	1.59	1.00 - 5.00
6-00155	60226	Cd-113m	-60.8 U	104	34.5	3030	1.00 - 5.00
6-00155	60226	Cm-243/244	-0.008 UJ	0.0591	0.0129	0.0443	1.00 - 5.00
6-00155	60226	Co-60	0.0002 U	0.0169	0.005	0.028	1.00 - 5.00
6-00155	60226	Cs-134	0.0003 U	0.0131	0.0044	0.0864	1.00 - 5.00
6-00155	60226	Cs-137	-0.0109 UJ	0.0156	0.0054	0.207	1.00 - 5.00
6-00155	60226	Eu-152	-0.015 U	0.0395	0.0142	0.0566	1.00 - 5.00
6-00155	60226	Eu-154	-0.0513 U	0.0939	0.0317	0.15	1.00 - 5.00
6-00155	60226	Eu-155	0.0481 SJ	0.0523	0.0175	0.231	1.00 - 5.00
6-00155	60226	Ho-166m	-0.0134 U	0.024	0.0079	0.0432	1.00 - 5.00
6-00155	60226	K-40	19.4	0.125	1.1	32.4	1.00 - 5.00
6-00155	60226	Na-22	-0.012 U	0.0192	0.0065	0.037	1.00 - 5.00
6-00155	60226	Nb-94	0.001 U	0.0143	0.0042	0.0214	1.00 - 5.00
6-00155	60226	Np-236	-0.0063 U	0.0284	0.0089	0.047	1.00 - 5.00
6-00155	60226	Np-239	-0.0304 U	0.104	0.0317	0.139	1.00 - 5.00
6-00155	60226	Pa-231	0.422 J	0.669	0.243	0.936	1.00 - 5.00
6-00155	60226	Pb-212	1.31	0.0271	0.0761	2.69	1.00 - 5.00
6-00155	60226	Pb-214	0.872	0.0291	0.0412	1.7	1.00 - 5.00
6-00155	60226	Pu-236	-0.0019 U	0.0219	0.0044	7.79	1.00 - 5.00
6-00155	60226	Pu-238	0.0006 U	0.0133	0.0026	0.0415	1.00 - 5.00
6-00155	60226	Pu-239/240	0.0131	0.0133	0.0058	0.0404	1.00 - 5.00
6-00155	60226	Pu-244	0	0.0057	0.0021	0.0313	1.00 - 5.00
6-00155	60226	Sb-125	-0.0164 U	0.039	0.0126	0.354	1.00 - 5.00
6-00155	60226	Sn-126	0.0019 U	0.0163	0.0048	0.0237	1.00 - 5.00
6-00155	60226	Sr-90	0.0801 U	0.224	0.0664	0.485	1.00 - 5.00
6-00155	60226	Th-228	1.24	0.105	0.12	3.98	1.00 - 5.00
6-00155	60226	Th-229	0 U	0.0708	0.0161	0.145	1.00 - 5.00
6-00155	60226	Th-230	0.819	0.0788	0.0891	2.2	1.00 - 5.00
6-00155	60226	Th-232	1.33	0.0481	0.121	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00155	60226	Th-234	1.73	0.227	0.146	3.19	1.00 - 5.00
6-00155	60226	Tl-208	0.43	0.0154	0.0249	0.937	1.00 - 5.00
6-00155	60226	Tm-171	-6.13 U	9.46	3.54	72.4	1.00 - 5.00
6-00155	60226	U-233/234	0.939	0.0499	0.1	2.02	1.00 - 5.00
6-00155	60226	U-235/236	0.0583	0.0537	0.023	0.151	1.00 - 5.00
6-00155	60226	U-238	1	0.0351	0.105	1.8	1.00 - 5.00
6-00156	60227	Ac-227	-0.0741 U	0.143	0.0525	0.217	0.00 - 0.50
6-00156	60227	Ac-228	1.52	0.0704	0.0687	2.4	0.00 - 0.50
6-00156	60227	Am-241	0.0045	0.0124	0.0037	0.0454	0.00 - 0.50
6-00156	60227	Bi-212	1.12	0.0996	0.0738	2.15	0.00 - 0.50
6-00156	60227	Bi-214	1.21	0.0223	0.0525	1.59	0.00 - 0.50
6-00156	60227	Cd-113m	56.5 J	95.3	36.8	3030	0.00 - 0.50
6-00156	60227	Cm-243/244	0.007	0.0155	0.0048	0.0443	0.00 - 0.50
6-00156	60227	Co-60	0.0096 J	0.0133	0.0045	0.028	0.00 - 0.50
6-00156	60227	Cs-134	0.0074 SJ	0.0114	0.0041	0.0864	0.00 - 0.50
6-00156	60227	Cs-137	0.0169	0.0121	0.0052	0.207	0.00 - 0.50
6-00156	60227	Eu-152	-0.0257 U	0.0342	0.0144	0.0566	0.00 - 0.50
6-00156	60227	Eu-154	-0.0654 LU	0.0696	0.0267	0.15	0.00 - 0.50
6-00156	60227	Eu-155	0.0838 SJ	0.0508	0.0211	0.231	0.00 - 0.50
6-00156	60227	Ho-166m	0 UJ	0.0193	0.0057	0.0432	0.00 - 0.50
6-00156	60227	K-40	24.7	0.091	1.4	32.4	0.00 - 0.50
6-00156	60227	Na-22	-0.0069 U	0.0149	0.0056	0.037	0.00 - 0.50
6-00156	60227	Nb-94	0.0057 SJ	0.0112	0.0035	0.0214	0.00 - 0.50
6-00156	60227	Np-236	-0.015 U	0.0275	0.0091	0.047	0.00 - 0.50
6-00156	60227	Np-239	-0.0359 U	0.0962	0.0302	0.139	0.00 - 0.50
6-00156	60227	Pa-231	-0.0047 U	0.597	0.22	0.936	0.00 - 0.50
6-00156	60227	Pb-212	1.77	0.0253	0.11	2.69	0.00 - 0.50
6-00156	60227	Pb-214	1.32	0.0246	0.0626	1.7	0.00 - 0.50
6-00156	60227	Pu-236	-0.0119 UJ	0.0505	0.011	7.79	0.00 - 0.50
6-00156	60227	Pu-238	0.0025 UJ	0.0444	0.0113	0.0415	0.00 - 0.50
6-00156	60227	Pu-239/240	0.0031	0.0084	0.0031	0.0404	0.00 - 0.50
6-00156	60227	Pu-244	0.0009 UJ	0.0197	0.0038	0.0313	0.00 - 0.50
6-00156	60227	Sb-125	-0.0052 U	0.0332	0.0102	0.354	0.00 - 0.50
6-00156	60227	Sn-126	-0.0002 U	0.0125	0.0037	0.0237	0.00 - 0.50
6-00156	60227	Sr-90	0.145 U	0.242	0.0764	0.485	0.00 - 0.50
6-00156	60227	Th-228	1.74	0.0212	0.155	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00156	60227	Th-229	0.123	0.087	0.0369	0.145	0.00 - 0.50
6-00156	60227	Th-230	1.08	0.0196	0.109	2.2	0.00 - 0.50
6-00156	60227	Th-232	1.34	0.0195	0.126	3.1	0.00 - 0.50
6-00156	60227	Th-234	1.81	0.211	0.145	3.19	0.00 - 0.50
6-00156	60227	Tl-208	0.574	0.0121	0.0303	0.937	0.00 - 0.50
6-00156	60227	Tm-171	-1.82 U	9.45	3.34	72.4	0.00 - 0.50
6-00156	60227	U-233/234	0.863	0.0075	0.0771	2.02	0.00 - 0.50
6-00156	60227	U-235/236	0.048	0.0319	0.0149	0.151	0.00 - 0.50
6-00156	60227	U-238	0.988	0.0258	0.0862	1.8	0.00 - 0.50
6-00156	60228	Ac-227	0.027 U	0.276	0.0821	0.217	1.00 - 4.00
6-00156	60228	Ac-228	1.8	0.13	0.0887	2.4	1.00 - 4.00
6-00156	60228	Am-241	0.0011 U	0.0158	0.0035	0.0454	1.00 - 4.00
6-00156	60228	Bi-212	1.28	0.19	0.111	2.15	1.00 - 4.00
6-00156	60228	Bi-214	1.22	0.0431	0.06	1.59	1.00 - 4.00
6-00156	60228	Cd-113m	-43.2 U	178	54.4	3030	1.00 - 4.00
6-00156	60228	Cm-243/244	0.0037 U	0.0182	0.0048	0.0443	1.00 - 4.00
6-00156	60228	Co-60	0.0061 U	0.0256	0.0075	0.028	1.00 - 4.00
6-00156	60228	Cs-134	0.0127 JS	0.0218	0.0077	0.0864	1.00 - 4.00
6-00156	60228	Cs-137	-0.0124 U	0.0238	0.0078	0.207	1.00 - 4.00
6-00156	60228	Eu-152	-0.0261 U	0.0657	0.0227	0.0566	1.00 - 4.00
6-00156	60228	Eu-154	-0.0878 UJ	0.132	0.0453	0.15	1.00 - 4.00
6-00156	60228	Eu-155	-0.0045 U	0.0986	0.0303	0.231	1.00 - 4.00
6-00156	60228	Ho-166m	0.011 U	0.0384	0.0115	0.0432	1.00 - 4.00
6-00156	60228	K-40	24.7	0.184	1.53	32.4	1.00 - 4.00
6-00156	60228	Na-22	-0.0084 U	0.03	0.0093	0.037	1.00 - 4.00
6-00156	60228	Nb-94	0.0039 U	0.022	0.0065	0.0214	1.00 - 4.00
6-00156	60228	Np-236	-0.0347 U	0.0507	0.0179	0.047	1.00 - 4.00
6-00156	60228	Np-239	-0.0778 U	0.177	0.0562	0.139	1.00 - 4.00
6-00156	60228	Pa-231	-0.644 U	1.1	0.394	0.936	1.00 - 4.00
6-00156	60228	Pb-212	2.07	0.0511	0.134	2.69	1.00 - 4.00
6-00156	60228	Pb-214	1.46	0.0476	0.0725	1.7	1.00 - 4.00
6-00156	60228	Pu-236	-0.0075 U	0.0376	0.0073	7.79	1.00 - 4.00
6-00156	60228	Pu-238	0.0004 U	0.0308	0.0069	0.0415	1.00 - 4.00
6-00156	60228	Pu-239/240	0.0017 U	0.0242	0.0053	0.0404	1.00 - 4.00
6-00156	60228	Pu-244	0.0031	0.0083	0.0031	0.0313	1.00 - 4.00
6-00156	60228	Sb-125	-0.0238 U	0.0607	0.0197	0.354	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00156	60228	Sn-126	-0.004 U	0.0229	0.0069	0.0237	1.00 - 4.00
6-00156	60228	Sr-90	-0.0396 U	0.401	0.109	0.485	1.00 - 4.00
6-00156	60228	Th-228	1.51	0.1	0.141	3.98	1.00 - 4.00
6-00156	60228	Th-229	0.0214 U	0.0769	0.0215	0.145	1.00 - 4.00
6-00156	60228	Th-230	1.03	0.0524	0.105	2.2	1.00 - 4.00
6-00156	60228	Th-232	1.46	0.066	0.133	3.1	1.00 - 4.00
6-00156	60228	Th-234	2.1 J	0.417	0.252	3.19	1.00 - 4.00
6-00156	60228	Tl-208	0.627	0.0232	0.0358	0.937	1.00 - 4.00
6-00156	60228	Tm-171	-12.8 U	22.8	8.41	72.4	1.00 - 4.00
6-00156	60228	U-233/234	1.06	0.0581	0.115	2.02	1.00 - 4.00
6-00156	60228	U-235/236	0.0555	0.0215	0.0214	0.151	1.00 - 4.00
6-00156	60228	U-238	0.966	0.0506	0.107	1.8	1.00 - 4.00
6-00157	60229	Ac-227	-0.0223 U	0.193	0.0575	0.217	0.00 - 0.50
6-00157	60229	Ac-228	1.46	0.111	0.0682	2.4	0.00 - 0.50
6-00157	60229	Am-241	0.0067	0.0148	0.0046	0.0454	0.00 - 0.50
6-00157	60229	Bi-212	1.17	0.157	0.0995	2.15	0.00 - 0.50
6-00157	60229	Bi-214	1	0.0348	0.0493	1.59	0.00 - 0.50
6-00157	60229	Cd-113m	-62.7 U	128	41.2	3030	0.00 - 0.50
6-00157	60229	Cm-243/244	0.0128	0.027	0.0083	0.0443	0.00 - 0.50
6-00157	60229	Co-60	0.001 U	0.0217	0.0063	0.028	0.00 - 0.50
6-00157	60229	Cs-134	-0.0003 U	0.0178	0.006	0.0864	0.00 - 0.50
6-00157	60229	Cs-137	0.032	0.0193	0.0095	0.207	0.00 - 0.50
6-00157	60229	Eu-152	-0.0132 U	0.0499	0.0176	0.0566	0.00 - 0.50
6-00157	60229	Eu-154	-0.0546 U	0.113	0.0376	0.15	0.00 - 0.50
6-00157	60229	Eu-155	0.0758 SJ	0.0656	0.0266	0.231	0.00 - 0.50
6-00157	60229	Ho-166m	0.0075 UJ	0.031	0.0092	0.0432	0.00 - 0.50
6-00157	60229	K-40	24.4	0.147	1.38	32.4	0.00 - 0.50
6-00157	60229	Na-22	0.0123 U	0.0265	0.0081	0.037	0.00 - 0.50
6-00157	60229	Nb-94	0.0061 U	0.0177	0.0053	0.0214	0.00 - 0.50
6-00157	60229	Np-236	-0.0014 U	0.0343	0.0105	0.047	0.00 - 0.50
6-00157	60229	Np-239	-0.0038 U	0.129	0.038	0.139	0.00 - 0.50
6-00157	60229	Pa-231	-0.121 U	0.815	0.264	0.936	0.00 - 0.50
6-00157	60229	Pb-212	1.71	0.0338	0.0995	2.69	0.00 - 0.50
6-00157	60229	Pb-214	1.11	0.0358	0.0528	1.7	0.00 - 0.50
6-00157	60229	Pu-236	0.0054 U	0.0387	0.0103	7.79	0.00 - 0.50
6-00157	60229	Pu-238	-0.015 U	0.0405	0.0083	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00157	60229	Pu-239/240	-0.0018 U	0.0157	0.003	0.0404	0.00 - 0.50
6-00157	60229	Pu-244	0	0.0067	0.0025	0.0313	0.00 - 0.50
6-00157	60229	Sb-125	0.0194 U	0.0498	0.0155	0.354	0.00 - 0.50
6-00157	60229	Sn-126	-0.0024 U	0.02	0.006	0.0237	0.00 - 0.50
6-00157	60229	Sr-90	-0.0695 U	0.186	0.0481	0.485	0.00 - 0.50
6-00157	60229	Th-228	1.43	0.11	0.137	3.98	0.00 - 0.50
6-00157	60229	Th-229	0.0724	0.0672	0.0274	0.145	0.00 - 0.50
6-00157	60229	Th-230	0.614	0.0671	0.0771	2.2	0.00 - 0.50
6-00157	60229	Th-232	1.21	0.053	0.118	3.1	0.00 - 0.50
6-00157	60229	Th-234	1.81	0.267	0.155	3.19	0.00 - 0.50
6-00157	60229	Tl-208	0.532	0.0199	0.0312	0.937	0.00 - 0.50
6-00157	60229	Tm-171	-12.5 LU	11.5	4.96	72.4	0.00 - 0.50
6-00157	60229	U-233/234	0.671	0.0173	0.0608	2.02	0.00 - 0.50
6-00157	60229	U-235/236	0.0493	0.0213	0.0131	0.151	0.00 - 0.50
6-00157	60229	U-238	0.724	0.0218	0.0646	1.8	0.00 - 0.50
6-00157	60230	Ac-227	-0.0276 U	0.206	0.0621	0.217	1.00 - 3.25
6-00157	60230	Ac-228	1.43	0.102	0.0678	2.4	1.00 - 3.25
6-00157	60230	Am-241	0.0078	0.0152	0.0051	0.0454	1.00 - 3.25
6-00157	60230	Bi-212	1.16	0.144	0.0983	2.15	1.00 - 3.25
6-00157	60230	Bi-214	1.06	0.0317	0.0511	1.59	1.00 - 3.25
6-00157	60230	Cd-113m	86.8 J	141	46.2	3030	1.00 - 3.25
6-00157	60230	Cm-243/244	0.0007 U	0.0153	0.003	0.0443	1.00 - 3.25
6-00157	60230	Co-60	-0.0102 U	0.0191	0.0062	0.028	1.00 - 3.25
6-00157	60230	Cs-134	-0.0047 U	0.0159	0.0057	0.0864	1.00 - 3.25
6-00157	60230	Cs-137	-0.0018 U	0.0173	0.006	0.207	1.00 - 3.25
6-00157	60230	Eu-152	-0.0303 U	0.0507	0.0185	0.0566	1.00 - 3.25
6-00157	60230	Eu-154	0.0152 UJ	0.109	0.0318	0.15	1.00 - 3.25
6-00157	60230	Eu-155	0.0427 JS	0.0758	0.025	0.231	1.00 - 3.25
6-00157	60230	Ho-166m	-0.0205 UJ	0.027	0.0097	0.0432	1.00 - 3.25
6-00157	60230	K-40	23	0.154	1.45	32.4	1.00 - 3.25
6-00157	60230	Na-22	-0.0013 U	0.0233	0.007	0.037	1.00 - 3.25
6-00157	60230	Nb-94	0.0113 JS	0.0168	0.0055	0.0214	1.00 - 3.25
6-00157	60230	Np-236	-0.0262 U	0.0394	0.0138	0.047	1.00 - 3.25
6-00157	60230	Np-239	0.0117 U	0.14	0.0413	0.139	1.00 - 3.25
6-00157	60230	Pa-231	-0.19 U	0.84	0.293	0.936	1.00 - 3.25
6-00157	60230	Pb-212	1.66	0.0377	0.101	2.69	1.00 - 3.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00157	60230	Pb-214	1.19	0.0362	0.0573	1.7	1.00 - 3.25
6-00157	60230	Pu-236	-0.01 U	0.0532	0.0122	7.79	1.00 - 3.25
6-00157	60230	Pu-238	-0.0068 U	0.0442	0.0099	0.0415	1.00 - 3.25
6-00157	60230	Pu-239/240	0.011	0.0243	0.0076	0.0404	1.00 - 3.25
6-00157	60230	Pu-244	0.0062	0.0084	0.0044	0.0313	1.00 - 3.25
6-00157	60230	Sb-125	0.0303 JS	0.0506	0.016	0.354	1.00 - 3.25
6-00157	60230	Sn-126	-0.0051 U	0.0176	0.0055	0.0237	1.00 - 3.25
6-00157	60230	Sr-90	-0.0217 U	0.319	0.0875	0.485	1.00 - 3.25
6-00157	60230	Th-228	1.68	0.0541	0.148	3.98	1.00 - 3.25
6-00157	60230	Th-229	-0.0137 U	0.0738	0.0137	0.145	1.00 - 3.25
6-00157	60230	Th-230	1.16	0.0185	0.112	2.2	1.00 - 3.25
6-00157	60230	Th-232	1.34	0.0633	0.124	3.1	1.00 - 3.25
6-00157	60230	Th-234	1.63 J	0.328	0.185	3.19	1.00 - 3.25
6-00157	60230	Tl-208	0.487	0.0182	0.0282	0.937	1.00 - 3.25
6-00157	60230	Tm-171	-10.8 U	16.9	6.31	72.4	1.00 - 3.25
6-00157	60230	U-233/234	1.1	0.0676	0.114	2.02	1.00 - 3.25
6-00157	60230	U-235/236	0.0378	0.0456	0.0185	0.151	1.00 - 3.25
6-00157	60230	U-238	1.15	0.0581	0.118	1.8	1.00 - 3.25
6-00158	60231	Ac-227	-0.0085 U	0.131	0.0389	0.217	0.00 - 0.50
6-00158	60231	Ac-228	1.32	0.0689	0.0619	2.4	0.00 - 0.50
6-00158	60231	Am-241	0.0033 U	0.0155	0.0041	0.0454	0.00 - 0.50
6-00158	60231	Bi-212	0.997	0.0963	0.0725	2.15	0.00 - 0.50
6-00158	60231	Bi-214	0.598	0.0207	0.0297	1.59	0.00 - 0.50
6-00158	60231	Cd-113m	-46.1 U	85.7	28.1	3030	0.00 - 0.50
6-00158	60231	Cm-243/244	-0.0034 U	0.0181	0.0034	0.0443	0.00 - 0.50
6-00158	60231	Co-60	-0.0023 U	0.0129	0.0039	0.028	0.00 - 0.50
6-00158	60231	Cs-134	-0.0011 U	0.0108	0.0037	0.0864	0.00 - 0.50
6-00158	60231	Cs-137	0.0107 J	0.0126	0.0048	0.207	0.00 - 0.50
6-00158	60231	Eu-152	-0.0244 UJ	0.0317	0.0121	0.0566	0.00 - 0.50
6-00158	60231	Eu-154	-0.0211 U	0.068	0.0208	0.15	0.00 - 0.50
6-00158	60231	Eu-155	0.0639 JS	0.047	0.0202	0.231	0.00 - 0.50
6-00158	60231	Ho-166m	-0.001 U	0.0188	0.0056	0.0432	0.00 - 0.50
6-00158	60231	K-40	20.7	0.0882	1.25	32.4	0.00 - 0.50
6-00158	60231	Na-22	-0.0073 U	0.0151	0.0049	0.037	0.00 - 0.50
6-00158	60231	Nb-94	0.0058 JS	0.011	0.0035	0.0214	0.00 - 0.50
6-00158	60231	Np-236	0.0086 UJ	0.0256	0.0081	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00158	60231	Np-239	0.0179 U	0.0892	0.0266	0.139	0.00 - 0.50
6-00158	60231	Pa-231	-0.202 U	0.536	0.181	0.936	0.00 - 0.50
6-00158	60231	Pb-212	1.52	0.0226	0.102	2.69	0.00 - 0.50
6-00158	60231	Pb-214	0.66	0.0229	0.0354	1.7	0.00 - 0.50
6-00158	60231	Pu-236	-0.0016 U	0.0192	0.0042	7.79	0.00 - 0.50
6-00158	60231	Pu-238	0.0061	0.0041	0.0031	0.0415	0.00 - 0.50
6-00158	60231	Pu-239/240	0.003 U	0.0141	0.0037	0.0404	0.00 - 0.50
6-00158	60231	Pu-244	0.0061	0.0041	0.0031	0.0313	0.00 - 0.50
6-00158	60231	Sb-125	0.0158 JS	0.031	0.01	0.354	0.00 - 0.50
6-00158	60231	Sn-126	0.0013 U	0.0124	0.0037	0.0237	0.00 - 0.50
6-00158	60231	Sr-90	0.0063 U	0.111	0.031	0.485	0.00 - 0.50
6-00158	60231	Th-228	1.59	0.0704	0.145	3.98	0.00 - 0.50
6-00158	60231	Th-229	0.0142 U	0.0521	0.0142	0.145	0.00 - 0.50
6-00158	60231	Th-230	0.72	0.0656	0.084	2.2	0.00 - 0.50
6-00158	60231	Th-232	1.46	0.0191	0.133	3.1	0.00 - 0.50
6-00158	60231	Th-234	1.21	0.203	0.115	3.19	0.00 - 0.50
6-00158	60231	Tl-208	0.467	0.0119	0.0258	0.937	0.00 - 0.50
6-00158	60231	Tm-171	-1.72 U	10.4	3.51	72.4	0.00 - 0.50
6-00158	60231	U-233/234	0.505	0.0346	0.0645	2.02	0.00 - 0.50
6-00158	60231	U-235/236	0.0336	0.0182	0.0152	0.151	0.00 - 0.50
6-00158	60231	U-238	0.475	0.0346	0.062	1.8	0.00 - 0.50
6-00158	60232	Ac-227	-0.0383 U	0.22	0.0677	0.217	1.00 - 5.00
6-00158	60232	Ac-228	1.47	0.104	0.071	2.4	1.00 - 5.00
6-00158	60232	Am-241	0.0036 UJ	0.0177	0.0044	0.0454	1.00 - 5.00
6-00158	60232	Bi-212	1.21	0.144	0.111	2.15	1.00 - 5.00
6-00158	60232	Bi-214	1.26	0.0326	0.0584	1.59	1.00 - 5.00
6-00158	60232	Cd-113m	4.36 U	147	48.3	3030	1.00 - 5.00
6-00158	60232	Cm-243/244	0.008 UJ	0.0254	0.0072	0.0443	1.00 - 5.00
6-00158	60232	Co-60	0.001 U	0.0191	0.0055	0.028	1.00 - 5.00
6-00158	60232	Cs-134	0.0049 U	0.0171	0.0058	0.0864	1.00 - 5.00
6-00158	60232	Cs-137	0.0011 U	0.0183	0.0062	0.207	1.00 - 5.00
6-00158	60232	Eu-152	-0.0067 U	0.0541	0.0173	0.0566	1.00 - 5.00
6-00158	60232	Eu-154	-0.0372 UJ	0.11	0.0351	0.15	1.00 - 5.00
6-00158	60232	Eu-155	0.0858 JS	0.0842	0.0319	0.231	1.00 - 5.00
6-00158	60232	Ho-166m	-0.0187 U	0.0288	0.0099	0.0432	1.00 - 5.00
6-00158	60232	K-40	23.7	0.139	1.38	32.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00158	60232	Na-22	0.0024 U	0.0237	0.0069	0.037	1.00 - 5.00
6-00158	60232	Nb-94	0.0002 U	0.0164	0.0049	0.0214	1.00 - 5.00
6-00158	60232	Np-236	-0.0264 U	0.0428	0.0143	0.047	1.00 - 5.00
6-00158	60232	Np-239	-0.0382 U	0.148	0.046	0.139	1.00 - 5.00
6-00158	60232	Pa-231	-0.231 U	0.902	0.283	0.936	1.00 - 5.00
6-00158	60232	Pb-212	1.76	0.0381	0.106	2.69	1.00 - 5.00
6-00158	60232	Pb-214	1.35	0.0386	0.0651	1.7	1.00 - 5.00
6-00158	60232	Pu-236	0.0014 UJ	0.0373	0.0088	7.79	1.00 - 5.00
6-00158	60232	Pu-238	0.0167	0.0328	0.0104	0.0415	1.00 - 5.00
6-00158	60232	Pu-239/240	0.0018 UJ	0.0257	0.0057	0.0404	1.00 - 5.00
6-00158	60232	Pu-244	0.0065	0.0088	0.0046	0.0313	1.00 - 5.00
6-00158	60232	Sb-125	0.0152 U	0.0516	0.0153	0.354	1.00 - 5.00
6-00158	60232	Sn-126	0.0084 U	0.0189	0.0058	0.0237	1.00 - 5.00
6-00158	60232	Sr-90	0.0394 U	0.352	0.101	0.485	1.00 - 5.00
6-00158	60232	Th-228	1.39	0.107	0.137	3.98	1.00 - 5.00
6-00158	60232	Th-229	0.0533	0.0708	0.0255	0.145	1.00 - 5.00
6-00158	60232	Th-230	1.12	0.0818	0.116	2.2	1.00 - 5.00
6-00158	60232	Th-232	1.15	0.0205	0.116	3.1	1.00 - 5.00
6-00158	60232	Th-234	1.62 J	0.341	0.171	3.19	1.00 - 5.00
6-00158	60232	Tl-208	0.556	0.0191	0.0305	0.937	1.00 - 5.00
6-00158	60232	Tm-171	-9.85 U	16.4	6.02	72.4	1.00 - 5.00
6-00158	60232	U-233/234	1.15	0.0153	0.117	2.02	1.00 - 5.00
6-00158	60232	U-235/236	0.0628	0.0189	0.0214	0.151	1.00 - 5.00
6-00158	60232	U-238	1.27	0.0445	0.127	1.8	1.00 - 5.00
6-00159	60233	Ac-227	-0.0292 U	0.113	0.0343	0.217	0.00 - 0.50
6-00159	60233	Ac-228	1.23	0.0575	0.0543	2.4	0.00 - 0.50
6-00159	60233	Am-241	0.007	0.0131	0.0042	0.0454	0.00 - 0.50
6-00159	60233	Bi-212	0.801	0.0763	0.0574	2.15	0.00 - 0.50
6-00159	60233	Bi-214	0.894	0.0176	0.0391	1.59	0.00 - 0.50
6-00159	60233	Cd-113m	8.62 U	76.5	23.3	3030	0.00 - 0.50
6-00159	60233	Cm-243/244	-0.0014 U	0.0186	0.0043	0.0443	0.00 - 0.50
6-00159	60233	Co-60	0.0004 U	0.0106	0.0031	0.028	0.00 - 0.50
6-00159	60233	Cs-134	0.0035 U	0.0091	0.0033	0.0864	0.00 - 0.50
6-00159	60233	Cs-137	0.0424	0.0099	0.0055	0.207	0.00 - 0.50
6-00159	60233	Eu-152	-0.0118 U	0.0274	0.0087	0.0566	0.00 - 0.50
6-00159	60233	Eu-154	-0.0252 U	0.0566	0.0209	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00159	60233	Eu-155	0.0534 JS	0.0393	0.0167	0.231	0.00 - 0.50
6-00159	60233	Ho-166m	-0.0061 U	0.0153	0.0048	0.0432	0.00 - 0.50
6-00159	60233	K-40	22.3	0.0803	1.24	32.4	0.00 - 0.50
6-00159	60233	Na-22	0.0017 U	0.0127	0.0043	0.037	0.00 - 0.50
6-00159	60233	Nb-94	0.0014 U	0.0089	0.0026	0.0214	0.00 - 0.50
6-00159	60233	Np-236	-0.0082 U	0.0215	0.0069	0.047	0.00 - 0.50
6-00159	60233	Np-239	-0.0354 U	0.0748	0.0237	0.139	0.00 - 0.50
6-00159	60233	Pa-231	0.103 U	0.471	0.145	0.936	0.00 - 0.50
6-00159	60233	Pb-212	1.36	0.0216	0.0807	2.69	0.00 - 0.50
6-00159	60233	Pb-214	0.965	0.0199	0.045	1.7	0.00 - 0.50
6-00159	60233	Pu-236	0.0021	0.0056	0.0021	7.79	0.00 - 0.50
6-00159	60233	Pu-238	0 U	0.0145	0.0028	0.0415	0.00 - 0.50
6-00159	60233	Pu-239/240	-0.0059 U	0.0295	0.0065	0.0404	0.00 - 0.50
6-00159	60233	Pu-244	0.002	0.0053	0.002	0.0313	0.00 - 0.50
6-00159	60233	Sb-125	-0.0073 U	0.0259	0.0081	0.354	0.00 - 0.50
6-00159	60233	Sn-126	0.0012 U	0.01	0.0029	0.0237	0.00 - 0.50
6-00159	60233	Sr-90	-0.0093 U	0.0933	0.0241	0.485	0.00 - 0.50
6-00159	60233	Th-228	1.37	0.0814	0.13	3.98	0.00 - 0.50
6-00159	60233	Th-229	0.0352	0.0518	0.0187	0.145	0.00 - 0.50
6-00159	60233	Th-230	0.941	0.0653	0.0991	2.2	0.00 - 0.50
6-00159	60233	Th-232	1.44	0.019	0.131	3.1	0.00 - 0.50
6-00159	60233	Th-234	1.38	0.162	0.116	3.19	0.00 - 0.50
6-00159	60233	Tl-208	0.435	0.0095	0.0233	0.937	0.00 - 0.50
6-00159	60233	Tm-171	-3.41 UJ	6.6	2.38	72.4	0.00 - 0.50
6-00159	60233	U-233/234	1.08	0.0528	0.102	2.02	0.00 - 0.50
6-00159	60233	U-235/236	0.0398	0.0367	0.016	0.151	0.00 - 0.50
6-00159	60233	U-238	0.846	0.0568	0.085	1.8	0.00 - 0.50
6-00159	60234	Ac-227	0.0158 U	0.187	0.0634	0.217	3.00 - 8.00
6-00159	60234	Ac-228	1.38	0.0916	0.0665	2.4	3.00 - 8.00
6-00159	60234	Am-241	0 U	0.0198	0.0036	0.0454	3.00 - 8.00
6-00159	60234	Bi-212	0.898	0.129	0.0767	2.15	3.00 - 8.00
6-00159	60234	Bi-214	1.08	0.0285	0.0504	1.59	3.00 - 8.00
6-00159	60234	Cd-113m	-41.2 U	122	43.1	3030	3.00 - 8.00
6-00159	60234	Cm-243/244	0.0044 U	0.0227	0.0057	0.0443	3.00 - 8.00
6-00159	60234	Co-60	0.0068 U	0.0175	0.0053	0.028	3.00 - 8.00
6-00159	60234	Cs-134	0.0055 U	0.0145	0.0049	0.0864	3.00 - 8.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00159	60234	Cs-137	0.0223	0.0182	0.0058	0.207	3.00 - 8.00
6-00159	60234	Eu-152	0.0062 U	0.0457	0.0168	0.0566	3.00 - 8.00
6-00159	60234	Eu-154	-0.0691 UJ	0.0924	0.0331	0.15	3.00 - 8.00
6-00159	60234	Eu-155	0.0658 SJ	0.0668	0.0211	0.231	3.00 - 8.00
6-00159	60234	Ho-166m	-0.0165 U	0.0247	0.0084	0.0432	3.00 - 8.00
6-00159	60234	K-40	22.4	0.12	1.28	32.4	3.00 - 8.00
6-00159	60234	Na-22	0.0014 U	0.02	0.006	0.037	3.00 - 8.00
6-00159	60234	Nb-94	0.0093 SJ	0.0154	0.0049	0.0214	3.00 - 8.00
6-00159	60234	Np-236	-0.0081 U	0.0362	0.0108	0.047	3.00 - 8.00
6-00159	60234	Np-239	0.0301 U	0.128	0.0386	0.139	3.00 - 8.00
6-00159	60234	Pa-231	0.167 U	0.774	0.24	0.936	3.00 - 8.00
6-00159	60234	Pb-212	1.53	0.0328	0.0967	2.69	3.00 - 8.00
6-00159	60234	Pb-214	1.16	0.0327	0.0568	1.7	3.00 - 8.00
6-00159	60234	Pu-236	-0.0019 U	0.0172	0.0033	7.79	3.00 - 8.00
6-00159	60234	Pu-238	0.0007 U	0.0164	0.0032	0.0415	3.00 - 8.00
6-00159	60234	Pu-239/240	0.0014 U	0.0203	0.0045	0.0404	3.00 - 8.00
6-00159	60234	Pu-244	0.0026	0.007	0.0026	0.0313	3.00 - 8.00
6-00159	60234	Sb-125	0.0037 U	0.0443	0.0134	0.354	3.00 - 8.00
6-00159	60234	Sn-126	-0.0043 U	0.0161	0.0049	0.0237	3.00 - 8.00
6-00159	60234	Sr-90	-0.045 U	0.343	0.0902	0.485	3.00 - 8.00
6-00159	60234	Th-228	1.38	0.12	0.134	3.98	3.00 - 8.00
6-00159	60234	Th-229	0.007 U	0.0651	0.0157	0.145	3.00 - 8.00
6-00159	60234	Th-230	1.2	0.065	0.116	2.2	3.00 - 8.00
6-00159	60234	Th-232	1.39	0.0189	0.128	3.1	3.00 - 8.00
6-00159	60234	Th-234	1.71	0.279	0.159	3.19	3.00 - 8.00
6-00159	60234	Tl-208	0.464	0.0163	0.0271	0.937	3.00 - 8.00
6-00159	60234	Tm-171	-1.38 U	12.2	4.25	72.4	3.00 - 8.00
6-00159	60234	U-233/234	1.13	0.0226	0.102	2.02	3.00 - 8.00
6-00159	60234	U-235/236	0.127	0.0119	0.0253	0.151	3.00 - 8.00
6-00159	60234	U-238	1.12	0.0096	0.101	1.8	3.00 - 8.00
6-00160	60235	Ac-227	-0.063 U	0.118	0.0385	0.217	0.00 - 0.50
6-00160	60235	Ac-228	1.2	0.0633	0.0535	2.4	0.00 - 0.50
6-00160	60235	Am-241	0.0028 U	0.0152	0.004	0.0454	0.00 - 0.50
6-00160	60235	Bi-212	0.798	0.088	0.0562	2.15	0.00 - 0.50
6-00160	60235	Bi-214	0.926	0.0203	0.0408	1.59	0.00 - 0.50
6-00160	60235	Cd-113m	-26.8 U	78.8	27.6	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00160	60235	Cm-243/244	0.0014 U	0.0153	0.0038	0.0443	0.00 - 0.50
6-00160	60235	Co-60	0.0047 U	0.012	0.0036	0.028	0.00 - 0.50
6-00160	60235	Cs-134	0.0064 JS	0.0102	0.0037	0.0864	0.00 - 0.50
6-00160	60235	Cs-137	0.0461	0.0109	0.0048	0.207	0.00 - 0.50
6-00160	60235	Eu-152	0.0184 J	0.03	0.0116	0.0566	0.00 - 0.50
6-00160	60235	Eu-154	-0.0122 U	0.0657	0.0195	0.15	0.00 - 0.50
6-00160	60235	Eu-155	0.0779 JS	0.0413	0.0179	0.231	0.00 - 0.50
6-00160	60235	Ho-166m	0.001 U	0.0171	0.0051	0.0432	0.00 - 0.50
6-00160	60235	K-40	19.7	0.0835	1.06	32.4	0.00 - 0.50
6-00160	60235	Na-22	-0.0025 U	0.0139	0.0042	0.037	0.00 - 0.50
6-00160	60235	Nb-94	0.0086 JS	0.0104	0.0036	0.0214	0.00 - 0.50
6-00160	60235	Np-236	-0.0024 U	0.0223	0.0069	0.047	0.00 - 0.50
6-00160	60235	Np-239	0.0136 U	0.0795	0.0236	0.139	0.00 - 0.50
6-00160	60235	Pa-231	-0.32 U	0.483	0.169	0.936	0.00 - 0.50
6-00160	60235	Pb-212	1.3	0.021	0.0737	2.69	0.00 - 0.50
6-00160	60235	Pb-214	0.993	0.0211	0.0459	1.7	0.00 - 0.50
6-00160	60235	Pu-236	-0.0041 U	0.0248	0.0051	7.79	0.00 - 0.50
6-00160	60235	Pu-238	0.0039 U	0.0182	0.0048	0.0415	0.00 - 0.50
6-00160	60235	Pu-239/240	0.0313	0.0256	0.0101	0.0404	0.00 - 0.50
6-00160	60235	Pu-244	0.0059 U	0.021	0.0059	0.0313	0.00 - 0.50
6-00160	60235	Sb-125	0.0035 U	0.0282	0.0086	0.354	0.00 - 0.50
6-00160	60235	Sn-126	-0.0035 U	0.0112	0.0035	0.0237	0.00 - 0.50
6-00160	60235	Sr-90	0.116	0.154	0.0504	0.485	0.00 - 0.50
6-00160	60235	Th-228	1.45	0.106	0.141	3.98	0.00 - 0.50
6-00160	60235	Th-229	0.0302	0.0556	0.0186	0.145	0.00 - 0.50
6-00160	60235	Th-230	0.912	0.07	0.1	2.2	0.00 - 0.50
6-00160	60235	Th-232	1.13	0.0553	0.115	3.1	0.00 - 0.50
6-00160	60235	Th-234	1.55	0.171	0.119	3.19	0.00 - 0.50
6-00160	60235	Tl-208	0.421	0.0109	0.0228	0.937	0.00 - 0.50
6-00160	60235	Tm-171	-3.39 UJ	7.25	2.57	72.4	0.00 - 0.50
6-00160	60235	U-233/234	0.95	0.0518	0.0922	2.02	0.00 - 0.50
6-00160	60235	U-235/236	0.0586	0.0132	0.0174	0.151	0.00 - 0.50
6-00160	60235	U-238	1.04	0.0107	0.0979	1.8	0.00 - 0.50
6-00160	60236	Ac-227	0.0118 U	0.203	0.0617	0.217	1.20 - 5.20
6-00160	60236	Ac-228	1.32	0.101	0.0659	2.4	1.20 - 5.20
6-00160	60236	Am-241	-0.002 U	0.0344	0.0068	0.0454	1.20 - 5.20

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00160	60236	Bi-212	0.976	0.132	0.0825	2.15	1.20 - 5.20
6-00160	60236	Bi-214	1.14	0.0306	0.0527	1.59	1.20 - 5.20
6-00160	60236	Cd-113m	-75.7 U	135	47	3030	1.20 - 5.20
6-00160	60236	Cm-243/244	0.017	0.0292	0.0099	0.0443	1.20 - 5.20
6-00160	60236	Co-60	-0.0006 U	0.0179	0.0052	0.028	1.20 - 5.20
6-00160	60236	Cs-134	0.0043 U	0.0155	0.0053	0.0864	1.20 - 5.20
6-00160	60236	Cs-137	-0.0002 U	0.0182	0.0054	0.207	1.20 - 5.20
6-00160	60236	Eu-152	-0.0112 U	0.0492	0.0177	0.0566	1.20 - 5.20
6-00160	60236	Eu-154	-0.0316 U	0.104	0.0327	0.15	1.20 - 5.20
6-00160	60236	Eu-155	0.0356 U	0.0748	0.0236	0.231	1.20 - 5.20
6-00160	60236	Ho-166m	-0.0115 U	0.0265	0.0085	0.0432	1.20 - 5.20
6-00160	60236	K-40	23.4	0.123	1.36	32.4	1.20 - 5.20
6-00160	60236	Na-22	-0.0003 U	0.0212	0.0069	0.037	1.20 - 5.20
6-00160	60236	Nb-94	-0.002 U	0.0155	0.0047	0.0214	1.20 - 5.20
6-00160	60236	Np-236	0.0101 U	0.0398	0.012	0.047	1.20 - 5.20
6-00160	60236	Np-239	0.0336 U	0.136	0.0415	0.139	1.20 - 5.20
6-00160	60236	Pa-231	-0.408 U	0.83	0.275	0.936	1.20 - 5.20
6-00160	60236	Pb-212	1.51	0.035	0.0916	2.69	1.20 - 5.20
6-00160	60236	Pb-214	1.27	0.0349	0.0608	1.7	1.20 - 5.20
6-00160	60236	Pu-236	-0.0063 U	0.0265	0.0047	7.79	1.20 - 5.20
6-00160	60236	Pu-238	0.0087 U	0.0281	0.008	0.0415	1.20 - 5.20
6-00160	60236	Pu-239/240	0.0231	0.0178	0.0087	0.0404	1.20 - 5.20
6-00160	60236	Pu-244	0.0036 U	0.0178	0.0044	0.0313	1.20 - 5.20
6-00160	60236	Sb-125	0.0316 SJ	0.0474	0.0154	0.354	1.20 - 5.20
6-00160	60236	Sn-126	-0.0076 U	0.0168	0.0054	0.0237	1.20 - 5.20
6-00160	60236	Sr-90	0.099 U	0.204	0.0628	0.485	1.20 - 5.20
6-00160	60236	Th-228	1.27	0.118	0.123	3.98	1.20 - 5.20
6-00160	60236	Th-229	0.0592	0.0484	0.0221	0.145	1.20 - 5.20
6-00160	60236	Th-230	0.997	0.0178	0.0992	2.2	1.20 - 5.20
6-00160	60236	Th-232	1.24	0.0177	0.115	3.1	1.20 - 5.20
6-00160	60236	Th-234	1.62 J	0.318	0.177	3.19	1.20 - 5.20
6-00160	60236	Tl-208	0.468	0.0173	0.0267	0.937	1.20 - 5.20
6-00160	60236	Tm-171	-4.66 U	15	5.15	72.4	1.20 - 5.20
6-00160	60236	U-233/234	1.2	0.0452	0.122	2.02	1.20 - 5.20
6-00160	60236	U-235/236	0.0354	0.0192	0.016	0.151	1.20 - 5.20
6-00160	60236	U-238	1.25	0.0155	0.126	1.8	1.20 - 5.20

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00161	60237	Ac-227	0.0239 U	0.134	0.0403	0.217	0.00 - 0.50
6-00161	60237	Ac-228	1.21	0.0601	0.0589	2.4	0.00 - 0.50
6-00161	60237	Am-241	0.0104	0.0056	0.0047	0.0454	0.00 - 0.50
6-00161	60237	Bi-212	0.84	0.0859	0.06	2.15	0.00 - 0.50
6-00161	60237	Bi-214	0.703	0.0186	0.033	1.59	0.00 - 0.50
6-00161	60237	Cd-113m	-40.2 U	88	31	3030	0.00 - 0.50
6-00161	60237	Cm-243/244	0.0033 U	0.0165	0.0042	0.0443	0.00 - 0.50
6-00161	60237	Co-60	-0.0007 U	0.0112	0.0033	0.028	0.00 - 0.50
6-00161	60237	Cs-134	-0.0021 U	0.0094	0.0033	0.0864	0.00 - 0.50
6-00161	60237	Cs-137	0.0322	0.0112	0.0049	0.207	0.00 - 0.50
6-00161	60237	Eu-152	0.0114 U	0.0319	0.0129	0.0566	0.00 - 0.50
6-00161	60237	Eu-154	0.0105 U	0.0622	0.0187	0.15	0.00 - 0.50
6-00161	60237	Eu-155	0.0612 SJ	0.0489	0.0158	0.231	0.00 - 0.50
6-00161	60237	Ho-166m	0.0036 UJ	0.0168	0.005	0.0432	0.00 - 0.50
6-00161	60237	K-40	21	0.079	1.38	32.4	0.00 - 0.50
6-00161	60237	Na-22	-0.0064 U	0.0131	0.0042	0.037	0.00 - 0.50
6-00161	60237	Nb-94	0.0019 U	0.0095	0.0028	0.0214	0.00 - 0.50
6-00161	60237	Np-236	0.0183 SJ	0.0262	0.0137	0.047	0.00 - 0.50
6-00161	60237	Np-239	-0.0206 U	0.0896	0.0274	0.139	0.00 - 0.50
6-00161	60237	Pa-231	-0.355 U	0.537	0.208	0.936	0.00 - 0.50
6-00161	60237	Pb-212	1.42	0.0235	0.0943	2.69	0.00 - 0.50
6-00161	60237	Pb-214	0.829	0.022	0.0419	1.7	0.00 - 0.50
6-00161	60237	Pu-236	-0.0041 U	0.0382	0.0087	7.79	0.00 - 0.50
6-00161	60237	Pu-238	-0.0036 U	0.042	0.0101	0.0415	0.00 - 0.50
6-00161	60237	Pu-239/240	0.0053	0.0072	0.0037	0.0404	0.00 - 0.50
6-00161	60237	Pu-244	0.0106	0.0072	0.0053	0.0313	0.00 - 0.50
6-00161	60237	Sb-125	0.0144 U	0.0295	0.0095	0.354	0.00 - 0.50
6-00161	60237	Sn-126	-0.0034 U	0.0107	0.0033	0.0237	0.00 - 0.50
6-00161	60237	Sr-90	0.0274 U	0.178	0.0511	0.485	0.00 - 0.50
6-00161	60237	Th-228	1.38	0.108	0.134	3.98	0.00 - 0.50
6-00161	60237	Th-229	-0.0071 U	0.0934	0.0214	0.145	0.00 - 0.50
6-00161	60237	Th-230	0.781	0.0765	0.0891	2.2	0.00 - 0.50
6-00161	60237	Th-232	1.3	0.0192	0.122	3.1	0.00 - 0.50
6-00161	60237	Th-234	1.15 J	0.208	0.12	3.19	0.00 - 0.50
6-00161	60237	Tl-208	0.451	0.0106	0.0242	0.937	0.00 - 0.50
6-00161	60237	Tm-171	-16.8 LU	10.5	5.77	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00161	60237	U-233/234	0.7	0.0356	0.0635	2.02	0.00 - 0.50
6-00161	60237	U-235/236	0.0527	0.0316	0.0148	0.151	0.00 - 0.50
6-00161	60237	U-238	0.713	0.0446	0.0648	1.8	0.00 - 0.50
6-00161	60238	Ac-227	-0.0523 U	0.197	0.0622	0.217	1.00 - 5.00
6-00161	60238	Ac-228	1.51	0.107	0.0711	2.4	1.00 - 5.00
6-00161	60238	Am-241	0.0056 U	0.0172	0.0049	0.0454	1.00 - 5.00
6-00161	60238	Bi-212	1.03	0.142	0.0921	2.15	1.00 - 5.00
6-00161	60238	Bi-214	1.13	0.0317	0.0531	1.59	1.00 - 5.00
6-00161	60238	Cd-113m	-28.6 U	131	41	3030	1.00 - 5.00
6-00161	60238	Cm-243/244	-0.0079 U	0.024	0.0042	0.0443	1.00 - 5.00
6-00161	60238	Co-60	0.0072 U	0.0201	0.006	0.028	1.00 - 5.00
6-00161	60238	Cs-134	-0.004 U	0.0156	0.0055	0.0864	1.00 - 5.00
6-00161	60238	Cs-137	0.0009 U	0.0176	0.0061	0.207	1.00 - 5.00
6-00161	60238	Eu-152	-0.0288 U	0.0452	0.016	0.0566	1.00 - 5.00
6-00161	60238	Eu-154	-0.0014 UJ	0.101	0.0342	0.15	1.00 - 5.00
6-00161	60238	Eu-155	0.0996 JS	0.0728	0.0314	0.231	1.00 - 5.00
6-00161	60238	Ho-166m	0.0088 U	0.0289	0.0088	0.0432	1.00 - 5.00
6-00161	60238	K-40	25.5	0.143	1.45	32.4	1.00 - 5.00
6-00161	60238	Na-22	-0.0207 UJ	0.0218	0.0085	0.037	1.00 - 5.00
6-00161	60238	Nb-94	0.0024 U	0.0163	0.0049	0.0214	1.00 - 5.00
6-00161	60238	Np-236	-0.0049 U	0.0379	0.0112	0.047	1.00 - 5.00
6-00161	60238	Np-239	0.0484 U	0.132	0.0414	0.139	1.00 - 5.00
6-00161	60238	Pa-231	-0.152 U	0.821	0.257	0.936	1.00 - 5.00
6-00161	60238	Pb-212	1.72	0.0356	0.102	2.69	1.00 - 5.00
6-00161	60238	Pb-214	1.3	0.0336	0.0617	1.7	1.00 - 5.00
6-00161	60238	Pu-236	0.0008 U	0.0173	0.0034	7.79	1.00 - 5.00
6-00161	60238	Pu-238	0.0078	0.007	0.0045	0.0415	1.00 - 5.00
6-00161	60238	Pu-239/240	0.0026	0.007	0.0026	0.0404	1.00 - 5.00
6-00161	60238	Pu-244	0.0007 U	0.0164	0.0032	0.0313	1.00 - 5.00
6-00161	60238	Sb-125	0.0041 U	0.0458	0.0134	0.354	1.00 - 5.00
6-00161	60238	Sn-126	0.0029 U	0.0182	0.0055	0.0237	1.00 - 5.00
6-00161	60238	Sr-90	-0.0039 U	0.289	0.0799	0.485	1.00 - 5.00
6-00161	60238	Th-228	1.46	0.0787	0.135	3.98	1.00 - 5.00
6-00161	60238	Th-229	0.0545	0.0733	0.0257	0.145	1.00 - 5.00
6-00161	60238	Th-230	1.13	0.05	0.11	2.2	1.00 - 5.00
6-00161	60238	Th-232	1.4	0.0184	0.126	3.1	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00161	60238	Th-234	1.94	0.296	0.185	3.19	1.00 - 5.00
6-00161	60238	Tl-208	0.509	0.0182	0.0295	0.937	1.00 - 5.00
6-00161	60238	Tm-171	3.64 U	14.1	4.92	72.4	1.00 - 5.00
6-00161	60238	U-233/234	1.18	0.0524	0.135	2.02	1.00 - 5.00
6-00161	60238	U-235/236	0.0915	0.0276	0.0313	0.151	1.00 - 5.00
6-00161	60238	U-238	1.18	0.0649	0.135	1.8	1.00 - 5.00
6-00162	60239	Ac-227	-0.0234 U	0.143	0.0428	0.217	0.00 - 0.50
6-00162	60239	Ac-228	1.36	0.0779	0.0621	2.4	0.00 - 0.50
6-00162	60239	Am-241	-0.0009 U	0.0153	0.0028	0.0454	0.00 - 0.50
6-00162	60239	Bi-212	0.985	0.11	0.0731	2.15	0.00 - 0.50
6-00162	60239	Bi-214	0.941	0.024	0.0428	1.59	0.00 - 0.50
6-00162	60239	Cd-113m	-53.8 U	93.5	30.8	3030	0.00 - 0.50
6-00162	60239	Cm-243/244	0.0031 U	0.0154	0.0039	0.0443	0.00 - 0.50
6-00162	60239	Co-60	-0.0101 U	0.0148	0.0052	0.028	0.00 - 0.50
6-00162	60239	Cs-134	0.0052 U	0.0124	0.0043	0.0864	0.00 - 0.50
6-00162	60239	Cs-137	0.0407	0.0134	0.0052	0.207	0.00 - 0.50
6-00162	60239	Eu-152	-0.0192 U	0.0357	0.0118	0.0566	0.00 - 0.50
6-00162	60239	Eu-154	-0.0048 U	0.0814	0.0239	0.15	0.00 - 0.50
6-00162	60239	Eu-155	0.114 SJ	0.0508	0.0228	0.231	0.00 - 0.50
6-00162	60239	Ho-166m	-0.006 UJ	0.0209	0.0065	0.0432	0.00 - 0.50
6-00162	60239	K-40	24.1	0.0993	1.46	32.4	0.00 - 0.50
6-00162	60239	Na-22	-0.0006 U	0.0184	0.0055	0.037	0.00 - 0.50
6-00162	60239	Nb-94	0.0051 U	0.0124	0.0038	0.0214	0.00 - 0.50
6-00162	60239	Np-236	-0.006 U	0.0271	0.0083	0.047	0.00 - 0.50
6-00162	60239	Np-239	-0.0316 U	0.0965	0.0295	0.139	0.00 - 0.50
6-00162	60239	Pa-231	-0.505 LU	0.589	0.215	0.936	0.00 - 0.50
6-00162	60239	Pb-212	1.56	0.0254	0.092	2.69	0.00 - 0.50
6-00162	60239	Pb-214	1.03	0.0259	0.0485	1.7	0.00 - 0.50
6-00162	60239	Pu-236	0.0028 U	0.0365	0.0091	7.79	0.00 - 0.50
6-00162	60239	Pu-238	-0.0026 U	0.0414	0.0099	0.0415	0.00 - 0.50
6-00162	60239	Pu-239/240	0.0016 U	0.0219	0.0049	0.0404	0.00 - 0.50
6-00162	60239	Pu-244	0.0036 U	0.0177	0.0044	0.0313	0.00 - 0.50
6-00162	60239	Sb-125	0.0259 SJ	0.0363	0.0124	0.354	0.00 - 0.50
6-00162	60239	Sn-126	-0.0023 U	0.0134	0.004	0.0237	0.00 - 0.50
6-00162	60239	Sr-90	0.0453 U	0.212	0.0616	0.485	0.00 - 0.50
6-00162	60239	Th-228	1.55	0.0669	0.139	3.98	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00162	60239	Th-229	-0.0067 U	0.0716	0.0149	0.145	0.00 - 0.50
6-00162	60239	Th-230	0.783	0.0714	0.0866	2.2	0.00 - 0.50
6-00162	60239	Th-232	1.14	0.0615	0.11	3.1	0.00 - 0.50
6-00162	60239	Th-234	1.82	0.22	0.154	3.19	0.00 - 0.50
6-00162	60239	Tl-208	0.478	0.0128	0.026	0.937	0.00 - 0.50
6-00162	60239	Tm-171	-2.56 U	11.3	3.77	72.4	0.00 - 0.50
6-00162	60239	U-233/234	0.699	0.0317	0.0635	2.02	0.00 - 0.50
6-00162	60239	U-235/236	0.0747	0.022	0.0163	0.151	0.00 - 0.50
6-00162	60239	U-238	0.672	0.0178	0.0612	1.8	0.00 - 0.50
6-00163	60241	Ac-227	0.0045 U	0.12	0.035	0.217	0.00 - 0.50
6-00163	60241	Ac-228	1.12	0.0594	0.0514	2.4	0.00 - 0.50
6-00163	60241	Am-241	0.0026 U	0.0095	0.0026	0.0454	0.00 - 0.50
6-00163	60241	Bi-212	0.816	0.0811	0.0598	2.15	0.00 - 0.50
6-00163	60241	Bi-214	0.848	0.0184	0.0378	1.59	0.00 - 0.50
6-00163	60241	Cd-113m	4.2 U	80	23.4	3030	0.00 - 0.50
6-00163	60241	Cm-243/244	0 U	0.014	0.0032	0.0443	0.00 - 0.50
6-00163	60241	Co-60	-0.0038 U	0.0105	0.0034	0.028	0.00 - 0.50
6-00163	60241	Cs-134	0.026 SK	0.0092	0.004	0.0864	0.00 - 0.50
6-00163	60241	Cs-137	0.0358	0.0102	0.005	0.207	0.00 - 0.50
6-00163	60241	Eu-152	-0.0192 UJ	0.0287	0.0104	0.0566	0.00 - 0.50
6-00163	60241	Eu-154	-0.0333 U	0.0614	0.0202	0.15	0.00 - 0.50
6-00163	60241	Eu-155	0.0287 JS	0.0418	0.0142	0.231	0.00 - 0.50
6-00163	60241	Ho-166m	0.0006 U	0.016	0.0049	0.0432	0.00 - 0.50
6-00163	60241	K-40	21.5	0.0732	1.19	32.4	0.00 - 0.50
6-00163	60241	Na-22	0.005 U	0.0134	0.0041	0.037	0.00 - 0.50
6-00163	60241	Nb-94	0.0034 U	0.0095	0.003	0.0214	0.00 - 0.50
6-00163	60241	Np-236	0.0046 UJ	0.0231	0.0071	0.047	0.00 - 0.50
6-00163	60241	Np-239	-0.0044 U	0.0796	0.0249	0.139	0.00 - 0.50
6-00163	60241	Pa-231	-0.169 U	0.491	0.151	0.936	0.00 - 0.50
6-00163	60241	Pb-212	1.31	0.0211	0.0763	2.69	0.00 - 0.50
6-00163	60241	Pb-214	0.921	0.0211	0.0423	1.7	0.00 - 0.50
6-00163	60241	Pu-236	-0.0036 U	0.0214	0.0044	7.79	0.00 - 0.50
6-00163	60241	Pu-238	-0.0017 U	0.0183	0.0038	0.0415	0.00 - 0.50
6-00163	60241	Pu-239/240	0.0017 U	0.0125	0.0029	0.0404	0.00 - 0.50
6-00163	60241	Pu-244	0.0034 U	0.0125	0.0034	0.0313	0.00 - 0.50
6-00163	60241	Sb-125	0.0003 U	0.0277	0.0083	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00163	60241	Sn-126	0.0005 U	0.0103	0.0031	0.0237	0.00 - 0.50
6-00163	60241	Sr-90	0.0964	0.15	0.0476	0.485	0.00 - 0.50
6-00163	60241	Th-228	1.1	0.0763	0.11	3.98	0.00 - 0.50
6-00163	60241	Th-229	0.0662	0.0487	0.0232	0.145	0.00 - 0.50
6-00163	60241	Th-230	0.733	0.0179	0.0814	2.2	0.00 - 0.50
6-00163	60241	Th-232	1.03	0.0485	0.102	3.1	0.00 - 0.50
6-00163	60241	Th-234	1.37	0.176	0.122	3.19	0.00 - 0.50
6-00163	60241	Tl-208	0.383	0.0104	0.0206	0.937	0.00 - 0.50
6-00163	60241	Tm-171	1.11 U	7.93	2.64	72.4	0.00 - 0.50
6-00163	60241	U-233/234	0.694	0.0522	0.0794	2.02	0.00 - 0.50
6-00163	60241	U-235/236	0.0514	0.0174	0.0186	0.151	0.00 - 0.50
6-00163	60241	U-238	0.735	0.0331	0.082	1.8	0.00 - 0.50
6-00164	60243	Ac-227	0.116 J	0.202	0.0654	0.217	0.00 - 0.50
6-00164	60243	Ac-228	1.26	0.0897	0.0627	2.4	0.00 - 0.50
6-00164	60243	Am-241	0.0174	0.0207	0.0073	0.0454	0.00 - 0.50
6-00164	60243	Bi-212	0.86	0.124	0.0769	2.15	0.00 - 0.50
6-00164	60243	Bi-214	0.976	0.0282	0.0464	1.59	0.00 - 0.50
6-00164	60243	Cd-113m	-191 UJ	133	66.1	3030	0.00 - 0.50
6-00164	60243	Cm-243/244	0 U	0.0148	0.0032	0.0443	0.00 - 0.50
6-00164	60243	Co-60	0.0028 U	0.0158	0.0046	0.028	0.00 - 0.50
6-00164	60243	Cs-134	0.0365 JS	0.0164	0.0101	0.0864	0.00 - 0.50
6-00164	60243	Cs-137	0.0073 U	0.0167	0.0052	0.207	0.00 - 0.50
6-00164	60243	Eu-152	-0.0099 U	0.0485	0.0289	0.0566	0.00 - 0.50
6-00164	60243	Eu-154	0.0204 U	0.092	0.0279	0.15	0.00 - 0.50
6-00164	60243	Eu-155	0.0149 U	0.0766	0.0236	0.231	0.00 - 0.50
6-00164	60243	Ho-166m	-0.008 U	0.024	0.0075	0.0432	0.00 - 0.50
6-00164	60243	K-40	23	0.118	1.49	32.4	0.00 - 0.50
6-00164	60243	Na-22	-0.0074 U	0.019	0.0059	0.037	0.00 - 0.50
6-00164	60243	Nb-94	0.0035 U	0.0141	0.0043	0.0214	0.00 - 0.50
6-00164	60243	Np-236	-0.0269 U	0.0401	0.0139	0.047	0.00 - 0.50
6-00164	60243	Np-239	0.0144 U	0.136	0.0421	0.139	0.00 - 0.50
6-00164	60243	Pa-231	-0.272 U	0.813	0.291	0.936	0.00 - 0.50
6-00164	60243	Pb-212	1.56	0.0351	0.111	2.69	0.00 - 0.50
6-00164	60243	Pb-214	1.15	0.0338	0.0598	1.7	0.00 - 0.50
6-00164	60243	Pu-236	0.0043	0.0058	0.0031	7.79	0.00 - 0.50
6-00164	60243	Pu-238	-0.0021 U	0.0269	0.0062	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00164	60243	Pu-239/240	0.0082	0.019	0.0058	0.0404	0.00 - 0.50
6-00164	60243	Pu-244	0	0.0055	0.0021	0.0313	0.00 - 0.50
6-00164	60243	Sb-125	0.0047 U	0.0444	0.0132	0.354	0.00 - 0.50
6-00164	60243	Sn-126	0.0056 U	0.016	0.0049	0.0237	0.00 - 0.50
6-00164	60243	Sr-90	0.0069 U	0.11	0.0303	0.485	0.00 - 0.50
6-00164	60243	Th-228	1.51	0.0873	0.143	3.98	0.00 - 0.50
6-00164	60243	Th-229	-0.0302 U	0.0906	0.0169	0.145	0.00 - 0.50
6-00164	60243	Th-230	1.07	0.0204	0.11	2.2	0.00 - 0.50
6-00164	60243	Th-232	1.28	0.0203	0.124	3.1	0.00 - 0.50
6-00164	60243	Th-234	1.2 J	0.388	0.329	3.19	0.00 - 0.50
6-00164	60243	Tl-208	0.451	0.016	0.0262	0.937	0.00 - 0.50
6-00164	60243	Tm-171	22.3 J	20.4	8.94	72.4	0.00 - 0.50
6-00164	60243	U-233/234	0.804	0.0696	0.0835	2.02	0.00 - 0.50
6-00164	60243	U-235/236	0.0206 U	0.0676	0.0194	0.151	0.00 - 0.50
6-00164	60243	U-238	0.922	0.0449	0.0911	1.8	0.00 - 0.50
6-00164	60244	Ac-227	-0.0187 U	0.17	0.0502	0.217	1.00 - 5.00
6-00164	60244	Ac-228	1.21	0.0845	0.0572	2.4	1.00 - 5.00
6-00164	60244	Am-241	0.0028 U	0.0192	0.0045	0.0454	1.00 - 5.00
6-00164	60244	Bi-212	0.828	0.119	0.0769	2.15	1.00 - 5.00
6-00164	60244	Bi-214	0.96	0.0265	0.0449	1.59	1.00 - 5.00
6-00164	60244	Cd-113m	-61 U	114	41.5	3030	1.00 - 5.00
6-00164	60244	Cm-243/244	-0.0044 U	0.0261	0.0043	0.0443	1.00 - 5.00
6-00164	60244	Co-60	-0.0018 U	0.017	0.0049	0.028	1.00 - 5.00
6-00164	60244	Cs-134	0.0017 U	0.0132	0.0046	0.0864	1.00 - 5.00
6-00164	60244	Cs-137	0.0042 U	0.0154	0.0051	0.207	1.00 - 5.00
6-00164	60244	Eu-152	-0.0204 U	0.0422	0.0141	0.0566	1.00 - 5.00
6-00164	60244	Eu-154	-0.0626 UJ	0.0888	0.0313	0.15	1.00 - 5.00
6-00164	60244	Eu-155	0.0782 SJ	0.0585	0.0249	0.231	1.00 - 5.00
6-00164	60244	Ho-166m	0.0014 U	0.0248	0.0072	0.0432	1.00 - 5.00
6-00164	60244	K-40	23.2	0.13	1.31	32.4	1.00 - 5.00
6-00164	60244	Na-22	-0.0017 U	0.0195	0.0059	0.037	1.00 - 5.00
6-00164	60244	Nb-94	0.0119 SJ	0.0142	0.0048	0.0214	1.00 - 5.00
6-00164	60244	Np-236	-0.0052 U	0.0326	0.0101	0.047	1.00 - 5.00
6-00164	60244	Np-239	-0.026 U	0.116	0.0347	0.139	1.00 - 5.00
6-00164	60244	Pa-231	0.022 U	0.703	0.213	0.936	1.00 - 5.00
6-00164	60244	Pb-212	1.4	0.0299	0.0844	2.69	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00164	60244	Pb-214	1.06	0.03	0.0516	1.7	1.00 - 5.00
6-00164	60244	Pu-236	-0.0057 U	0.02	0.0035	7.79	1.00 - 5.00
6-00164	60244	Pu-238	-0.005 U	0.0207	0.0036	0.0415	1.00 - 5.00
6-00164	60244	Pu-239/240	0.003 U	0.015	0.0038	0.0404	1.00 - 5.00
6-00164	60244	Pu-244	0.0043	0.0121	0.0036	0.0313	1.00 - 5.00
6-00164	60244	Sb-125	-0.0005 U	0.0401	0.012	0.354	1.00 - 5.00
6-00164	60244	Sn-126	-0.002 U	0.0155	0.0046	0.0237	1.00 - 5.00
6-00164	60244	Sr-90	-0.055 U	0.233	0.0604	0.485	1.00 - 5.00
6-00164	60244	Th-228	1.18	0.0879	0.117	3.98	1.00 - 5.00
6-00164	60244	Th-229	0.0272 U	0.206	0.0586	0.145	1.00 - 5.00
6-00164	60244	Th-230	0.951	0.0184	0.0974	2.2	1.00 - 5.00
6-00164	60244	Th-232	1.14	0.0629	0.111	3.1	1.00 - 5.00
6-00164	60244	Th-234	1.53	0.248	0.148	3.19	1.00 - 5.00
6-00164	60244	Tl-208	0.417	0.0154	0.0241	0.937	1.00 - 5.00
6-00164	60244	Tm-171	2.23 U	10.1	3.39	72.4	1.00 - 5.00
6-00164	60244	U-233/234	0.887	0.0224	0.0839	2.02	1.00 - 5.00
6-00164	60244	U-235/236	0.0912	0.0118	0.0209	0.151	1.00 - 5.00
6-00164	60244	U-238	0.855	0.0224	0.0815	1.8	1.00 - 5.00
6-00165	60245	Ac-227	0.0075 U	0.13	0.0402	0.217	0.00 - 0.50
6-00165	60245	Ac-228	1.21	0.0816	0.054	2.4	0.00 - 0.50
6-00165	60245	Am-241	0.0014	0.0038	0.0014	0.0454	0.00 - 0.50
6-00165	60245	Bi-212	0.844	0.108	0.0694	2.15	0.00 - 0.50
6-00165	60245	Bi-214	0.909	0.0239	0.0423	1.59	0.00 - 0.50
6-00165	60245	Cd-113m	-41.8 U	83.5	28.1	3030	0.00 - 0.50
6-00165	60245	Cm-243/244	-0.0042 U	0.0185	0.0037	0.0443	0.00 - 0.50
6-00165	60245	Co-60	0.0008 U	0.0146	0.0042	0.028	0.00 - 0.50
6-00165	60245	Cs-134	0.0016 U	0.0124	0.0043	0.0864	0.00 - 0.50
6-00165	60245	Cs-137	0.0483	0.0132	0.0062	0.207	0.00 - 0.50
6-00165	60245	Eu-152	-0.0212 UJ	0.0333	0.0115	0.0566	0.00 - 0.50
6-00165	60245	Eu-154	-0.0573 UJ	0.0785	0.0278	0.15	0.00 - 0.50
6-00165	60245	Eu-155	0.0579 JS	0.0379	0.0156	0.231	0.00 - 0.50
6-00165	60245	Ho-166m	-0.0042 U	0.0211	0.0063	0.0432	0.00 - 0.50
6-00165	60245	K-40	19.3	0.114	1.04	32.4	0.00 - 0.50
6-00165	60245	Na-22	-0.0093 U	0.017	0.0063	0.037	0.00 - 0.50
6-00165	60245	Nb-94	0.0004 U	0.0123	0.0036	0.0214	0.00 - 0.50
6-00165	60245	Np-236	-0.0132 UJ	0.0208	0.007	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00165	60245	Np-239	-0.0064 U	0.0837	0.0258	0.139	0.00 - 0.50
6-00165	60245	Pa-231	0.233 U	0.537	0.174	0.936	0.00 - 0.50
6-00165	60245	Pb-212	1.36	0.0227	0.0752	2.69	0.00 - 0.50
6-00165	60245	Pb-214	1	0.0236	0.0451	1.7	0.00 - 0.50
6-00165	60245	Pu-236	0.0033 U	0.0154	0.0041	7.79	0.00 - 0.50
6-00165	60245	Pu-238	0.0016 U	0.0116	0.0027	0.0415	0.00 - 0.50
6-00165	60245	Pu-239/240	0.0047	0.0116	0.0035	0.0404	0.00 - 0.50
6-00165	60245	Pu-244	0.0016	0.0043	0.0016	0.0313	0.00 - 0.50
6-00165	60245	Sb-125	0.0075 U	0.0336	0.01	0.354	0.00 - 0.50
6-00165	60245	Sn-126	0.0063 U	0.014	0.0042	0.0237	0.00 - 0.50
6-00165	60245	Sr-90	-0.0352 U	0.108	0.0255	0.485	0.00 - 0.50
6-00165	60245	Th-228	1.08	0.0551	0.11	3.98	0.00 - 0.50
6-00165	60245	Th-229	0.056	0.019	0.0201	0.145	0.00 - 0.50
6-00165	60245	Th-230	1.08	0.0648	0.108	2.2	0.00 - 0.50
6-00165	60245	Th-232	0.884	0.0189	0.0938	3.1	0.00 - 0.50
6-00165	60245	Th-234	1.42	0.153	0.102	3.19	0.00 - 0.50
6-00165	60245	Tl-208	0.433	0.014	0.024	0.937	0.00 - 0.50
6-00165	60245	Tm-171	2.65 J	4.87	1.67	72.4	0.00 - 0.50
6-00165	60245	U-233/234	0.921	0.0109	0.0892	2.02	0.00 - 0.50
6-00165	60245	U-235/236	0.0474	0.0391	0.0175	0.151	0.00 - 0.50
6-00165	60245	U-238	0.997	0.0316	0.0951	1.8	0.00 - 0.50
6-00166	60247	Ac-227	-0.0296 U	0.134	0.0408	0.217	0.00 - 0.50
6-00166	60247	Ac-228	1.29	0.0662	0.0587	2.4	0.00 - 0.50
6-00166	60247	Am-241	0.0034 U	0.0125	0.0034	0.0454	0.00 - 0.50
6-00166	60247	Bi-212	0.939	0.0928	0.0624	2.15	0.00 - 0.50
6-00166	60247	Bi-214	0.886	0.0208	0.0396	1.59	0.00 - 0.50
6-00166	60247	Cd-113m	-31.7 U	88.3	27.7	3030	0.00 - 0.50
6-00166	60247	Cm-243/244	-0.0034 U	0.0205	0.0042	0.0443	0.00 - 0.50
6-00166	60247	Co-60	-0.0007 U	0.012	0.0036	0.028	0.00 - 0.50
6-00166	60247	Cs-134	0.0053 JS	0.0104	0.0036	0.0864	0.00 - 0.50
6-00166	60247	Cs-137	0.0407	0.0118	0.0052	0.207	0.00 - 0.50
6-00166	60247	Eu-152	-0.0215 UJ	0.0319	0.0118	0.0566	0.00 - 0.50
6-00166	60247	Eu-154	-0.0044 U	0.0658	0.0228	0.15	0.00 - 0.50
6-00166	60247	Eu-155	0.0963 JS	0.0462	0.0213	0.231	0.00 - 0.50
6-00166	60247	Ho-166m	0.0001 U	0.0183	0.0054	0.0432	0.00 - 0.50
6-00166	60247	K-40	24	0.0802	1.36	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00166	60247	Na-22	0.0015 U	0.014	0.0049	0.037	0.00 - 0.50
6-00166	60247	Nb-94	0.0045 U	0.0106	0.0033	0.0214	0.00 - 0.50
6-00166	60247	Np-236	0.0033 UJ	0.0257	0.0075	0.047	0.00 - 0.50
6-00166	60247	Np-239	-0.0109 U	0.0895	0.0269	0.139	0.00 - 0.50
6-00166	60247	Pa-231	0.11 U	0.551	0.172	0.936	0.00 - 0.50
6-00166	60247	Pb-212	1.52	0.0229	0.0951	2.69	0.00 - 0.50
6-00166	60247	Pb-214	1.07	0.0229	0.0515	1.7	0.00 - 0.50
6-00166	60247	Pu-236	-0.003 U	0.014	0.0026	7.79	0.00 - 0.50
6-00166	60247	Pu-238	0.0014 U	0.0105	0.0025	0.0415	0.00 - 0.50
6-00166	60247	Pu-239/240	0.0057 U	0.0201	0.0057	0.0404	0.00 - 0.50
6-00166	60247	Pu-244	0.0029	0.0039	0.002	0.0313	0.00 - 0.50
6-00166	60247	Sb-125	0.0129 U	0.0311	0.0098	0.354	0.00 - 0.50
6-00166	60247	Sn-126	0.0014 U	0.0118	0.0035	0.0237	0.00 - 0.50
6-00166	60247	Sr-90	0.0542 U	0.119	0.0365	0.485	0.00 - 0.50
6-00166	60247	Th-228	1.25	0.106	0.119	3.98	0.00 - 0.50
6-00166	60247	Th-229	0.0249 U	0.0747	0.0216	0.145	0.00 - 0.50
6-00166	60247	Th-230	0.893	0.0457	0.0908	2.2	0.00 - 0.50
6-00166	60247	Th-232	1.23	0.0455	0.113	3.1	0.00 - 0.50
6-00166	60247	Th-234	1.54	0.192	0.129	3.19	0.00 - 0.50
6-00166	60247	Tl-208	0.476	0.0115	0.0255	0.937	0.00 - 0.50
6-00166	60247	Tm-171	-5.51 U	8.58	3.3	72.4	0.00 - 0.50
6-00166	60247	U-233/234	0.881	0.0329	0.0933	2.02	0.00 - 0.50
6-00166	60247	U-235/236	0.0401	0.0407	0.0177	0.151	0.00 - 0.50
6-00166	60247	U-238	0.826	0.014	0.0888	1.8	0.00 - 0.50
6-00166	60248	Ac-227	-0.0965 U	0.161	0.0534	0.217	1.00 - 4.00
6-00166	60248	Ac-228	1.26	0.0845	0.0582	2.4	1.00 - 4.00
6-00166	60248	Am-241	0.0083	0.0123	0.0046	0.0454	1.00 - 4.00
6-00166	60248	Bi-212	0.912	0.114	0.076	2.15	1.00 - 4.00
6-00166	60248	Bi-214	1.08	0.0256	0.0493	1.59	1.00 - 4.00
6-00166	60248	Cd-113m	24.3 U	109	33.4	3030	1.00 - 4.00
6-00166	60248	Cm-243/244	-0.0056 U	0.0195	0.0034	0.0443	1.00 - 4.00
6-00166	60248	Co-60	-0.0057 U	0.0151	0.0047	0.028	1.00 - 4.00
6-00166	60248	Cs-134	-0.0008 U	0.0124	0.0044	0.0864	1.00 - 4.00
6-00166	60248	Cs-137	-0.0007 U	0.0144	0.0048	0.207	1.00 - 4.00
6-00166	60248	Eu-152	0.0027 U	0.0406	0.0124	0.0566	1.00 - 4.00
6-00166	60248	Eu-154	-0.0046 UJ	0.0868	0.0258	0.15	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00166	60248	Eu-155	0.0827 JS	0.0555	0.0239	0.231	1.00 - 4.00
6-00166	60248	Ho-166m	0.0035 U	0.0226	0.0066	0.0432	1.00 - 4.00
6-00166	60248	K-40	22.4	0.11	1.26	32.4	1.00 - 4.00
6-00166	60248	Na-22	-0.0056 U	0.0182	0.0057	0.037	1.00 - 4.00
6-00166	60248	Nb-94	0.0065 JS	0.0131	0.0054	0.0214	1.00 - 4.00
6-00166	60248	Np-236	-0.0003 U	0.0311	0.0106	0.047	1.00 - 4.00
6-00166	60248	Np-239	-0.0668 U	0.107	0.0355	0.139	1.00 - 4.00
6-00166	60248	Pa-231	-0.143 U	0.666	0.216	0.936	1.00 - 4.00
6-00166	60248	Pb-212	1.47	0.0286	0.0881	2.69	1.00 - 4.00
6-00166	60248	Pb-214	1.21	0.0278	0.0568	1.7	1.00 - 4.00
6-00166	60248	Pu-236	-0.0095 U	0.0388	0.0074	7.79	1.00 - 4.00
6-00166	60248	Pu-238	0.0136	0.0235	0.0079	0.0415	1.00 - 4.00
6-00166	60248	Pu-239/240	0.0017 U	0.0235	0.0052	0.0404	1.00 - 4.00
6-00166	60248	Pu-244	-0.0021 U	0.019	0.0037	0.0313	1.00 - 4.00
6-00166	60248	Sb-125	0.0037 U	0.0382	0.0114	0.354	1.00 - 4.00
6-00166	60248	Sn-126	-0.0041 U	0.0144	0.0044	0.0237	1.00 - 4.00
6-00166	60248	Sr-90	-0.0528 U	0.233	0.0609	0.485	1.00 - 4.00
6-00166	60248	Th-228	1.77	0.0808	0.155	3.98	1.00 - 4.00
6-00166	60248	Th-229	0.07	0.065	0.0265	0.145	1.00 - 4.00
6-00166	60248	Th-230	1.27	0.105	0.122	2.2	1.00 - 4.00
6-00166	60248	Th-232	1.46	0.0189	0.131	3.1	1.00 - 4.00
6-00166	60248	Th-234	1.67	0.24	0.148	3.19	1.00 - 4.00
6-00166	60248	Tl-208	0.46	0.0141	0.0259	0.937	1.00 - 4.00
6-00166	60248	Tm-171	-2.01 U	9.61	3.28	72.4	1.00 - 4.00
6-00166	60248	U-233/234	1.12	0.0573	0.116	2.02	1.00 - 4.00
6-00166	60248	U-235/236	0.0463	0.0557	0.0215	0.151	1.00 - 4.00
6-00166	60248	U-238	1.11	0.0623	0.115	1.8	1.00 - 4.00
6-00167	60249	Ac-227	0.0025 U	0.153	0.0451	0.217	0.00 - 0.50
6-00167	60249	Ac-228	1.42	0.0758	0.0668	2.4	0.00 - 0.50
6-00167	60249	Am-241	0.0024 U	0.0119	0.003	0.0454	0.00 - 0.50
6-00167	60249	Bi-212	0.961	0.103	0.0702	2.15	0.00 - 0.50
6-00167	60249	Bi-214	0.874	0.0234	0.0404	1.59	0.00 - 0.50
6-00167	60249	Cd-113m	6.95 U	104	33.6	3030	0.00 - 0.50
6-00167	60249	Cm-243/244	0.0048 U	0.0148	0.0042	0.0443	0.00 - 0.50
6-00167	60249	Co-60	-0.0009 U	0.0134	0.004	0.028	0.00 - 0.50
6-00167	60249	Cs-134	0.0137 SJ	0.0124	0.0052	0.0864	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00167	60249	Cs-137	0.0074	0.0149	0.0067	0.207	0.00 - 0.50
6-00167	60249	Eu-152	-0.0033 U	0.0373	0.0147	0.0566	0.00 - 0.50
6-00167	60249	Eu-154	-0.046 U	0.074	0.0249	0.15	0.00 - 0.50
6-00167	60249	Eu-155	0.0978 SJ	0.0542	0.0222	0.231	0.00 - 0.50
6-00167	60249	Ho-166m	-0.0014 UJ	0.0205	0.0063	0.0432	0.00 - 0.50
6-00167	60249	K-40	23.8	0.0994	1.45	32.4	0.00 - 0.50
6-00167	60249	Na-22	-0.0119 LU	0.0164	0.0058	0.037	0.00 - 0.50
6-00167	60249	Nb-94	0.0011 U	0.0118	0.0036	0.0214	0.00 - 0.50
6-00167	60249	Np-236	-0.0156 U	0.029	0.0104	0.047	0.00 - 0.50
6-00167	60249	Np-239	-0.0095 U	0.105	0.0312	0.139	0.00 - 0.50
6-00167	60249	Pa-231	-0.468 LU	0.627	0.229	0.936	0.00 - 0.50
6-00167	60249	Pb-212	1.61	0.0273	0.0979	2.69	0.00 - 0.50
6-00167	60249	Pb-214	0.986	0.0269	0.0469	1.7	0.00 - 0.50
6-00167	60249	Pu-236	-0.0033 U	0.0395	0.0092	7.79	0.00 - 0.50
6-00167	60249	Pu-238	-0.0002 U	0.0429	0.0109	0.0415	0.00 - 0.50
6-00167	60249	Pu-239/240	0.0011 U	0.0285	0.0067	0.0404	0.00 - 0.50
6-00167	60249	Pu-244	0.0078	0.0071	0.0046	0.0313	0.00 - 0.50
6-00167	60249	Sb-125	0.0121 U	0.0354	0.0108	0.354	0.00 - 0.50
6-00167	60249	Sn-126	-0.0021 U	0.0132	0.0041	0.0237	0.00 - 0.50
6-00167	60249	Sr-90	0.0614 U	0.226	0.0666	0.485	0.00 - 0.50
6-00167	60249	Th-228	1.3	0.138	0.142	3.98	0.00 - 0.50
6-00167	60249	Th-229	-0.0454 U	0.144	0.0301	0.145	0.00 - 0.50
6-00167	60249	Th-230	0.671	0.109	0.0918	2.2	0.00 - 0.50
6-00167	60249	Th-232	1.14	0.0245	0.123	3.1	0.00 - 0.50
6-00167	60249	Th-234	1.2 J	0.228	0.123	3.19	0.00 - 0.50
6-00167	60249	Tl-208	0.499	0.013	0.0269	0.937	0.00 - 0.50
6-00167	60249	Tm-171	-10.2 LU	10.2	4.56	72.4	0.00 - 0.50
6-00167	60249	U-233/234	0.796	0.0331	0.0776	2.02	0.00 - 0.50
6-00167	60249	U-235/236	0.0309	0.0325	0.0134	0.151	0.00 - 0.50
6-00167	60249	U-238	0.774	0.0097	0.0757	1.8	0.00 - 0.50
6-00167	60250	Ac-227	-0.122 U	0.226	0.0743	0.217	1.00 - 4.00
6-00167	60250	Ac-228	1.47	0.112	0.0718	2.4	1.00 - 4.00
6-00167	60250	Am-241	0.0019	0.0051	0.0019	0.0454	1.00 - 4.00
6-00167	60250	Bi-212	1.03	0.157	0.0942	2.15	1.00 - 4.00
6-00167	60250	Bi-214	1.21	0.0332	0.0581	1.59	1.00 - 4.00
6-00167	60250	Cd-113m	-97.8 U	146	51.8	3030	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00167	60250	Cm-243/244	0.0016 U	0.0172	0.0041	0.0443	1.00 - 4.00
6-00167	60250	Co-60	-0.0051 U	0.0214	0.0064	0.028	1.00 - 4.00
6-00167	60250	Cs-134	-0.0085 U	0.0167	0.0062	0.0864	1.00 - 4.00
6-00167	60250	Cs-137	-0.0001 U	0.0185	0.0064	0.207	1.00 - 4.00
6-00167	60250	Eu-152	-0.0235 U	0.0536	0.0212	0.0566	1.00 - 4.00
6-00167	60250	Eu-154	0.105 J	0.119	0.0452	0.15	1.00 - 4.00
6-00167	60250	Eu-155	0.116 JS	0.0795	0.0338	0.231	1.00 - 4.00
6-00167	60250	Ho-166m	-0.0148 U	0.0304	0.01	0.0432	1.00 - 4.00
6-00167	60250	K-40	25.3	0.163	1.59	32.4	1.00 - 4.00
6-00167	60250	Na-22	-0.001 U	0.0254	0.0086	0.037	1.00 - 4.00
6-00167	60250	Nb-94	-0.0071 U	0.0176	0.0057	0.0214	1.00 - 4.00
6-00167	60250	Np-236	-0.0139 U	0.0432	0.0137	0.047	1.00 - 4.00
6-00167	60250	Np-239	-0.039 U	0.152	0.0462	0.139	1.00 - 4.00
6-00167	60250	Pa-231	0.199 U	0.93	0.29	0.936	1.00 - 4.00
6-00167	60250	Pb-212	1.73	0.0405	0.105	2.69	1.00 - 4.00
6-00167	60250	Pb-214	1.41	0.0388	0.067	1.7	1.00 - 4.00
6-00167	60250	Pu-236	0.001 U	0.0221	0.0043	7.79	1.00 - 4.00
6-00167	60250	Pu-238	0.0032 U	0.0411	0.0103	0.0415	1.00 - 4.00
6-00167	60250	Pu-239/240	0.0094 U	0.0299	0.0085	0.0404	1.00 - 4.00
6-00167	60250	Pu-244	0.0033	0.009	0.0033	0.0313	1.00 - 4.00
6-00167	60250	Sb-125	0.0058 U	0.0512	0.0148	0.354	1.00 - 4.00
6-00167	60250	Sn-126	-0.0022 U	0.0201	0.0061	0.0237	1.00 - 4.00
6-00167	60250	Sr-90	0.0289 U	0.304	0.0863	0.485	1.00 - 4.00
6-00167	60250	Th-228	1.32	0.0941	0.143	3.98	1.00 - 4.00
6-00167	60250	Th-229	0.0567	0.0878	0.0301	0.145	1.00 - 4.00
6-00167	60250	Th-230	1.07	0.0255	0.121	2.2	1.00 - 4.00
6-00167	60250	Th-232	1.25	0.0692	0.134	3.1	1.00 - 4.00
6-00167	60250	Th-234	1.92 J	0.35	0.194	3.19	1.00 - 4.00
6-00167	60250	Tl-208	0.503	0.0207	0.0288	0.937	1.00 - 4.00
6-00167	60250	Tm-171	12.6 J	18.6	6.81	72.4	1.00 - 4.00
6-00167	60250	U-233/234	1.09	0.0604	0.119	2.02	1.00 - 4.00
6-00167	60250	U-235/236	0.118	0.0525	0.0337	0.151	1.00 - 4.00
6-00167	60250	U-238	1.16	0.0425	0.124	1.8	1.00 - 4.00
6-00168	60251	Ac-227	-0.0061 U	0.155	0.046	0.217	0.00 - 0.50
6-00168	60251	Ac-228	1.3	0.0864	0.0618	2.4	0.00 - 0.50
6-00168	60251	Am-241	0.0022 U	0.0193	0.0047	0.0454	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00168	60251	Bi-212	0.978	0.114	0.0757	2.15	0.00 - 0.50
6-00168	60251	Bi-214	0.96	0.0257	0.0445	1.59	0.00 - 0.50
6-00168	60251	Cd-113m	0.869 U	105	32.1	3030	0.00 - 0.50
6-00168	60251	Cm-243/244	0.003 U	0.0153	0.0039	0.0443	0.00 - 0.50
6-00168	60251	Co-60	0.001 U	0.0161	0.0048	0.028	0.00 - 0.50
6-00168	60251	Cs-134	0.0014 U	0.013	0.0044	0.0864	0.00 - 0.50
6-00168	60251	Cs-137	0.0006 U	0.0144	0.0049	0.207	0.00 - 0.50
6-00168	60251	Eu-152	0.0067 U	0.0386	0.0133	0.0566	0.00 - 0.50
6-00168	60251	Eu-154	-0.0198 U	0.0859	0.0258	0.15	0.00 - 0.50
6-00168	60251	Eu-155	0.104 JS	0.0543	0.0214	0.231	0.00 - 0.50
6-00168	60251	Ho-166m	-0.0093 U	0.0221	0.0071	0.0432	0.00 - 0.50
6-00168	60251	K-40	24.1	0.111	1.44	32.4	0.00 - 0.50
6-00168	60251	Na-22	-0.0051 U	0.0186	0.0057	0.037	0.00 - 0.50
6-00168	60251	Nb-94	0.0074 JS	0.0134	0.0043	0.0214	0.00 - 0.50
6-00168	60251	Np-236	-0.0097 U	0.0294	0.0093	0.047	0.00 - 0.50
6-00168	60251	Np-239	-0.0069 U	0.104	0.0308	0.139	0.00 - 0.50
6-00168	60251	Pa-231	-0.0513 U	0.649	0.201	0.936	0.00 - 0.50
6-00168	60251	Pb-212	1.43	0.027	0.0953	2.69	0.00 - 0.50
6-00168	60251	Pb-214	1.08	0.0272	0.0547	1.7	0.00 - 0.50
6-00168	60251	Pu-236	0 U	0.0211	0.0053	7.79	0.00 - 0.50
6-00168	60251	Pu-238	0.0013 U	0.0136	0.0034	0.0415	0.00 - 0.50
6-00168	60251	Pu-239/240	0.0025	0.0034	0.0018	0.0404	0.00 - 0.50
6-00168	60251	Pu-244	0.0051	0.0034	0.0025	0.0313	0.00 - 0.50
6-00168	60251	Sb-125	0.0162 U	0.0374	0.0118	0.354	0.00 - 0.50
6-00168	60251	Sn-126	-0.0079 U	0.0142	0.0047	0.0237	0.00 - 0.50
6-00168	60251	Sr-90	0.0377 U	0.116	0.0341	0.485	0.00 - 0.50
6-00168	60251	Th-228	1.1	0.0715	0.113	3.98	0.00 - 0.50
6-00168	60251	Th-229	0.0288	0.053	0.0177	0.145	0.00 - 0.50
6-00168	60251	Th-230	0.825	0.0667	0.092	2.2	0.00 - 0.50
6-00168	60251	Th-232	1.04	0.0194	0.105	3.1	0.00 - 0.50
6-00168	60251	Th-234	1.48	0.236	0.144	3.19	0.00 - 0.50
6-00168	60251	Tl-208	0.441	0.014	0.0247	0.937	0.00 - 0.50
6-00168	60251	Tm-171	-4.04 U	12.4	4.27	72.4	0.00 - 0.50
6-00168	60251	U-233/234	0.764	0.079	0.0921	2.02	0.00 - 0.50
6-00168	60251	U-235/236	0.0618	0.0713	0.0272	0.151	0.00 - 0.50
6-00168	60251	U-238	0.926	0.0406	0.104	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00168	60252	Ac-227	0.0083 U	0.159	0.0469	0.217	1.00 - 3.00
6-00168	60252	Ac-228	1.05	0.0926	0.0496	2.4	1.00 - 3.00
6-00168	60252	Am-241	0.0055 U	0.0169	0.0048	0.0454	1.00 - 3.00
6-00168	60252	Bi-212	0.741	0.122	0.0704	2.15	1.00 - 3.00
6-00168	60252	Bi-214	0.936	0.0266	0.0449	1.59	1.00 - 3.00
6-00168	60252	Cd-113m	15.4 U	107	31.7	3030	1.00 - 3.00
6-00168	60252	Cm-243/244	0.0024 U	0.0216	0.0053	0.0443	1.00 - 3.00
6-00168	60252	Co-60	0.0038 U	0.0166	0.0048	0.028	1.00 - 3.00
6-00168	60252	Cs-134	0.0014 U	0.0135	0.0045	0.0864	1.00 - 3.00
6-00168	60252	Cs-137	0.0034 U	0.0158	0.0053	0.207	1.00 - 3.00
6-00168	60252	Eu-152	-0.0094 U	0.0392	0.0138	0.0566	1.00 - 3.00
6-00168	60252	Eu-154	-0.053 U	0.0927	0.0316	0.15	1.00 - 3.00
6-00168	60252	Eu-155	0.0475 SJ	0.0526	0.0194	0.231	1.00 - 3.00
6-00168	60252	Ho-166m	-0.0044 U	0.0242	0.0073	0.0432	1.00 - 3.00
6-00168	60252	K-40	20.7	0.124	1.17	32.4	1.00 - 3.00
6-00168	60252	Na-22	-0.0067 U	0.0202	0.0062	0.037	1.00 - 3.00
6-00168	60252	Nb-94	0.0008 U	0.014	0.0041	0.0214	1.00 - 3.00
6-00168	60252	Np-236	0.0026 U	0.0284	0.0087	0.047	1.00 - 3.00
6-00168	60252	Np-239	-0.0424 U	0.104	0.0325	0.139	1.00 - 3.00
6-00168	60252	Pa-231	-0.0144 U	0.65	0.2	0.936	1.00 - 3.00
6-00168	60252	Pb-212	1.2	0.0266	0.0696	2.69	1.00 - 3.00
6-00168	60252	Pb-214	0.983	0.0275	0.0461	1.7	1.00 - 3.00
6-00168	60252	Pu-236	-0.0105 U	0.0443	0.0097	7.79	1.00 - 3.00
6-00168	60252	Pu-238	0.0106	0.0249	0.0076	0.0415	1.00 - 3.00
6-00168	60252	Pu-239/240	-0.0079 U	0.0276	0.0048	0.0404	1.00 - 3.00
6-00168	60252	Pu-244	0	0.0075	0.0028	0.0313	1.00 - 3.00
6-00168	60252	Sb-125	-0.0034 U	0.0386	0.0118	0.354	1.00 - 3.00
6-00168	60252	Sn-126	0.0047 U	0.0163	0.0049	0.0237	1.00 - 3.00
6-00168	60252	Sr-90	0.1 U	0.267	0.0802	0.485	1.00 - 3.00
6-00168	60252	Th-228	1.1	0.0771	0.103	3.98	1.00 - 3.00
6-00168	60252	Th-229	0.117	0.041	0.0275	0.145	1.00 - 3.00
6-00168	60252	Th-230	0.873	0.0517	0.0857	2.2	1.00 - 3.00
6-00168	60252	Th-232	0.953	0.015	0.0901	3.1	1.00 - 3.00
6-00168	60252	Th-234	1.23 J	0.22	0.126	3.19	1.00 - 3.00
6-00168	60252	Tl-208	0.401	0.0149	0.0239	0.937	1.00 - 3.00
6-00168	60252	Tm-171	-5.6 UJ	9.33	3.45	72.4	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00168	60252	U-233/234	0.851	0.052	0.0798	2.02	1.00 - 3.00
6-00168	60252	U-235/236	0.0347	0.0506	0.017	0.151	1.00 - 3.00
6-00168	60252	U-238	0.962	0.0336	0.087	1.8	1.00 - 3.00
6-00169	60253	Ac-227	-0.0684 U	0.126	0.0426	0.217	0.00 - 0.50
6-00169	60253	Ac-228	1.16	0.0661	0.053	2.4	0.00 - 0.50
6-00169	60253	Am-241	0.0025 U	0.0123	0.0031	0.0454	0.00 - 0.50
6-00169	60253	Bi-212	0.859	0.0912	0.064	2.15	0.00 - 0.50
6-00169	60253	Bi-214	0.962	0.0205	0.0426	1.59	0.00 - 0.50
6-00169	60253	Cd-113m	37.9 U	85.6	27.5	3030	0.00 - 0.50
6-00169	60253	Cm-243/244	0.0064	0.0124	0.0042	0.0443	0.00 - 0.50
6-00169	60253	Co-60	0.0007 U	0.0129	0.0039	0.028	0.00 - 0.50
6-00169	60253	Cs-134	0.0118 JS	0.0108	0.0045	0.0864	0.00 - 0.50
6-00169	60253	Cs-137	0.0372	0.0113	0.0052	0.207	0.00 - 0.50
6-00169	60253	Eu-152	-0.005 U	0.0317	0.0094	0.0566	0.00 - 0.50
6-00169	60253	Eu-154	0.0171 U	0.0682	0.0233	0.15	0.00 - 0.50
6-00169	60253	Eu-155	0.0562 JS	0.0444	0.0182	0.231	0.00 - 0.50
6-00169	60253	Ho-166m	0.0153 JS	0.0187	0.0066	0.0432	0.00 - 0.50
6-00169	60253	K-40	24.5	0.0867	1.38	32.4	0.00 - 0.50
6-00169	60253	Na-22	-0.01 U	0.0147	0.0052	0.037	0.00 - 0.50
6-00169	60253	Nb-94	0.0117 JS	0.0109	0.0042	0.0214	0.00 - 0.50
6-00169	60253	Np-236	-0.0187 UJ	0.0237	0.0084	0.047	0.00 - 0.50
6-00169	60253	Np-239	0.0173 U	0.0852	0.0262	0.139	0.00 - 0.50
6-00169	60253	Pa-231	-0.0622 U	0.526	0.164	0.936	0.00 - 0.50
6-00169	60253	Pb-212	1.32	0.0221	0.0783	2.69	0.00 - 0.50
6-00169	60253	Pb-214	1.04	0.022	0.0476	1.7	0.00 - 0.50
6-00169	60253	Pu-236	-0.0015 U	0.0159	0.0033	7.79	0.00 - 0.50
6-00169	60253	Pu-238	-0.0042 U	0.0198	0.0042	0.0415	0.00 - 0.50
6-00169	60253	Pu-239/240	0.0042	0.0038	0.0024	0.0404	0.00 - 0.50
6-00169	60253	Pu-244	0.007	0.0038	0.0032	0.0313	0.00 - 0.50
6-00169	60253	Sb-125	0.0009 U	0.03	0.0088	0.354	0.00 - 0.50
6-00169	60253	Sn-126	0.0026 U	0.0115	0.0035	0.0237	0.00 - 0.50
6-00169	60253	Sr-90	0.0658	0.108	0.0344	0.485	0.00 - 0.50
6-00169	60253	Th-228	1.19	0.12	0.121	3.98	0.00 - 0.50
6-00169	60253	Th-229	0 U	0.0849	0.02	0.145	0.00 - 0.50
6-00169	60253	Th-230	0.874	0.0519	0.0942	2.2	0.00 - 0.50
6-00169	60253	Th-232	1.09	0.0518	0.109	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00169	60253	Th-234	1.57	0.191	0.136	3.19	0.00 - 0.50
6-00169	60253	Tl-208	0.403	0.0116	0.022	0.937	0.00 - 0.50
6-00169	60253	Tm-171	-0.0387 U	9.09	3.15	72.4	0.00 - 0.50
6-00169	60253	U-233/234	0.829	0.0397	0.095	2.02	0.00 - 0.50
6-00169	60253	U-235/236	0.0407	0.0491	0.0199	0.151	0.00 - 0.50
6-00169	60253	U-238	0.871	0.0564	0.0989	1.8	0.00 - 0.50
6-00169	60254	Ac-227	-0.0797 U	0.142	0.0469	0.217	1.00 - 2.50
6-00169	60254	Ac-228	1.2	0.0724	0.0554	2.4	1.00 - 2.50
6-00169	60254	Am-241	0.0071	0.0197	0.0058	0.0454	1.00 - 2.50
6-00169	60254	Bi-212	0.81	0.0983	0.062	2.15	1.00 - 2.50
6-00169	60254	Bi-214	0.97	0.0217	0.0434	1.59	1.00 - 2.50
6-00169	60254	Cd-113m	15.2 U	95	32.5	3030	1.00 - 2.50
6-00169	60254	Cm-243/244	-0.0005 UJ	0.0282	0.0059	0.0443	1.00 - 2.50
6-00169	60254	Co-60	-0.003 U	0.0136	0.0041	0.028	1.00 - 2.50
6-00169	60254	Cs-134	0.0032 U	0.0112	0.0039	0.0864	1.00 - 2.50
6-00169	60254	Cs-137	-0.0011 U	0.0123	0.0043	0.207	1.00 - 2.50
6-00169	60254	Eu-152	0.0058 U	0.0348	0.013	0.0566	1.00 - 2.50
6-00169	60254	Eu-154	0.0255 U	0.0748	0.0259	0.15	1.00 - 2.50
6-00169	60254	Eu-155	0.0554 SJ	0.0504	0.0188	0.231	1.00 - 2.50
6-00169	60254	Ho-166m	-0.0031 U	0.0199	0.0061	0.0432	1.00 - 2.50
6-00169	60254	K-40	22.6	0.0927	1.41	32.4	1.00 - 2.50
6-00169	60254	Na-22	-0.0116 UJ	0.0159	0.0057	0.037	1.00 - 2.50
6-00169	60254	Nb-94	0.0042 U	0.0113	0.0035	0.0214	1.00 - 2.50
6-00169	60254	Np-236	-0.0228 UJ	0.0271	0.0101	0.047	1.00 - 2.50
6-00169	60254	Np-239	0.0088 U	0.0959	0.0285	0.139	1.00 - 2.50
6-00169	60254	Pa-231	-0.105 U	0.594	0.196	0.936	1.00 - 2.50
6-00169	60254	Pb-212	1.39	0.0245	0.0834	2.69	1.00 - 2.50
6-00169	60254	Pb-214	1.09	0.0246	0.0505	1.7	1.00 - 2.50
6-00169	60254	Pu-236	-0.0044 U	0.0234	0.0041	7.79	1.00 - 2.50
6-00169	60254	Pu-238	-0.0004 U	0.0202	0.0042	0.0415	1.00 - 2.50
6-00169	60254	Pu-239/240	-0.0032 U	0.0175	0.0032	0.0404	1.00 - 2.50
6-00169	60254	Pu-244	0.0073 J	0.0142	0.0048	0.0313	1.00 - 2.50
6-00169	60254	Sb-125	0.0013 U	0.0329	0.0096	0.354	1.00 - 2.50
6-00169	60254	Sn-126	0.003 U	0.0126	0.0038	0.0237	1.00 - 2.50
6-00169	60254	Sr-90	0.14 U	0.246	0.0772	0.485	1.00 - 2.50
6-00169	60254	Th-228	1.26	0.0855	0.112	3.98	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00169	60254	Th-229	0.0486	0.0398	0.0181	0.145	1.00 - 2.50
6-00169	60254	Th-230	0.83	0.0647	0.0827	2.2	1.00 - 2.50
6-00169	60254	Th-232	1.09	0.0395	0.098	3.1	1.00 - 2.50
6-00169	60254	Th-234	1.53	0.215	0.147	3.19	1.00 - 2.50
6-00169	60254	Tl-208	0.413	0.0119	0.0228	0.937	1.00 - 2.50
6-00169	60254	Tm-171	7.76 J	11.6	4.25	72.4	1.00 - 2.50
6-00169	60254	U-233/234	0.916	0.0425	0.0848	2.02	1.00 - 2.50
6-00169	60254	U-235/236	0.0761	0.0295	0.0191	0.151	1.00 - 2.50
6-00169	60254	U-238	0.982	0.0457	0.0896	1.8	1.00 - 2.50
6-00170	60255	Ac-227	-0.0326 U	0.121	0.0367	0.217	0.00 - 0.50
6-00170	60255	Ac-228	1.32	0.0605	0.0582	2.4	0.00 - 0.50
6-00170	60255	Am-241	0.0041 U	0.0127	0.0036	0.0454	0.00 - 0.50
6-00170	60255	Bi-212	0.915	0.0845	0.0642	2.15	0.00 - 0.50
6-00170	60255	Bi-214	0.978	0.0189	0.043	1.59	0.00 - 0.50
6-00170	60255	Cd-113m	14.6 U	80.8	24	3030	0.00 - 0.50
6-00170	60255	Cm-243/244	0.0083 U	0.0269	0.0078	0.0443	0.00 - 0.50
6-00170	60255	Co-60	-0.0051 U	0.0109	0.0035	0.028	0.00 - 0.50
6-00170	60255	Cs-134	0.0059 JS	0.0096	0.0036	0.0864	0.00 - 0.50
6-00170	60255	Cs-137	0.0211	0.0096	0.0051	0.207	0.00 - 0.50
6-00170	60255	Eu-152	-0.0158 U	0.0296	0.0097	0.0566	0.00 - 0.50
6-00170	60255	Eu-154	-0.0286 U	0.0645	0.0208	0.15	0.00 - 0.50
6-00170	60255	Eu-155	0.0587 JS	0.0426	0.0162	0.231	0.00 - 0.50
6-00170	60255	Ho-166m	-0.0005 U	0.017	0.005	0.0432	0.00 - 0.50
6-00170	60255	K-40	23.7	0.0858	1.32	32.4	0.00 - 0.50
6-00170	60255	Na-22	0.005 U	0.0138	0.0043	0.037	0.00 - 0.50
6-00170	60255	Nb-94	0.0049 JS	0.0099	0.0031	0.0214	0.00 - 0.50
6-00170	60255	Np-236	-0.0194 UJ	0.0227	0.0084	0.047	0.00 - 0.50
6-00170	60255	Np-239	-0.0088 U	0.0826	0.0244	0.139	0.00 - 0.50
6-00170	60255	Pa-231	-0.081 U	0.498	0.154	0.936	0.00 - 0.50
6-00170	60255	Pb-212	1.51	0.0209	0.0895	2.69	0.00 - 0.50
6-00170	60255	Pb-214	1.07	0.021	0.0497	1.7	0.00 - 0.50
6-00170	60255	Pu-236	-0.0013 U	0.0231	0.0058	7.79	0.00 - 0.50
6-00170	60255	Pu-238	0 U	0.021	0.0054	0.0415	0.00 - 0.50
6-00170	60255	Pu-239/240	-0.0013 U	0.0117	0.0022	0.0404	0.00 - 0.50
6-00170	60255	Pu-244	0.0076	0.0117	0.004	0.0313	0.00 - 0.50
6-00170	60255	Sb-125	0.0004 U	0.0281	0.0085	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00170	60255	Sn-126	0.003 U	0.0109	0.0032	0.0237	0.00 - 0.50
6-00170	60255	Sr-90	-0.029 U	0.109	0.028	0.485	0.00 - 0.50
6-00170	60255	Th-228	1.2	0.0609	0.123	3.98	0.00 - 0.50
6-00170	60255	Th-229	-0.0387 U	0.109	0.0205	0.145	0.00 - 0.50
6-00170	60255	Th-230	0.803	0.0568	0.0925	2.2	0.00 - 0.50
6-00170	60255	Th-232	0.893	0.0567	0.0988	3.1	0.00 - 0.50
6-00170	60255	Th-234	1.52	0.181	0.122	3.19	0.00 - 0.50
6-00170	60255	Tl-208	0.487	0.0102	0.0253	0.937	0.00 - 0.50
6-00170	60255	Tm-171	-3.44 U	7.12	2.55	72.4	0.00 - 0.50
6-00170	60255	U-233/234	0.849	0.0592	0.0958	2.02	0.00 - 0.50
6-00170	60255	U-235/236	0.0353	0.066	0.0215	0.151	0.00 - 0.50
6-00170	60255	U-238	0.916	0.0376	0.101	1.8	0.00 - 0.50
6-00170	60256	Ac-227	-0.0285 U	0.152	0.0477	0.217	1.00 - 4.50
6-00170	60256	Ac-228	1.22	0.0746	0.057	2.4	1.00 - 4.50
6-00170	60256	Am-241	0.0057	0.0159	0.0047	0.0454	1.00 - 4.50
6-00170	60256	Bi-212	0.952	0.0984	0.0702	2.15	1.00 - 4.50
6-00170	60256	Bi-214	0.968	0.022	0.0435	1.59	1.00 - 4.50
6-00170	60256	Cd-113m	-5.48 U	102	31.7	3030	1.00 - 4.50
6-00170	60256	Cm-243/244	0.0075	0.0068	0.0044	0.0443	1.00 - 4.50
6-00170	60256	Co-60	-0.004 U	0.0139	0.0043	0.028	1.00 - 4.50
6-00170	60256	Cs-134	-0.0051 U	0.0111	0.004	0.0864	1.00 - 4.50
6-00170	60256	Cs-137	0.0002 U	0.0124	0.0042	0.207	1.00 - 4.50
6-00170	60256	Eu-152	-0.0185 U	0.0366	0.0142	0.0566	1.00 - 4.50
6-00170	60256	Eu-154	0.0188 U	0.0789	0.024	0.15	1.00 - 4.50
6-00170	60256	Eu-155	0.0611 SJ	0.0591	0.0227	0.231	1.00 - 4.50
6-00170	60256	Ho-166m	-0.0021 U	0.0199	0.0059	0.0432	1.00 - 4.50
6-00170	60256	K-40	22.1	0.101	1.36	32.4	1.00 - 4.50
6-00170	60256	Na-22	-0.0059 U	0.0165	0.006	0.037	1.00 - 4.50
6-00170	60256	Nb-94	0.0069 SJ	0.0121	0.0039	0.0214	1.00 - 4.50
6-00170	60256	Np-236	-0.0041 U	0.0306	0.0092	0.047	1.00 - 4.50
6-00170	60256	Np-239	-0.0293 U	0.102	0.0325	0.139	1.00 - 4.50
6-00170	60256	Pa-231	-0.123 U	0.63	0.199	0.936	1.00 - 4.50
6-00170	60256	Pb-212	1.37	0.0262	0.0898	2.69	1.00 - 4.50
6-00170	60256	Pb-214	1.13	0.0262	0.0555	1.7	1.00 - 4.50
6-00170	60256	Pu-236	-0.006 UJ	0.0318	0.0056	7.79	1.00 - 4.50
6-00170	60256	Pu-238	0.0017 UJ	0.0239	0.0053	0.0415	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00170	60256	Pu-239/240	-0.0087 UJ	0.0304	0.0053	0.0404	1.00 - 4.50
6-00170	60256	Pu-244	-0.0022 UJ	0.0193	0.0037	0.0313	1.00 - 4.50
6-00170	60256	Sb-125	0.0291 SJ	0.0354	0.0124	0.354	1.00 - 4.50
6-00170	60256	Sn-126	-0.0003 U	0.0134	0.004	0.0237	1.00 - 4.50
6-00170	60256	Sr-90	0.214 U	0.456	0.14	0.485	1.00 - 4.50
6-00170	60256	Th-228	1.28	0.0623	0.112	3.98	1.00 - 4.50
6-00170	60256	Th-229	0.0604	0.051	0.0215	0.145	1.00 - 4.50
6-00170	60256	Th-230	0.953	0.0509	0.0902	2.2	1.00 - 4.50
6-00170	60256	Th-232	1.17	0.0148	0.103	3.1	1.00 - 4.50
6-00170	60256	Th-234	1.56	0.258	0.155	3.19	1.00 - 4.50
6-00170	60256	Tl-208	0.408	0.0133	0.0223	0.937	1.00 - 4.50
6-00170	60256	Tm-171	-12.8 UJ	14.8	5.87	72.4	1.00 - 4.50
6-00170	60256	U-233/234	0.892	0.0452	0.0844	2.02	1.00 - 4.50
6-00170	60256	U-235/236	0.0638	0.0115	0.0171	0.151	1.00 - 4.50
6-00170	60256	U-238	0.964	0.0093	0.0889	1.8	1.00 - 4.50
6-00171	60257	Ac-227	-0.102 U	0.168	0.0561	0.217	0.00 - 0.50
6-00171	60257	Ac-228	1.19	0.105	0.0567	2.4	0.00 - 0.50
6-00171	60257	Am-241	0.0043	0.0039	0.0025	0.0454	0.00 - 0.50
6-00171	60257	Bi-212	0.818	0.146	0.0756	2.15	0.00 - 0.50
6-00171	60257	Bi-214	0.94	0.0305	0.0458	1.59	0.00 - 0.50
6-00171	60257	Cd-113m	-69.1 U	114	38.1	3030	0.00 - 0.50
6-00171	60257	Cm-243/244	0.0044	0.0039	0.0025	0.0443	0.00 - 0.50
6-00171	60257	Co-60	0.0063 U	0.0191	0.0056	0.028	0.00 - 0.50
6-00171	60257	Cs-134	0.0097 JS	0.0157	0.0056	0.0864	0.00 - 0.50
6-00171	60257	Cs-137	-0.0038 U	0.0178	0.0054	0.207	0.00 - 0.50
6-00171	60257	Eu-152	0.0032 UJ	0.0442	0.0151	0.0566	0.00 - 0.50
6-00171	60257	Eu-154	-0.0216 U	0.102	0.0316	0.15	0.00 - 0.50
6-00171	60257	Eu-155	0.0663 JS	0.0555	0.0211	0.231	0.00 - 0.50
6-00171	60257	Ho-166m	-0.0051 U	0.0267	0.0081	0.0432	0.00 - 0.50
6-00171	60257	K-40	21.6	0.129	1.22	32.4	0.00 - 0.50
6-00171	60257	Na-22	0.0001 U	0.0217	0.0064	0.037	0.00 - 0.50
6-00171	60257	Nb-94	0.0043 U	0.0161	0.0048	0.0214	0.00 - 0.50
6-00171	60257	Np-236	0.0067 UJ	0.0308	0.01	0.047	0.00 - 0.50
6-00171	60257	Np-239	-0.0151 U	0.113	0.0335	0.139	0.00 - 0.50
6-00171	60257	Pa-231	-0.0881 U	0.727	0.225	0.936	0.00 - 0.50
6-00171	60257	Pb-212	1.41	0.0299	0.0819	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00171	60257	Pb-214	1.05	0.0312	0.0497	1.7	0.00 - 0.50
6-00171	60257	Pu-236	-0.0041 UJ	0.019	0.0036	7.79	0.00 - 0.50
6-00171	60257	Pu-238	0.0058	0.0053	0.0034	0.0415	0.00 - 0.50
6-00171	60257	Pu-239/240	0.0019 UJ	0.0209	0.0051	0.0404	0.00 - 0.50
6-00171	60257	Pu-244	0 UJ	0.0143	0.0028	0.0313	0.00 - 0.50
6-00171	60257	Sb-125	0.0169 U	0.0456	0.0142	0.354	0.00 - 0.50
6-00171	60257	Sn-126	-0.0004 U	0.0172	0.0051	0.0237	0.00 - 0.50
6-00171	60257	Sr-90	0.0339 U	0.127	0.0371	0.485	0.00 - 0.50
6-00171	60257	Th-228	1.22	0.0788	0.115	3.98	0.00 - 0.50
6-00171	60257	Th-229	-0.0061 U	0.0864	0.0203	0.145	0.00 - 0.50
6-00171	60257	Th-230	0.984	0.0568	0.0964	2.2	0.00 - 0.50
6-00171	60257	Th-232	1.08	0.0448	0.102	3.1	0.00 - 0.50
6-00171	60257	Th-234	1.36 J	0.24	0.139	3.19	0.00 - 0.50
6-00171	60257	Tl-208	0.444	0.0163	0.0263	0.937	0.00 - 0.50
6-00171	60257	Tm-171	-9.41 UJ	10.3	4.18	72.4	0.00 - 0.50
6-00171	60257	U-233/234	0.969	0.0685	0.114	2.02	0.00 - 0.50
6-00171	60257	U-235/236	0.0427	0.0738	0.025	0.151	0.00 - 0.50
6-00171	60257	U-238	1.05	0.0482	0.12	1.8	0.00 - 0.50
6-00171	60258	Ac-227	0.0113 U	0.15	0.0451	0.217	1.00 - 5.00
6-00171	60258	Ac-228	1.22	0.0679	0.0593	2.4	1.00 - 5.00
6-00171	60258	Am-241	0.003 U	0.0147	0.0037	0.0454	1.00 - 5.00
6-00171	60258	Bi-212	0.744	0.0968	0.0579	2.15	1.00 - 5.00
6-00171	60258	Bi-214	0.964	0.0211	0.0427	1.59	1.00 - 5.00
6-00171	60258	Cd-113m	-72 U	100	36.7	3030	1.00 - 5.00
6-00171	60258	Cm-243/244	0.0003 U	0.0233	0.0052	0.0443	1.00 - 5.00
6-00171	60258	Co-60	-0.0056 U	0.0121	0.0039	0.028	1.00 - 5.00
6-00171	60258	Cs-134	0.0002 U	0.0104	0.0035	0.0864	1.00 - 5.00
6-00171	60258	Cs-137	0.0046 U	0.0119	0.0042	0.207	1.00 - 5.00
6-00171	60258	Eu-152	-0.0145 U	0.0356	0.0138	0.0566	1.00 - 5.00
6-00171	60258	Eu-154	0.0851 J	0.0732	0.0314	0.15	1.00 - 5.00
6-00171	60258	Eu-155	0.0763 SJ	0.0539	0.0195	0.231	1.00 - 5.00
6-00171	60258	Ho-166m	-0.0058 U	0.0182	0.0056	0.0432	1.00 - 5.00
6-00171	60258	K-40	22.7	0.0908	1.48	32.4	1.00 - 5.00
6-00171	60258	Na-22	-0.0097 U	0.0147	0.005	0.037	1.00 - 5.00
6-00171	60258	Nb-94	0.004 U	0.0109	0.0033	0.0214	1.00 - 5.00
6-00171	60258	Np-236	-0.0023 U	0.0294	0.01	0.047	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00171	60258	Np-239	0.0168 U	0.101	0.0304	0.139	1.00 - 5.00
6-00171	60258	Pa-231	-0.0175 U	0.617	0.205	0.936	1.00 - 5.00
6-00171	60258	Pb-212	1.45	0.0254	0.0954	2.69	1.00 - 5.00
6-00171	60258	Pb-214	1.11	0.0255	0.0539	1.7	1.00 - 5.00
6-00171	60258	Pu-236	-0.0013 U	0.0226	0.0041	7.79	1.00 - 5.00
6-00171	60258	Pu-238	0.0015 U	0.0216	0.0048	0.0415	1.00 - 5.00
6-00171	60258	Pu-239/240	-0.0012 U	0.0216	0.0039	0.0404	1.00 - 5.00
6-00171	60258	Pu-244	-0.002 U	0.0174	0.0034	0.0313	1.00 - 5.00
6-00171	60258	Sb-125	-0.007 U	0.0325	0.0101	0.354	1.00 - 5.00
6-00171	60258	Sn-126	-0.0016 U	0.0121	0.0036	0.0237	1.00 - 5.00
6-00171	60258	Sr-90	0.125 U	0.292	0.0887	0.485	1.00 - 5.00
6-00171	60258	Th-228	1.2	0.0868	0.107	3.98	1.00 - 5.00
6-00171	60258	Th-229	0.0882	0.0558	0.0253	0.145	1.00 - 5.00
6-00171	60258	Th-230	1.01	0.0481	0.0919	2.2	1.00 - 5.00
6-00171	60258	Th-232	1.13	0.038	0.0992	3.1	1.00 - 5.00
6-00171	60258	Th-234	1.73	0.24	0.157	3.19	1.00 - 5.00
6-00171	60258	Tl-208	0.448	0.0117	0.0242	0.937	1.00 - 5.00
6-00171	60258	Tm-171	-15.7 UJ	11.7	5.66	72.4	1.00 - 5.00
6-00171	60258	U-233/234	0.943	0.0377	0.0859	2.02	1.00 - 5.00
6-00171	60258	U-235/236	0.0737	0.0105	0.0177	0.151	1.00 - 5.00
6-00171	60258	U-238	1.1	0.0085	0.0963	1.8	1.00 - 5.00
6-00172	60259	Ac-227	-0.0602 U	0.135	0.0428	0.217	0.00 - 0.50
6-00172	60259	Ac-228	1.32	0.0755	0.0589	2.4	0.00 - 0.50
6-00172	60259	Am-241	0.0072	0.016	0.005	0.0454	0.00 - 0.50
6-00172	60259	Bi-212	0.869	0.101	0.0653	2.15	0.00 - 0.50
6-00172	60259	Bi-214	1.03	0.0221	0.0459	1.59	0.00 - 0.50
6-00172	60259	Cd-113m	7.15 U	89.8	27.5	3030	0.00 - 0.50
6-00172	60259	Cm-243/244	0.0142	0.0254	0.0081	0.0443	0.00 - 0.50
6-00172	60259	Co-60	0.0071 J	0.0139	0.0043	0.028	0.00 - 0.50
6-00172	60259	Cs-134	0.0024 U	0.0113	0.0038	0.0864	0.00 - 0.50
6-00172	60259	Cs-137	0.0113	0.0127	0.0048	0.207	0.00 - 0.50
6-00172	60259	Eu-152	-0.0266 UJ	0.034	0.0125	0.0566	0.00 - 0.50
6-00172	60259	Eu-154	0.0185 U	0.0755	0.0254	0.15	0.00 - 0.50
6-00172	60259	Eu-155	0.0726 JS	0.0471	0.0182	0.231	0.00 - 0.50
6-00172	60259	Ho-166m	0.0015 U	0.0205	0.0061	0.0432	0.00 - 0.50
6-00172	60259	K-40	22.9	0.105	1.23	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00172	60259	Na-22	-0.0135 UJ	0.0158	0.0058	0.037	0.00 - 0.50
6-00172	60259	Nb-94	0.0001 U	0.0115	0.0034	0.0214	0.00 - 0.50
6-00172	60259	Np-236	0.0023 U	0.0255	0.0078	0.047	0.00 - 0.50
6-00172	60259	Np-239	0.0213 U	0.0907	0.027	0.139	0.00 - 0.50
6-00172	60259	Pa-231	0.0882 U	0.574	0.171	0.936	0.00 - 0.50
6-00172	60259	Pb-212	1.47	0.0237	0.0835	2.69	0.00 - 0.50
6-00172	60259	Pb-214	1.13	0.0249	0.0521	1.7	0.00 - 0.50
6-00172	60259	Pu-236	0.0092	0.0113	0.0044	7.79	0.00 - 0.50
6-00172	60259	Pu-238	-0.0044 U	0.0175	0.0033	0.0415	0.00 - 0.50
6-00172	60259	Pu-239/240	0.0015 U	0.0107	0.0025	0.0404	0.00 - 0.50
6-00172	60259	Pu-244	0.0044	0.0039	0.0025	0.0313	0.00 - 0.50
6-00172	60259	Sb-125	0.0029 U	0.033	0.01	0.354	0.00 - 0.50
6-00172	60259	Sn-126	-0.002 U	0.0129	0.0039	0.0237	0.00 - 0.50
6-00172	60259	Sr-90	-0.0102 U	0.0916	0.0231	0.485	0.00 - 0.50
6-00172	60259	Th-228	1.38	0.0942	0.134	3.98	0.00 - 0.50
6-00172	60259	Th-229	0.022 U	0.103	0.0284	0.145	0.00 - 0.50
6-00172	60259	Th-230	1.11	0.068	0.112	2.2	0.00 - 0.50
6-00172	60259	Th-232	1.3	0.0537	0.124	3.1	0.00 - 0.50
6-00172	60259	Th-234	1.88	0.195	0.135	3.19	0.00 - 0.50
6-00172	60259	Tl-208	0.454	0.0129	0.0245	0.937	0.00 - 0.50
6-00172	60259	Tm-171	-4.95 U	8.35	3.06	72.4	0.00 - 0.50
6-00172	60259	U-233/234	1.02	0.0678	0.109	2.02	0.00 - 0.50
6-00172	60259	U-235/236	0.0379	0.0457	0.0185	0.151	0.00 - 0.50
6-00172	60259	U-238	1	0.037	0.107	1.8	0.00 - 0.50
6-00173	60261	Ac-227	0.179 J	0.194	0.0709	0.217	0.00 - 0.50
6-00173	60261	Ac-228	1.1	0.0888	0.0554	2.4	0.00 - 0.50
6-00173	60261	Am-241	0.0008 U	0.021	0.0049	0.0454	0.00 - 0.50
6-00173	60261	Bi-212	0.681 J	0.12	0.0698	2.15	0.00 - 0.50
6-00173	60261	Bi-214	0.784	0.028	0.0382	1.59	0.00 - 0.50
6-00173	60261	Cd-113m	-169 LU	128	61.1	3030	0.00 - 0.50
6-00173	60261	Cm-243/244	0.0036 U	0.0176	0.0046	0.0443	0.00 - 0.50
6-00173	60261	Co-60	0.005 U	0.0164	0.0049	0.028	0.00 - 0.50
6-00173	60261	Cs-134	0.0618 SJ	0.0174	0.0155	0.0864	0.00 - 0.50
6-00173	60261	Cs-137	0.129	0.0149	0.0122	0.207	0.00 - 0.50
6-00173	60261	Eu-152	0.0359 J	0.0456	0.0272	0.0566	0.00 - 0.50
6-00173	60261	Eu-154	-0.0116 U	0.0893	0.0272	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00173	60261	Eu-155	0.0249 UJ	0.0722	0.0227	0.231	0.00 - 0.50
6-00173	60261	Ho-166m	-0.0047 UJ	0.023	0.007	0.0432	0.00 - 0.50
6-00173	60261	K-40	23.1	0.112	1.49	32.4	0.00 - 0.50
6-00173	60261	Na-22	-0.0231 LU	0.0188	0.008	0.037	0.00 - 0.50
6-00173	60261	Nb-94	0.0105 SJ	0.0138	0.0047	0.0214	0.00 - 0.50
6-00173	60261	Np-236	-0.0244 U	0.0379	0.013	0.047	0.00 - 0.50
6-00173	60261	Np-239	-0.0431 U	0.129	0.0422	0.139	0.00 - 0.50
6-00173	60261	Pa-231	0.426 J	0.798	0.291	0.936	0.00 - 0.50
6-00173	60261	Pb-212	1.31	0.0336	0.0935	2.69	0.00 - 0.50
6-00173	60261	Pb-214	0.927	0.0322	0.0482	1.7	0.00 - 0.50
6-00173	60261	Pu-236	-0.0115 U	0.035	0.0066	7.79	0.00 - 0.50
6-00173	60261	Pu-238	-0.01 U	0.0473	0.0114	0.0415	0.00 - 0.50
6-00173	60261	Pu-239/240	0.0031 U	0.0154	0.0039	0.0404	0.00 - 0.50
6-00173	60261	Pu-244	0.0159	0.0191	0.0073	0.0313	0.00 - 0.50
6-00173	60261	Sb-125	-0.0184 U	0.0425	0.0135	0.354	0.00 - 0.50
6-00173	60261	Sn-126	-0.0066 U	0.0149	0.0048	0.0237	0.00 - 0.50
6-00173	60261	Sr-90	0.0124 U	0.188	0.0528	0.485	0.00 - 0.50
6-00173	60261	Th-228	1.22	0.148	0.134	3.98	0.00 - 0.50
6-00173	60261	Th-229	-0.0248 U	0.109	0.0219	0.145	0.00 - 0.50
6-00173	60261	Th-230	0.809	0.0767	0.0971	2.2	0.00 - 0.50
6-00173	60261	Th-232	0.873	0.0606	0.101	3.1	0.00 - 0.50
6-00173	60261	Th-234	0.754 J	0.37	0.226	3.19	0.00 - 0.50
6-00173	60261	Tl-208	0.369	0.015	0.0218	0.937	0.00 - 0.50
6-00173	60261	Tm-171	-6.06 U	19.2	6.51	72.4	0.00 - 0.50
6-00173	60261	U-233/234	0.69	0.0104	0.0711	2.02	0.00 - 0.50
6-00173	60261	U-235/236	0.0238	0.0129	0.0108	0.151	0.00 - 0.50
6-00173	60261	U-238	0.711	0.0283	0.0729	1.8	0.00 - 0.50
6-00173	60262	Ac-227	0.0165 U	0.193	0.0569	0.217	1.00 - 5.00
6-00173	60262	Ac-228	1.48	0.107	0.0692	2.4	1.00 - 5.00
6-00173	60262	Am-241	0.0089	0.0218	0.0066	0.0454	1.00 - 5.00
6-00173	60262	Bi-212	0.98	0.139	0.0838	2.15	1.00 - 5.00
6-00173	60262	Bi-214	1.18	0.0316	0.0566	1.59	1.00 - 5.00
6-00173	60262	Cd-113m	-11.9 U	130	39.8	3030	1.00 - 5.00
6-00173	60262	Cm-243/244	-0.0001 U	0.027	0.0064	0.0443	1.00 - 5.00
6-00173	60262	Co-60	-0.01 U	0.0184	0.0061	0.028	1.00 - 5.00
6-00173	60262	Cs-134	0.0053 U	0.0159	0.0054	0.0864	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00173	60262	Cs-137	0.0212 J	0.0205	0.0081	0.207	1.00 - 5.00
6-00173	60262	Eu-152	0.0247 J	0.0498	0.0187	0.0566	1.00 - 5.00
6-00173	60262	Eu-154	-0.0438 U	0.105	0.0327	0.15	1.00 - 5.00
6-00173	60262	Eu-155	0.0749 SJ	0.0665	0.0227	0.231	1.00 - 5.00
6-00173	60262	Ho-166m	-0.0009 U	0.0285	0.0084	0.0432	1.00 - 5.00
6-00173	60262	K-40	21.2	0.145	1.15	32.4	1.00 - 5.00
6-00173	60262	Na-22	-0.0137 U	0.0208	0.0072	0.037	1.00 - 5.00
6-00173	60262	Nb-94	0.002 U	0.0166	0.0049	0.0214	1.00 - 5.00
6-00173	60262	Np-236	0.0112 U	0.0372	0.0115	0.047	1.00 - 5.00
6-00173	60262	Np-239	-0.0145 U	0.131	0.0388	0.139	1.00 - 5.00
6-00173	60262	Pa-231	-0.699 UJ	0.816	0.299	0.936	1.00 - 5.00
6-00173	60262	Pb-212	1.55	0.0332	0.0889	2.69	1.00 - 5.00
6-00173	60262	Pb-214	1.31	0.0341	0.0626	1.7	1.00 - 5.00
6-00173	60262	Pu-236	-0.0041 U	0.0226	0.0041	7.79	1.00 - 5.00
6-00173	60262	Pu-238	-0.0009 U	0.0329	0.0075	0.0415	1.00 - 5.00
6-00173	60262	Pu-239/240	0.0036 U	0.0179	0.0045	0.0404	1.00 - 5.00
6-00173	60262	Pu-244	0.0036 U	0.0179	0.0045	0.0313	1.00 - 5.00
6-00173	60262	Sb-125	-0.0024 U	0.0464	0.0141	0.354	1.00 - 5.00
6-00173	60262	Sn-126	0.0095 J	0.0193	0.006	0.0237	1.00 - 5.00
6-00173	60262	Sr-90	0.007 U	0.4	0.112	0.485	1.00 - 5.00
6-00173	60262	Th-228	1.44	0.09	0.12	3.98	1.00 - 5.00
6-00173	60262	Th-229	0.0353	0.0468	0.0168	0.145	1.00 - 5.00
6-00173	60262	Th-230	1.23	0.037	0.105	2.2	1.00 - 5.00
6-00173	60262	Th-232	1.33	0.0369	0.11	3.1	1.00 - 5.00
6-00173	60262	Th-234	2.2	0.294	0.177	3.19	1.00 - 5.00
6-00173	60262	Tl-208	0.516	0.0178	0.0299	0.937	1.00 - 5.00
6-00173	60262	Tm-171	0.283 U	11.6	3.84	72.4	1.00 - 5.00
6-00173	60262	U-233/234	1.25	0.0348	0.124	2.02	1.00 - 5.00
6-00173	60262	U-235/236	0.0596	0.061	0.0243	0.151	1.00 - 5.00
6-00173	60262	U-238	1.27	0.0348	0.125	1.8	1.00 - 5.00
6-00174	60263	Ac-227	-0.112 UJ	0.158	0.0548	0.217	0.00 - 0.50
6-00174	60263	Ac-228	1.35	0.085	0.063	2.4	0.00 - 0.50
6-00174	60263	Am-241	0 U	0.0159	0.0034	0.0454	0.00 - 0.50
6-00174	60263	Bi-212	0.983	0.112	0.0793	2.15	0.00 - 0.50
6-00174	60263	Bi-214	1.08	0.0254	0.0491	1.59	0.00 - 0.50
6-00174	60263	Cd-113m	-31 U	108	34.3	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00174	60263	Cm-243/244	0.0155	0.0259	0.0083	0.0443	0.00 - 0.50
6-00174	60263	Co-60	-0.0013 U	0.0158	0.0047	0.028	0.00 - 0.50
6-00174	60263	Cs-134	0.0002 U	0.0131	0.0044	0.0864	0.00 - 0.50
6-00174	60263	Cs-137	0.0404	0.0144	0.0071	0.207	0.00 - 0.50
6-00174	60263	Eu-152	-0.0203 U	0.039	0.0133	0.0566	0.00 - 0.50
6-00174	60263	Eu-154	0.0078 UJ	0.0879	0.0256	0.15	0.00 - 0.50
6-00174	60263	Eu-155	0.0513 SJ	0.0585	0.0214	0.231	0.00 - 0.50
6-00174	60263	Ho-166m	0.0063 U	0.023	0.0069	0.0432	0.00 - 0.50
6-00174	60263	K-40	23.9	0.118	1.43	32.4	0.00 - 0.50
6-00174	60263	Na-22	-0.011 U	0.0183	0.0066	0.037	0.00 - 0.50
6-00174	60263	Nb-94	0.0101 SJ	0.0134	0.0045	0.0214	0.00 - 0.50
6-00174	60263	Np-236	-0.0206 U	0.0297	0.0108	0.047	0.00 - 0.50
6-00174	60263	Np-239	-0.0812 UJ	0.104	0.0366	0.139	0.00 - 0.50
6-00174	60263	Pa-231	0.0063 U	0.669	0.2	0.936	0.00 - 0.50
6-00174	60263	Pb-212	1.53	0.0275	0.102	2.69	0.00 - 0.50
6-00174	60263	Pb-214	1.23	0.0278	0.0624	1.7	0.00 - 0.50
6-00174	60263	Pu-236	-0.0036 U	0.0189	0.0043	7.79	0.00 - 0.50
6-00174	60263	Pu-238	0.0023 U	0.0105	0.0028	0.0415	0.00 - 0.50
6-00174	60263	Pu-239/240	0.0034	0.0031	0.002	0.0404	0.00 - 0.50
6-00174	60263	Pu-244	0.0136	0.0031	0.004	0.0313	0.00 - 0.50
6-00174	60263	Sb-125	-0.0077 U	0.0375	0.0117	0.354	0.00 - 0.50
6-00174	60263	Sn-126	-0.0031 U	0.0145	0.0044	0.0237	0.00 - 0.50
6-00174	60263	Sr-90	0.0602 U	0.148	0.0447	0.485	0.00 - 0.50
6-00174	60263	Th-228	1.42	0.0547	0.133	3.98	0.00 - 0.50
6-00174	60263	Th-229	0.0416	0.0188	0.0172	0.145	0.00 - 0.50
6-00174	60263	Th-230	0.81	0.0643	0.0898	2.2	0.00 - 0.50
6-00174	60263	Th-232	1.22	0.0187	0.117	3.1	0.00 - 0.50
6-00174	60263	Th-234	1.66	0.249	0.155	3.19	0.00 - 0.50
6-00174	60263	Tl-208	0.463	0.0147	0.026	0.937	0.00 - 0.50
6-00174	60263	Tm-171	-7.32 U	12.8	4.65	72.4	0.00 - 0.50
6-00174	60263	U-233/234	0.837	0.0711	0.0984	2.02	0.00 - 0.50
6-00174	60263	U-235/236	0.0368	0.0636	0.0216	0.151	0.00 - 0.50
6-00174	60263	U-238	1.09	0.0416	0.117	1.8	0.00 - 0.50
6-00174	60264	Ac-227	-0.0255 U	0.129	0.0393	0.217	1.00 - 3.00
6-00174	60264	Ac-228	1.31	0.063	0.0595	2.4	1.00 - 3.00
6-00174	60264	Am-241	-0.0009 U	0.0312	0.0071	0.0454	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00174	60264	Bi-212	0.922	0.0876	0.0615	2.15	1.00 - 3.00
6-00174	60264	Bi-214	0.89	0.0202	0.0399	1.59	1.00 - 3.00
6-00174	60264	Cd-113m	-35.5 U	85.8	28.2	3030	1.00 - 3.00
6-00174	60264	Cm-243/244	0.0061	0.0172	0.0051	0.0443	1.00 - 3.00
6-00174	60264	Co-60	0.0019 U	0.0116	0.0035	0.028	1.00 - 3.00
6-00174	60264	Cs-134	0.0061 SJ	0.0101	0.0036	0.0864	1.00 - 3.00
6-00174	60264	Cs-137	-0.0046 U	0.0111	0.004	0.207	1.00 - 3.00
6-00174	60264	Eu-152	-0.0153 U	0.0311	0.0109	0.0566	1.00 - 3.00
6-00174	60264	Eu-154	0.0286 U	0.0653	0.0229	0.15	1.00 - 3.00
6-00174	60264	Eu-155	0.0794 SJ	0.0464	0.0172	0.231	1.00 - 3.00
6-00174	60264	Ho-166m	-0.0024 U	0.0176	0.0052	0.0432	1.00 - 3.00
6-00174	60264	K-40	22.1	0.0884	1.25	32.4	1.00 - 3.00
6-00174	60264	Na-22	-0.006 U	0.0137	0.0047	0.037	1.00 - 3.00
6-00174	60264	Nb-94	0.0012 U	0.0103	0.003	0.0214	1.00 - 3.00
6-00174	60264	Np-236	-0.0004 U	0.0255	0.0084	0.047	1.00 - 3.00
6-00174	60264	Np-239	0.0073 U	0.0873	0.0261	0.139	1.00 - 3.00
6-00174	60264	Pa-231	-0.28 U	0.525	0.173	0.936	1.00 - 3.00
6-00174	60264	Pb-212	1.48	0.0227	0.0925	2.69	1.00 - 3.00
6-00174	60264	Pb-214	1.02	0.022	0.0488	1.7	1.00 - 3.00
6-00174	60264	Pu-236	-0.0038 U	0.0201	0.0035	7.79	1.00 - 3.00
6-00174	60264	Pu-238	0.0011 U	0.0152	0.0034	0.0415	1.00 - 3.00
6-00174	60264	Pu-239/240	0.0079	0.0193	0.0058	0.0404	1.00 - 3.00
6-00174	60264	Pu-244	0	0.0052	0.0019	0.0313	1.00 - 3.00
6-00174	60264	Sb-125	0.0247 SJ	0.0305	0.0107	0.354	1.00 - 3.00
6-00174	60264	Sn-126	-0.0057 U	0.0112	0.0036	0.0237	1.00 - 3.00
6-00174	60264	Sr-90	-0.11 U	0.273	0.0669	0.485	1.00 - 3.00
6-00174	60264	Th-228	1.5	0.0644	0.148	3.98	1.00 - 3.00
6-00174	60264	Th-229	0.0492	0.0604	0.0234	0.145	1.00 - 3.00
6-00174	60264	Th-230	0.892	0.076	0.103	2.2	1.00 - 3.00
6-00174	60264	Th-232	1.44	0.0758	0.141	3.1	1.00 - 3.00
6-00174	60264	Th-234	1.52	0.202	0.128	3.19	1.00 - 3.00
6-00174	60264	Tl-208	0.465	0.0111	0.0249	0.937	1.00 - 3.00
6-00174	60264	Tm-171	-1.73 U	8.52	3.01	72.4	1.00 - 3.00
6-00174	60264	U-233/234	0.904	0.0618	0.0953	2.02	1.00 - 3.00
6-00174	60264	U-235/236	0.037	0.0167	0.0153	0.151	1.00 - 3.00
6-00174	60264	U-238	0.853	0.05	0.0909	1.8	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00175	60265	Ac-227	-0.0218 U	0.2	0.0599	0.217	0.00 - 0.50
6-00175	60265	Ac-228	1.21	0.0982	0.0591	2.4	0.00 - 0.50
6-00175	60265	Am-241	0.0104 U	0.0257	0.0077	0.0454	0.00 - 0.50
6-00175	60265	Bi-212	0.794	0.146	0.0767	2.15	0.00 - 0.50
6-00175	60265	Bi-214	0.955	0.0303	0.0459	1.59	0.00 - 0.50
6-00175	60265	Cd-113m	-34.1 U	134	41	3030	0.00 - 0.50
6-00175	60265	Cm-243/244	0.0048	0.0065	0.0034	0.0443	0.00 - 0.50
6-00175	60265	Co-60	-0.0009 U	0.0198	0.0057	0.028	0.00 - 0.50
6-00175	60265	Cs-134	0.0057 U	0.0165	0.0057	0.0864	0.00 - 0.50
6-00175	60265	Cs-137	0.0165	0.0197	0.0076	0.207	0.00 - 0.50
6-00175	60265	Eu-152	0.0033 U	0.0486	0.0168	0.0566	0.00 - 0.50
6-00175	60265	Eu-154	-0.0022 U	0.109	0.032	0.15	0.00 - 0.50
6-00175	60265	Eu-155	0.104 JS	0.0713	0.0297	0.231	0.00 - 0.50
6-00175	60265	Ho-166m	-0.0047 U	0.027	0.0083	0.0432	0.00 - 0.50
6-00175	60265	K-40	23.7	0.142	1.49	32.4	0.00 - 0.50
6-00175	60265	Na-22	-0.0131 U	0.0232	0.0079	0.037	0.00 - 0.50
6-00175	60265	Nb-94	0.0094 JS	0.016	0.0052	0.0214	0.00 - 0.50
6-00175	60265	Np-236	-0.0115 U	0.0373	0.0118	0.047	0.00 - 0.50
6-00175	60265	Np-239	-0.0009 U	0.132	0.0391	0.139	0.00 - 0.50
6-00175	60265	Pa-231	0.373 U	0.847	0.273	0.936	0.00 - 0.50
6-00175	60265	Pb-212	1.39	0.0365	0.0847	2.69	0.00 - 0.50
6-00175	60265	Pb-214	1.08	0.0337	0.0515	1.7	0.00 - 0.50
6-00175	60265	Pu-236	-0.0019 U	0.0339	0.0074	7.79	0.00 - 0.50
6-00175	60265	Pu-238	-0.0009 U	0.0338	0.0077	0.0415	0.00 - 0.50
6-00175	60265	Pu-239/240	0.0087	0.0078	0.005	0.0404	0.00 - 0.50
6-00175	60265	Pu-244	0.0058	0.0078	0.0041	0.0313	0.00 - 0.50
6-00175	60265	Sb-125	-0.0082 U	0.0447	0.0132	0.354	0.00 - 0.50
6-00175	60265	Sn-126	0.0132 J	0.0179	0.006	0.0237	0.00 - 0.50
6-00175	60265	Sr-90	-0.14 U	0.416	0.102	0.485	0.00 - 0.50
6-00175	60265	Th-228	1.38	0.0949	0.148	3.98	0.00 - 0.50
6-00175	60265	Th-229	0.0912	0.0247	0.0294	0.145	0.00 - 0.50
6-00175	60265	Th-230	0.965	0.067	0.112	2.2	0.00 - 0.50
6-00175	60265	Th-232	1.25	0.0246	0.132	3.1	0.00 - 0.50
6-00175	60265	Th-234	1.64 J	0.293	0.178	3.19	0.00 - 0.50
6-00175	60265	Tl-208	0.415	0.0178	0.0241	0.937	0.00 - 0.50
6-00175	60265	Tm-171	-5.45 U	16.6	5.74	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00175	60265	U-233/234	0.803	0.0434	0.0893	2.02	0.00 - 0.50
6-00175	60265	U-235/236	0.0699	0.0433	0.0236	0.151	0.00 - 0.50
6-00175	60265	U-238	0.903	0.035	0.097	1.8	0.00 - 0.50
6-00176	60267	Ac-227	-0.0279 U	0.164	0.0509	0.217	0.00 - 0.50
6-00176	60267	Ac-228	1.16	0.108	0.0559	2.4	0.00 - 0.50
6-00176	60267	Am-241	0.0035 U	0.0347	0.0084	0.0454	0.00 - 0.50
6-00176	60267	Bi-212	0.891 J	0.142	0.0922	2.15	0.00 - 0.50
6-00176	60267	Bi-214	0.997	0.0297	0.0476	1.59	0.00 - 0.50
6-00176	60267	Cd-113m	-21.2 U	104	32.5	3030	0.00 - 0.50
6-00176	60267	Cm-243/244	0.0018 U	0.0276	0.006	0.0443	0.00 - 0.50
6-00176	60267	Co-60	-0.0032 U	0.0187	0.0056	0.028	0.00 - 0.50
6-00176	60267	Cs-134	-0.0003 UJ	0.0152	0.0053	0.0864	0.00 - 0.50
6-00176	60267	Cs-137	0.0448	0.0164	0.0076	0.207	0.00 - 0.50
6-00176	60267	Eu-152	0.0082 U	0.0414	0.013	0.0566	0.00 - 0.50
6-00176	60267	Eu-154	-0.0366 U	0.102	0.0324	0.15	0.00 - 0.50
6-00176	60267	Eu-155	0.0821 JS	0.0485	0.0229	0.231	0.00 - 0.50
6-00176	60267	Ho-166m	-0.0008 UJ	0.0279	0.0081	0.0432	0.00 - 0.50
6-00176	60267	K-40	21.1	0.121	1.14	32.4	0.00 - 0.50
6-00176	60267	Na-22	-0.0073 U	0.0225	0.0069	0.037	0.00 - 0.50
6-00176	60267	Nb-94	-0.0073 U	0.0151	0.0048	0.0214	0.00 - 0.50
6-00176	60267	Np-236	-0.0074 U	0.0264	0.0079	0.047	0.00 - 0.50
6-00176	60267	Np-239	-0.0285 U	0.106	0.0333	0.139	0.00 - 0.50
6-00176	60267	Pa-231	-0.127 U	0.671	0.211	0.936	0.00 - 0.50
6-00176	60267	Pb-212	1.35	0.029	0.0743	2.69	0.00 - 0.50
6-00176	60267	Pb-214	1.03	0.0297	0.0481	1.7	0.00 - 0.50
6-00176	60267	Pu-236	0.0024	0.0065	0.0024	7.79	0.00 - 0.50
6-00176	60267	Pu-238	0.0045	0.006	0.0032	0.0415	0.00 - 0.50
6-00176	60267	Pu-239/240	0.0089	0.006	0.0045	0.0404	0.00 - 0.50
6-00176	60267	Pu-244	0.0089	0.006	0.0045	0.0313	0.00 - 0.50
6-00176	60267	Sb-125	0.0086 U	0.0426	0.0126	0.354	0.00 - 0.50
6-00176	60267	Sn-126	-0.0039 U	0.0167	0.005	0.0237	0.00 - 0.50
6-00176	60267	Sr-90	0.113 U	0.203	0.0641	0.485	0.00 - 0.50
6-00176	60267	Th-228	1.44	0.105	0.136	3.98	0.00 - 0.50
6-00176	60267	Th-229	0.0067 U	0.0623	0.015	0.145	0.00 - 0.50
6-00176	60267	Th-230	0.93	0.0181	0.096	2.2	0.00 - 0.50
6-00176	60267	Th-232	1.1	0.0181	0.107	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00176	60267	Th-234	1.14	0.198	0.0997	3.19	0.00 - 0.50
6-00176	60267	Tl-208	0.439	0.0168	0.0265	0.937	0.00 - 0.50
6-00176	60267	Tm-171	2.64 U	6.45	2.26	72.4	0.00 - 0.50
6-00176	60267	U-233/234	0.817	0.0436	0.0973	2.02	0.00 - 0.50
6-00176	60267	U-235/236	0.0339	0.0229	0.0171	0.151	0.00 - 0.50
6-00176	60267	U-238	0.973	0.0186	0.11	1.8	0.00 - 0.50
6-00176	60268	Ac-227	-0.0698 U	0.138	0.0443	0.217	1.00 - 2.30
6-00176	60268	Ac-228	1.3	0.0734	0.0588	2.4	1.00 - 2.30
6-00176	60268	Am-241	-0.0064 UJ	0.0474	0.0103	0.0454	1.00 - 2.30
6-00176	60268	Bi-212	0.948	0.0989	0.0731	2.15	1.00 - 2.30
6-00176	60268	Bi-214	1.01	0.0228	0.0446	1.59	1.00 - 2.30
6-00176	60268	Cd-113m	-18.5 U	91.5	27.5	3030	1.00 - 2.30
6-00176	60268	Cm-243/244	-0.0095 UJ	0.0398	0.0069	0.0443	1.00 - 2.30
6-00176	60268	Co-60	-0.0078 U	0.013	0.0044	0.028	1.00 - 2.30
6-00176	60268	Cs-134	0.0052 U	0.0112	0.0039	0.0864	1.00 - 2.30
6-00176	60268	Cs-137	-0.0048 U	0.0129	0.004	0.207	1.00 - 2.30
6-00176	60268	Eu-152	-0.01 U	0.0345	0.0107	0.0566	1.00 - 2.30
6-00176	60268	Eu-154	0.0561 J	0.0785	0.0288	0.15	1.00 - 2.30
6-00176	60268	Eu-155	0.0375 SJ	0.0478	0.0167	0.231	1.00 - 2.30
6-00176	60268	Ho-166m	0.0013 U	0.0196	0.0058	0.0432	1.00 - 2.30
6-00176	60268	K-40	23.2	0.0934	1.41	32.4	1.00 - 2.30
6-00176	60268	Na-22	-0.002 U	0.0163	0.0049	0.037	1.00 - 2.30
6-00176	60268	Nb-94	0.0065 SJ	0.0119	0.0038	0.0214	1.00 - 2.30
6-00176	60268	Np-236	-0.0112 U	0.0259	0.0083	0.047	1.00 - 2.30
6-00176	60268	Np-239	-0.0056 U	0.0925	0.0272	0.139	1.00 - 2.30
6-00176	60268	Pa-231	-0.0254 U	0.575	0.171	0.936	1.00 - 2.30
6-00176	60268	Pb-212	1.49	0.0234	0.0879	2.69	1.00 - 2.30
6-00176	60268	Pb-214	1.08	0.0241	0.0502	1.7	1.00 - 2.30
6-00176	60268	Pu-236	0.0064	0.0058	0.0037	7.79	1.00 - 2.30
6-00176	60268	Pu-238	-0.0024 U	0.0184	0.0033	0.0415	1.00 - 2.30
6-00176	60268	Pu-239/240	-0.0029 U	0.0161	0.0029	0.0404	1.00 - 2.30
6-00176	60268	Pu-244	0.0041	0.0055	0.0029	0.0313	1.00 - 2.30
6-00176	60268	Sb-125	0.0024 U	0.033	0.01	0.354	1.00 - 2.30
6-00176	60268	Sn-126	-0.002 U	0.0125	0.0038	0.0237	1.00 - 2.30
6-00176	60268	Sr-90	-0.0563 U	0.264	0.0689	0.485	1.00 - 2.30
6-00176	60268	Th-228	1.33	0.118	0.126	3.98	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00176	60268	Th-229	0.0575	0.0768	0.0266	0.145	1.00 - 2.30
6-00176	60268	Th-230	0.95	0.047	0.096	2.2	1.00 - 2.30
6-00176	60268	Th-232	1.3	0.0468	0.119	3.1	1.00 - 2.30
6-00176	60268	Th-234	1.53	0.214	0.134	3.19	1.00 - 2.30
6-00176	60268	Tl-208	0.443	0.0128	0.0237	0.937	1.00 - 2.30
6-00176	60268	Tm-171	-3.82 U	10.7	3.65	72.4	1.00 - 2.30
6-00176	60268	U-233/234	0.868	0.0406	0.099	2.02	1.00 - 2.30
6-00176	60268	U-235/236	0.0731	0.0502	0.0261	0.151	1.00 - 2.30
6-00176	60268	U-238	1.07	0.0173	0.115	1.8	1.00 - 2.30
6-00177	60269	Ac-227	0.0248 U	0.152	0.0465	0.217	0.00 - 0.50
6-00177	60269	Ac-228	1.14	0.078	0.0547	2.4	0.00 - 0.50
6-00177	60269	Am-241	0.0012 UJ	0.0282	0.0055	0.0454	0.00 - 0.50
6-00177	60269	Bi-212	0.858	0.108	0.0691	2.15	0.00 - 0.50
6-00177	60269	Bi-214	0.873	0.0238	0.0415	1.59	0.00 - 0.50
6-00177	60269	Cd-113m	6.63 U	101	31	3030	0.00 - 0.50
6-00177	60269	Cm-243/244	-0.0129 UJ	0.0449	0.0079	0.0443	0.00 - 0.50
6-00177	60269	Co-60	0.0037 U	0.015	0.0045	0.028	0.00 - 0.50
6-00177	60269	Cs-134	-0.0011 UJ	0.0121	0.0042	0.0864	0.00 - 0.50
6-00177	60269	Cs-137	0.0126	0.0135	0.0039	0.207	0.00 - 0.50
6-00177	60269	Eu-152	-0.011 U	0.0372	0.0116	0.0566	0.00 - 0.50
6-00177	60269	Eu-154	-0.0388 U	0.0776	0.0289	0.15	0.00 - 0.50
6-00177	60269	Eu-155	0.083 JS	0.0538	0.0198	0.231	0.00 - 0.50
6-00177	60269	Ho-166m	0.0045 UJ	0.0216	0.0065	0.0432	0.00 - 0.50
6-00177	60269	K-40	19.4	0.118	1.12	32.4	0.00 - 0.50
6-00177	60269	Na-22	0.0065 U	0.0179	0.0062	0.037	0.00 - 0.50
6-00177	60269	Nb-94	0.0079 JS	0.0126	0.0041	0.0214	0.00 - 0.50
6-00177	60269	Np-236	-0.0135 U	0.0286	0.0091	0.047	0.00 - 0.50
6-00177	60269	Np-239	-0.0453 U	0.101	0.0329	0.139	0.00 - 0.50
6-00177	60269	Pa-231	0.0999 U	0.636	0.196	0.936	0.00 - 0.50
6-00177	60269	Pb-212	1.34	0.0278	0.0808	2.69	0.00 - 0.50
6-00177	60269	Pb-214	0.933	0.0257	0.0457	1.7	0.00 - 0.50
6-00177	60269	Pu-236	0.0059 U	0.0277	0.0074	7.79	0.00 - 0.50
6-00177	60269	Pu-238	-0.0019 U	0.0164	0.0032	0.0415	0.00 - 0.50
6-00177	60269	Pu-239/240	0.004 U	0.0203	0.0052	0.0404	0.00 - 0.50
6-00177	60269	Pu-244	-0.0019 U	0.0164	0.0032	0.0313	0.00 - 0.50
6-00177	60269	Sb-125	0.0065 U	0.0363	0.0107	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00177	60269	Sn-126	0.0047 U	0.014	0.0043	0.0237	0.00 - 0.50
6-00177	60269	Sr-90	0.139	0.2	0.0659	0.485	0.00 - 0.50
6-00177	60269	Th-228	1.27	0.094	0.129	3.98	0.00 - 0.50
6-00177	60269	Th-229	0.0147	0.02	0.0105	0.145	0.00 - 0.50
6-00177	60269	Th-230	0.919	0.084	0.101	2.2	0.00 - 0.50
6-00177	60269	Th-232	1.11	0.0199	0.112	3.1	0.00 - 0.50
6-00177	60269	Th-234	1.45 J	0.23	0.146	3.19	0.00 - 0.50
6-00177	60269	Tl-208	0.395	0.0139	0.0228	0.937	0.00 - 0.50
6-00177	60269	Tm-171	-2.06 U	10.9	3.83	72.4	0.00 - 0.50
6-00177	60269	U-233/234	0.896	0.0399	0.0941	2.02	0.00 - 0.50
6-00177	60269	U-235/236	0.0501	0.017	0.0181	0.151	0.00 - 0.50
6-00177	60269	U-238	0.841	0.0137	0.0895	1.8	0.00 - 0.50
6-00178	60271	Ac-227	0.0463 U	0.135	0.0411	0.217	0.00 - 0.50
6-00178	60271	Ac-228	1.06	0.0676	0.0515	2.4	0.00 - 0.50
6-00178	60271	Am-241	-0.0054 U	0.0216	0.0047	0.0454	0.00 - 0.50
6-00178	60271	Bi-212	0.757	0.0907	0.0613	2.15	0.00 - 0.50
6-00178	60271	Bi-214	0.801	0.0205	0.0366	1.59	0.00 - 0.50
6-00178	60271	Cd-113m	-11.2 U	89.7	28.3	3030	0.00 - 0.50
6-00178	60271	Cm-243/244	0.0041 U	0.0127	0.0036	0.0443	0.00 - 0.50
6-00178	60271	Co-60	-0.0049 U	0.0118	0.0038	0.028	0.00 - 0.50
6-00178	60271	Cs-134	0.0058 SJ	0.0105	0.0038	0.0864	0.00 - 0.50
6-00178	60271	Cs-137	0.0742	0.0115	0.0068	0.207	0.00 - 0.50
6-00178	60271	Eu-152	-0.004 U	0.0322	0.0127	0.0566	0.00 - 0.50
6-00178	60271	Eu-154	-0.0236 UJ	0.0665	0.0206	0.15	0.00 - 0.50
6-00178	60271	Eu-155	0.0348 SJ	0.049	0.017	0.231	0.00 - 0.50
6-00178	60271	Ho-166m	0.0007 U	0.0177	0.0054	0.0432	0.00 - 0.50
6-00178	60271	K-40	21.5	0.0787	1.3	32.4	0.00 - 0.50
6-00178	60271	Na-22	-0.0001 U	0.0146	0.0044	0.037	0.00 - 0.50
6-00178	60271	Nb-94	0.0058 SJ	0.0104	0.0034	0.0214	0.00 - 0.50
6-00178	60271	Np-236	-0.009 U	0.0259	0.0083	0.047	0.00 - 0.50
6-00178	60271	Np-239	0.0003 U	0.0908	0.0267	0.139	0.00 - 0.50
6-00178	60271	Pa-231	-0.301 U	0.552	0.196	0.936	0.00 - 0.50
6-00178	60271	Pb-212	1.21	0.0236	0.0736	2.69	0.00 - 0.50
6-00178	60271	Pb-214	0.877	0.0225	0.0413	1.7	0.00 - 0.50
6-00178	60271	Pu-236	-0.0034 U	0.0268	0.0063	7.79	0.00 - 0.50
6-00178	60271	Pu-238	-0.0144 U	0.0351	0.008	0.0415	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00178	60271	Pu-239/240	0.0048 U	0.0192	0.0053	0.0404	0.00 - 0.50
6-00178	60271	Pu-244	0.0016 U	0.0118	0.0028	0.0313	0.00 - 0.50
6-00178	60271	Sb-125	0.0061 U	0.0311	0.0094	0.354	0.00 - 0.50
6-00178	60271	Sn-126	-0.0059 U	0.0111	0.0037	0.0237	0.00 - 0.50
6-00178	60271	Sr-90	0.107	0.152	0.0501	0.485	0.00 - 0.50
6-00178	60271	Th-228	1.08	0.105	0.11	3.98	0.00 - 0.50
6-00178	60271	Th-229	-0.0066 U	0.0925	0.0218	0.145	0.00 - 0.50
6-00178	60271	Th-230	0.87	0.0177	0.0907	2.2	0.00 - 0.50
6-00178	60271	Th-232	1.06	0.0177	0.103	3.1	0.00 - 0.50
6-00178	60271	Th-234	1.05	0.204	0.104	3.19	0.00 - 0.50
6-00178	60271	Tl-208	0.375	0.0112	0.0206	0.937	0.00 - 0.50
6-00178	60271	Tm-171	-5.52 U	8.82	3.36	72.4	0.00 - 0.50
6-00178	60271	U-233/234	0.922	0.0726	0.102	2.02	0.00 - 0.50
6-00178	60271	U-235/236	0.0692	0.0571	0.0256	0.151	0.00 - 0.50
6-00178	60271	U-238	0.81	0.0638	0.0925	1.8	0.00 - 0.50
6-00178	60272	Ac-227	0.0215 U	0.131	0.0402	0.217	1.00 - 2.00
6-00178	60272	Ac-228	1.1	0.0632	0.0517	2.4	1.00 - 2.00
6-00178	60272	Am-241	0.0122	0.0041	0.0043	0.0454	1.00 - 2.00
6-00178	60272	Bi-212	0.761	0.0857	0.0579	2.15	1.00 - 2.00
6-00178	60272	Bi-214	0.856	0.0195	0.0387	1.59	1.00 - 2.00
6-00178	60272	Cd-113m	28.5 U	87.8	29.5	3030	1.00 - 2.00
6-00178	60272	Cm-243/244	0.0077	0.0184	0.0055	0.0443	1.00 - 2.00
6-00178	60272	Co-60	-0.0005 U	0.0113	0.0033	0.028	1.00 - 2.00
6-00178	60272	Cs-134	0.0021 U	0.0099	0.0034	0.0864	1.00 - 2.00
6-00178	60272	Cs-137	0.0034 U	0.0111	0.0038	0.207	1.00 - 2.00
6-00178	60272	Eu-152	0.0087 U	0.0318	0.0121	0.0566	1.00 - 2.00
6-00178	60272	Eu-154	-0.0224 U	0.0659	0.021	0.15	1.00 - 2.00
6-00178	60272	Eu-155	0.0602 SJ	0.0465	0.018	0.231	1.00 - 2.00
6-00178	60272	Ho-166m	0.0001 U	0.0173	0.0052	0.0432	1.00 - 2.00
6-00178	60272	K-40	21.4	0.0786	1.23	32.4	1.00 - 2.00
6-00178	60272	Na-22	-0.0029 U	0.0138	0.0041	0.037	1.00 - 2.00
6-00178	60272	Nb-94	0.0044 U	0.01	0.0031	0.0214	1.00 - 2.00
6-00178	60272	Np-236	0.0051 U	0.0254	0.0079	0.047	1.00 - 2.00
6-00178	60272	Np-239	-0.0065 U	0.0865	0.0264	0.139	1.00 - 2.00
6-00178	60272	Pa-231	-0.178 U	0.531	0.175	0.936	1.00 - 2.00
6-00178	60272	Pb-212	1.2	0.0224	0.0718	2.69	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00178	60272	Pb-214	0.889	0.0229	0.0419	1.7	1.00 - 2.00
6-00178	60272	Pu-236	0.0006 U	0.0144	0.0028	7.79	1.00 - 2.00
6-00178	60272	Pu-238	0.0043	0.0059	0.0031	0.0415	1.00 - 2.00
6-00178	60272	Pu-239/240	0.0022	0.0058	0.0022	0.0404	1.00 - 2.00
6-00178	60272	Pu-244	0.0006 U	0.0137	0.0027	0.0313	1.00 - 2.00
6-00178	60272	Sb-125	0.0008 U	0.0291	0.0085	0.354	1.00 - 2.00
6-00178	60272	Sn-126	-0.0003 U	0.0111	0.0033	0.0237	1.00 - 2.00
6-00178	60272	Sr-90	0.022 U	0.227	0.0636	0.485	1.00 - 2.00
6-00178	60272	Th-228	1.25	0.0675	0.121	3.98	1.00 - 2.00
6-00178	60272	Th-229	0.0414	0.0742	0.024	0.145	1.00 - 2.00
6-00178	60272	Th-230	0.942	0.0186	0.0971	2.2	1.00 - 2.00
6-00178	60272	Th-232	1.13	0.0186	0.11	3.1	1.00 - 2.00
6-00178	60272	Th-234	1.51	0.197	0.14	3.19	1.00 - 2.00
6-00178	60272	Tl-208	0.373	0.0106	0.0209	0.937	1.00 - 2.00
6-00178	60272	Tm-171	-9.79 UJ	9.25	3.92	72.4	1.00 - 2.00
6-00178	60272	U-233/234	0.886	0.0382	0.082	2.02	1.00 - 2.00
6-00178	60272	U-235/236	0.0472	0.0107	0.014	0.151	1.00 - 2.00
6-00178	60272	U-238	0.84	0.0449	0.0789	1.8	1.00 - 2.00
6-00179	60273	Ac-227	0.0224 U	0.147	0.0451	0.217	0.00 - 0.50
6-00179	60273	Ac-228	1.27	0.0714	0.0585	2.4	0.00 - 0.50
6-00179	60273	Am-241	-0.0014 U	0.0166	0.0037	0.0454	0.00 - 0.50
6-00179	60273	Am-241	-0.0014 U	0.0166	0.0037	0.0454	0.00 - 0.50
6-00179	60273	Bi-212	0.899	0.101	0.0656	2.15	0.00 - 0.50
6-00179	60273	Bi-214	0.97	0.022	0.044	1.59	0.00 - 0.50
6-00179	60273	Cd-113m	-14.2 U	97.8	31.2	3030	0.00 - 0.50
6-00179	60273	Cm-243/244	0.0042 U	0.013	0.0037	0.0443	0.00 - 0.50
6-00179	60273	Cm-243/244	0.0042 U	0.013	0.0037	0.0443	0.00 - 0.50
6-00179	60273	Co-60	-0.0035 U	0.0128	0.0039	0.028	0.00 - 0.50
6-00179	60273	Cs-134	0.0014 U	0.011	0.0038	0.0864	0.00 - 0.50
6-00179	60273	Cs-137	0.0705	0.0132	0.0069	0.207	0.00 - 0.50
6-00179	60273	Eu-152	-0.0308 UJ	0.0349	0.0146	0.0566	0.00 - 0.50
6-00179	60273	Eu-154	-0.0324 UJ	0.0742	0.0243	0.15	0.00 - 0.50
6-00179	60273	Eu-155	0.0805 SJ	0.0525	0.0206	0.231	0.00 - 0.50
6-00179	60273	Ho-166m	-0.0075 U	0.0194	0.0061	0.0432	0.00 - 0.50
6-00179	60273	K-40	24.9	0.0879	1.43	32.4	0.00 - 0.50
6-00179	60273	Na-22	0.003 U	0.0159	0.0051	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00179	60273	Nb-94	0.0031 U	0.0114	0.0035	0.0214	0.00 - 0.50
6-00179	60273	Np-236	0.0135 U	0.0284	0.0093	0.047	0.00 - 0.50
6-00179	60273	Np-239	-0.0205 U	0.0977	0.0302	0.139	0.00 - 0.50
6-00179	60273	Pa-231	-0.165 U	0.612	0.193	0.936	0.00 - 0.50
6-00179	60273	Pb-212	1.44	0.0251	0.0865	2.69	0.00 - 0.50
6-00179	60273	Pb-214	1.09	0.0255	0.0509	1.7	0.00 - 0.50
6-00179	60273	Pu-236	-0.0021 U	0.0332	0.0081	7.79	0.00 - 0.50
6-00179	60273	Pu-236	-0.0021 U	0.0332	0.0081	7.79	0.00 - 0.50
6-00179	60273	Pu-238	0.0099 U	0.0315	0.0091	0.0415	0.00 - 0.50
6-00179	60273	Pu-238	0.0099 U	0.0315	0.0091	0.0415	0.00 - 0.50
6-00179	60273	Pu-239/240	-0.002 U	0.026	0.006	0.0404	0.00 - 0.50
6-00179	60273	Pu-239/240	-0.002 U	0.026	0.006	0.0404	0.00 - 0.50
6-00179	60273	Pu-244	0.0119	0.0184	0.0063	0.0313	0.00 - 0.50
6-00179	60273	Pu-244	0.0119	0.0184	0.0063	0.0313	0.00 - 0.50
6-00179	60273	Sb-125	0.0016 U	0.0328	0.0096	0.354	0.00 - 0.50
6-00179	60273	Sn-126	0.0013 U	0.0128	0.0038	0.0237	0.00 - 0.50
6-00179	60273	Sr-90	0.0752 U	0.151	0.0466	0.485	0.00 - 0.50
6-00179	60273	Sr-90	0.0752 U	0.151	0.0466	0.485	0.00 - 0.50
6-00179	60273	Th-228	1.2	0.0933	0.115	3.98	0.00 - 0.50
6-00179	60273	Th-228	1.2	0.0933	0.115	3.98	0.00 - 0.50
6-00179	60273	Th-229	0 U	0.0811	0.0195	0.145	0.00 - 0.50
6-00179	60273	Th-229	0 U	0.0811	0.0195	0.145	0.00 - 0.50
6-00179	60273	Th-230	0.956	0.0573	0.0955	2.2	0.00 - 0.50
6-00179	60273	Th-230	0.956	0.0573	0.0955	2.2	0.00 - 0.50
6-00179	60273	Th-232	1.24	0.0453	0.114	3.1	0.00 - 0.50
6-00179	60273	Th-232	1.24	0.0453	0.114	3.1	0.00 - 0.50
6-00179	60273	Th-234	1.45	0.227	0.137	3.19	0.00 - 0.50
6-00179	60273	Tl-208	0.445	0.0124	0.0242	0.937	0.00 - 0.50
6-00179	60273	Tm-171	-6.03 U	10.6	3.84	72.4	0.00 - 0.50
6-00179	60273	U-233/234	0.775	0.0466	0.0892	2.02	0.00 - 0.50
6-00179	60273	U-233/234	0.775	0.0466	0.0892	2.02	0.00 - 0.50
6-00179	60273	U-235/236	0.0532	0.0465	0.0217	0.151	0.00 - 0.50
6-00179	60273	U-235/236	0.0532	0.0465	0.0217	0.151	0.00 - 0.50
6-00179	60273	U-238	0.787	0.0376	0.09	1.8	0.00 - 0.50
6-00179	60273	U-238	0.787	0.0376	0.09	1.8	0.00 - 0.50
6-00179	60274	Ac-227	-0.0278 U	0.117	0.0359	0.217	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00179	60274	Ac-228	1.15	0.0549	0.0523	2.4	1.00 - 3.00
6-00179	60274	Am-241	0.0096	0.0142	0.0053	0.0454	1.00 - 3.00
6-00179	60274	Bi-212	0.794	0.0781	0.0542	2.15	1.00 - 3.00
6-00179	60274	Bi-214	0.921	0.0175	0.0401	1.59	1.00 - 3.00
6-00179	60274	Cd-113m	47.3 J	78.7	27.5	3030	1.00 - 3.00
6-00179	60274	Cm-243/244	0.007 U	0.0225	0.0064	0.0443	1.00 - 3.00
6-00179	60274	Co-60	0.002 U	0.0104	0.0031	0.028	1.00 - 3.00
6-00179	60274	Cs-134	0.0013 U	0.0087	0.0029	0.0864	1.00 - 3.00
6-00179	60274	Cs-137	0.0079 J	0.0101	0.0038	0.207	1.00 - 3.00
6-00179	60274	Eu-152	-0.029 UJ	0.0275	0.0112	0.0566	1.00 - 3.00
6-00179	60274	Eu-154	-0.0309 U	0.056	0.0187	0.15	1.00 - 3.00
6-00179	60274	Eu-155	0.0677 SJ	0.0413	0.0156	0.231	1.00 - 3.00
6-00179	60274	Ho-166m	0.0023 U	0.0156	0.0046	0.0432	1.00 - 3.00
6-00179	60274	K-40	20.2	0.075	1.14	32.4	1.00 - 3.00
6-00179	60274	Na-22	0.0019 U	0.0118	0.0036	0.037	1.00 - 3.00
6-00179	60274	Nb-94	0.007 SJ	0.0093	0.0031	0.0214	1.00 - 3.00
6-00179	60274	Np-236	0.0123 SJ	0.0229	0.0081	0.047	1.00 - 3.00
6-00179	60274	Np-239	-0.008 U	0.0786	0.0236	0.139	1.00 - 3.00
6-00179	60274	Pa-231	0.132 U	0.484	0.153	0.936	1.00 - 3.00
6-00179	60274	Pb-212	1.31	0.0201	0.0818	2.69	1.00 - 3.00
6-00179	60274	Pb-214	1.01	0.0197	0.048	1.7	1.00 - 3.00
6-00179	60274	Pu-236	0.0058 UJ	0.0369	0.0097	7.79	1.00 - 3.00
6-00179	60274	Pu-238	0.0116 UJ	0.0424	0.012	0.0415	1.00 - 3.00
6-00179	60274	Pu-239/240	0.0065	0.0181	0.0054	0.0404	1.00 - 3.00
6-00179	60274	Pu-244	0	0.0077	0.0029	0.0313	1.00 - 3.00
6-00179	60274	Sb-125	0.0008 U	0.0266	0.0081	0.354	1.00 - 3.00
6-00179	60274	Sn-126	0.0028 U	0.0103	0.0031	0.0237	1.00 - 3.00
6-00179	60274	Sr-90	0.0401 U	0.413	0.118	0.485	1.00 - 3.00
6-00179	60274	Th-228	1.28	0.0538	0.122	3.98	1.00 - 3.00
6-00179	60274	Th-229	0.0416	0.0645	0.0221	0.145	1.00 - 3.00
6-00179	60274	Th-230	1.11	0.0188	0.109	2.2	1.00 - 3.00
6-00179	60274	Th-232	1.26	0.0508	0.118	3.1	1.00 - 3.00
6-00179	60274	Th-234	1.44	0.182	0.118	3.19	1.00 - 3.00
6-00179	60274	Tl-208	0.419	0.0097	0.0226	0.937	1.00 - 3.00
6-00179	60274	Tm-171	-2.61 UJ	7.49	2.71	72.4	1.00 - 3.00
6-00179	60274	U-233/234	0.986	0.0436	0.0904	2.02	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00179	60274	U-235/236	0.037	0.0442	0.0161	0.151	1.00 - 3.00
6-00179	60274	U-238	0.98	0.0358	0.0897	1.8	1.00 - 3.00
6-00180	60275	Ac-227	-0.0125 U	0.123	0.0382	0.217	0.00 - 0.50
6-00180	60275	Ac-228	1.01	0.0813	0.0464	2.4	0.00 - 0.50
6-00180	60275	Am-241	0.0016 U	0.0144	0.0035	0.0454	0.00 - 0.50
6-00180	60275	Bi-212	0.731	0.106	0.0632	2.15	0.00 - 0.50
6-00180	60275	Bi-214	0.781	0.024	0.0368	1.59	0.00 - 0.50
6-00180	60275	Cd-113m	13.7 U	82.2	25.5	3030	0.00 - 0.50
6-00180	60275	Cm-243/244	0.0016 U	0.0205	0.0052	0.0443	0.00 - 0.50
6-00180	60275	Co-60	-0.0058 U	0.0146	0.0045	0.028	0.00 - 0.50
6-00180	60275	Cs-134	0.0126 SJ	0.0125	0.0051	0.0864	0.00 - 0.50
6-00180	60275	Cs-137	0.0327	0.0143	0.0057	0.207	0.00 - 0.50
6-00180	60275	Eu-152	-0.0151 U	0.0318	0.0104	0.0566	0.00 - 0.50
6-00180	60275	Eu-154	-0.043 UJ	0.083	0.0274	0.15	0.00 - 0.50
6-00180	60275	Eu-155	0.0471 SJ	0.0361	0.0146	0.231	0.00 - 0.50
6-00180	60275	Ho-166m	-0.0077 U	0.0209	0.0064	0.0432	0.00 - 0.50
6-00180	60275	K-40	20.7	0.117	1.12	32.4	0.00 - 0.50
6-00180	60275	Na-22	-0.0052 U	0.018	0.0054	0.037	0.00 - 0.50
6-00180	60275	Nb-94	-0.0001 U	0.012	0.0035	0.0214	0.00 - 0.50
6-00180	60275	Np-236	-0.0025 U	0.0199	0.0059	0.047	0.00 - 0.50
6-00180	60275	Np-239	-0.0273 U	0.08	0.0256	0.139	0.00 - 0.50
6-00180	60275	Pa-231	-0.0769 U	0.527	0.166	0.936	0.00 - 0.50
6-00180	60275	Pb-212	1.17	0.0216	0.0652	2.69	0.00 - 0.50
6-00180	60275	Pb-214	0.817	0.0233	0.0373	1.7	0.00 - 0.50
6-00180	60275	Pu-236	-0.0014 U	0.0202	0.0047	7.79	0.00 - 0.50
6-00180	60275	Pu-238	0.0014 U	0.0192	0.0049	0.0415	0.00 - 0.50
6-00180	60275	Pu-239/240	0.0041	0.01	0.003	0.0404	0.00 - 0.50
6-00180	60275	Pu-244	0.0014 U	0.01	0.0024	0.0313	0.00 - 0.50
6-00180	60275	Sb-125	0.0016 U	0.0318	0.0094	0.354	0.00 - 0.50
6-00180	60275	Sn-126	0.0044 U	0.0138	0.0041	0.0237	0.00 - 0.50
6-00180	60275	Sr-90	0.115 U	0.199	0.0624	0.485	0.00 - 0.50
6-00180	60275	Th-228	1.13	0.109	0.118	3.98	0.00 - 0.50
6-00180	60275	Th-229	-0.0507 U	0.136	0.0299	0.145	0.00 - 0.50
6-00180	60275	Th-230	0.723	0.102	0.0876	2.2	0.00 - 0.50
6-00180	60275	Th-232	0.915	0.0776	0.0991	3.1	0.00 - 0.50
6-00180	60275	Th-234	1.24	0.151	0.0929	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00180	60275	Tl-208	0.365	0.0129	0.0207	0.937	0.00 - 0.50
6-00180	60275	Tm-171	1.79 U	4.67	1.55	72.4	0.00 - 0.50
6-00180	60275	U-233/234	0.893	0.0562	0.101	2.02	0.00 - 0.50
6-00180	60275	U-235/236	0.0678	0.0695	0.0277	0.151	0.00 - 0.50
6-00180	60275	U-238	0.945	0.0396	0.105	1.8	0.00 - 0.50
6-00180	60276	Ac-227	-0.0193 U	0.122	0.0374	0.217	1.00 - 5.00
6-00180	60276	Ac-228	1.25	0.0592	0.0578	2.4	1.00 - 5.00
6-00180	60276	Am-241	0.0018	0.0048	0.0018	0.0454	1.00 - 5.00
6-00180	60276	Bi-212	0.852	0.0838	0.0609	2.15	1.00 - 5.00
6-00180	60276	Bi-214	0.86	0.0184	0.0381	1.59	1.00 - 5.00
6-00180	60276	Cd-113m	16.7 U	81.2	25.8	3030	1.00 - 5.00
6-00180	60276	Cm-243/244	0.0046 U	0.0142	0.004	0.0443	1.00 - 5.00
6-00180	60276	Co-60	-0.0006 U	0.0109	0.0033	0.028	1.00 - 5.00
6-00180	60276	Cs-134	0.0063 JS	0.0094	0.0035	0.0864	1.00 - 5.00
6-00180	60276	Cs-137	0.0014 U	0.0106	0.0037	0.207	1.00 - 5.00
6-00180	60276	Eu-152	-0.0182 U	0.0289	0.0108	0.0566	1.00 - 5.00
6-00180	60276	Eu-154	0.0085 U	0.062	0.0212	0.15	1.00 - 5.00
6-00180	60276	Eu-155	0.0512 JS	0.0427	0.0153	0.231	1.00 - 5.00
6-00180	60276	Ho-166m	0.0008 U	0.0165	0.005	0.0432	1.00 - 5.00
6-00180	60276	K-40	22.1	0.0814	1.31	32.4	1.00 - 5.00
6-00180	60276	Na-22	0.0003 U	0.0129	0.0045	0.037	1.00 - 5.00
6-00180	60276	Nb-94	0.0063 JS	0.0099	0.0033	0.0214	1.00 - 5.00
6-00180	60276	Np-236	-0.0003 UJ	0.0232	0.0071	0.047	1.00 - 5.00
6-00180	60276	Np-239	-0.0314 U	0.0817	0.026	0.139	1.00 - 5.00
6-00180	60276	Pa-231	0.0126 UJ	0.505	0.154	0.936	1.00 - 5.00
6-00180	60276	Pb-212	1.41	0.021	0.0851	2.69	1.00 - 5.00
6-00180	60276	Pb-214	0.951	0.0213	0.0453	1.7	1.00 - 5.00
6-00180	60276	Pu-236	-0.0003 U	0.0196	0.0041	7.79	1.00 - 5.00
6-00180	60276	Pu-238	-0.0087 U	0.0295	0.0059	0.0415	1.00 - 5.00
6-00180	60276	Pu-239/240	0.0103	0.0056	0.0047	0.0404	1.00 - 5.00
6-00180	60276	Pu-244	-0.0015 U	0.0131	0.0025	0.0313	1.00 - 5.00
6-00180	60276	Sb-125	-0.0024 U	0.0277	0.0082	0.354	1.00 - 5.00
6-00180	60276	Sn-126	0.0017 U	0.0107	0.0032	0.0237	1.00 - 5.00
6-00180	60276	Sr-90	-0.0715 U	0.258	0.0649	0.485	1.00 - 5.00
6-00180	60276	Th-228	1.37	0.0635	0.126	3.98	1.00 - 5.00
6-00180	60276	Th-229	0.0446	0.047	0.0193	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00180	60276	Th-230	0.923	0.0469	0.094	2.2	1.00 - 5.00
6-00180	60276	Th-232	1.19	0.0467	0.111	3.1	1.00 - 5.00
6-00180	60276	Th-234	1.45	0.177	0.11	3.19	1.00 - 5.00
6-00180	60276	Tl-208	0.43	0.0105	0.0228	0.937	1.00 - 5.00
6-00180	60276	Tm-171	-3.52 U	7.43	2.76	72.4	1.00 - 5.00
6-00180	60276	U-233/234	0.679	0.0502	0.0776	2.02	1.00 - 5.00
6-00180	60276	U-235/236	0.0326	0.0394	0.016	0.151	1.00 - 5.00
6-00180	60276	U-238	0.714	0.0452	0.0802	1.8	1.00 - 5.00
6-00181	60277	Ac-227	0.152 J	0.198	0.0686	0.217	0.00 - 0.50
6-00181	60277	Ac-228	1.25	0.0839	0.0614	2.4	0.00 - 0.50
6-00181	60277	Am-241	0.0027 U	0.0164	0.0043	0.0454	0.00 - 0.50
6-00181	60277	Bi-212	0.891	0.119	0.0779	2.15	0.00 - 0.50
6-00181	60277	Bi-214	0.914	0.0282	0.0439	1.59	0.00 - 0.50
6-00181	60277	Cd-113m	-190 UJ	130	65.4	3030	0.00 - 0.50
6-00181	60277	Cm-243/244	0.0028 U	0.0101	0.0028	0.0443	0.00 - 0.50
6-00181	60277	Co-60	0.0002 U	0.0159	0.0047	0.028	0.00 - 0.50
6-00181	60277	Cs-134	0.0592 SJ	0.0173	0.015	0.0864	0.00 - 0.50
6-00181	60277	Cs-137	0.0561	0.015	0.0098	0.207	0.00 - 0.50
6-00181	60277	Eu-152	-0.0133 U	0.0466	0.0279	0.0566	0.00 - 0.50
6-00181	60277	Eu-154	0.0129 UJ	0.0882	0.0266	0.15	0.00 - 0.50
6-00181	60277	Eu-155	0.0061 U	0.0744	0.0227	0.231	0.00 - 0.50
6-00181	60277	Ho-166m	-0.0051 U	0.024	0.0073	0.0432	0.00 - 0.50
6-00181	60277	K-40	23.6	0.12	1.52	32.4	0.00 - 0.50
6-00181	60277	Na-22	-0.0137 UJ	0.0189	0.0066	0.037	0.00 - 0.50
6-00181	60277	Nb-94	0.0076 SJ	0.0139	0.0045	0.0214	0.00 - 0.50
6-00181	60277	Np-236	-0.024 U	0.039	0.0133	0.047	0.00 - 0.50
6-00181	60277	Np-239	-0.105 UJ	0.132	0.049	0.139	0.00 - 0.50
6-00181	60277	Pa-231	-0.013 U	0.806	0.279	0.936	0.00 - 0.50
6-00181	60277	Pb-212	1.52	0.0346	0.108	2.69	0.00 - 0.50
6-00181	60277	Pb-214	1.04	0.0329	0.054	1.7	0.00 - 0.50
6-00181	60277	Pu-236	0.0042 U	0.0181	0.005	7.79	0.00 - 0.50
6-00181	60277	Pu-238	0.004 U	0.0173	0.0048	0.0415	0.00 - 0.50
6-00181	60277	Pu-239/240	0.0079	0.0097	0.0037	0.0404	0.00 - 0.50
6-00181	60277	Pu-244	0.0053 J	0.0036	0.0026	0.0313	0.00 - 0.50
6-00181	60277	Sb-125	0.0246 SJ	0.044	0.0142	0.354	0.00 - 0.50
6-00181	60277	Sn-126	-0.0015 U	0.0153	0.0046	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00181	60277	Sr-90	0.0152 U	0.0797	0.0224	0.485	0.00 - 0.50
6-00181	60277	Th-228	1.25	0.15	0.135	3.98	0.00 - 0.50
6-00181	60277	Th-229	0.0643	0.0592	0.0257	0.145	0.00 - 0.50
6-00181	60277	Th-230	0.938	0.0864	0.106	2.2	0.00 - 0.50
6-00181	60277	Th-232	1.26	0.0589	0.127	3.1	0.00 - 0.50
6-00181	60277	Th-234	0.946 J	0.381	0.272	3.19	0.00 - 0.50
6-00181	60277	Tl-208	0.457	0.0157	0.0256	0.937	0.00 - 0.50
6-00181	60277	Tm-171	0.223 U	19.8	6.49	72.4	0.00 - 0.50
6-00181	60277	U-233/234	0.682	0.069	0.0827	2.02	0.00 - 0.50
6-00181	60277	U-235/236	0.0353	0.0661	0.0215	0.151	0.00 - 0.50
6-00181	60277	U-238	0.779	0.0535	0.0898	1.8	0.00 - 0.50
6-00181	60278	Ac-227	0.0202 U	0.141	0.0435	0.217	6.00 - 6.50
6-00181	60278	Ac-228	1.57	0.0624	0.072	2.4	6.00 - 6.50
6-00181	60278	Am-241	-0.0119 UJ	0.0414	0.0079	0.0454	6.00 - 6.50
6-00181	60278	Bi-212	1.1	0.0886	0.0694	2.15	6.00 - 6.50
6-00181	60278	Bi-214	0.852	0.02	0.0379	1.59	6.00 - 6.50
6-00181	60278	Cd-113m	8.82 U	93.6	29.9	3030	6.00 - 6.50
6-00181	60278	Cm-243/244	-0.0088 UJ	0.0416	0.0085	0.0443	6.00 - 6.50
6-00181	60278	Co-60	-0.0015 U	0.0112	0.0034	0.028	6.00 - 6.50
6-00181	60278	Cs-134	0.0003 U	0.01	0.0035	0.0864	6.00 - 6.50
6-00181	60278	Cs-137	0.0056 U	0.0114	0.0041	0.207	6.00 - 6.50
6-00181	60278	Eu-152	-0.0345 UJ	0.033	0.0147	0.0566	6.00 - 6.50
6-00181	60278	Eu-154	0.0348 J	0.0638	0.0227	0.15	6.00 - 6.50
6-00181	60278	Eu-155	0.0925 SJ	0.0519	0.0206	0.231	6.00 - 6.50
6-00181	60278	Ho-166m	-0.002 U	0.018	0.0055	0.0432	6.00 - 6.50
6-00181	60278	K-40	20.7	0.099	1.25	32.4	6.00 - 6.50
6-00181	60278	Na-22	0.0017 U	0.0137	0.0048	0.037	6.00 - 6.50
6-00181	60278	Nb-94	0.0031 U	0.0106	0.0033	0.0214	6.00 - 6.50
6-00181	60278	Np-236	-0.0174 U	0.028	0.0122	0.047	6.00 - 6.50
6-00181	60278	Np-239	0.0253 U	0.0977	0.0304	0.139	6.00 - 6.50
6-00181	60278	Pa-231	-0.214 U	0.578	0.202	0.936	6.00 - 6.50
6-00181	60278	Pb-212	1.85	0.0247	0.112	2.69	6.00 - 6.50
6-00181	60278	Pb-214	0.969	0.0241	0.0451	1.7	6.00 - 6.50
6-00181	60278	Pu-236	-0.001 U	0.0175	0.0032	7.79	6.00 - 6.50
6-00181	60278	Pu-238	-0.0019 U	0.0213	0.0043	0.0415	6.00 - 6.50
6-00181	60278	Pu-239/240	-0.0016 U	0.0277	0.0064	0.0404	6.00 - 6.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00181	60278	Pu-244	0.0021	0.0057	0.0021	0.0313	6.00 - 6.50
6-00181	60278	Sb-125	0.0072 U	0.0317	0.0095	0.354	6.00 - 6.50
6-00181	60278	Sn-126	-0.0054 U	0.0114	0.0037	0.0237	6.00 - 6.50
6-00181	60278	Sr-90	0.003 U	0.329	0.0887	0.485	6.00 - 6.50
6-00181	60278	Th-228	1.45	0.0691	0.135	3.98	6.00 - 6.50
6-00181	60278	Th-229	0.042	0.0842	0.0263	0.145	6.00 - 6.50
6-00181	60278	Th-230	1.13	0.0189	0.11	2.2	6.00 - 6.50
6-00181	60278	Th-232	1.32	0.0189	0.123	3.1	6.00 - 6.50
6-00181	60278	Th-234	1.86	0.228	0.151	3.19	6.00 - 6.50
6-00181	60278	Tl-208	0.554	0.0116	0.0285	0.937	6.00 - 6.50
6-00181	60278	Tm-171	-15 UJ	10.9	5.19	72.4	6.00 - 6.50
6-00181	60278	U-233/234	1.08	0.0588	0.113	2.02	6.00 - 6.50
6-00181	60278	U-235/236	0.0507	0.0196	0.0195	0.151	6.00 - 6.50
6-00181	60278	U-238	1.21	0.0373	0.124	1.8	6.00 - 6.50
6-00182	60279	Ac-227	0.0029 U	0.111	0.034	0.217	0.00 - 0.50
6-00182	60279	Ac-228	1.11	0.0564	0.051	2.4	0.00 - 0.50
6-00182	60279	Am-241	0.0037	0.0091	0.0028	0.0454	0.00 - 0.50
6-00182	60279	Bi-212	0.742	0.0783	0.0528	2.15	0.00 - 0.50
6-00182	60279	Bi-214	0.79	0.0175	0.036	1.59	0.00 - 0.50
6-00182	60279	Cd-113m	34.5 U	73.7	23.9	3030	0.00 - 0.50
6-00182	60279	Cm-243/244	0.0063	0.0034	0.0028	0.0443	0.00 - 0.50
6-00182	60279	Co-60	0.0028 U	0.0109	0.0033	0.028	0.00 - 0.50
6-00182	60279	Cs-134	0.0024 U	0.0091	0.0032	0.0864	0.00 - 0.50
6-00182	60279	Cs-137	0.0127	0.0098	0.0035	0.207	0.00 - 0.50
6-00182	60279	Eu-152	-0.01 U	0.0269	0.0083	0.0566	0.00 - 0.50
6-00182	60279	Eu-154	-0.0369 UJ	0.0567	0.0194	0.15	0.00 - 0.50
6-00182	60279	Eu-155	0.0855 SJ	0.0384	0.0185	0.231	0.00 - 0.50
6-00182	60279	Ho-166m	0.0008 U	0.0153	0.0047	0.0432	0.00 - 0.50
6-00182	60279	K-40	21.1	0.079	1.21	32.4	0.00 - 0.50
6-00182	60279	Na-22	-0.003 U	0.0124	0.0045	0.037	0.00 - 0.50
6-00182	60279	Nb-94	0.0036 U	0.0092	0.0029	0.0214	0.00 - 0.50
6-00182	60279	Np-236	-0.0148 SUJ	0.0208	0.0071	0.047	0.00 - 0.50
6-00182	60279	Np-239	0.0037 U	0.074	0.0226	0.139	0.00 - 0.50
6-00182	60279	Pa-231	-0.163 U	0.448	0.145	0.936	0.00 - 0.50
6-00182	60279	Pb-212	1.24	0.0195	0.0743	2.69	0.00 - 0.50
6-00182	60279	Pb-214	0.879	0.0189	0.0415	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00182	60279	Pu-236	-0.0082 U	0.0324	0.0071	7.79	0.00 - 0.50
6-00182	60279	Pu-238	0.0019 U	0.0208	0.0051	0.0415	0.00 - 0.50
6-00182	60279	Pu-239/240	0.0039 U	0.0142	0.0039	0.0404	0.00 - 0.50
6-00182	60279	Pu-244	0.0019 U	0.0142	0.0033	0.0313	0.00 - 0.50
6-00182	60279	Sb-125	0.0105 U	0.0259	0.0079	0.354	0.00 - 0.50
6-00182	60279	Sn-126	-0.0028 U	0.0095	0.003	0.0237	0.00 - 0.50
6-00182	60279	Sr-90	0.0875 U	0.213	0.0645	0.485	0.00 - 0.50
6-00182	60279	Th-228	1.24	0.0636	0.118	3.98	0.00 - 0.50
6-00182	60279	Th-229	-0.0192 U	0.0902	0.0192	0.145	0.00 - 0.50
6-00182	60279	Th-230	0.906	0.0592	0.0936	2.2	0.00 - 0.50
6-00182	60279	Th-232	1.14	0.0468	0.108	3.1	0.00 - 0.50
6-00182	60279	Th-234	1	0.165	0.0985	3.19	0.00 - 0.50
6-00182	60279	Tl-208	0.384	0.0099	0.0209	0.937	0.00 - 0.50
6-00182	60279	Tm-171	-0.151 U	7.8	2.7	72.4	0.00 - 0.50
6-00182	60279	U-233/234	1.23	0.054	0.125	2.02	0.00 - 0.50
6-00182	60279	U-235/236	0.0812	0.02	0.0252	0.151	0.00 - 0.50
6-00182	60279	U-238	1.26	0.0162	0.127	1.8	0.00 - 0.50
6-00182	60280	Ac-227	-0.0505 U	0.106	0.0338	0.217	1.00 - 5.00
6-00182	60280	Ac-228	1.14	0.0557	0.0506	2.4	1.00 - 5.00
6-00182	60280	Am-241	0.0059	0.0131	0.0041	0.0454	1.00 - 5.00
6-00182	60280	Bi-212	0.797	0.0741	0.0523	2.15	1.00 - 5.00
6-00182	60280	Bi-214	0.814	0.0164	0.0355	1.59	1.00 - 5.00
6-00182	60280	Cd-113m	-0.18 U	71.8	21.9	3030	1.00 - 5.00
6-00182	60280	Cm-243/244	0.0026 U	0.0132	0.0034	0.0443	1.00 - 5.00
6-00182	60280	Co-60	-0.0003 U	0.0101	0.0029	0.028	1.00 - 5.00
6-00182	60280	Cs-134	0.0007 U	0.0083	0.0029	0.0864	1.00 - 5.00
6-00182	60280	Cs-137	-0.0018 U	0.0093	0.0032	0.207	1.00 - 5.00
6-00182	60280	Eu-152	0.0099 U	0.0256	0.0089	0.0566	1.00 - 5.00
6-00182	60280	Eu-154	0.0094 U	0.0567	0.0195	0.15	1.00 - 5.00
6-00182	60280	Eu-155	0.0611 JS	0.0372	0.0144	0.231	1.00 - 5.00
6-00182	60280	Ho-166m	0.006 U	0.0149	0.0045	0.0432	1.00 - 5.00
6-00182	60280	K-40	21.4	0.0717	1.19	32.4	1.00 - 5.00
6-00182	60280	Na-22	-0.0006 U	0.012	0.0041	0.037	1.00 - 5.00
6-00182	60280	Nb-94	0.0009 U	0.0084	0.0024	0.0214	1.00 - 5.00
6-00182	60280	Np-236	-0.0185 UJ	0.0202	0.0077	0.047	1.00 - 5.00
6-00182	60280	Np-239	0.0033 U	0.0724	0.0212	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00182	60280	Pa-231	-0.0199 UJ	0.442	0.135	0.936	1.00 - 5.00
6-00182	60280	Pb-212	1.23	0.0188	0.0733	2.69	1.00 - 5.00
6-00182	60280	Pb-214	0.9	0.0184	0.0418	1.7	1.00 - 5.00
6-00182	60280	Pu-236	-0.0028 UJ	0.0319	0.0064	7.79	1.00 - 5.00
6-00182	60280	Pu-238	-0.0049 UJ	0.033	0.0065	0.0415	1.00 - 5.00
6-00182	60280	Pu-239/240	0.0034 UJ	0.0304	0.0075	0.0404	1.00 - 5.00
6-00182	60280	Pu-244	0	0.0082	0.003	0.0313	1.00 - 5.00
6-00182	60280	Sb-125	0.0057 U	0.0247	0.0075	0.354	1.00 - 5.00
6-00182	60280	Sn-126	0.0046 U	0.0097	0.003	0.0237	1.00 - 5.00
6-00182	60280	Sr-90	0.0368 U	0.293	0.0831	0.485	1.00 - 5.00
6-00182	60280	Th-228	1.26	0.0778	0.122	3.98	1.00 - 5.00
6-00182	60280	Th-229	0.0202	0.0496	0.0151	0.145	1.00 - 5.00
6-00182	60280	Th-230	1.01	0.0182	0.101	2.2	1.00 - 5.00
6-00182	60280	Th-232	1.25	0.0182	0.117	3.1	1.00 - 5.00
6-00182	60280	Th-234	1.26	0.158	0.105	3.19	1.00 - 5.00
6-00182	60280	Tl-208	0.372	0.0095	0.0196	0.937	1.00 - 5.00
6-00182	60280	Tm-171	-5.92 UJ	6.22	2.55	72.4	1.00 - 5.00
6-00182	60280	U-233/234	0.822	0.0466	0.1	2.02	1.00 - 5.00
6-00182	60280	U-235/236	0.0452	0.0245	0.0205	0.151	1.00 - 5.00
6-00182	60280	U-238	0.819	0.0733	0.101	1.8	1.00 - 5.00
6-00183	60281	Ac-227	0.115 J	0.15	0.0515	0.217	0.00 - 0.50
6-00183	60281	Ac-228	1.24	0.0738	0.0585	2.4	0.00 - 0.50
6-00183	60281	Am-241	0.0027 U	0.0162	0.0043	0.0454	0.00 - 0.50
6-00183	60281	Bi-212	0.853	0.0955	0.0636	2.15	0.00 - 0.50
6-00183	60281	Bi-214	0.921	0.0225	0.0418	1.59	0.00 - 0.50
6-00183	60281	Cd-113m	-74 UJ	95.6	36.2	3030	0.00 - 0.50
6-00183	60281	Cm-243/244	0.0014 U	0.01	0.0024	0.0443	0.00 - 0.50
6-00183	60281	Co-60	0.0001 U	0.0128	0.0038	0.028	0.00 - 0.50
6-00183	60281	Cs-134	0.0166 JS	0.0122	0.0056	0.0864	0.00 - 0.50
6-00183	60281	Cs-137	0.0146	0.0124	0.0045	0.207	0.00 - 0.50
6-00183	60281	Eu-152	-0.036 UJ	0.0355	0.0167	0.0566	0.00 - 0.50
6-00183	60281	Eu-154	-0.0084 U	0.0707	0.021	0.15	0.00 - 0.50
6-00183	60281	Eu-155	0.0743 JS	0.0518	0.0173	0.231	0.00 - 0.50
6-00183	60281	Ho-166m	-0.0036 U	0.0195	0.006	0.0432	0.00 - 0.50
6-00183	60281	K-40	22.9	0.0941	1.39	32.4	0.00 - 0.50
6-00183	60281	Na-22	-0.0044 U	0.016	0.0049	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00183	60281	Nb-94	0.0086 JS	0.0116	0.004	0.0214	0.00 - 0.50
6-00183	60281	Np-236	0.0027 UJ	0.0282	0.009	0.047	0.00 - 0.50
6-00183	60281	Np-239	-0.0423 U	0.0981	0.0308	0.139	0.00 - 0.50
6-00183	60281	Pa-231	-0.1 U	0.609	0.193	0.936	0.00 - 0.50
6-00183	60281	Pb-212	1.44	0.0256	0.0878	2.69	0.00 - 0.50
6-00183	60281	Pb-214	1.02	0.0256	0.0481	1.7	0.00 - 0.50
6-00183	60281	Pu-236	0.0034 U	0.0125	0.0034	7.79	0.00 - 0.50
6-00183	60281	Pu-238	0.0016	0.0044	0.0016	0.0415	0.00 - 0.50
6-00183	60281	Pu-239/240	0.0064	0.0118	0.004	0.0404	0.00 - 0.50
6-00183	60281	Pu-244	0.0032	0.0044	0.0023	0.0313	0.00 - 0.50
6-00183	60281	Sb-125	0.004 U	0.0334	0.01	0.354	0.00 - 0.50
6-00183	60281	Sn-126	-0.0004 U	0.0124	0.0038	0.0237	0.00 - 0.50
6-00183	60281	Sr-90	0.0537 U	0.14	0.042	0.485	0.00 - 0.50
6-00183	60281	Th-228	1.23	0.0548	0.12	3.98	0.00 - 0.50
6-00183	60281	Th-229	0.0347	0.0748	0.0231	0.145	0.00 - 0.50
6-00183	60281	Th-230	0.679	0.0188	0.0791	2.2	0.00 - 0.50
6-00183	60281	Th-232	1.06	0.0642	0.106	3.1	0.00 - 0.50
6-00183	60281	Th-234	1.25	0.217	0.121	3.19	0.00 - 0.50
6-00183	60281	Tl-208	0.455	0.0123	0.0248	0.937	0.00 - 0.50
6-00183	60281	Tm-171	-9.8 UJ	9.61	4.12	72.4	0.00 - 0.50
6-00183	60281	U-233/234	0.644	0.0501	0.0769	2.02	0.00 - 0.50
6-00183	60281	U-235/236	0.0088 U	0.0436	0.0109	0.151	0.00 - 0.50
6-00183	60281	U-238	0.771	0.0353	0.0867	1.8	0.00 - 0.50
6-00183	60282	Ac-227	-0.0237 U	0.128	0.0398	0.217	1.00 - 5.00
6-00183	60282	Ac-228	1.13	0.0605	0.0529	2.4	1.00 - 5.00
6-00183	60282	Am-241	0.0006 U	0.0133	0.0026	0.0454	1.00 - 5.00
6-00183	60282	Bi-212	0.76	0.0827	0.0523	2.15	1.00 - 5.00
6-00183	60282	Bi-214	0.84	0.0178	0.0368	1.59	1.00 - 5.00
6-00183	60282	Cd-113m	3.71 U	86.5	27.6	3030	1.00 - 5.00
6-00183	60282	Cm-243/244	-0.0061 U	0.0211	0.0037	0.0443	1.00 - 5.00
6-00183	60282	Co-60	-0.0066 U	0.0101	0.0035	0.028	1.00 - 5.00
6-00183	60282	Cs-134	0.0028 U	0.0092	0.0032	0.0864	1.00 - 5.00
6-00183	60282	Cs-137	-0.0004 U	0.0104	0.0036	0.207	1.00 - 5.00
6-00183	60282	Eu-152	-0.0035 U	0.0309	0.0133	0.0566	1.00 - 5.00
6-00183	60282	Eu-154	0.0404 J	0.0608	0.0222	0.15	1.00 - 5.00
6-00183	60282	Eu-155	0.056 JS	0.0466	0.0161	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00183	60282	Ho-166m	-0.0029 U	0.0163	0.005	0.0432	1.00 - 5.00
6-00183	60282	K-40	21.1	0.0873	1.27	32.4	1.00 - 5.00
6-00183	60282	Na-22	0.0006 U	0.0127	0.0038	0.037	1.00 - 5.00
6-00183	60282	Nb-94	0.0077 JS	0.0099	0.0034	0.0214	1.00 - 5.00
6-00183	60282	Np-236	-0.0088 UJ	0.0251	0.0084	0.047	1.00 - 5.00
6-00183	60282	Np-239	-0.0227 U	0.0864	0.0272	0.139	1.00 - 5.00
6-00183	60282	Pa-231	-0.042 UJ	0.529	0.178	0.936	1.00 - 5.00
6-00183	60282	Pb-212	1.29	0.0226	0.0781	2.69	1.00 - 5.00
6-00183	60282	Pb-214	0.939	0.0222	0.0435	1.7	1.00 - 5.00
6-00183	60282	Pu-236	0.0068 UJ	0.0486	0.013	7.79	1.00 - 5.00
6-00183	60282	Pu-238	0.0055 UJ	0.0556	0.0149	0.0415	1.00 - 5.00
6-00183	60282	Pu-239/240	0.0111	0.0246	0.0077	0.0404	1.00 - 5.00
6-00183	60282	Pu-244	0.0094	0.0085	0.0054	0.0313	1.00 - 5.00
6-00183	60282	Sb-125	0.0182 JS	0.0288	0.0094	0.354	1.00 - 5.00
6-00183	60282	Sn-126	0.0077 J	0.0108	0.0037	0.0237	1.00 - 5.00
6-00183	60282	Sr-90	-0.042 U	0.236	0.06	0.485	1.00 - 5.00
6-00183	60282	Th-228	0.715	0.0927	0.0884	3.98	1.00 - 5.00
6-00183	60282	Th-229	0.036	0.0195	0.0162	0.145	1.00 - 5.00
6-00183	60282	Th-230	0.568	0.0529	0.0731	2.2	1.00 - 5.00
6-00183	60282	Th-232	0.58	0.0666	0.0746	3.1	1.00 - 5.00
6-00183	60282	Th-234	1.5	0.204	0.132	3.19	1.00 - 5.00
6-00183	60282	Tl-208	0.411	0.0106	0.0215	0.937	1.00 - 5.00
6-00183	60282	Tm-171	-5.03 U	9.82	3.54	72.4	1.00 - 5.00
6-00183	60282	U-233/234	0.501	0.0687	0.0741	2.02	1.00 - 5.00
6-00183	60282	U-235/236	0.0563	0.0254	0.0234	0.151	1.00 - 5.00
6-00183	60282	U-238	0.568	0.0687	0.0801	1.8	1.00 - 5.00
6-00184	60283	Ac-227	0.0326 U	0.152	0.0515	0.217	0.00 - 0.50
6-00184	60283	Ac-228	1.01	0.0761	0.0497	2.4	0.00 - 0.50
6-00184	60283	Am-241	0.0111 U	0.0365	0.0103	0.0454	0.00 - 0.50
6-00184	60283	Bi-212	0.715	0.114	0.0642	2.15	0.00 - 0.50
6-00184	60283	Bi-214	0.766	0.0241	0.0369	1.59	0.00 - 0.50
6-00184	60283	Cd-113m	88.2 J	102	50.3	3030	0.00 - 0.50
6-00184	60283	Cm-243/244	0.0056 U	0.0345	0.0087	0.0443	0.00 - 0.50
6-00184	60283	Co-60	0.0093 J	0.0148	0.0047	0.028	0.00 - 0.50
6-00184	60283	Cs-134	-0.0034 UJ	0.0124	0.0043	0.0864	0.00 - 0.50
6-00184	60283	Cs-137	0.0533	0.0152	0.0065	0.207	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00184	60283	Eu-152	0.0186 U	0.0383	0.0158	0.0566	0.00 - 0.50
6-00184	60283	Eu-154	0.0283 U	0.0799	0.0273	0.15	0.00 - 0.50
6-00184	60283	Eu-155	0.0161 U	0.0565	0.018	0.231	0.00 - 0.50
6-00184	60283	Ho-166m	0.0023 UJ	0.0209	0.0061	0.0432	0.00 - 0.50
6-00184	60283	K-40	20.4	0.0986	1.16	32.4	0.00 - 0.50
6-00184	60283	Na-22	-0.0041 U	0.0171	0.0053	0.037	0.00 - 0.50
6-00184	60283	Nb-94	0.0052 U	0.0121	0.0037	0.0214	0.00 - 0.50
6-00184	60283	Np-236	-0.0134 U	0.0293	0.0092	0.047	0.00 - 0.50
6-00184	60283	Np-239	0.0392 U	0.104	0.032	0.139	0.00 - 0.50
6-00184	60283	Pa-231	-0.371 U	0.625	0.21	0.936	0.00 - 0.50
6-00184	60283	Pb-212	1.14	0.0276	0.0722	2.69	0.00 - 0.50
6-00184	60283	Pb-214	0.867	0.0257	0.0435	1.7	0.00 - 0.50
6-00184	60283	Pu-236	0.0056	0.0157	0.0046	7.79	0.00 - 0.50
6-00184	60283	Pu-238	0	0.0062	0.0023	0.0415	0.00 - 0.50
6-00184	60283	Pu-239/240	0.0013 U	0.0181	0.004	0.0404	0.00 - 0.50
6-00184	60283	Pu-244	0.0092	0.0062	0.0046	0.0313	0.00 - 0.50
6-00184	60283	Sb-125	0.0097 U	0.0367	0.0112	0.354	0.00 - 0.50
6-00184	60283	Sn-126	0.0018 U	0.0134	0.0039	0.0237	0.00 - 0.50
6-00184	60283	Sr-90	-0.0388 U	0.244	0.0649	0.485	0.00 - 0.50
6-00184	60283	Th-228	1.22	0.0283	0.136	3.98	0.00 - 0.50
6-00184	60283	Th-229	0.0187	0.0254	0.0133	0.145	0.00 - 0.50
6-00184	60283	Th-230	0.85	0.0253	0.104	2.2	0.00 - 0.50
6-00184	60283	Th-232	1.01	0.0837	0.117	3.1	0.00 - 0.50
6-00184	60283	Th-234	1.01 J	0.238	0.118	3.19	0.00 - 0.50
6-00184	60283	Tl-208	0.335	0.0137	0.0199	0.937	0.00 - 0.50
6-00184	60283	Tm-171	-1.85 U	10.3	3.61	72.4	0.00 - 0.50
6-00184	60283	U-233/234	0.839	0.0648	0.0979	2.02	0.00 - 0.50
6-00184	60283	U-235/236	0.0581	0.0508	0.0237	0.151	0.00 - 0.50
6-00184	60283	U-238	0.706	0.0411	0.0861	1.8	0.00 - 0.50
6-00184	60284	Ac-227	-0.0111 U	0.287	0.0847	0.217	1.00 - 2.30
6-00184	60284	Ac-228	1.48	0.175	0.0774	2.4	1.00 - 2.30
6-00184	60284	Am-241	0.0012 U	0.0166	0.0037	0.0454	1.00 - 2.30
6-00184	60284	Bi-212	1.18 J	0.226	0.129	2.15	1.00 - 2.30
6-00184	60284	Bi-214	1.01	0.0481	0.0557	1.59	1.00 - 2.30
6-00184	60284	Cd-113m	-16.2 U	187	55.4	3030	1.00 - 2.30
6-00184	60284	Cm-243/244	-0.0009 U	0.0168	0.003	0.0443	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00184	60284	Co-60	-0.0102 U	0.0294	0.0091	0.028	1.00 - 2.30
6-00184	60284	Cs-134	0.0006 U	0.0245	0.0081	0.0864	1.00 - 2.30
6-00184	60284	Cs-137	-0.0101 U	0.0282	0.0087	0.207	1.00 - 2.30
6-00184	60284	Eu-152	0.0066 U	0.0687	0.0232	0.0566	1.00 - 2.30
6-00184	60284	Eu-154	-0.0641 U	0.159	0.0513	0.15	1.00 - 2.30
6-00184	60284	Eu-155	0.161 SJ	0.0877	0.0453	0.231	1.00 - 2.30
6-00184	60284	Ho-166m	-0.0144 U	0.0446	0.0138	0.0432	1.00 - 2.30
6-00184	60284	K-40	23.5	0.236	1.36	32.4	1.00 - 2.30
6-00184	60284	Na-22	-0.0083 U	0.0361	0.0108	0.037	1.00 - 2.30
6-00184	60284	Nb-94	0.0063 U	0.0248	0.0073	0.0214	1.00 - 2.30
6-00184	60284	Np-236	-0.0018 U	0.049	0.0157	0.047	1.00 - 2.30
6-00184	60284	Np-239	-0.0533 U	0.18	0.0549	0.139	1.00 - 2.30
6-00184	60284	Pa-231	0.705 J	1.19	0.421	0.936	1.00 - 2.30
6-00184	60284	Pb-212	1.78	0.0519	0.105	2.69	1.00 - 2.30
6-00184	60284	Pb-214	1.05	0.051	0.0556	1.7	1.00 - 2.30
6-00184	60284	Pu-236	0.0034 U	0.0172	0.0044	7.79	1.00 - 2.30
6-00184	60284	Pu-238	0.0003 U	0.021	0.0047	0.0415	1.00 - 2.30
6-00184	60284	Pu-239/240	0.0116	0.0165	0.006	0.0404	1.00 - 2.30
6-00184	60284	Pu-244	0.0021	0.0057	0.0021	0.0313	1.00 - 2.30
6-00184	60284	Sb-125	0.0126 U	0.0742	0.0223	0.354	1.00 - 2.30
6-00184	60284	Sn-126	-0.0025 U	0.0269	0.0079	0.0237	1.00 - 2.30
6-00184	60284	Sr-90	0.149 U	0.298	0.092	0.485	1.00 - 2.30
6-00184	60284	Th-228	1.48	0.115	0.139	3.98	1.00 - 2.30
6-00184	60284	Th-229	0.0205 U	0.0897	0.0247	0.145	1.00 - 2.30
6-00184	60284	Th-230	0.894	0.0735	0.0957	2.2	1.00 - 2.30
6-00184	60284	Th-232	1.27	0.0632	0.12	3.1	1.00 - 2.30
6-00184	60284	Th-234	1.45 J	0.389	0.192	3.19	1.00 - 2.30
6-00184	60284	Tl-208	0.56	0.0272	0.0365	0.937	1.00 - 2.30
6-00184	60284	Tm-171	-5.33 U	17.1	5.91	72.4	1.00 - 2.30
6-00184	60284	U-233/234	0.952	0.0613	0.105	2.02	1.00 - 2.30
6-00184	60284	U-235/236	0.0528	0.0205	0.0204	0.151	1.00 - 2.30
6-00184	60284	U-238	0.881	0.0389	0.0986	1.8	1.00 - 2.30
6-00185	60285	Ac-227	0.0022 U	0.132	0.0395	0.217	0.00 - 0.50
6-00185	60285	Ac-228	1.34	0.0651	0.0609	2.4	0.00 - 0.50
6-00185	60285	Am-241	0.0031	0.0042	0.0022	0.0454	0.00 - 0.50
6-00185	60285	Bi-212	0.867	0.0885	0.062	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00185	60285	Bi-214	1	0.02	0.0447	1.59	0.00 - 0.50
6-00185	60285	Cd-113m	31.4 U	89	27.5	3030	0.00 - 0.50
6-00185	60285	Cm-243/244	0.0094	0.0043	0.0039	0.0443	0.00 - 0.50
6-00185	60285	Co-60	0.0002 U	0.0115	0.0035	0.028	0.00 - 0.50
6-00185	60285	Cs-134	0.0006 U	0.0101	0.0034	0.0864	0.00 - 0.50
6-00185	60285	Cs-137	-0.0078 U	0.0118	0.004	0.207	0.00 - 0.50
6-00185	60285	Eu-152	-0.0096 U	0.032	0.0122	0.0566	0.00 - 0.50
6-00185	60285	Eu-154	0.0007 UJ	0.0671	0.0232	0.15	0.00 - 0.50
6-00185	60285	Eu-155	0.0649 SJ	0.0473	0.0173	0.231	0.00 - 0.50
6-00185	60285	Ho-166m	-0.0026 U	0.018	0.0054	0.0432	0.00 - 0.50
6-00185	60285	K-40	24.3	0.0822	1.38	32.4	0.00 - 0.50
6-00185	60285	Na-22	0.0006 U	0.0143	0.0043	0.037	0.00 - 0.50
6-00185	60285	Nb-94	0.008 SJ	0.0107	0.0036	0.0214	0.00 - 0.50
6-00185	60285	Np-236	-0.0094 U	0.0258	0.0079	0.047	0.00 - 0.50
6-00185	60285	Np-239	0.0195 U	0.0894	0.027	0.139	0.00 - 0.50
6-00185	60285	Pa-231	-0.182 U	0.537	0.174	0.936	0.00 - 0.50
6-00185	60285	Pb-212	1.5	0.0234	0.0935	2.69	0.00 - 0.50
6-00185	60285	Pb-214	1.1	0.0226	0.0527	1.7	0.00 - 0.50
6-00185	60285	Pu-236	0.0111 U	0.0277	0.0083	7.79	0.00 - 0.50
6-00185	60285	Pu-238	0.0052 U	0.0246	0.0068	0.0415	0.00 - 0.50
6-00185	60285	Pu-239/240	-0.0017 U	0.0188	0.0039	0.0404	0.00 - 0.50
6-00185	60285	Pu-244	0 U	0.0128	0.0025	0.0313	0.00 - 0.50
6-00185	60285	Sb-125	0.0126 U	0.031	0.0098	0.354	0.00 - 0.50
6-00185	60285	Sn-126	-0.0036 U	0.0112	0.0035	0.0237	0.00 - 0.50
6-00185	60285	Sr-90	-0.0077 U	0.111	0.029	0.485	0.00 - 0.50
6-00185	60285	Th-228	1.45	0.136	0.14	3.98	0.00 - 0.50
6-00185	60285	Th-229	0 U	0.0784	0.0178	0.145	0.00 - 0.50
6-00185	60285	Th-230	0.886	0.0197	0.0954	2.2	0.00 - 0.50
6-00185	60285	Th-232	1.19	0.0196	0.116	3.1	0.00 - 0.50
6-00185	60285	Th-234	1.52	0.204	0.126	3.19	0.00 - 0.50
6-00185	60285	Tl-208	0.462	0.0115	0.0243	0.937	0.00 - 0.50
6-00185	60285	Tm-171	-4.17 U	8.65	3.2	72.4	0.00 - 0.50
6-00185	60285	U-233/234	0.937	0.0415	0.0989	2.02	0.00 - 0.50
6-00185	60285	U-235/236	0.0325	0.0176	0.0147	0.151	0.00 - 0.50
6-00185	60285	U-238	0.858	0.0528	0.0931	1.8	0.00 - 0.50
6-00185	60286	Ac-227	0.0073 U	0.135	0.0411	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00185	60286	Ac-228	1.24	0.0668	0.0579	2.4	1.00 - 5.00
6-00185	60286	Am-241	-0.005 U	0.0238	0.0049	0.0454	1.00 - 5.00
6-00185	60286	Bi-212	0.973	0.0901	0.0646	2.15	1.00 - 5.00
6-00185	60286	Bi-214	0.996	0.0205	0.0438	1.59	1.00 - 5.00
6-00185	60286	Cd-113m	-9.07 U	89.6	28.4	3030	1.00 - 5.00
6-00185	60286	Cm-243/244	-0.0128 U	0.0335	0.0072	0.0443	1.00 - 5.00
6-00185	60286	Co-60	-0.0002 U	0.0122	0.0036	0.028	1.00 - 5.00
6-00185	60286	Cs-134	0.0013 U	0.0105	0.0036	0.0864	1.00 - 5.00
6-00185	60286	Cs-137	0 U	0.0113	0.0039	0.207	1.00 - 5.00
6-00185	60286	Eu-152	-0.0309 UJ	0.0321	0.0133	0.0566	1.00 - 5.00
6-00185	60286	Eu-154	0.0361 J	0.0688	0.0244	0.15	1.00 - 5.00
6-00185	60286	Eu-155	0.0582 JS	0.0464	0.0165	0.231	1.00 - 5.00
6-00185	60286	Ho-166m	-0.0037 U	0.0183	0.0056	0.0432	1.00 - 5.00
6-00185	60286	K-40	24.6	0.0943	1.45	32.4	1.00 - 5.00
6-00185	60286	Na-22	0.0044 U	0.015	0.0053	0.037	1.00 - 5.00
6-00185	60286	Nb-94	-0.0032 U	0.0104	0.0033	0.0214	1.00 - 5.00
6-00185	60286	Np-236	-0.0152 UJ	0.0252	0.0085	0.047	1.00 - 5.00
6-00185	60286	Np-239	-0.0287 U	0.0889	0.028	0.139	1.00 - 5.00
6-00185	60286	Pa-231	-0.146 UJ	0.551	0.179	0.936	1.00 - 5.00
6-00185	60286	Pb-212	1.48	0.0231	0.0894	2.69	1.00 - 5.00
6-00185	60286	Pb-214	1.14	0.0234	0.0536	1.7	1.00 - 5.00
6-00185	60286	Pu-236	-0.0134 UJ	0.0537	0.01	7.79	1.00 - 5.00
6-00185	60286	Pu-238	0.0042 UJ	0.0312	0.0074	0.0415	1.00 - 5.00
6-00185	60286	Pu-239/240	0.0085	0.0115	0.006	0.0404	1.00 - 5.00
6-00185	60286	Pu-244	0 UJ	0.0312	0.006	0.0313	1.00 - 5.00
6-00185	60286	Sb-125	-0.0038 U	0.0304	0.009	0.354	1.00 - 5.00
6-00185	60286	Sn-126	0.002 U	0.0122	0.0037	0.0237	1.00 - 5.00
6-00185	60286	Sr-90	-0.0729 U	0.237	0.0587	0.485	1.00 - 5.00
6-00185	60286	Th-228	1.22	0.095	0.124	3.98	1.00 - 5.00
6-00185	60286	Th-229	0.0369	0.0686	0.0223	0.145	1.00 - 5.00
6-00185	60286	Th-230	0.884	0.02	0.0963	2.2	1.00 - 5.00
6-00185	60286	Th-232	1.03	0.0541	0.107	3.1	1.00 - 5.00
6-00185	60286	Th-234	1.58	0.194	0.12	3.19	1.00 - 5.00
6-00185	60286	Tl-208	0.446	0.0114	0.0241	0.937	1.00 - 5.00
6-00185	60286	Tm-171	-1.66 U	8.15	2.89	72.4	1.00 - 5.00
6-00185	60286	U-233/234	0.943	0.0666	0.103	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00185	60286	U-235/236	0.0674	0.0556	0.025	0.151	1.00 - 5.00
6-00185	60286	U-238	0.934	0.0516	0.101	1.8	1.00 - 5.00
6-00186	60287	Ac-227	-0.0071 U	0.104	0.0306	0.217	0.00 - 0.50
6-00186	60287	Ac-228	1.04	0.0512	0.0464	2.4	0.00 - 0.50
6-00186	60287	Am-241	0.0073	0.0135	0.0044	0.0454	0.00 - 0.50
6-00186	60287	Bi-212	0.731	0.0719	0.05	2.15	0.00 - 0.50
6-00186	60287	Bi-214	0.693	0.0161	0.031	1.59	0.00 - 0.50
6-00186	60287	Cd-113m	-2.66 U	69	20.4	3030	0.00 - 0.50
6-00186	60287	Cm-243/244	0 U	0.0193	0.0047	0.0443	0.00 - 0.50
6-00186	60287	Co-60	-0.0048 U	0.0096	0.0031	0.028	0.00 - 0.50
6-00186	60287	Cs-134	0.0061 JS	0.0084	0.0032	0.0864	0.00 - 0.50
6-00186	60287	Cs-137	0.0115	0.0094	0.0034	0.207	0.00 - 0.50
6-00186	60287	Eu-152	-0.0193 UJ	0.0246	0.009	0.0566	0.00 - 0.50
6-00186	60287	Eu-154	-0.0355 U	0.0551	0.0189	0.15	0.00 - 0.50
6-00186	60287	Eu-155	0.0608 JS	0.0357	0.0154	0.231	0.00 - 0.50
6-00186	60287	Ho-166m	0.0018 U	0.0145	0.0043	0.0432	0.00 - 0.50
6-00186	60287	K-40	22	0.0684	1.23	32.4	0.00 - 0.50
6-00186	60287	Na-22	0.0094 J	0.0123	0.0042	0.037	0.00 - 0.50
6-00186	60287	Nb-94	0.0089 JS	0.0087	0.0032	0.0214	0.00 - 0.50
6-00186	60287	Np-236	-0.0026 UJ	0.0197	0.0061	0.047	0.00 - 0.50
6-00186	60287	Np-239	0.0076 U	0.0698	0.0205	0.139	0.00 - 0.50
6-00186	60287	Pa-231	0.313 J	0.434	0.15	0.936	0.00 - 0.50
6-00186	60287	Pb-212	1.17	0.0181	0.0692	2.69	0.00 - 0.50
6-00186	60287	Pb-214	0.765	0.0177	0.0361	1.7	0.00 - 0.50
6-00186	60287	Pu-236	-0.0017 U	0.0122	0.0023	7.79	0.00 - 0.50
6-00186	60287	Pu-238	0 U	0.0116	0.0022	0.0415	0.00 - 0.50
6-00186	60287	Pu-239/240	-0.0063 U	0.0189	0.0035	0.0404	0.00 - 0.50
6-00186	60287	Pu-244	0 U	0.0116	0.0022	0.0313	0.00 - 0.50
6-00186	60287	Sb-125	-0.001 U	0.0241	0.0073	0.354	0.00 - 0.50
6-00186	60287	Sn-126	0.0013 U	0.0094	0.0028	0.0237	0.00 - 0.50
6-00186	60287	Sr-90	0.009 U	0.0947	0.0267	0.485	0.00 - 0.50
6-00186	60287	Th-228	1.32	0.0567	0.128	3.98	0.00 - 0.50
6-00186	60287	Th-229	-0.0144 U	0.101	0.0227	0.145	0.00 - 0.50
6-00186	60287	Th-230	0.652	0.0527	0.0789	2.2	0.00 - 0.50
6-00186	60287	Th-232	1.05	0.0526	0.107	3.1	0.00 - 0.50
6-00186	60287	Th-234	1.05	0.147	0.0944	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00186	60287	Tl-208	0.366	0.009	0.0195	0.937	0.00 - 0.50
6-00186	60287	Tm-171	-2.37 U	6.03	2.12	72.4	0.00 - 0.50
6-00186	60287	U-233/234	0.756	0.036	0.0861	2.02	0.00 - 0.50
6-00186	60287	U-235/236	0.0628	0.0189	0.0214	0.151	0.00 - 0.50
6-00186	60287	U-238	0.696	0.036	0.0812	1.8	0.00 - 0.50
6-00186	60288	Ac-227	-0.0541 U	0.154	0.0477	0.217	1.00 - 5.00
6-00186	60288	Ac-228	1.15	0.092	0.0535	2.4	1.00 - 5.00
6-00186	60288	Am-241	0.0012 U	0.0206	0.005	0.0454	1.00 - 5.00
6-00186	60288	Bi-212	0.85	0.121	0.0746	2.15	1.00 - 5.00
6-00186	60288	Bi-214	0.841	0.0267	0.0405	1.59	1.00 - 5.00
6-00186	60288	Cd-113m	-18.7 U	104	31.2	3030	1.00 - 5.00
6-00186	60288	Cm-243/244	-0.0028 U	0.0194	0.0038	0.0443	1.00 - 5.00
6-00186	60288	Co-60	-0.007 U	0.0158	0.0051	0.028	1.00 - 5.00
6-00186	60288	Cs-134	-0.0013 U	0.0132	0.0045	0.0864	1.00 - 5.00
6-00186	60288	Cs-137	-0.0052 U	0.0156	0.0048	0.207	1.00 - 5.00
6-00186	60288	Eu-152	0.0063 U	0.0398	0.0136	0.0566	1.00 - 5.00
6-00186	60288	Eu-154	-0.0165 U	0.0957	0.0295	0.15	1.00 - 5.00
6-00186	60288	Eu-155	0.079 JS	0.0502	0.0195	0.231	1.00 - 5.00
6-00186	60288	Ho-166m	0.0073 U	0.0245	0.0073	0.0432	1.00 - 5.00
6-00186	60288	K-40	19.3	0.116	1.09	32.4	1.00 - 5.00
6-00186	60288	Na-22	0.0001 U	0.0198	0.0058	0.037	1.00 - 5.00
6-00186	60288	Nb-94	0.0024 U	0.014	0.0041	0.0214	1.00 - 5.00
6-00186	60288	Np-236	-0.0051 UJ	0.0281	0.0087	0.047	1.00 - 5.00
6-00186	60288	Np-239	-0.0049 U	0.103	0.0305	0.139	1.00 - 5.00
6-00186	60288	Pa-231	-0.254 UJ	0.642	0.209	0.936	1.00 - 5.00
6-00186	60288	Pb-212	1.27	0.0287	0.074	2.69	1.00 - 5.00
6-00186	60288	Pb-214	0.927	0.028	0.0434	1.7	1.00 - 5.00
6-00186	60288	Pu-236	-0.0105 UJ	0.0427	0.0082	7.79	1.00 - 5.00
6-00186	60288	Pu-238	-0.0072 UJ	0.047	0.0105	0.0415	1.00 - 5.00
6-00186	60288	Pu-239/240	0.0028 UJ	0.0297	0.007	0.0404	1.00 - 5.00
6-00186	60288	Pu-244	0.0018 UJ	0.0259	0.0057	0.0313	1.00 - 5.00
6-00186	60288	Sb-125	0.0217 JS	0.0394	0.0127	0.354	1.00 - 5.00
6-00186	60288	Sn-126	-0.0068 U	0.0152	0.0049	0.0237	1.00 - 5.00
6-00186	60288	Sr-90	0.0515 U	0.196	0.0566	0.485	1.00 - 5.00
6-00186	60288	Th-228	1.63 J	0.0266	0.161	3.98	1.00 - 5.00
6-00186	60288	Th-229	0.064	0.085	0.0306	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00186	60288	Th-230	1.19	0.0247	0.127	2.2	1.00 - 5.00
6-00186	60288	Th-232	1.39	0.067	0.142	3.1	1.00 - 5.00
6-00186	60288	Th-234	1.41	0.218	0.13	3.19	1.00 - 5.00
6-00186	60288	Tl-208	0.421	0.0157	0.0246	0.937	1.00 - 5.00
6-00186	60288	Tm-171	-7.31 UJ	9.28	3.62	72.4	1.00 - 5.00
6-00186	60288	U-233/234	0.404	0.0526	0.058	2.02	1.00 - 5.00
6-00186	60288	U-235/236	0.0216	0.0195	0.0125	0.151	1.00 - 5.00
6-00186	60288	U-238	0.428	0.0459	0.0597	1.8	1.00 - 5.00
6-00187	60289	Ac-227	-0.0496 U	0.158	0.049	0.217	0.00 - 0.50
6-00187	60289	Ac-228	1.3	0.0812	0.0604	2.4	0.00 - 0.50
6-00187	60289	Am-241	0.0045	0.011	0.0034	0.0454	0.00 - 0.50
6-00187	60289	Bi-212	0.856	0.111	0.0658	2.15	0.00 - 0.50
6-00187	60289	Bi-214	1.09	0.0252	0.049	1.59	0.00 - 0.50
6-00187	60289	Cd-113m	23.6 U	107	33.4	3030	0.00 - 0.50
6-00187	60289	Cm-243/244	0.003	0.0041	0.0021	0.0443	0.00 - 0.50
6-00187	60289	Co-60	0.0034 U	0.0155	0.0045	0.028	0.00 - 0.50
6-00187	60289	Cs-134	0.0067 JS	0.0132	0.0047	0.0864	0.00 - 0.50
6-00187	60289	Cs-137	0.0283	0.014	0.0054	0.207	0.00 - 0.50
6-00187	60289	Eu-152	-0.0158 UJ	0.0383	0.0133	0.0566	0.00 - 0.50
6-00187	60289	Eu-154	-0.0059 U	0.0821	0.0284	0.15	0.00 - 0.50
6-00187	60289	Eu-155	0.0933 JS	0.0558	0.0237	0.231	0.00 - 0.50
6-00187	60289	Ho-166m	0.0054 U	0.0225	0.0068	0.0432	0.00 - 0.50
6-00187	60289	K-40	26.3	0.109	1.65	32.4	0.00 - 0.50
6-00187	60289	Na-22	-0.0171 UJ	0.0185	0.0071	0.037	0.00 - 0.50
6-00187	60289	Nb-94	0.0022 U	0.0129	0.0039	0.0214	0.00 - 0.50
6-00187	60289	Np-236	-0.002 UJ	0.0305	0.0094	0.047	0.00 - 0.50
6-00187	60289	Np-239	0.0448 U	0.109	0.0338	0.139	0.00 - 0.50
6-00187	60289	Pa-231	0.149 U	0.664	0.217	0.936	0.00 - 0.50
6-00187	60289	Pb-212	1.54	0.0274	0.0927	2.69	0.00 - 0.50
6-00187	60289	Pb-214	1.22	0.0274	0.0563	1.7	0.00 - 0.50
6-00187	60289	Pu-236	0.0041 UJ	0.0151	0.0041	7.79	0.00 - 0.50
6-00187	60289	Pu-238	-0.0039 UJ	0.0255	0.0055	0.0415	0.00 - 0.50
6-00187	60289	Pu-239/240	0 UJ	0.0209	0.0048	0.0404	0.00 - 0.50
6-00187	60289	Pu-244	0.0117	0.0053	0.0048	0.0313	0.00 - 0.50
6-00187	60289	Sb-125	-0.0069 U	0.0368	0.0109	0.354	0.00 - 0.50
6-00187	60289	Sn-126	-0.0058 U	0.0141	0.0045	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00187	60289	Sr-90	0.0286 U	0.109	0.0316	0.485	0.00 - 0.50
6-00187	60289	Th-228	1.03	0.0516	0.104	3.98	0.00 - 0.50
6-00187	60289	Th-229	0.0131 U	0.0704	0.0185	0.145	0.00 - 0.50
6-00187	60289	Th-230	0.815	0.0606	0.0877	2.2	0.00 - 0.50
6-00187	60289	Th-232	1.15	0.0176	0.109	3.1	0.00 - 0.50
6-00187	60289	Th-234	1.51 J	0.244	0.152	3.19	0.00 - 0.50
6-00187	60289	Tl-208	0.451	0.0141	0.0249	0.937	0.00 - 0.50
6-00187	60289	Tm-171	-6.44 U	13	4.65	72.4	0.00 - 0.50
6-00187	60289	U-233/234	0.805	0.0402	0.0873	2.02	0.00 - 0.50
6-00187	60289	U-235/236	0.0756	0.0171	0.0225	0.151	0.00 - 0.50
6-00187	60289	U-238	0.81	0.0138	0.0873	1.8	0.00 - 0.50
6-00187	60290	Ac-227	-0.0539 U	0.127	0.0397	0.217	1.00 - 5.00
6-00187	60290	Ac-228	1.39	0.0623	0.0616	2.4	1.00 - 5.00
6-00187	60290	Am-241	-0.0024 U	0.0273	0.0055	0.0454	1.00 - 5.00
6-00187	60290	Bi-212	0.999	0.0883	0.0641	2.15	1.00 - 5.00
6-00187	60290	Bi-214	1.13	0.0194	0.0484	1.59	1.00 - 5.00
6-00187	60290	Cd-113m	36.8 U	85.2	26.4	3030	1.00 - 5.00
6-00187	60290	Cm-243/244	0.0038 U	0.0299	0.0076	0.0443	1.00 - 5.00
6-00187	60290	Co-60	-0.0035 U	0.0116	0.0035	0.028	1.00 - 5.00
6-00187	60290	Cs-134	-0.0044 U	0.0095	0.0036	0.0864	1.00 - 5.00
6-00187	60290	Cs-137	-0.0003 U	0.0109	0.0037	0.207	1.00 - 5.00
6-00187	60290	Eu-152	0.0001 U	0.0304	0.0103	0.0566	1.00 - 5.00
6-00187	60290	Eu-154	0.0049 U	0.0649	0.0223	0.15	1.00 - 5.00
6-00187	60290	Eu-155	0.0853 SJ	0.0434	0.0171	0.231	1.00 - 5.00
6-00187	60290	Ho-166m	-0.006 U	0.0169	0.0052	0.0432	1.00 - 5.00
6-00187	60290	K-40	23.5	0.0823	1.31	32.4	1.00 - 5.00
6-00187	60290	Na-22	0.0006 U	0.0139	0.0042	0.037	1.00 - 5.00
6-00187	60290	Nb-94	0.0047 U	0.0104	0.0032	0.0214	1.00 - 5.00
6-00187	60290	Np-236	-0.0138 U	0.0239	0.0081	0.047	1.00 - 5.00
6-00187	60290	Np-239	0.0038 U	0.0851	0.025	0.139	1.00 - 5.00
6-00187	60290	Pa-231	-0.0144 U	0.52	0.166	0.936	1.00 - 5.00
6-00187	60290	Pb-212	1.61	0.0217	0.0956	2.69	1.00 - 5.00
6-00187	60290	Pb-214	1.23	0.0215	0.0565	1.7	1.00 - 5.00
6-00187	60290	Pu-236	-0.0088 U	0.0267	0.0047	7.79	1.00 - 5.00
6-00187	60290	Pu-238	0	0.0064	0.0024	0.0415	1.00 - 5.00
6-00187	60290	Pu-239/240	-0.001 U	0.0185	0.0034	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00187	60290	Pu-244	-0.0051 U	0.0213	0.0038	0.0313	1.00 - 5.00
6-00187	60290	Sb-125	0.0022 U	0.029	0.0087	0.354	1.00 - 5.00
6-00187	60290	Sn-126	-0.0062 U	0.0113	0.0037	0.0237	1.00 - 5.00
6-00187	60290	Sr-90	-0.12 U	0.289	0.0695	0.485	1.00 - 5.00
6-00187	60290	Th-228	1.36	0.0841	0.127	3.98	1.00 - 5.00
6-00187	60290	Th-229	0.0198 U	0.0612	0.0175	0.145	1.00 - 5.00
6-00187	60290	Th-230	1.19	0.0611	0.113	2.2	1.00 - 5.00
6-00187	60290	Th-232	1.3	0.086	0.121	3.1	1.00 - 5.00
6-00187	60290	Th-234	1.91	0.19	0.139	3.19	1.00 - 5.00
6-00187	60290	Tl-208	0.491	0.0109	0.0256	0.937	1.00 - 5.00
6-00187	60290	Tm-171	-3.28 U	7.35	2.61	72.4	1.00 - 5.00
6-00187	60290	U-233/234	1.13	0.0349	0.115	2.02	1.00 - 5.00
6-00187	60290	U-235/236	0.0474	0.0184	0.0183	0.151	1.00 - 5.00
6-00187	60290	U-238	1.08	0.0349	0.111	1.8	1.00 - 5.00
6-00188	60291	Ac-227	-0.0664 U	0.153	0.0503	0.217	0.00 - 0.50
6-00188	60291	Ac-228	1.32	0.076	0.061	2.4	0.00 - 0.50
6-00188	60291	Am-241	0.0058 U	0.0155	0.0046	0.0454	0.00 - 0.50
6-00188	60291	Bi-212	0.877	0.106	0.064	2.15	0.00 - 0.50
6-00188	60291	Bi-214	1.01	0.0236	0.0448	1.59	0.00 - 0.50
6-00188	60291	Cd-113m	16.1 U	104	32.4	3030	0.00 - 0.50
6-00188	60291	Cm-243/244	0.0058	0.0107	0.0036	0.0443	0.00 - 0.50
6-00188	60291	Co-60	-0.0051 U	0.0136	0.0043	0.028	0.00 - 0.50
6-00188	60291	Cs-134	0.0024 U	0.0123	0.0042	0.0864	0.00 - 0.50
6-00188	60291	Cs-137	0.0072 J	0.0135	0.0048	0.207	0.00 - 0.50
6-00188	60291	Eu-152	-0.0303 U	0.0365	0.0164	0.0566	0.00 - 0.50
6-00188	60291	Eu-154	-0.036 U	0.076	0.025	0.15	0.00 - 0.50
6-00188	60291	Eu-155	0.0821 JS	0.0566	0.0227	0.231	0.00 - 0.50
6-00188	60291	Ho-166m	-0.0009 U	0.0204	0.0061	0.0432	0.00 - 0.50
6-00188	60291	K-40	22.9	0.0994	1.41	32.4	0.00 - 0.50
6-00188	60291	Na-22	-0.0058 U	0.0169	0.0053	0.037	0.00 - 0.50
6-00188	60291	Nb-94	0.0038 U	0.0121	0.0036	0.0214	0.00 - 0.50
6-00188	60291	Np-236	-0.0242 UJ	0.0307	0.0116	0.047	0.00 - 0.50
6-00188	60291	Np-239	0.0344 U	0.104	0.0328	0.139	0.00 - 0.50
6-00188	60291	Pa-231	-0.224 U	0.634	0.214	0.936	0.00 - 0.50
6-00188	60291	Pb-212	1.51	0.0269	0.099	2.69	0.00 - 0.50
6-00188	60291	Pb-214	1.1	0.026	0.0539	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00188	60291	Pu-236	-0.0086 U	0.0281	0.0053	7.79	0.00 - 0.50
6-00188	60291	Pu-238	0.0081	0.015	0.005	0.0415	0.00 - 0.50
6-00188	60291	Pu-239/240	0 U	0.0244	0.0058	0.0404	0.00 - 0.50
6-00188	60291	Pu-244	0.0061	0.0055	0.0035	0.0313	0.00 - 0.50
6-00188	60291	Sb-125	0.0122 U	0.036	0.0111	0.354	0.00 - 0.50
6-00188	60291	Sn-126	-0.0041 U	0.0131	0.004	0.0237	0.00 - 0.50
6-00188	60291	Sr-90	0 U	0.112	0.0292	0.485	0.00 - 0.50
6-00188	60291	Th-228	1.23	0.101	0.121	3.98	0.00 - 0.50
6-00188	60291	Th-229	0.0468	0.0492	0.0202	0.145	0.00 - 0.50
6-00188	60291	Th-230	0.914	0.0491	0.0947	2.2	0.00 - 0.50
6-00188	60291	Th-232	1.3	0.049	0.12	3.1	0.00 - 0.50
6-00188	60291	Th-234	1.33 J	0.258	0.134	3.19	0.00 - 0.50
6-00188	60291	Tl-208	0.449	0.0128	0.0243	0.937	0.00 - 0.50
6-00188	60291	Tm-171	-15 UJ	15.1	6.25	72.4	0.00 - 0.50
6-00188	60291	U-233/234	0.942	0.0398	0.0872	2.02	0.00 - 0.50
6-00188	60291	U-235/236	0.041	0.0111	0.0133	0.151	0.00 - 0.50
6-00188	60291	U-238	0.948	0.009	0.0871	1.8	0.00 - 0.50
6-00188	60292	Ac-227	-0.0876 U	0.201	0.0663	0.217	1.00 - 4.00
6-00188	60292	Ac-228	1.43	0.123	0.0681	2.4	1.00 - 4.00
6-00188	60292	Am-241	0.01	0.0223	0.0072	0.0454	1.00 - 4.00
6-00188	60292	Bi-212	1.14	0.177	0.111	2.15	1.00 - 4.00
6-00188	60292	Bi-214	1.12	0.0367	0.0556	1.59	1.00 - 4.00
6-00188	60292	Cd-113m	51.9 U	138	43.4	3030	1.00 - 4.00
6-00188	60292	Cm-243/244	-0.0061 UJ	0.0367	0.0061	0.0443	1.00 - 4.00
6-00188	60292	Co-60	0.0057 U	0.0242	0.0069	0.028	1.00 - 4.00
6-00188	60292	Cs-134	-0.0043 U	0.0187	0.0067	0.0864	1.00 - 4.00
6-00188	60292	Cs-137	-0.0141 U	0.0216	0.0076	0.207	1.00 - 4.00
6-00188	60292	Eu-152	-0.0348 U	0.0514	0.0175	0.0566	1.00 - 4.00
6-00188	60292	Eu-154	-0.0541 U	0.131	0.0417	0.15	1.00 - 4.00
6-00188	60292	Eu-155	0.0721 SJ	0.0595	0.0264	0.231	1.00 - 4.00
6-00188	60292	Ho-166m	0.0065 U	0.0349	0.01	0.0432	1.00 - 4.00
6-00188	60292	K-40	21.1	0.201	1.16	32.4	1.00 - 4.00
6-00188	60292	Na-22	-0.0054 U	0.0282	0.0083	0.037	1.00 - 4.00
6-00188	60292	Nb-94	-0.0005 U	0.02	0.0058	0.0214	1.00 - 4.00
6-00188	60292	Np-236	-0.0128 U	0.032	0.01	0.047	1.00 - 4.00
6-00188	60292	Np-239	-0.0571 U	0.132	0.0433	0.139	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00188	60292	Pa-231	0.0015 U	0.86	0.266	0.936	1.00 - 4.00
6-00188	60292	Pb-212	1.54	0.0363	0.0868	2.69	1.00 - 4.00
6-00188	60292	Pb-214	1.14	0.0389	0.054	1.7	1.00 - 4.00
6-00188	60292	Pu-236	-0.0013 U	0.0234	0.0042	7.79	1.00 - 4.00
6-00188	60292	Pu-238	0.0028	0.0077	0.0028	0.0415	1.00 - 4.00
6-00188	60292	Pu-239/240	0.0032 U	0.0284	0.007	0.0404	1.00 - 4.00
6-00188	60292	Pu-244	0.0008 U	0.018	0.0035	0.0313	1.00 - 4.00
6-00188	60292	Sb-125	-0.0068 U	0.0525	0.0156	0.354	1.00 - 4.00
6-00188	60292	Sn-126	0.0005 U	0.0229	0.0066	0.0237	1.00 - 4.00
6-00188	60292	Sr-90	-0.0609 U	0.243	0.0594	0.485	1.00 - 4.00
6-00188	60292	Th-228	1.18	0.0998	0.125	3.98	1.00 - 4.00
6-00188	60292	Th-229	0.0541	0.0718	0.0258	0.145	1.00 - 4.00
6-00188	60292	Th-230	1.11	0.0209	0.114	2.2	1.00 - 4.00
6-00188	60292	Th-232	1.18	0.0566	0.119	3.1	1.00 - 4.00
6-00188	60292	Th-234	1.81	0.233	0.144	3.19	1.00 - 4.00
6-00188	60292	Tl-208	0.465	0.0221	0.0283	0.937	1.00 - 4.00
6-00188	60292	Tm-171	0.0223 U	7.59	2.42	72.4	1.00 - 4.00
6-00188	60292	U-233/234	1.02	0.0553	0.111	2.02	1.00 - 4.00
6-00188	60292	U-235/236	0.0679	0.0205	0.0232	0.151	1.00 - 4.00
6-00188	60292	U-238	1.16	0.0482	0.121	1.8	1.00 - 4.00
6-00190	60295	Ac-227	-0.102 U	0.174	0.0581	0.217	0.00 - 0.50
6-00190	60295	Ac-228	1.35	0.08	0.0659	2.4	0.00 - 0.50
6-00190	60295	Am-241	0.0071	0.0104	0.0038	0.0454	0.00 - 0.50
6-00190	60295	Bi-212	0.986	0.111	0.0797	2.15	0.00 - 0.50
6-00190	60295	Bi-214	1.13	0.0246	0.0507	1.59	0.00 - 0.50
6-00190	60295	Cd-113m	-162 UJ	115	55.3	3030	0.00 - 0.50
6-00190	60295	Cm-243/244	0.0014 U	0.0187	0.0047	0.0443	0.00 - 0.50
6-00190	60295	Co-60	-0.0003 U	0.0147	0.0043	0.028	0.00 - 0.50
6-00190	60295	Cs-134	0.0021 U	0.0124	0.0042	0.0864	0.00 - 0.50
6-00190	60295	Cs-137	0.151	0.0138	0.0103	0.207	0.00 - 0.50
6-00190	60295	Eu-152	-0.0102 UJ	0.042	0.0172	0.0566	0.00 - 0.50
6-00190	60295	Eu-154	0.0653 J	0.0882	0.0334	0.15	0.00 - 0.50
6-00190	60295	Eu-155	0.0433 JS	0.0604	0.0221	0.231	0.00 - 0.50
6-00190	60295	Ho-166m	0.0023 U	0.0223	0.0066	0.0432	0.00 - 0.50
6-00190	60295	K-40	26.9	0.106	1.76	32.4	0.00 - 0.50
6-00190	60295	Na-22	-0.0113 U	0.0174	0.0067	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00190	60295	Nb-94	0.0096 JS	0.0129	0.0044	0.0214	0.00 - 0.50
6-00190	60295	Np-236	-0.0079 UJ	0.0335	0.0115	0.047	0.00 - 0.50
6-00190	60295	Np-239	0.0028 U	0.117	0.035	0.139	0.00 - 0.50
6-00190	60295	Pa-231	-0.118 U	0.72	0.253	0.936	0.00 - 0.50
6-00190	60295	Pb-212	1.58	0.0302	0.105	2.69	0.00 - 0.50
6-00190	60295	Pb-214	1.33	0.03	0.0643	1.7	0.00 - 0.50
6-00190	60295	Pu-236	-0.0017 U	0.0178	0.0037	7.79	0.00 - 0.50
6-00190	60295	Pu-238	-0.0032 U	0.0146	0.0027	0.0415	0.00 - 0.50
6-00190	60295	Pu-239/240	0.0094	0.0146	0.005	0.0404	0.00 - 0.50
6-00190	60295	Pu-244	0 U	0.0116	0.0022	0.0313	0.00 - 0.50
6-00190	60295	Sb-125	-0.0082 U	0.0396	0.0123	0.354	0.00 - 0.50
6-00190	60295	Sn-126	-0.0017 U	0.0142	0.0042	0.0237	0.00 - 0.50
6-00190	60295	Sr-90	-0.0622 U	0.186	0.0474	0.485	0.00 - 0.50
6-00190	60295	Th-228	1.23	0.0686	0.12	3.98	0.00 - 0.50
6-00190	60295	Th-229	0.0208 U	0.0978	0.0269	0.145	0.00 - 0.50
6-00190	60295	Th-230	1.03	0.0642	0.104	2.2	0.00 - 0.50
6-00190	60295	Th-232	1.18	0.0508	0.114	3.1	0.00 - 0.50
6-00190	60295	Th-234	1.22 J	0.279	0.14	3.19	0.00 - 0.50
6-00190	60295	Tl-208	0.46	0.0141	0.0252	0.937	0.00 - 0.50
6-00190	60295	Tm-171	-13.1 UJ	13.9	5.89	72.4	0.00 - 0.50
6-00190	60295	U-233/234	1.3	0.0602	0.136	2.02	0.00 - 0.50
6-00190	60295	U-235/236	0.0951	0.0649	0.0316	0.151	0.00 - 0.50
6-00190	60295	U-238	1.02	0.0602	0.113	1.8	0.00 - 0.50
6-00190	60296	Ac-227	-0.056 U	0.165	0.0528	0.217	1.00 - 2.30
6-00190	60296	Ac-228	1.13	0.0862	0.0546	2.4	1.00 - 2.30
6-00190	60296	Am-241	0.0087	0.0079	0.0051	0.0454	1.00 - 2.30
6-00190	60296	Bi-212	0.776	0.121	0.0661	2.15	1.00 - 2.30
6-00190	60296	Bi-214	0.745	0.0262	0.0363	1.59	1.00 - 2.30
6-00190	60296	Cd-113m	40.6 U	115	36.1	3030	1.00 - 2.30
6-00190	60296	Cm-243/244	0.0037 U	0.0186	0.0046	0.0443	1.00 - 2.30
6-00190	60296	Co-60	-0.0044 U	0.0167	0.0052	0.028	1.00 - 2.30
6-00190	60296	Cs-134	-0.011 UJ	0.013	0.0054	0.0864	1.00 - 2.30
6-00190	60296	Cs-137	-0.0118 UJ	0.0152	0.0056	0.207	1.00 - 2.30
6-00190	60296	Eu-152	0.0286 J	0.0435	0.0143	0.0566	1.00 - 2.30
6-00190	60296	Eu-154	-0.0411 U	0.0876	0.0283	0.15	1.00 - 2.30
6-00190	60296	Eu-155	0.0738 JS	0.0588	0.0241	0.231	1.00 - 2.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00190	60296	Ho-166m	0.002 U	0.0245	0.0074	0.0432	1.00 - 2.30
6-00190	60296	K-40	23.7	0.117	1.34	32.4	1.00 - 2.30
6-00190	60296	Na-22	0.0006 U	0.0205	0.0061	0.037	1.00 - 2.30
6-00190	60296	Nb-94	0.0052 U	0.0139	0.0043	0.0214	1.00 - 2.30
6-00190	60296	Np-236	-0.0127 U	0.0318	0.0099	0.047	1.00 - 2.30
6-00190	60296	Np-239	-0.0092 U	0.112	0.0343	0.139	1.00 - 2.30
6-00190	60296	Pa-231	-0.111 U	0.69	0.215	0.936	1.00 - 2.30
6-00190	60296	Pb-212	1.3	0.0287	0.0781	2.69	1.00 - 2.30
6-00190	60296	Pb-214	0.819	0.0288	0.0407	1.7	1.00 - 2.30
6-00190	60296	Pu-236	-0.001 U	0.0176	0.0032	7.79	1.00 - 2.30
6-00190	60296	Pu-238	0.0009 U	0.0235	0.0055	0.0415	1.00 - 2.30
6-00190	60296	Pu-239/240	0.0055 U	0.017	0.0048	0.0404	1.00 - 2.30
6-00190	60296	Pu-244	0.0022	0.0058	0.0022	0.0313	1.00 - 2.30
6-00190	60296	Sb-125	0.0002 U	0.0384	0.0112	0.354	1.00 - 2.30
6-00190	60296	Sn-126	0.004 U	0.0161	0.0049	0.0237	1.00 - 2.30
6-00190	60296	Sr-90	-0.0136 U	0.247	0.064	0.485	1.00 - 2.30
6-00190	60296	Th-228	1.3	0.0182	0.12	3.98	1.00 - 2.30
6-00190	60296	Th-229	-0.0064 U	0.0691	0.0144	0.145	1.00 - 2.30
6-00190	60296	Th-230	0.749	0.0595	0.0827	2.2	1.00 - 2.30
6-00190	60296	Th-232	1.08	0.0173	0.104	3.1	1.00 - 2.30
6-00190	60296	Th-234	1.52 J	0.255	0.16	3.19	1.00 - 2.30
6-00190	60296	Tl-208	0.388	0.0148	0.0227	0.937	1.00 - 2.30
6-00190	60296	Tm-171	-6.34 U	11.8	4.4	72.4	1.00 - 2.30
6-00190	60296	U-233/234	0.725	0.0458	0.0811	2.02	1.00 - 2.30
6-00190	60296	U-235/236	0.0393	0.0398	0.0174	0.151	1.00 - 2.30
6-00190	60296	U-238	0.755	0.0322	0.0831	1.8	1.00 - 2.30
6-00191	60297	Ac-227	-0.0052 U	0.167	0.0507	0.217	1.00 - 1.75
6-00191	60297	Ac-228	1.06	0.0806	0.0517	2.4	1.00 - 1.75
6-00191	60297	Am-241	0.0075	0.0145	0.0049	0.0454	1.00 - 1.75
6-00191	60297	Bi-212	0.678	0.106	0.0661	2.15	1.00 - 1.75
6-00191	60297	Bi-214	0.663	0.0262	0.0326	1.59	1.00 - 1.75
6-00191	60297	Cd-113m	-18.6 U	112	34.4	3030	1.00 - 1.75
6-00191	60297	Cm-243/244	0.0023	0.0062	0.0023	0.0443	1.00 - 1.75
6-00191	60297	Co-60	0.0106 J	0.0161	0.0051	0.028	1.00 - 1.75
6-00191	60297	Cs-134	0.0026 U	0.0127	0.0043	0.0864	1.00 - 1.75
6-00191	60297	Cs-137	0.0677	0.0139	0.0072	0.207	1.00 - 1.75

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00191	60297	Eu-152	-0.0305 U	0.04	0.0163	0.0566	1.00 - 1.75
6-00191	60297	Eu-154	-0.0484 U	0.0829	0.0284	0.15	1.00 - 1.75
6-00191	60297	Eu-155	0.0497 JS	0.0614	0.0215	0.231	1.00 - 1.75
6-00191	60297	Ho-166m	-0.0096 U	0.0223	0.0072	0.0432	1.00 - 1.75
6-00191	60297	K-40	20.8	0.103	1.21	32.4	1.00 - 1.75
6-00191	60297	Na-22	-0.0022 U	0.0178	0.0052	0.037	1.00 - 1.75
6-00191	60297	Nb-94	-0.0023 U	0.013	0.0039	0.0214	1.00 - 1.75
6-00191	60297	Np-236	-0.0009 U	0.0328	0.0098	0.047	1.00 - 1.75
6-00191	60297	Np-239	-0.0306 U	0.111	0.0346	0.139	1.00 - 1.75
6-00191	60297	Pa-231	-0.608 UJ	0.685	0.266	0.936	1.00 - 1.75
6-00191	60297	Pb-212	1.15	0.028	0.0696	2.69	1.00 - 1.75
6-00191	60297	Pb-214	0.752	0.0291	0.0372	1.7	1.00 - 1.75
6-00191	60297	Pu-236	-0.0029 U	0.0441	0.0108	7.79	1.00 - 1.75
6-00191	60297	Pu-238	-0.0058 U	0.0378	0.0085	0.0415	1.00 - 1.75
6-00191	60297	Pu-239/240	-0.0038 U	0.0209	0.0038	0.0404	1.00 - 1.75
6-00191	60297	Pu-244	0.0026	0.0072	0.0027	0.0313	1.00 - 1.75
6-00191	60297	Sb-125	0.0141 U	0.0377	0.0113	0.354	1.00 - 1.75
6-00191	60297	Sn-126	-0.0017 U	0.0149	0.0045	0.0237	1.00 - 1.75
6-00191	60297	Sr-90	0.0102 U	0.277	0.077	0.485	1.00 - 1.75
6-00191	60297	Th-228	1.47	0.0653	0.132	3.98	1.00 - 1.75
6-00191	60297	Th-229	0.0344	0.064	0.0207	0.145	1.00 - 1.75
6-00191	60297	Th-230	0.831	0.0186	0.0889	2.2	1.00 - 1.75
6-00191	60297	Th-232	1.38	0.0504	0.125	3.1	1.00 - 1.75
6-00191	60297	Th-234	1.06 J	0.264	0.139	3.19	1.00 - 1.75
6-00191	60297	Tl-208	0.34	0.0138	0.0198	0.937	1.00 - 1.75
6-00191	60297	Tm-171	-9.28 UJ	11.6	4.52	72.4	1.00 - 1.75
6-00191	60297	U-233/234	0.651	0.0202	0.0857	2.02	1.00 - 1.75
6-00191	60297	U-235/236	0.0277	0.025	0.0161	0.151	1.00 - 1.75
6-00191	60297	U-238	0.669	0.0589	0.088	1.8	1.00 - 1.75
6-00192	60298	Ac-227	-0.0474 U	0.122	0.0396	0.217	0.00 - 0.50
6-00192	60298	Ac-228	1.13	0.0793	0.0512	2.4	0.00 - 0.50
6-00192	60298	Am-241	0.0025 U	0.0126	0.0031	0.0454	0.00 - 0.50
6-00192	60298	Bi-212	0.781	0.104	0.0588	2.15	0.00 - 0.50
6-00192	60298	Bi-214	1.05	0.0229	0.0513	1.59	0.00 - 0.50
6-00192	60298	Cd-113m	-12.2 U	81.3	26.6	3030	0.00 - 0.50
6-00192	60298	Cm-243/244	0.0076	0.018	0.0055	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00192	60298	Co-60	-0.0008 U	0.0138	0.0041	0.028	0.00 - 0.50
6-00192	60298	Cs-134	0.0142 SJ	0.0121	0.0052	0.0864	0.00 - 0.50
6-00192	60298	Cs-137	0.014	0.0122	0.0041	0.207	0.00 - 0.50
6-00192	60298	Eu-152	-0.011 U	0.0312	0.0099	0.0566	0.00 - 0.50
6-00192	60298	Eu-154	0.0145 U	0.0743	0.0257	0.15	0.00 - 0.50
6-00192	60298	Eu-155	0.0588 SJ	0.0371	0.0173	0.231	0.00 - 0.50
6-00192	60298	Ho-166m	-0.0078 UJ	0.0199	0.0062	0.0432	0.00 - 0.50
6-00192	60298	K-40	24.1	0.095	1.28	32.4	0.00 - 0.50
6-00192	60298	Na-22	-0.021 LU	0.017	0.0073	0.037	0.00 - 0.50
6-00192	60298	Nb-94	0.0043 U	0.0118	0.0035	0.0214	0.00 - 0.50
6-00192	60298	Np-236	-0.0119 U	0.0205	0.0067	0.047	0.00 - 0.50
6-00192	60298	Np-239	0.0359 U	0.0818	0.0261	0.139	0.00 - 0.50
6-00192	60298	Pa-231	-0.172 U	0.5	0.162	0.936	0.00 - 0.50
6-00192	60298	Pb-212	1.28	0.021	0.0699	2.69	0.00 - 0.50
6-00192	60298	Pb-214	1.14	0.0229	0.0509	1.7	0.00 - 0.50
6-00192	60298	Pu-236	-0.0036 U	0.0284	0.005	7.79	0.00 - 0.50
6-00192	60298	Pu-238	-0.0026 U	0.0299	0.006	0.0415	0.00 - 0.50
6-00192	60298	Pu-239/240	0.0085 U	0.0269	0.0076	0.0404	0.00 - 0.50
6-00192	60298	Pu-244	0.0008 U	0.019	0.0037	0.0313	0.00 - 0.50
6-00192	60298	Sb-125	0.0033 U	0.0313	0.0093	0.354	0.00 - 0.50
6-00192	60298	Sn-126	0.0036 U	0.0133	0.0039	0.0237	0.00 - 0.50
6-00192	60298	Sr-90	0.0156 U	0.123	0.034	0.485	0.00 - 0.50
6-00192	60298	Th-228	1.18	0.116	0.121	3.98	0.00 - 0.50
6-00192	60298	Th-229	0.0359	0.0864	0.026	0.145	0.00 - 0.50
6-00192	60298	Th-230	0.997	0.0666	0.104	2.2	0.00 - 0.50
6-00192	60298	Th-232	0.937	0.0664	0.0996	3.1	0.00 - 0.50
6-00192	60298	Th-234	1.5	0.152	0.106	3.19	0.00 - 0.50
6-00192	60298	Tl-208	0.419	0.0126	0.0235	0.937	0.00 - 0.50
6-00192	60298	Tm-171	2.88 J	4.7	1.73	72.4	0.00 - 0.50
6-00192	60298	U-233/234	0.962	0.0287	0.0919	2.02	0.00 - 0.50
6-00192	60298	U-235/236	0.0482	0.0355	0.0171	0.151	0.00 - 0.50
6-00192	60298	U-238	0.858	0.0106	0.084	1.8	0.00 - 0.50
6-00192	60299	Ac-227	0.052 U	0.192	0.0584	0.217	1.00 - 5.00
6-00192	60299	Ac-228	1.14	0.0864	0.0583	2.4	1.00 - 5.00
6-00192	60299	Am-241	0.0038 U	0.0193	0.0049	0.0454	1.00 - 5.00
6-00192	60299	Bi-212	0.718	0.121	0.0699	2.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00192	60299	Bi-214	0.778	0.0282	0.0381	1.59	1.00 - 5.00
6-00192	60299	Cd-113m	-128 UJ	126	51.5	3030	1.00 - 5.00
6-00192	60299	Cm-243/244	0.0014 U	0.0194	0.0043	0.0443	1.00 - 5.00
6-00192	60299	Co-60	-0.0022 U	0.0156	0.0046	0.028	1.00 - 5.00
6-00192	60299	Cs-134	0.0054 U	0.014	0.0048	0.0864	1.00 - 5.00
6-00192	60299	Cs-137	0.0168	0.0153	0.005	0.207	1.00 - 5.00
6-00192	60299	Eu-152	-0.0221 UJ	0.0451	0.0178	0.0566	1.00 - 5.00
6-00192	60299	Eu-154	0.0195 U	0.0926	0.0276	0.15	1.00 - 5.00
6-00192	60299	Eu-155	0.0217 U	0.0701	0.0222	0.231	1.00 - 5.00
6-00192	60299	Ho-166m	-0.0059 U	0.0241	0.0073	0.0432	1.00 - 5.00
6-00192	60299	K-40	22.2	0.111	1.46	32.4	1.00 - 5.00
6-00192	60299	Na-22	0.0019 U	0.0198	0.0057	0.037	1.00 - 5.00
6-00192	60299	Nb-94	0.0015 U	0.0139	0.0041	0.0214	1.00 - 5.00
6-00192	60299	Np-236	-0.0146 U	0.037	0.0131	0.047	1.00 - 5.00
6-00192	60299	Np-239	-0.0594 U	0.127	0.0407	0.139	1.00 - 5.00
6-00192	60299	Pa-231	-0.0851 U	0.777	0.271	0.936	1.00 - 5.00
6-00192	60299	Pb-212	1.26	0.0327	0.0844	2.69	1.00 - 5.00
6-00192	60299	Pb-214	0.847	0.0329	0.0436	1.7	1.00 - 5.00
6-00192	60299	Pu-236	0.002	0.0055	0.002	7.79	1.00 - 5.00
6-00192	60299	Pu-238	0.0005 U	0.0124	0.0024	0.0415	1.00 - 5.00
6-00192	60299	Pu-239/240	-0.0009 U	0.0153	0.0028	0.0404	1.00 - 5.00
6-00192	60299	Pu-244	0.0044	0.0124	0.0037	0.0313	1.00 - 5.00
6-00192	60299	Sb-125	-0.0136 U	0.0413	0.0131	0.354	1.00 - 5.00
6-00192	60299	Sn-126	-0.0084 U	0.0151	0.005	0.0237	1.00 - 5.00
6-00192	60299	Sr-90	0.0774 U	0.272	0.0793	0.485	1.00 - 5.00
6-00192	60299	Th-228	1.11	0.087	0.113	3.98	1.00 - 5.00
6-00192	60299	Th-229	0.0069 U	0.0828	0.0207	0.145	1.00 - 5.00
6-00192	60299	Th-230	0.667	0.0902	0.0811	2.2	1.00 - 5.00
6-00192	60299	Th-232	1.09	0.0505	0.108	3.1	1.00 - 5.00
6-00192	60299	Th-234	1.14 J	0.303	0.149	3.19	1.00 - 5.00
6-00192	60299	Tl-208	0.379	0.0153	0.0215	0.937	1.00 - 5.00
6-00192	60299	Tm-171	-7.83 U	14.9	6.02	72.4	1.00 - 5.00
6-00192	60299	U-233/234	0.743	0.0647	0.0841	2.02	1.00 - 5.00
6-00192	60299	U-235/236	0.0534	0.0411	0.0203	0.151	1.00 - 5.00
6-00192	60299	U-238	0.863	0.0411	0.0926	1.8	1.00 - 5.00
6-00193	60300	Ac-227	-0.0612 U	0.152	0.0482	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00193	60300	Ac-228	1.26	0.0791	0.0578	2.4	0.00 - 0.50
6-00193	60300	Am-241	0.0097	0.0088	0.0056	0.0454	0.00 - 0.50
6-00193	60300	Bi-212	0.804	0.108	0.0645	2.15	0.00 - 0.50
6-00193	60300	Bi-214	1.07	0.0241	0.0479	1.59	0.00 - 0.50
6-00193	60300	Cd-113m	-12 U	101	30.4	3030	0.00 - 0.50
6-00193	60300	Cm-243/244	-0.0017 U	0.0251	0.0043	0.0443	0.00 - 0.50
6-00193	60300	Co-60	0.001 U	0.015	0.0044	0.028	0.00 - 0.50
6-00193	60300	Cs-134	0.0083 SJ	0.0125	0.0046	0.0864	0.00 - 0.50
6-00193	60300	Cs-137	0.0027 U	0.0138	0.0048	0.207	0.00 - 0.50
6-00193	60300	Eu-152	-0.0266 UJ	0.0366	0.0134	0.0566	0.00 - 0.50
6-00193	60300	Eu-154	-0.0634 U	0.0774	0.0317	0.15	0.00 - 0.50
6-00193	60300	Eu-155	0.0858 SJ	0.053	0.0229	0.231	0.00 - 0.50
6-00193	60300	Ho-166m	0.0032 U	0.0211	0.0064	0.0432	0.00 - 0.50
6-00193	60300	K-40	24.7	0.109	1.54	32.4	0.00 - 0.50
6-00193	60300	Na-22	-0.0028 U	0.0174	0.0063	0.037	0.00 - 0.50
6-00193	60300	Nb-94	0.0065 SJ	0.0122	0.0039	0.0214	0.00 - 0.50
6-00193	60300	Np-236	-0.0047 U	0.0288	0.0089	0.047	0.00 - 0.50
6-00193	60300	Np-239	0.0447 U	0.102	0.0318	0.139	0.00 - 0.50
6-00193	60300	Pa-231	-0.364 U	0.625	0.216	0.936	0.00 - 0.50
6-00193	60300	Pb-212	1.43	0.0271	0.0862	2.69	0.00 - 0.50
6-00193	60300	Pb-214	1.21	0.0261	0.0556	1.7	0.00 - 0.50
6-00193	60300	Pu-236	-0.0017 U	0.0141	0.0027	7.79	0.00 - 0.50
6-00193	60300	Pu-238	-0.003 U	0.0192	0.0035	0.0415	0.00 - 0.50
6-00193	60300	Pu-239/240	-0.0003 U	0.0232	0.0054	0.0404	0.00 - 0.50
6-00193	60300	Pu-244	0.0003 U	0.0133	0.0026	0.0313	0.00 - 0.50
6-00193	60300	Sb-125	0.0127 U	0.036	0.0108	0.354	0.00 - 0.50
6-00193	60300	Sn-126	-0.004 U	0.0133	0.0042	0.0237	0.00 - 0.50
6-00193	60300	Sr-90	0.11	0.161	0.0519	0.485	0.00 - 0.50
6-00193	60300	Th-228	1.39	0.109	0.125	3.98	0.00 - 0.50
6-00193	60300	Th-229	0.0173 U	0.0757	0.0208	0.145	0.00 - 0.50
6-00193	60300	Th-230	1.04	0.062	0.0984	2.2	0.00 - 0.50
6-00193	60300	Th-232	1.1	0.0533	0.101	3.1	0.00 - 0.50
6-00193	60300	Th-234	1.7	0.237	0.151	3.19	0.00 - 0.50
6-00193	60300	Tl-208	0.438	0.0132	0.0241	0.937	0.00 - 0.50
6-00193	60300	Tm-171	7.47 J	12.6	4.54	72.4	0.00 - 0.50
6-00193	60300	U-233/234	1	0.0622	0.107	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00193	60300	U-235/236	0.0302	0.0449	0.0167	0.151	0.00 - 0.50
6-00193	60300	U-238	0.958	0.0517	0.103	1.8	0.00 - 0.50
6-00193	60301	Ac-227	0.071 U	0.154	0.0482	0.217	1.00 - 2.50
6-00193	60301	Ac-228	0.962	0.0741	0.0477	2.4	1.00 - 2.50
6-00193	60301	Am-241	-0.0014 U	0.0251	0.005	0.0454	1.00 - 2.50
6-00193	60301	Bi-212	0.697	0.1	0.0655	2.15	1.00 - 2.50
6-00193	60301	Bi-214	0.812	0.0224	0.0386	1.59	1.00 - 2.50
6-00193	60301	Cd-113m	4.63 U	100	34	3030	1.00 - 2.50
6-00193	60301	Cm-243/244	0.0012 U	0.0382	0.0095	0.0443	1.00 - 2.50
6-00193	60301	Co-60	0.004 U	0.0142	0.0043	0.028	1.00 - 2.50
6-00193	60301	Cs-134	-0.0041 U	0.0114	0.004	0.0864	1.00 - 2.50
6-00193	60301	Cs-137	0.0047 U	0.0131	0.0044	0.207	1.00 - 2.50
6-00193	60301	Eu-152	-0.0309 UJ	0.0356	0.0137	0.0566	1.00 - 2.50
6-00193	60301	Eu-154	-0.0002 U	0.0762	0.0261	0.15	1.00 - 2.50
6-00193	60301	Eu-155	0.0657 SJ	0.0537	0.0192	0.231	1.00 - 2.50
6-00193	60301	Ho-166m	-0.005 U	0.02	0.006	0.0432	1.00 - 2.50
6-00193	60301	K-40	20.1	0.0896	1.16	32.4	1.00 - 2.50
6-00193	60301	Na-22	0.0036 U	0.0167	0.005	0.037	1.00 - 2.50
6-00193	60301	Nb-94	-0.0046 U	0.0116	0.0036	0.0214	1.00 - 2.50
6-00193	60301	Np-236	-0.0045 U	0.0292	0.0086	0.047	1.00 - 2.50
6-00193	60301	Np-239	0.0114 U	0.101	0.0301	0.139	1.00 - 2.50
6-00193	60301	Pa-231	-0.221 U	0.618	0.194	0.936	1.00 - 2.50
6-00193	60301	Pb-212	1.1	0.0264	0.0704	2.69	1.00 - 2.50
6-00193	60301	Pb-214	0.885	0.0253	0.0448	1.7	1.00 - 2.50
6-00193	60301	Pu-236	-0.006 U	0.0251	0.0044	7.79	1.00 - 2.50
6-00193	60301	Pu-238	-0.0004 U	0.0242	0.005	0.0415	1.00 - 2.50
6-00193	60301	Pu-239/240	-0.0031 U	0.0241	0.0043	0.0404	1.00 - 2.50
6-00193	60301	Pu-244	0.008	0.0072	0.0046	0.0313	1.00 - 2.50
6-00193	60301	Sb-125	0.0265 SJ	0.0352	0.012	0.354	1.00 - 2.50
6-00193	60301	Sn-126	-0.001 U	0.0132	0.0039	0.0237	1.00 - 2.50
6-00193	60301	Sr-90	0.118	0.202	0.0641	0.485	1.00 - 2.50
6-00193	60301	Th-228	0.983	0.0829	0.102	3.98	1.00 - 2.50
6-00193	60301	Th-229	0.0389	0.0915	0.0276	0.145	1.00 - 2.50
6-00193	60301	Th-230	0.79	0.0477	0.0856	2.2	1.00 - 2.50
6-00193	60301	Th-232	0.916	0.0175	0.0937	3.1	1.00 - 2.50
6-00193	60301	Th-234	1.16	0.238	0.114	3.19	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00193	60301	Tl-208	0.336	0.0134	0.0197	0.937	1.00 - 2.50
6-00193	60301	Tm-171	-2.48 U	9.65	3.43	72.4	1.00 - 2.50
6-00193	60301	U-233/234	1	0.0735	0.111	2.02	1.00 - 2.50
6-00193	60301	U-235/236	0.0567	0.0496	0.0231	0.151	1.00 - 2.50
6-00193	60301	U-238	1.02	0.0632	0.112	1.8	1.00 - 2.50
6-00194	60302	Ac-227	-0.102 U	0.184	0.0604	0.217	0.00 - 0.50
6-00194	60302	Ac-228	1.27	0.107	0.06	2.4	0.00 - 0.50
6-00194	60302	Am-241	0.0005 U	0.0121	0.0023	0.0454	0.00 - 0.50
6-00194	60302	Bi-212	0.931	0.147	0.0817	2.15	0.00 - 0.50
6-00194	60302	Bi-214	1.1	0.0321	0.0524	1.59	0.00 - 0.50
6-00194	60302	Cd-113m	-99.1 LU	122	43.9	3030	0.00 - 0.50
6-00194	60302	Cm-243/244	0.006 U	0.0192	0.0054	0.0443	0.00 - 0.50
6-00194	60302	Co-60	0.0001 U	0.0201	0.0059	0.028	0.00 - 0.50
6-00194	60302	Cs-134	0.0152 SJ	0.0172	0.007	0.0864	0.00 - 0.50
6-00194	60302	Cs-137	0.0279 J	0.0204	0.0092	0.207	0.00 - 0.50
6-00194	60302	Eu-152	-0.0134 U	0.0485	0.0162	0.0566	0.00 - 0.50
6-00194	60302	Eu-154	-0.0559 U	0.112	0.0374	0.15	0.00 - 0.50
6-00194	60302	Eu-155	0.0233 UJ	0.0624	0.0197	0.231	0.00 - 0.50
6-00194	60302	Ho-166m	0.0203 SJ	0.0307	0.01	0.0432	0.00 - 0.50
6-00194	60302	K-40	23.3	0.14	1.31	32.4	0.00 - 0.50
6-00194	60302	Na-22	-0.0118 U	0.0242	0.0078	0.037	0.00 - 0.50
6-00194	60302	Nb-94	0.0118 SJ	0.0175	0.0057	0.0214	0.00 - 0.50
6-00194	60302	Np-236	0.0076 U	0.0335	0.0104	0.047	0.00 - 0.50
6-00194	60302	Np-239	-0.0452 U	0.123	0.0381	0.139	0.00 - 0.50
6-00194	60302	Pa-231	0.26 U	0.789	0.257	0.936	0.00 - 0.50
6-00194	60302	Pb-212	1.49	0.0343	0.0866	2.69	0.00 - 0.50
6-00194	60302	Pb-214	1.2	0.033	0.0562	1.7	0.00 - 0.50
6-00194	60302	Pu-236	0.0007 U	0.0149	0.0029	7.79	0.00 - 0.50
6-00194	60302	Pu-238	-0.0032 U	0.0175	0.0032	0.0415	0.00 - 0.50
6-00194	60302	Pu-239/240	0.0019 U	0.02	0.0047	0.0404	0.00 - 0.50
6-00194	60302	Pu-244	0.0089	0.006	0.0045	0.0313	0.00 - 0.50
6-00194	60302	Sb-125	-0.0129 U	0.0465	0.0146	0.354	0.00 - 0.50
6-00194	60302	Sn-126	0.0098 J	0.0196	0.0061	0.0237	0.00 - 0.50
6-00194	60302	Sr-90	-0.0424 U	0.151	0.0369	0.485	0.00 - 0.50
6-00194	60302	Th-228	1.2	0.094	0.118	3.98	0.00 - 0.50
6-00194	60302	Th-229	0.0401	0.0492	0.019	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00194	60302	Th-230	0.94	0.0619	0.0965	2.2	0.00 - 0.50
6-00194	60302	Th-232	1.14	0.0489	0.109	3.1	0.00 - 0.50
6-00194	60302	Th-234	1.61	0.254	0.145	3.19	0.00 - 0.50
6-00194	60302	Tl-208	0.484	0.0189	0.0281	0.937	0.00 - 0.50
6-00194	60302	Tm-171	-6.19 U	11.2	4.1	72.4	0.00 - 0.50
6-00194	60302	U-233/234	0.858	0.0396	0.0833	2.02	0.00 - 0.50
6-00194	60302	U-235/236	0.0227	0.049	0.0152	0.151	0.00 - 0.50
6-00194	60302	U-238	1.03	0.0271	0.0956	1.8	0.00 - 0.50
6-00195	60304	Ac-227	-0.0422 UJ	0.147	0.0448	0.217	1.00 - 2.00
6-00195	60304	Ac-228	0.884	0.0852	0.0452	2.4	1.00 - 2.00
6-00195	60304	Am-241	-0.0003 U	0.0194	0.004	0.0454	1.00 - 2.00
6-00195	60304	Bi-212	0.683	0.114	0.0605	2.15	1.00 - 2.00
6-00195	60304	Bi-214	0.762	0.0246	0.0373	1.59	1.00 - 2.00
6-00195	60304	Cd-113m	14.4 U	100	31.8	3030	1.00 - 2.00
6-00195	60304	Cm-243/244	-0.0025 U	0.0195	0.0035	0.0443	1.00 - 2.00
6-00195	60304	Co-60	-0.0126 UJ	0.0147	0.0055	0.028	1.00 - 2.00
6-00195	60304	Cs-134	0.0026 U	0.0125	0.0042	0.0864	1.00 - 2.00
6-00195	60304	Cs-137	-0.0034 U	0.015	0.0045	0.207	1.00 - 2.00
6-00195	60304	Eu-152	-0.0204 U	0.0367	0.0138	0.0566	1.00 - 2.00
6-00195	60304	Eu-154	0.002 U	0.0845	0.0282	0.15	1.00 - 2.00
6-00195	60304	Eu-155	0.0365 SJ	0.0536	0.0182	0.231	1.00 - 2.00
6-00195	60304	Ho-166m	0.0047 U	0.0228	0.0067	0.0432	1.00 - 2.00
6-00195	60304	K-40	20.6	0.112	1.13	32.4	1.00 - 2.00
6-00195	60304	Na-22	0.0026 U	0.0189	0.0062	0.037	1.00 - 2.00
6-00195	60304	Nb-94	0.0056 U	0.0131	0.004	0.0214	1.00 - 2.00
6-00195	60304	Np-236	-0.0117 U	0.0281	0.0091	0.047	1.00 - 2.00
6-00195	60304	Np-239	-0.0087 U	0.0999	0.0294	0.139	1.00 - 2.00
6-00195	60304	Pa-231	0.0119 U	0.62	0.183	0.936	1.00 - 2.00
6-00195	60304	Pb-212	0.975	0.0258	0.0574	2.69	1.00 - 2.00
6-00195	60304	Pb-214	0.806	0.0265	0.0402	1.7	1.00 - 2.00
6-00195	60304	Pu-236	0.0154	0.0374	0.0113	7.79	1.00 - 2.00
6-00195	60304	Pu-238	-0.0089 UJ	0.0493	0.0106	0.0415	1.00 - 2.00
6-00195	60304	Pu-239/240	-0.0093 UJ	0.0391	0.0068	0.0404	1.00 - 2.00
6-00195	60304	Pu-244	0.001 UJ	0.0229	0.0044	0.0313	1.00 - 2.00
6-00195	60304	Sb-125	0.003 U	0.0359	0.0108	0.354	1.00 - 2.00
6-00195	60304	Sn-126	-0.0021 U	0.0141	0.0042	0.0237	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00195	60304	Sr-90	0.103 U	0.253	0.0762	0.485	1.00 - 2.00
6-00195	60304	Th-228	1.16	0.12	0.117	3.98	1.00 - 2.00
6-00195	60304	Th-229	-0.0274 U	0.114	0.0256	0.145	1.00 - 2.00
6-00195	60304	Th-230	0.921	0.0634	0.0961	2.2	1.00 - 2.00
6-00195	60304	Th-232	0.986	0.0632	0.1	3.1	1.00 - 2.00
6-00195	60304	Th-234	0.984 J	0.222	0.108	3.19	1.00 - 2.00
6-00195	60304	Tl-208	0.325	0.0137	0.0197	0.937	1.00 - 2.00
6-00195	60304	Tm-171	-1.28 U	8.75	2.93	72.4	1.00 - 2.00
6-00195	60304	U-233/234	0.758	0.0586	0.0811	2.02	1.00 - 2.00
6-00195	60304	U-235/236	0.0237	0.0353	0.0131	0.151	1.00 - 2.00
6-00195	60304	U-238	0.883	0.0406	0.0897	1.8	1.00 - 2.00
6-00196	60305	Ac-227	0.041 UJ	0.188	0.0573	0.217	1.00 - 5.00
6-00196	60305	Ac-228	1.21	0.0932	0.0596	2.4	1.00 - 5.00
6-00196	60305	Am-241	0.0049	0.0066	0.0035	0.0454	1.00 - 5.00
6-00196	60305	Bi-212	0.797	0.129	0.0776	2.15	1.00 - 5.00
6-00196	60305	Bi-214	1.1	0.0287	0.051	1.59	1.00 - 5.00
6-00196	60305	Cd-113m	36.6 U	127	42.1	3030	1.00 - 5.00
6-00196	60305	Cm-243/244	0.0031 U	0.0156	0.0039	0.0443	1.00 - 5.00
6-00196	60305	Co-60	-0.0024 U	0.0172	0.0052	0.028	1.00 - 5.00
6-00196	60305	Cs-134	0.0029 U	0.0151	0.0052	0.0864	1.00 - 5.00
6-00196	60305	Cs-137	0.0156 J	0.0179	0.0069	0.207	1.00 - 5.00
6-00196	60305	Eu-152	-0.0174 U	0.0457	0.0153	0.0566	1.00 - 5.00
6-00196	60305	Eu-154	0.0536 J	0.1	0.0351	0.15	1.00 - 5.00
6-00196	60305	Eu-155	0.0367 SJ	0.0661	0.0211	0.231	1.00 - 5.00
6-00196	60305	Ho-166m	0.0056 U	0.0253	0.0076	0.0432	1.00 - 5.00
6-00196	60305	K-40	24	0.125	1.43	32.4	1.00 - 5.00
6-00196	60305	Na-22	-0.0087 U	0.0209	0.0067	0.037	1.00 - 5.00
6-00196	60305	Nb-94	0.0042 U	0.0151	0.0046	0.0214	1.00 - 5.00
6-00196	60305	Np-236	-0.0101 U	0.0344	0.0105	0.047	1.00 - 5.00
6-00196	60305	Np-239	0.0169 U	0.126	0.0382	0.139	1.00 - 5.00
6-00196	60305	Pa-231	0.178 U	0.782	0.24	0.936	1.00 - 5.00
6-00196	60305	Pb-212	1.37	0.0325	0.0841	2.69	1.00 - 5.00
6-00196	60305	Pb-214	1.28	0.0319	0.0615	1.7	1.00 - 5.00
6-00196	60305	Pu-236	0.0035 UJ	0.0206	0.005	7.79	1.00 - 5.00
6-00196	60305	Pu-238	0.0005 UJ	0.0197	0.0038	0.0415	1.00 - 5.00
6-00196	60305	Pu-239/240	0.0091	0.0197	0.0063	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00196	60305	Pu-244	0.0029	0.0078	0.0029	0.0313	1.00 - 5.00
6-00196	60305	Sb-125	0.0025 U	0.0431	0.0126	0.354	1.00 - 5.00
6-00196	60305	Sn-126	-0.0039 U	0.0164	0.0051	0.0237	1.00 - 5.00
6-00196	60305	Sr-90	0.034 U	0.325	0.0918	0.485	1.00 - 5.00
6-00196	60305	Th-228	1.26	0.0218	0.125	3.98	1.00 - 5.00
6-00196	60305	Th-229	0 U	0.0823	0.0187	0.145	1.00 - 5.00
6-00196	60305	Th-230	0.923	0.0708	0.101	2.2	1.00 - 5.00
6-00196	60305	Th-232	1.18	0.0206	0.118	3.1	1.00 - 5.00
6-00196	60305	Th-234	1.49	0.268	0.143	3.19	1.00 - 5.00
6-00196	60305	Tl-208	0.414	0.0163	0.0236	0.937	1.00 - 5.00
6-00196	60305	Tm-171	-0.3 U	11.5	4.02	72.4	1.00 - 5.00
6-00196	60305	U-233/234	0.996	0.0522	0.097	2.02	1.00 - 5.00
6-00196	60305	U-235/236	0.0772	0.0471	0.0231	0.151	1.00 - 5.00
6-00196	60305	U-238	1.01	0.0381	0.0978	1.8	1.00 - 5.00
6-00197	60306	Ac-227	0.0875 U	0.193	0.0614	0.217	1.00 - 5.00
6-00197	60306	Ac-228	1.16	0.0977	0.058	2.4	1.00 - 5.00
6-00197	60306	Am-241	0.0094	0.0085	0.0055	0.0454	1.00 - 5.00
6-00197	60306	Bi-212	0.777 J	0.126	0.0806	2.15	1.00 - 5.00
6-00197	60306	Bi-214	0.935	0.0283	0.0446	1.59	1.00 - 5.00
6-00197	60306	Cd-113m	-33.4 U	125	40.5	3030	1.00 - 5.00
6-00197	60306	Cm-243/244	0.0063 U	0.0214	0.0059	0.0443	1.00 - 5.00
6-00197	60306	Co-60	-0.003 U	0.0177	0.0053	0.028	1.00 - 5.00
6-00197	60306	Cs-134	-0.0056 U	0.0142	0.0051	0.0864	1.00 - 5.00
6-00197	60306	Cs-137	-0.0025 U	0.0175	0.0053	0.207	1.00 - 5.00
6-00197	60306	Eu-152	0.0047 U	0.0467	0.0228	0.0566	1.00 - 5.00
6-00197	60306	Eu-154	-0.0713 UJ	0.0939	0.0343	0.15	1.00 - 5.00
6-00197	60306	Eu-155	0.0525 SJ	0.0702	0.024	0.231	1.00 - 5.00
6-00197	60306	Ho-166m	0.0146 SJ	0.0267	0.0084	0.0432	1.00 - 5.00
6-00197	60306	K-40	22.6	0.131	1.32	32.4	1.00 - 5.00
6-00197	60306	Na-22	-0.0024 U	0.0206	0.006	0.037	1.00 - 5.00
6-00197	60306	Nb-94	0.0026 U	0.0153	0.0045	0.0214	1.00 - 5.00
6-00197	60306	Np-236	0.0105 U	0.0377	0.0114	0.047	1.00 - 5.00
6-00197	60306	Np-239	0.0468 U	0.129	0.0401	0.139	1.00 - 5.00
6-00197	60306	Pa-231	-0.552 U	0.78	0.277	0.936	1.00 - 5.00
6-00197	60306	Pb-212	1.35	0.0339	0.0819	2.69	1.00 - 5.00
6-00197	60306	Pb-214	1.05	0.0324	0.0515	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00197	60306	Pu-236	-0.0088 U	0.0332	0.007	7.79	1.00 - 5.00
6-00197	60306	Pu-238	0.0002 U	0.0319	0.008	0.0415	1.00 - 5.00
6-00197	60306	Pu-239/240	-0.0009 U	0.0169	0.0031	0.0404	1.00 - 5.00
6-00197	60306	Pu-244	0.0092 J	0.0137	0.0051	0.0313	1.00 - 5.00
6-00197	60306	Sb-125	0.0224 SJ	0.0446	0.0137	0.354	1.00 - 5.00
6-00197	60306	Sn-126	0.0032 U	0.0174	0.0052	0.0237	1.00 - 5.00
6-00197	60306	Sr-90	-0.0536 U	0.267	0.065	0.485	1.00 - 5.00
6-00197	60306	Th-228	1.4	0.0194	0.127	3.98	1.00 - 5.00
6-00197	60306	Th-229	0.0201 U	0.0722	0.0201	0.145	1.00 - 5.00
6-00197	60306	Th-230	0.97	0.0492	0.0979	2.2	1.00 - 5.00
6-00197	60306	Th-232	1.27	0.0491	0.117	3.1	1.00 - 5.00
6-00197	60306	Th-234	1.51 J	0.301	0.164	3.19	1.00 - 5.00
6-00197	60306	Tl-208	0.397	0.0166	0.0236	0.937	1.00 - 5.00
6-00197	60306	Tm-171	-5 U	14.2	4.9	72.4	1.00 - 5.00
6-00197	60306	U-233/234	0.869	0.0522	0.0965	2.02	1.00 - 5.00
6-00197	60306	U-235/236	0.0488	0.0645	0.0234	0.151	1.00 - 5.00
6-00197	60306	U-238	1	0.0455	0.107	1.8	1.00 - 5.00
6-00198	60307	Ac-227	0.0567 U	0.189	0.056	0.217	1.00 - 5.00
6-00198	60307	Ac-228	1.35	0.0961	0.065	2.4	1.00 - 5.00
6-00198	60307	Am-241	0.0111 UJ	0.0485	0.0132	0.0454	1.00 - 5.00
6-00198	60307	Bi-212	0.939	0.123	0.0826	2.15	1.00 - 5.00
6-00198	60307	Bi-214	1.03	0.0282	0.0484	1.59	1.00 - 5.00
6-00198	60307	Cd-113m	11.6 U	124	36.1	3030	1.00 - 5.00
6-00198	60307	Cm-243/244	-0.0103 UJ	0.0571	0.0123	0.0443	1.00 - 5.00
6-00198	60307	Co-60	0.0036 U	0.0174	0.0051	0.028	1.00 - 5.00
6-00198	60307	Cs-134	-0.0012 U	0.014	0.0049	0.0864	1.00 - 5.00
6-00198	60307	Cs-137	0.0103 J	0.0175	0.0063	0.207	1.00 - 5.00
6-00198	60307	Eu-152	0.0059 U	0.0451	0.015	0.0566	1.00 - 5.00
6-00198	60307	Eu-154	-0.0869 UJ	0.0918	0.0354	0.15	1.00 - 5.00
6-00198	60307	Eu-155	0.087 JS	0.0639	0.0272	0.231	1.00 - 5.00
6-00198	60307	Ho-166m	-0.0083 U	0.0255	0.0081	0.0432	1.00 - 5.00
6-00198	60307	K-40	21.2	0.132	1.19	32.4	1.00 - 5.00
6-00198	60307	Na-22	0.0065 U	0.0213	0.0067	0.037	1.00 - 5.00
6-00198	60307	Nb-94	0.0119 JS	0.0153	0.0052	0.0214	1.00 - 5.00
6-00198	60307	Np-236	-0.011 U	0.0344	0.0108	0.047	1.00 - 5.00
6-00198	60307	Np-239	0.0056 U	0.125	0.0387	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00198	60307	Pa-231	0.0433 U	0.783	0.228	0.936	1.00 - 5.00
6-00198	60307	Pb-212	1.49	0.0322	0.0876	2.69	1.00 - 5.00
6-00198	60307	Pb-214	1.11	0.0317	0.0521	1.7	1.00 - 5.00
6-00198	60307	Pu-236	0.0005 UJ	0.0424	0.0095	7.79	1.00 - 5.00
6-00198	60307	Pu-238	-0.0007 UJ	0.0369	0.0077	0.0415	1.00 - 5.00
6-00198	60307	Pu-239/240	-0.0088 UJ	0.0368	0.0065	0.0404	1.00 - 5.00
6-00198	60307	Pu-244	0	0.011	0.0041	0.0313	1.00 - 5.00
6-00198	60307	Sb-125	0.0101 U	0.0436	0.013	0.354	1.00 - 5.00
6-00198	60307	Sn-126	-0.0011 U	0.0161	0.0049	0.0237	1.00 - 5.00
6-00198	60307	Sr-90	0.034 U	0.27	0.0771	0.485	1.00 - 5.00
6-00198	60307	Th-228	1.22	0.0821	0.121	3.98	1.00 - 5.00
6-00198	60307	Th-229	0.0506	0.0778	0.0262	0.145	1.00 - 5.00
6-00198	60307	Th-230	1.05	0.0195	0.106	2.2	1.00 - 5.00
6-00198	60307	Th-232	1.26	0.0668	0.121	3.1	1.00 - 5.00
6-00198	60307	Th-234	1.75	0.284	0.166	3.19	1.00 - 5.00
6-00198	60307	Tl-208	0.473	0.0167	0.0266	0.937	1.00 - 5.00
6-00198	60307	Tm-171	-9.92 UJ	12.1	4.75	72.4	1.00 - 5.00
6-00198	60307	U-233/234	0.852	0.056	0.0939	2.02	1.00 - 5.00
6-00198	60307	U-235/236	0.0019 U	0.044	0.0085	0.151	1.00 - 5.00
6-00198	60307	U-238	0.828	0.0356	0.0914	1.8	1.00 - 5.00
6-00199	60308	Ac-227	-0.0389 U	0.213	0.0668	0.217	1.00 - 5.00
6-00199	60308	Ac-228	1.12	0.107	0.0558	2.4	1.00 - 5.00
6-00199	60308	Am-241	-0.0038 U	0.0259	0.0051	0.0454	1.00 - 5.00
6-00199	60308	Bi-212	0.715 J	0.143	0.0877	2.15	1.00 - 5.00
6-00199	60308	Bi-214	0.882	0.0309	0.0428	1.59	1.00 - 5.00
6-00199	60308	Cd-113m	6.94 U	141	42.1	3030	1.00 - 5.00
6-00199	60308	Cm-243/244	0.002 U	0.0216	0.0051	0.0443	1.00 - 5.00
6-00199	60308	Co-60	0.0006 U	0.0202	0.0059	0.028	1.00 - 5.00
6-00199	60308	Cs-134	-0.0022 U	0.0156	0.0053	0.0864	1.00 - 5.00
6-00199	60308	Cs-137	0.033	0.0181	0.007	0.207	1.00 - 5.00
6-00199	60308	Eu-152	-0.0174 U	0.0514	0.0182	0.0566	1.00 - 5.00
6-00199	60308	Eu-154	0.0316 UJ	0.114	0.0345	0.15	1.00 - 5.00
6-00199	60308	Eu-155	0.081 JS	0.0764	0.0299	0.231	1.00 - 5.00
6-00199	60308	Ho-166m	0.0077 U	0.0293	0.0087	0.0432	1.00 - 5.00
6-00199	60308	K-40	23.8	0.134	1.48	32.4	1.00 - 5.00
6-00199	60308	Na-22	0.0024 U	0.0241	0.0071	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00199	60308	Nb-94	0.0085 JS	0.0165	0.0051	0.0214	1.00 - 5.00
6-00199	60308	Np-236	0.012 U	0.0416	0.0135	0.047	1.00 - 5.00
6-00199	60308	Np-239	-0.025 U	0.139	0.0433	0.139	1.00 - 5.00
6-00199	60308	Pa-231	-0.266 U	0.877	0.282	0.936	1.00 - 5.00
6-00199	60308	Pb-212	1.3	0.0361	0.0863	2.69	1.00 - 5.00
6-00199	60308	Pb-214	0.958	0.036	0.0507	1.7	1.00 - 5.00
6-00199	60308	Pu-236	-0.0032 UJ	0.0369	0.0074	7.79	1.00 - 5.00
6-00199	60308	Pu-238	0.0095 UJ	0.0413	0.0113	0.0415	1.00 - 5.00
6-00199	60308	Pu-239/240	0.0045 UJ	0.0225	0.0056	0.0404	1.00 - 5.00
6-00199	60308	Pu-244	0.001 UJ	0.0225	0.0044	0.0313	1.00 - 5.00
6-00199	60308	Sb-125	-0.0119 U	0.0482	0.0148	0.354	1.00 - 5.00
6-00199	60308	Sn-126	-0.0089 U	0.0178	0.0058	0.0237	1.00 - 5.00
6-00199	60308	Sr-90	-0.0245 U	0.283	0.0768	0.485	1.00 - 5.00
6-00199	60308	Th-228	1.23	0.0702	0.121	3.98	1.00 - 5.00
6-00199	60308	Th-229	0.0644	0.0527	0.024	0.145	1.00 - 5.00
6-00199	60308	Th-230	0.857	0.0769	0.0941	2.2	1.00 - 5.00
6-00199	60308	Th-232	1.06	0.0524	0.107	3.1	1.00 - 5.00
6-00199	60308	Th-234	1.73 J	0.351	0.206	3.19	1.00 - 5.00
6-00199	60308	Tl-208	0.382	0.0178	0.0232	0.937	1.00 - 5.00
6-00199	60308	Tm-171	-8.79 U	20.4	7.13	72.4	1.00 - 5.00
6-00199	60308	U-233/234	1	0.0539	0.113	2.02	1.00 - 5.00
6-00199	60308	U-235/236	0.0676	0.0229	0.0244	0.151	1.00 - 5.00
6-00199	60308	U-238	1.07	0.0185	0.118	1.8	1.00 - 5.00
6-00200	60309	Ac-227	-0.0862 U	0.234	0.0728	0.217	1.00 - 5.00
6-00200	60309	Ac-228	1.11	0.14	0.0596	2.4	1.00 - 5.00
6-00200	60309	Am-241	0.006 UJ	0.035	0.0093	0.0454	1.00 - 5.00
6-00200	60309	Bi-212	0.829 J	0.196	0.103	2.15	1.00 - 5.00
6-00200	60309	Bi-214	0.994	0.0413	0.0529	1.59	1.00 - 5.00
6-00200	60309	Cd-113m	-45.8 U	160	49	3030	1.00 - 5.00
6-00200	60309	Cm-243/244	0.0015 UJ	0.0212	0.0047	0.0443	1.00 - 5.00
6-00200	60309	Co-60	-0.002 U	0.0259	0.0076	0.028	1.00 - 5.00
6-00200	60309	Cs-134	0.0034 U	0.0209	0.0069	0.0864	1.00 - 5.00
6-00200	60309	Cs-137	0.0169 J	0.0255	0.009	0.207	1.00 - 5.00
6-00200	60309	Eu-152	0.0025 U	0.061	0.0196	0.0566	1.00 - 5.00
6-00200	60309	Eu-154	-0.023 UJ	0.148	0.0452	0.15	1.00 - 5.00
6-00200	60309	Eu-155	0.0641 JS	0.0811	0.0286	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00200	60309	Ho-166m	-0.0108 U	0.0366	0.0112	0.0432	1.00 - 5.00
6-00200	60309	K-40	22.4	0.201	1.29	32.4	1.00 - 5.00
6-00200	60309	Na-22	-0.0036 U	0.0307	0.009	0.037	1.00 - 5.00
6-00200	60309	Nb-94	0.0112 JS	0.0226	0.0069	0.0214	1.00 - 5.00
6-00200	60309	Np-236	-0.0108 U	0.0429	0.0134	0.047	1.00 - 5.00
6-00200	60309	Np-239	-0.0026 U	0.159	0.0465	0.139	1.00 - 5.00
6-00200	60309	Pa-231	0.255 U	1.01	0.311	0.936	1.00 - 5.00
6-00200	60309	Pb-212	1.31	0.0459	0.0782	2.69	1.00 - 5.00
6-00200	60309	Pb-214	1.07	0.0428	0.0537	1.7	1.00 - 5.00
6-00200	60309	Pu-236	0.038	0.0094	0.0116	7.79	1.00 - 5.00
6-00200	60309	Pu-238	0.0019 UJ	0.0262	0.0058	0.0415	1.00 - 5.00
6-00200	60309	Pu-239/240	0.01	0.009	0.0058	0.0404	1.00 - 5.00
6-00200	60309	Pu-244	0.0076	0.0212	0.0062	0.0313	1.00 - 5.00
6-00200	60309	Sb-125	-0.0128 U	0.0582	0.018	0.354	1.00 - 5.00
6-00200	60309	Sn-126	0.0065 U	0.0244	0.0071	0.0237	1.00 - 5.00
6-00200	60309	Sr-90	0.224	0.283	0.0929	0.485	1.00 - 5.00
6-00200	60309	Th-228	1.15	0.0848	0.119	3.98	1.00 - 5.00
6-00200	60309	Th-229	0.0149 U	0.0978	0.0259	0.145	1.00 - 5.00
6-00200	60309	Th-230	1.05	0.0801	0.11	2.2	1.00 - 5.00
6-00200	60309	Th-232	1.12	0.0546	0.113	3.1	1.00 - 5.00
6-00200	60309	Th-234	1.4 J	0.336	0.171	3.19	1.00 - 5.00
6-00200	60309	Tl-208	0.427	0.0247	0.0275	0.937	1.00 - 5.00
6-00200	60309	Tm-171	-5.19 U	14.4	5.03	72.4	1.00 - 5.00
6-00200	60309	U-233/234	1.07	0.0785	0.124	2.02	1.00 - 5.00
6-00200	60309	U-235/236	0.0414	0.0616	0.0229	0.151	1.00 - 5.00
6-00200	60309	U-238	0.993	0.0212	0.116	1.8	1.00 - 5.00
6-00201	60310	Ac-227	-0.133 U	0.198	0.0678	0.217	1.00 - 6.80
6-00201	60310	Ac-228	1.2	0.11	0.0611	2.4	1.00 - 6.80
6-00201	60310	Am-241	-0.0001 U	0.029	0.0069	0.0454	1.00 - 6.80
6-00201	60310	Bi-212	0.835 J	0.144	0.0843	2.15	1.00 - 6.80
6-00201	60310	Bi-214	0.866	0.0332	0.0448	1.59	1.00 - 6.80
6-00201	60310	Cd-113m	-55.2 U	136	44.3	3030	1.00 - 6.80
6-00201	60310	Cm-243/244	0.0003 U	0.0236	0.0053	0.0443	1.00 - 6.80
6-00201	60310	Co-60	0.0023 U	0.0205	0.006	0.028	1.00 - 6.80
6-00201	60310	Cs-134	0.0055 U	0.0172	0.0058	0.0864	1.00 - 6.80
6-00201	60310	Cs-137	-0.0047 U	0.0198	0.006	0.207	1.00 - 6.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00201	60310	Eu-152	0.0095 U	0.0527	0.017	0.0566	1.00 - 6.80
6-00201	60310	Eu-154	-0.0087 UJ	0.111	0.0323	0.15	1.00 - 6.80
6-00201	60310	Eu-155	0.0975 JS	0.0711	0.0275	0.231	1.00 - 6.80
6-00201	60310	Ho-166m	-0.0069 U	0.0301	0.0092	0.0432	1.00 - 6.80
6-00201	60310	K-40	21.2	0.157	1.28	32.4	1.00 - 6.80
6-00201	60310	Na-22	0.0094 U	0.0258	0.0077	0.037	1.00 - 6.80
6-00201	60310	Nb-94	0.0061 U	0.0176	0.0053	0.0214	1.00 - 6.80
6-00201	60310	Np-236	-0.0087 U	0.0392	0.0122	0.047	1.00 - 6.80
6-00201	60310	Np-239	-0.0429 U	0.137	0.0419	0.139	1.00 - 6.80
6-00201	60310	Pa-231	-0.0279 U	0.852	0.253	0.936	1.00 - 6.80
6-00201	60310	Pb-212	1.39	0.0356	0.094	2.69	1.00 - 6.80
6-00201	60310	Pb-214	0.936	0.0342	0.0506	1.7	1.00 - 6.80
6-00201	60310	Pu-236	-0.0048 U	0.0444	0.0101	7.79	1.00 - 6.80
6-00201	60310	Pu-238	0.0137 U	0.034	0.0102	0.0415	1.00 - 6.80
6-00201	60310	Pu-239/240	0.0009 U	0.0199	0.0039	0.0404	1.00 - 6.80
6-00201	60310	Pu-244	-0.0022 U	0.0199	0.0039	0.0313	1.00 - 6.80
6-00201	60310	Sb-125	0.0037 U	0.0495	0.0149	0.354	1.00 - 6.80
6-00201	60310	Sn-126	0.0062 U	0.0198	0.0059	0.0237	1.00 - 6.80
6-00201	60310	Sr-90	0.0934 U	0.267	0.0798	0.485	1.00 - 6.80
6-00201	60310	Th-228	1.21	0.102	0.119	3.98	1.00 - 6.80
6-00201	60310	Th-229	0.0069 U	0.0504	0.0119	0.145	1.00 - 6.80
6-00201	60310	Th-230	0.943	0.0185	0.097	2.2	1.00 - 6.80
6-00201	60310	Th-232	1.21	0.0185	0.114	3.1	1.00 - 6.80
6-00201	60310	Th-234	1.52 J	0.312	0.171	3.19	1.00 - 6.80
6-00201	60310	Tl-208	0.434	0.0181	0.026	0.937	1.00 - 6.80
6-00201	60310	Tm-171	-13 UJ	16	6.29	72.4	1.00 - 6.80
6-00201	60310	U-233/234	0.832	0.0673	0.0986	2.02	1.00 - 6.80
6-00201	60310	U-235/236	0.0438	0.0528	0.0214	0.151	1.00 - 6.80
6-00201	60310	U-238	0.717	0.0607	0.0887	1.8	1.00 - 6.80
6-00203	60312	Ac-227	0.0168 UJ	0.162	0.0484	0.217	1.00 - 2.50
6-00203	60312	Ac-228	1.16	0.0816	0.056	2.4	1.00 - 2.50
6-00203	60312	Am-241	0.002 U	0.021	0.005	0.0454	1.00 - 2.50
6-00203	60312	Bi-212	0.692	0.108	0.0615	2.15	1.00 - 2.50
6-00203	60312	Bi-214	0.865	0.0249	0.0403	1.59	1.00 - 2.50
6-00203	60312	Cd-113m	52.1 U	108	35.1	3030	1.00 - 2.50
6-00203	60312	Cm-243/244	0.0007 U	0.0149	0.0029	0.0443	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00203	60312	Co-60	-0.0042 U	0.014	0.0044	0.028	1.00 - 2.50
6-00203	60312	Cs-134	-0.001 U	0.012	0.004	0.0864	1.00 - 2.50
6-00203	60312	Cs-137	0.0012 U	0.0139	0.0046	0.207	1.00 - 2.50
6-00203	60312	Eu-152	-0.0116 U	0.0394	0.014	0.0566	1.00 - 2.50
6-00203	60312	Eu-154	-0.0483 U	0.0803	0.0273	0.15	1.00 - 2.50
6-00203	60312	Eu-155	0.0343 SJ	0.0588	0.0199	0.231	1.00 - 2.50
6-00203	60312	Ho-166m	0.0042 U	0.0221	0.0065	0.0432	1.00 - 2.50
6-00203	60312	K-40	19.7	0.0929	1.13	32.4	1.00 - 2.50
6-00203	60312	Na-22	-0.0016 U	0.0167	0.0051	0.037	1.00 - 2.50
6-00203	60312	Nb-94	0.0052 U	0.0131	0.004	0.0214	1.00 - 2.50
6-00203	60312	Np-236	-0.0112 U	0.0311	0.0095	0.047	1.00 - 2.50
6-00203	60312	Np-239	-0.0437 U	0.108	0.0341	0.139	1.00 - 2.50
6-00203	60312	Pa-231	0.0808 U	0.678	0.209	0.936	1.00 - 2.50
6-00203	60312	Pb-212	1.25	0.0273	0.0792	2.69	1.00 - 2.50
6-00203	60312	Pb-214	0.933	0.0279	0.0467	1.7	1.00 - 2.50
6-00203	60312	Pu-236	-0.0106 UJ	0.0418	0.0084	7.79	1.00 - 2.50
6-00203	60312	Pu-238	0.0066 UJ	0.0387	0.0103	0.0415	1.00 - 2.50
6-00203	60312	Pu-239/240	0.0105	0.0233	0.0073	0.0404	1.00 - 2.50
6-00203	60312	Pu-244	0.0059	0.008	0.0042	0.0313	1.00 - 2.50
6-00203	60312	Sb-125	-0.002 U	0.0365	0.0111	0.354	1.00 - 2.50
6-00203	60312	Sn-126	-0.001 U	0.0139	0.0041	0.0237	1.00 - 2.50
6-00203	60312	Sr-90	-0.155 U	0.352	0.0783	0.485	1.00 - 2.50
6-00203	60312	Th-228	1.28	0.066	0.122	3.98	1.00 - 2.50
6-00203	60312	Th-229	0.0341 U	0.0963	0.0282	0.145	1.00 - 2.50
6-00203	60312	Th-230	0.926	0.0633	0.0969	2.2	1.00 - 2.50
6-00203	60312	Th-232	1.12	0.0184	0.109	3.1	1.00 - 2.50
6-00203	60312	Th-234	1.27 J	0.242	0.132	3.19	1.00 - 2.50
6-00203	60312	Tl-208	0.401	0.0128	0.023	0.937	1.00 - 2.50
6-00203	60312	Tm-171	-2.09 U	10.2	3.61	72.4	1.00 - 2.50
6-00203	60312	U-233/234	1.02	0.0471	0.0994	2.02	1.00 - 2.50
6-00203	60312	U-235/236	0.071	0.034	0.021	0.151	1.00 - 2.50
6-00203	60312	U-238	1.09	0.0391	0.104	1.8	1.00 - 2.50
6-00204	60313	Ac-227	0.0831 U	0.205	0.0628	0.217	0.00 - 0.50
6-00204	60313	Ac-228	1.24	0.0945	0.0624	2.4	0.00 - 0.50
6-00204	60313	Am-241	0.0033 U	0.0166	0.0042	0.0454	0.00 - 0.50
6-00204	60313	Bi-212	0.838	0.136	0.0775	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00204	60313	Bi-214	0.975	0.0307	0.0465	1.59	0.00 - 0.50
6-00204	60313	Cd-113m	-24.7 U	135	44.2	3030	0.00 - 0.50
6-00204	60313	Cm-243/244	-0.0015 U	0.0135	0.0026	0.0443	0.00 - 0.50
6-00204	60313	Co-60	0.0028 U	0.0187	0.0055	0.028	0.00 - 0.50
6-00204	60313	Cs-134	0.0073 U	0.0163	0.0058	0.0864	0.00 - 0.50
6-00204	60313	Cs-137	0.0271	0.0196	0.0079	0.207	0.00 - 0.50
6-00204	60313	Eu-152	-0.0415 U	0.0495	0.0224	0.0566	0.00 - 0.50
6-00204	60313	Eu-154	-0.0451 U	0.1	0.0319	0.15	0.00 - 0.50
6-00204	60313	Eu-155	0.0509 JS	0.0725	0.025	0.231	0.00 - 0.50
6-00204	60313	Ho-166m	0.0084 U	0.0279	0.0085	0.0432	0.00 - 0.50
6-00204	60313	K-40	22	0.124	1.35	32.4	0.00 - 0.50
6-00204	60313	Na-22	-0.0208 UJ	0.0206	0.0082	0.037	0.00 - 0.50
6-00204	60313	Nb-94	0.0032 U	0.0156	0.0047	0.0214	0.00 - 0.50
6-00204	60313	Np-236	0.0051 U	0.0389	0.0119	0.047	0.00 - 0.50
6-00204	60313	Np-239	-0.0003 U	0.138	0.0405	0.139	0.00 - 0.50
6-00204	60313	Pa-231	-0.507 U	0.826	0.29	0.936	0.00 - 0.50
6-00204	60313	Pb-212	1.44	0.0361	0.089	2.69	0.00 - 0.50
6-00204	60313	Pb-214	1.03	0.0351	0.0503	1.7	0.00 - 0.50
6-00204	60313	Pu-236	0.0013 UJ	0.0352	0.0083	7.79	0.00 - 0.50
6-00204	60313	Pu-238	0.0094 UJ	0.0454	0.0125	0.0415	0.00 - 0.50
6-00204	60313	Pu-239/240	-0.0035 UJ	0.0276	0.0049	0.0404	0.00 - 0.50
6-00204	60313	Pu-244	-0.0022 UJ	0.0194	0.0038	0.0313	0.00 - 0.50
6-00204	60313	Sb-125	0.0043 U	0.0467	0.0139	0.354	0.00 - 0.50
6-00204	60313	Sn-126	-0.003 U	0.0171	0.0053	0.0237	0.00 - 0.50
6-00204	60313	Sr-90	-0.049 U	0.164	0.038	0.485	0.00 - 0.50
6-00204	60313	Th-228	1.41	0.0976	0.133	3.98	0.00 - 0.50
6-00204	60313	Th-229	-0.0205 U	0.103	0.0226	0.145	0.00 - 0.50
6-00204	60313	Th-230	0.981	0.0185	0.0996	2.2	0.00 - 0.50
6-00204	60313	Th-232	1.38	0.0184	0.126	3.1	0.00 - 0.50
6-00204	60313	Th-234	1.37 J	0.305	0.153	3.19	0.00 - 0.50
6-00204	60313	Tl-208	0.448	0.0173	0.0263	0.937	0.00 - 0.50
6-00204	60313	Tm-171	-7.6 U	13.3	5.85	72.4	0.00 - 0.50
6-00204	60313	U-233/234	0.757	0.0604	0.0889	2.02	0.00 - 0.50
6-00204	60313	U-235/236	0.003 U	0.0811	0.0191	0.151	0.00 - 0.50
6-00204	60313	U-238	0.8	0.0163	0.0914	1.8	0.00 - 0.50
6-00204	60314	Ac-227	-0.0137 UJ	0.176	0.0538	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00204	60314	Ac-228	1.19	0.0828	0.0572	2.4	1.00 - 5.00
6-00204	60314	Am-241	0.0029 U	0.0259	0.0064	0.0454	1.00 - 5.00
6-00204	60314	Bi-212	0.88	0.115	0.0706	2.15	1.00 - 5.00
6-00204	60314	Bi-214	0.83	0.0266	0.0401	1.59	1.00 - 5.00
6-00204	60314	Cd-113m	51 U	118	38.6	3030	1.00 - 5.00
6-00204	60314	Cm-243/244	0.0015 U	0.0205	0.0045	0.0443	1.00 - 5.00
6-00204	60314	Co-60	-0.0014 U	0.0156	0.0046	0.028	1.00 - 5.00
6-00204	60314	Cs-134	0.0007 U	0.0129	0.0044	0.0864	1.00 - 5.00
6-00204	60314	Cs-137	0.0054 U	0.0147	0.0051	0.207	1.00 - 5.00
6-00204	60314	Eu-152	-0.0437 UJ	0.0427	0.0199	0.0566	1.00 - 5.00
6-00204	60314	Eu-154	-0.0787 UJ	0.0799	0.0318	0.15	1.00 - 5.00
6-00204	60314	Eu-155	0.059 SJ	0.0622	0.0217	0.231	1.00 - 5.00
6-00204	60314	Ho-166m	-0.0066 U	0.023	0.0071	0.0432	1.00 - 5.00
6-00204	60314	K-40	18.6	0.113	1.08	32.4	1.00 - 5.00
6-00204	60314	Na-22	-0.0031 U	0.0179	0.0053	0.037	1.00 - 5.00
6-00204	60314	Nb-94	0.0006 U	0.0135	0.004	0.0214	1.00 - 5.00
6-00204	60314	Np-236	0.0058 U	0.0343	0.0106	0.047	1.00 - 5.00
6-00204	60314	Np-239	-0.0014 U	0.12	0.0365	0.139	1.00 - 5.00
6-00204	60314	Pa-231	-0.261 U	0.728	0.233	0.936	1.00 - 5.00
6-00204	60314	Pb-212	1.31	0.0295	0.0795	2.69	1.00 - 5.00
6-00204	60314	Pb-214	0.96	0.031	0.0473	1.7	1.00 - 5.00
6-00204	60314	Pu-236	0.0024 U	0.0261	0.0062	7.79	1.00 - 5.00
6-00204	60314	Pu-238	-0.0037 U	0.0328	0.0069	0.0415	1.00 - 5.00
6-00204	60314	Pu-239/240	0.0064	0.0179	0.0053	0.0404	1.00 - 5.00
6-00204	60314	Pu-244	0.0028	0.0076	0.0028	0.0313	1.00 - 5.00
6-00204	60314	Sb-125	0.0004 U	0.039	0.0113	0.354	1.00 - 5.00
6-00204	60314	Sn-126	-0.0066 U	0.0152	0.0049	0.0237	1.00 - 5.00
6-00204	60314	Sr-90	-0.0724 U	0.337	0.0834	0.485	1.00 - 5.00
6-00204	60314	Th-228	1.27	0.0771	0.122	3.98	1.00 - 5.00
6-00204	60314	Th-229	0.0482	0.0507	0.0209	0.145	1.00 - 5.00
6-00204	60314	Th-230	0.88	0.0186	0.0929	2.2	1.00 - 5.00
6-00204	60314	Th-232	1.26	0.0186	0.118	3.1	1.00 - 5.00
6-00204	60314	Th-234	1.52 J	0.264	0.162	3.19	1.00 - 5.00
6-00204	60314	Tl-208	0.402	0.0145	0.0228	0.937	1.00 - 5.00
6-00204	60314	Tm-171	-15 UJ	12.4	5.58	72.4	1.00 - 5.00
6-00204	60314	U-233/234	0.807	0.0509	0.0823	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00204	60314	U-235/236	0.0355	0.0138	0.0137	0.151	1.00 - 5.00
6-00204	60314	U-238	0.962	0.0412	0.0935	1.8	1.00 - 5.00
6-00205	60315	Ac-227	0.0588 U	0.215	0.065	0.217	0.00 - 0.50
6-00205	60315	Ac-228	1.41	0.11	0.0678	2.4	0.00 - 0.50
6-00205	60315	Am-241	-0.003 U	0.0198	0.0036	0.0454	0.00 - 0.50
6-00205	60315	Bi-212	1.11	0.146	0.0955	2.15	0.00 - 0.50
6-00205	60315	Bi-214	1.03	0.0326	0.0498	1.59	0.00 - 0.50
6-00205	60315	Cd-113m	14.1 U	144	42.8	3030	0.00 - 0.50
6-00205	60315	Cm-243/244	-0.0045 U	0.0227	0.0039	0.0443	0.00 - 0.50
6-00205	60315	Co-60	-0.0067 U	0.0203	0.0062	0.028	0.00 - 0.50
6-00205	60315	Cs-134	-0.0014 U	0.0169	0.0058	0.0864	0.00 - 0.50
6-00205	60315	Cs-137	0.0068 U	0.0192	0.0067	0.207	0.00 - 0.50
6-00205	60315	Eu-152	-0.0295 U	0.0528	0.0183	0.0566	0.00 - 0.50
6-00205	60315	Eu-154	-0.0102 U	0.111	0.0328	0.15	0.00 - 0.50
6-00205	60315	Eu-155	0.0652 JS	0.0748	0.0287	0.231	0.00 - 0.50
6-00205	60315	Ho-166m	0.014 U	0.0314	0.0098	0.0432	0.00 - 0.50
6-00205	60315	K-40	22	0.141	1.39	32.4	0.00 - 0.50
6-00205	60315	Na-22	-0.0045 U	0.0245	0.0075	0.037	0.00 - 0.50
6-00205	60315	Nb-94	-0.0017 U	0.0171	0.0052	0.0214	0.00 - 0.50
6-00205	60315	Np-236	0 U	0.0408	0.0125	0.047	0.00 - 0.50
6-00205	60315	Np-239	-0.0058 U	0.143	0.0423	0.139	0.00 - 0.50
6-00205	60315	Pa-231	0.127 U	0.895	0.277	0.936	0.00 - 0.50
6-00205	60315	Pb-212	1.68	0.0375	0.102	2.69	0.00 - 0.50
6-00205	60315	Pb-214	1.19	0.0371	0.0574	1.7	0.00 - 0.50
6-00205	60315	Pu-236	0.0128 U	0.0395	0.0114	7.79	0.00 - 0.50
6-00205	60315	Pu-238	0.0055 U	0.0468	0.0125	0.0415	0.00 - 0.50
6-00205	60315	Pu-239/240	0.0114	0.0077	0.0057	0.0404	0.00 - 0.50
6-00205	60315	Pu-244	0	0.0077	0.0029	0.0313	0.00 - 0.50
6-00205	60315	Sb-125	-0.0038 U	0.0502	0.0146	0.354	0.00 - 0.50
6-00205	60315	Sn-126	0.0057 U	0.0198	0.006	0.0237	0.00 - 0.50
6-00205	60315	Sr-90	0.0097 U	0.156	0.0416	0.485	0.00 - 0.50
6-00205	60315	Th-228	1.54	0.116	0.144	3.98	0.00 - 0.50
6-00205	60315	Th-229	-0.0071 U	0.0854	0.0188	0.145	0.00 - 0.50
6-00205	60315	Th-230	1.16	0.0522	0.113	2.2	0.00 - 0.50
6-00205	60315	Th-232	1.19	0.0191	0.114	3.1	0.00 - 0.50
6-00205	60315	Th-234	1.75 J	0.332	0.191	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00205	60315	Tl-208	0.505	0.019	0.0298	0.937	0.00 - 0.50
6-00205	60315	Tm-171	-2.23 U	17.6	5.92	72.4	0.00 - 0.50
6-00205	60315	U-233/234	0.874	0.0167	0.0981	2.02	0.00 - 0.50
6-00205	60315	U-235/236	0.0609	0.0206	0.022	0.151	0.00 - 0.50
6-00205	60315	U-238	0.94	0.0486	0.104	1.8	0.00 - 0.50
6-00205	60316	Ac-227	0.0808 U	0.215	0.0654	0.217	1.00 - 5.00
6-00205	60316	Ac-228	1.45	0.101	0.0712	2.4	1.00 - 5.00
6-00205	60316	Am-241	0.0069	0.0193	0.0057	0.0454	1.00 - 5.00
6-00205	60316	Bi-212	1.06	0.143	0.0981	2.15	1.00 - 5.00
6-00205	60316	Bi-214	0.938	0.0337	0.0462	1.59	1.00 - 5.00
6-00205	60316	Cd-113m	71.3 U	146	49.4	3030	1.00 - 5.00
6-00205	60316	Cm-243/244	-0.0035 UJ	0.0275	0.0049	0.0443	1.00 - 5.00
6-00205	60316	Co-60	0.0049 U	0.0183	0.0054	0.028	1.00 - 5.00
6-00205	60316	Cs-134	0.0149 J	0.0178	0.0069	0.0864	1.00 - 5.00
6-00205	60316	Cs-137	-0.0037 U	0.0191	0.0059	0.207	1.00 - 5.00
6-00205	60316	Eu-152	-0.0043 U	0.053	0.0208	0.0566	1.00 - 5.00
6-00205	60316	Eu-154	0.0173 U	0.0991	0.0332	0.15	1.00 - 5.00
6-00205	60316	Eu-155	0.0579 J	0.0766	0.0268	0.231	1.00 - 5.00
6-00205	60316	Ho-166m	-0.0009 U	0.0283	0.0085	0.0432	1.00 - 5.00
6-00205	60316	K-40	20	0.134	1.23	32.4	1.00 - 5.00
6-00205	60316	Na-22	-0.0155 UJ	0.0203	0.0073	0.037	1.00 - 5.00
6-00205	60316	Nb-94	0.0056 U	0.0171	0.0052	0.0214	1.00 - 5.00
6-00205	60316	Np-236	-0.0178 U	0.0406	0.0132	0.047	1.00 - 5.00
6-00205	60316	Np-239	-0.0799 U	0.142	0.0464	0.139	1.00 - 5.00
6-00205	60316	Pa-231	-0.29 U	0.891	0.289	0.936	1.00 - 5.00
6-00205	60316	Pb-212	1.65	0.0372	0.101	2.69	1.00 - 5.00
6-00205	60316	Pb-214	1.04	0.0373	0.0517	1.7	1.00 - 5.00
6-00205	60316	Pu-236	-0.0063 U	0.0318	0.0062	7.79	1.00 - 5.00
6-00205	60316	Pu-238	0.0033 U	0.0345	0.0088	0.0415	1.00 - 5.00
6-00205	60316	Pu-239/240	-0.0061 U	0.0308	0.006	0.0404	1.00 - 5.00
6-00205	60316	Pu-244	0	0.0071	0.0026	0.0313	1.00 - 5.00
6-00205	60316	Sb-125	0.0051 U	0.0492	0.0146	0.354	1.00 - 5.00
6-00205	60316	Sn-126	0.0047 UJ	0.0187	0.0057	0.0237	1.00 - 5.00
6-00205	60316	Sr-90	-0.0038 U	0.203	0.0532	0.485	1.00 - 5.00
6-00205	60316	Th-228	1.52	0.0879	0.139	3.98	1.00 - 5.00
6-00205	60316	Th-229	0.056	0.065	0.0244	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00205	60316	Th-230	0.935	0.0648	0.0981	2.2	1.00 - 5.00
6-00205	60316	Th-232	1.4	0.0189	0.127	3.1	1.00 - 5.00
6-00205	60316	Th-234	1.56 J	0.325	0.181	3.19	1.00 - 5.00
6-00205	60316	Tl-208	0.528	0.0174	0.0301	0.937	1.00 - 5.00
6-00205	60316	Tm-171	-8.22 U	13.9	5.61	72.4	1.00 - 5.00
6-00205	60316	U-233/234	0.791	0.0534	0.0877	2.02	1.00 - 5.00
6-00205	60316	U-235/236	0.0808	0.0419	0.0249	0.151	1.00 - 5.00
6-00205	60316	U-238	0.965	0.0339	0.101	1.8	1.00 - 5.00
6-00206	60317	Ac-227	0.036 U	0.158	0.0485	0.217	0.00 - 0.50
6-00206	60317	Ac-228	1.23	0.0761	0.0576	2.4	0.00 - 0.50
6-00206	60317	Am-241	0.0068	0.0132	0.0044	0.0454	0.00 - 0.50
6-00206	60317	Bi-212	0.909	0.105	0.0736	2.15	0.00 - 0.50
6-00206	60317	Bi-214	0.854	0.0244	0.0395	1.59	0.00 - 0.50
6-00206	60317	Cd-113m	-17.6 U	103	32.9	3030	0.00 - 0.50
6-00206	60317	Cm-243/244	0.0042	0.0057	0.003	0.0443	0.00 - 0.50
6-00206	60317	Co-60	-0.0005 U	0.014	0.0041	0.028	0.00 - 0.50
6-00206	60317	Cs-134	0.0009 U	0.0125	0.0043	0.0864	0.00 - 0.50
6-00206	60317	Cs-137	0.0244	0.013	0.0047	0.207	0.00 - 0.50
6-00206	60317	Eu-152	-0.0041 U	0.0376	0.0143	0.0566	0.00 - 0.50
6-00206	60317	Eu-154	-0.0536 U	0.0759	0.0271	0.15	0.00 - 0.50
6-00206	60317	Eu-155	0.0811 JS	0.0549	0.0216	0.231	0.00 - 0.50
6-00206	60317	Ho-166m	0.0059 U	0.021	0.0063	0.0432	0.00 - 0.50
6-00206	60317	K-40	20.4	0.0944	1.18	32.4	0.00 - 0.50
6-00206	60317	Na-22	-0.0033 U	0.0167	0.0056	0.037	0.00 - 0.50
6-00206	60317	Nb-94	0.005 U	0.0122	0.0038	0.0214	0.00 - 0.50
6-00206	60317	Np-236	-0.0184 U	0.0292	0.011	0.047	0.00 - 0.50
6-00206	60317	Np-239	0.0279 U	0.104	0.032	0.139	0.00 - 0.50
6-00206	60317	Pa-231	0.316 U	0.644	0.214	0.936	0.00 - 0.50
6-00206	60317	Pb-212	1.41	0.0276	0.0851	2.69	0.00 - 0.50
6-00206	60317	Pb-214	0.956	0.0266	0.0455	1.7	0.00 - 0.50
6-00206	60317	Pu-236	-0.0028 U	0.0344	0.0078	7.79	0.00 - 0.50
6-00206	60317	Pu-238	0.0058 U	0.0365	0.0098	0.0415	0.00 - 0.50
6-00206	60317	Pu-239/240	-0.006 U	0.0278	0.005	0.0404	0.00 - 0.50
6-00206	60317	Pu-244	-0.0021 U	0.0173	0.0033	0.0313	0.00 - 0.50
6-00206	60317	Sb-125	0.0104 U	0.0361	0.0107	0.354	0.00 - 0.50
6-00206	60317	Sn-126	-0.0115 UJ	0.0129	0.0048	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00206	60317	Sr-90	-0.0723 U	0.308	0.0829	0.485	0.00 - 0.50
6-00206	60317	Th-228	1.61	0.105	0.15	3.98	0.00 - 0.50
6-00206	60317	Th-229	0.0367	0.0199	0.0166	0.145	0.00 - 0.50
6-00206	60317	Th-230	0.974	0.088	0.104	2.2	0.00 - 0.50
6-00206	60317	Th-232	1.22	0.0786	0.12	3.1	0.00 - 0.50
6-00206	60317	Th-234	1.27 J	0.233	0.128	3.19	0.00 - 0.50
6-00206	60317	Tl-208	0.425	0.0135	0.0234	0.937	0.00 - 0.50
6-00206	60317	Tm-171	-8.65 U	11.5	4.41	72.4	0.00 - 0.50
6-00206	60317	U-233/234	0.798	0.0694	0.0922	2.02	0.00 - 0.50
6-00206	60317	U-235/236	0.0167	0.0468	0.0138	0.151	0.00 - 0.50
6-00206	60317	U-238	0.715	0.0379	0.0842	1.8	0.00 - 0.50
6-00206	60318	Ac-227	0.0412 U	0.172	0.0507	0.217	1.00 - 5.00
6-00206	60318	Ac-228	1.32	0.0896	0.0608	2.4	1.00 - 5.00
6-00206	60318	Am-241	0	0.0086	0.0032	0.0454	1.00 - 5.00
6-00206	60318	Bi-212	0.912	0.112	0.0835	2.15	1.00 - 5.00
6-00206	60318	Bi-214	0.912	0.0272	0.0429	1.59	1.00 - 5.00
6-00206	60318	Cd-113m	-25.9 U	114	34.2	3030	1.00 - 5.00
6-00206	60318	Cm-243/244	0.0207	0.0245	0.0095	0.0443	1.00 - 5.00
6-00206	60318	Co-60	0.0092 J	0.0179	0.0054	0.028	1.00 - 5.00
6-00206	60318	Cs-134	-0.0023 UJ	0.0125	0.0045	0.0864	1.00 - 5.00
6-00206	60318	Cs-137	-0.0059 U	0.0159	0.0049	0.207	1.00 - 5.00
6-00206	60318	Eu-152	-0.008 U	0.0425	0.0133	0.0566	1.00 - 5.00
6-00206	60318	Eu-154	-0.0495 U	0.0898	0.0299	0.15	1.00 - 5.00
6-00206	60318	Eu-155	0.0859 JS	0.0579	0.0221	0.231	1.00 - 5.00
6-00206	60318	Ho-166m	-0.0013 UJ	0.0243	0.0071	0.0432	1.00 - 5.00
6-00206	60318	K-40	19.5	0.125	1.1	32.4	1.00 - 5.00
6-00206	60318	Na-22	-0.0003 U	0.0181	0.0054	0.037	1.00 - 5.00
6-00206	60318	Nb-94	0.0021 U	0.014	0.004	0.0214	1.00 - 5.00
6-00206	60318	Np-236	-0.021 U	0.0314	0.0121	0.047	1.00 - 5.00
6-00206	60318	Np-239	-0.0257 U	0.116	0.0346	0.139	1.00 - 5.00
6-00206	60318	Pa-231	-0.0197 U	0.712	0.238	0.936	1.00 - 5.00
6-00206	60318	Pb-212	1.4	0.0292	0.0845	2.69	1.00 - 5.00
6-00206	60318	Pb-214	0.988	0.0306	0.049	1.7	1.00 - 5.00
6-00206	60318	Pu-236	0.0026	0.0069	0.0026	7.79	1.00 - 5.00
6-00206	60318	Pu-238	-0.0011 U	0.0197	0.0036	0.0415	1.00 - 5.00
6-00206	60318	Pu-239/240	-0.0029 U	0.0226	0.004	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00206	60318	Pu-244	-0.0018 U	0.0159	0.0031	0.0313	1.00 - 5.00
6-00206	60318	Sb-125	-0.0064 U	0.0383	0.0116	0.354	1.00 - 5.00
6-00206	60318	Sn-126	0.0059 U	0.016	0.0047	0.0237	1.00 - 5.00
6-00206	60318	Sr-90	-0.0459 U	0.194	0.0478	0.485	1.00 - 5.00
6-00206	60318	Th-228	1.37	0.0988	0.142	3.98	1.00 - 5.00
6-00206	60318	Th-229	0.0356	0.0655	0.0219	0.145	1.00 - 5.00
6-00206	60318	Th-230	0.958	0.024	0.11	2.2	1.00 - 5.00
6-00206	60318	Th-232	1.41	0.024	0.142	3.1	1.00 - 5.00
6-00206	60318	Th-234	1.46	0.239	0.145	3.19	1.00 - 5.00
6-00206	60318	Tl-208	0.438	0.0148	0.0249	0.937	1.00 - 5.00
6-00206	60318	Tm-171	-4.77 U	9.71	3.49	72.4	1.00 - 5.00
6-00206	60318	U-233/234	0.757	0.0499	0.086	2.02	1.00 - 5.00
6-00206	60318	U-235/236	0.0515	0.0538	0.0219	0.151	1.00 - 5.00
6-00206	60318	U-238	0.81	0.0149	0.0896	1.8	1.00 - 5.00
6-00207	60319	Ac-227	0.0101 U	0.2	0.0611	0.217	1.00 - 5.00
6-00207	60319	Ac-228	1.32	0.106	0.0635	2.4	1.00 - 5.00
6-00207	60319	Am-241	0.001 U	0.0143	0.0032	0.0454	1.00 - 5.00
6-00207	60319	Bi-212	0.895	0.142	0.0814	2.15	1.00 - 5.00
6-00207	60319	Bi-214	1.07	0.0291	0.0505	1.59	1.00 - 5.00
6-00207	60319	Cd-113m	49.9 U	132	41.5	3030	1.00 - 5.00
6-00207	60319	Cm-243/244	0.0023 U	0.0116	0.0029	0.0443	1.00 - 5.00
6-00207	60319	Co-60	0.0043 U	0.0197	0.0058	0.028	1.00 - 5.00
6-00207	60319	Cs-134	-0.0034 U	0.0151	0.0053	0.0864	1.00 - 5.00
6-00207	60319	Cs-137	0.0143 J	0.0191	0.0071	0.207	1.00 - 5.00
6-00207	60319	Eu-152	0.0044 U	0.0493	0.0143	0.0566	1.00 - 5.00
6-00207	60319	Eu-154	0.0293 UJ	0.106	0.0354	0.15	1.00 - 5.00
6-00207	60319	Eu-155	0.0551 JS	0.0706	0.0241	0.231	1.00 - 5.00
6-00207	60319	Ho-166m	-0.0066 U	0.0271	0.0085	0.0432	1.00 - 5.00
6-00207	60319	K-40	25.3	0.146	1.44	32.4	1.00 - 5.00
6-00207	60319	Na-22	0.0042 U	0.0231	0.0079	0.037	1.00 - 5.00
6-00207	60319	Nb-94	0.0041 U	0.0162	0.0049	0.0214	1.00 - 5.00
6-00207	60319	Np-236	0.0032 U	0.0373	0.0109	0.047	1.00 - 5.00
6-00207	60319	Np-239	-0.0628 U	0.129	0.0426	0.139	1.00 - 5.00
6-00207	60319	Pa-231	0.105 U	0.815	0.25	0.936	1.00 - 5.00
6-00207	60319	Pb-212	1.55	0.034	0.0926	2.69	1.00 - 5.00
6-00207	60319	Pb-214	1.16	0.033	0.0557	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00207	60319	Pu-236	0.0034 U	0.0303	0.0074	7.79	1.00 - 5.00
6-00207	60319	Pu-238	-0.0123 U	0.0418	0.0084	0.0415	1.00 - 5.00
6-00207	60319	Pu-239/240	0.0088	0.0079	0.0051	0.0404	1.00 - 5.00
6-00207	60319	Pu-244	0.0029	0.0079	0.0029	0.0313	1.00 - 5.00
6-00207	60319	Sb-125	-0.01 U	0.0443	0.0133	0.354	1.00 - 5.00
6-00207	60319	Sn-126	-0.0027 U	0.0182	0.0056	0.0237	1.00 - 5.00
6-00207	60319	Sr-90	0.0141 U	0.253	0.0705	0.485	1.00 - 5.00
6-00207	60319	Th-228	1.3 J	0.174	0.153	3.98	1.00 - 5.00
6-00207	60319	Th-229	0.0209 UJ	0.182	0.0491	0.145	1.00 - 5.00
6-00207	60319	Th-230	0.888	0.126	0.116	2.2	1.00 - 5.00
6-00207	60319	Th-232	1.02	0.0767	0.123	3.1	1.00 - 5.00
6-00207	60319	Th-234	1.52 J	0.294	0.163	3.19	1.00 - 5.00
6-00207	60319	Tl-208	0.475	0.0174	0.027	0.937	1.00 - 5.00
6-00207	60319	Tm-171	-2.15 U	14	4.86	72.4	1.00 - 5.00
6-00207	60319	U-233/234	0.926	0.0157	0.1	2.02	1.00 - 5.00
6-00207	60319	U-235/236	0.0789	0.0194	0.0245	0.151	1.00 - 5.00
6-00207	60319	U-238	0.905	0.0157	0.0986	1.8	1.00 - 5.00
6-00208	60320	Ac-227	0.0208 U	0.167	0.0485	0.217	1.00 - 5.00
6-00208	60320	Ac-228	1.08	0.085	0.053	2.4	1.00 - 5.00
6-00208	60320	Am-241	-0.0045 UJ	0.0473	0.0098	0.0454	1.00 - 5.00
6-00208	60320	Bi-212	0.795	0.111	0.0769	2.15	1.00 - 5.00
6-00208	60320	Bi-214	0.887	0.0252	0.042	1.59	1.00 - 5.00
6-00208	60320	Cd-113m	-25.1 U	110	32.6	3030	1.00 - 5.00
6-00208	60320	Cm-243/244	-0.009 UJ	0.0476	0.0088	0.0443	1.00 - 5.00
6-00208	60320	Co-60	0.0046 U	0.0155	0.0046	0.028	1.00 - 5.00
6-00208	60320	Cs-134	0.0043 U	0.0128	0.0044	0.0864	1.00 - 5.00
6-00208	60320	Cs-137	0.0203	0.0154	0.0057	0.207	1.00 - 5.00
6-00208	60320	Eu-152	0.0215 J	0.0406	0.0141	0.0566	1.00 - 5.00
6-00208	60320	Eu-154	-0.0277 U	0.0862	0.0266	0.15	1.00 - 5.00
6-00208	60320	Eu-155	0.107 SJ	0.0569	0.027	0.231	1.00 - 5.00
6-00208	60320	Ho-166m	0.0037 U	0.0231	0.007	0.0432	1.00 - 5.00
6-00208	60320	K-40	21.9	0.0914	1.23	32.4	1.00 - 5.00
6-00208	60320	Na-22	0.0079 U	0.0193	0.0059	0.037	1.00 - 5.00
6-00208	60320	Nb-94	0.0026 U	0.013	0.0039	0.0214	1.00 - 5.00
6-00208	60320	Np-236	0.0045 U	0.0313	0.0095	0.047	1.00 - 5.00
6-00208	60320	Np-239	-0.0084 U	0.111	0.0346	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00208	60320	Pa-231	0.177 U	0.696	0.205	0.936	1.00 - 5.00
6-00208	60320	Pb-212	1.2	0.0289	0.0706	2.69	1.00 - 5.00
6-00208	60320	Pb-214	1	0.0279	0.0471	1.7	1.00 - 5.00
6-00208	60320	Pu-236	0.0036 U	0.0325	0.0085	7.79	1.00 - 5.00
6-00208	60320	Pu-238	-0.0082 U	0.0248	0.0043	0.0415	1.00 - 5.00
6-00208	60320	Pu-239/240	-0.0066 U	0.0228	0.004	0.0404	1.00 - 5.00
6-00208	60320	Pu-244	0.0068	0.0062	0.004	0.0313	1.00 - 5.00
6-00208	60320	Sb-125	0.0242 SJ	0.0393	0.0126	0.354	1.00 - 5.00
6-00208	60320	Sn-126	-0.001 U	0.0143	0.0044	0.0237	1.00 - 5.00
6-00208	60320	Sr-90	0.169	0.273	0.0867	0.485	1.00 - 5.00
6-00208	60320	Th-228	1.01	0.127	0.109	3.98	1.00 - 5.00
6-00208	60320	Th-229	0.0069	0.0186	0.0069	0.145	1.00 - 5.00
6-00208	60320	Th-230	0.732	0.0504	0.0835	2.2	1.00 - 5.00
6-00208	60320	Th-232	0.928	0.0185	0.0965	3.1	1.00 - 5.00
6-00208	60320	Th-234	1.45 J	0.244	0.147	3.19	1.00 - 5.00
6-00208	60320	Tl-208	0.358	0.0144	0.0208	0.937	1.00 - 5.00
6-00208	60320	Tm-171	-2.95 U	10.7	3.66	72.4	1.00 - 5.00
6-00208	60320	U-233/234	0.901	0.045	0.0946	2.02	1.00 - 5.00
6-00208	60320	U-235/236	0.0491	0.0166	0.0177	0.151	1.00 - 5.00
6-00208	60320	U-238	0.828	0.0392	0.0887	1.8	1.00 - 5.00
6-00209	60321	Ac-227	-0.0928 U	0.221	0.0703	0.217	1.00 - 5.00
6-00209	60321	Ac-228	1.33	0.105	0.0673	2.4	1.00 - 5.00
6-00209	60321	Am-241	0.0029 U	0.0226	0.0057	0.0454	1.00 - 5.00
6-00209	60321	Bi-212	0.907 J	0.146	0.0912	2.15	1.00 - 5.00
6-00209	60321	Bi-214	0.851	0.0321	0.0429	1.59	1.00 - 5.00
6-00209	60321	Cd-113m	-62.4 U	148	51.8	3030	1.00 - 5.00
6-00209	60321	Cm-243/244	-0.0073 U	0.0285	0.0058	0.0443	1.00 - 5.00
6-00209	60321	Co-60	-0.0021 U	0.0191	0.0056	0.028	1.00 - 5.00
6-00209	60321	Cs-134	0.0015 U	0.0161	0.0054	0.0864	1.00 - 5.00
6-00209	60321	Cs-137	0.0053 U	0.0204	0.006	0.207	1.00 - 5.00
6-00209	60321	Eu-152	0.0043 U	0.0551	0.0191	0.0566	1.00 - 5.00
6-00209	60321	Eu-154	-0.0258 UJ	0.105	0.0322	0.15	1.00 - 5.00
6-00209	60321	Eu-155	0.0463 JS	0.0823	0.0274	0.231	1.00 - 5.00
6-00209	60321	Ho-166m	-0.0041 U	0.0293	0.0087	0.0432	1.00 - 5.00
6-00209	60321	K-40	21.4	0.144	1.41	32.4	1.00 - 5.00
6-00209	60321	Na-22	-0.0106 U	0.0223	0.0071	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00209	60321	Nb-94	0.0023 U	0.0176	0.0051	0.0214	1.00 - 5.00
6-00209	60321	Np-236	-0.0253 U	0.0434	0.0142	0.047	1.00 - 5.00
6-00209	60321	Np-239	-0.0421 U	0.152	0.0468	0.139	1.00 - 5.00
6-00209	60321	Pa-231	-0.414 U	0.94	0.345	0.936	1.00 - 5.00
6-00209	60321	Pb-212	1.59	0.0388	0.106	2.69	1.00 - 5.00
6-00209	60321	Pb-214	0.985	0.0389	0.0505	1.7	1.00 - 5.00
6-00209	60321	Pu-236	-0.0001 U	0.0412	0.0098	7.79	1.00 - 5.00
6-00209	60321	Pu-238	0.0193	0.0087	0.008	0.0415	1.00 - 5.00
6-00209	60321	Pu-239/240	-0.0037 U	0.0291	0.0051	0.0404	1.00 - 5.00
6-00209	60321	Pu-244	0	0.0087	0.0032	0.0313	1.00 - 5.00
6-00209	60321	Sb-125	0.0176 U	0.0503	0.0155	0.354	1.00 - 5.00
6-00209	60321	Sn-126	-0.0028 U	0.0191	0.0057	0.0237	1.00 - 5.00
6-00209	60321	Sr-90	-0.0319 U	0.263	0.0705	0.485	1.00 - 5.00
6-00209	60321	Th-228	1.52	0.111	0.141	3.98	1.00 - 5.00
6-00209	60321	Th-229	0.0354	0.085	0.0256	0.145	1.00 - 5.00
6-00209	60321	Th-230	0.727	0.052	0.0839	2.2	1.00 - 5.00
6-00209	60321	Th-232	1.28	0.0191	0.121	3.1	1.00 - 5.00
6-00209	60321	Th-234	1.5 J	0.358	0.182	3.19	1.00 - 5.00
6-00209	60321	Tl-208	0.448	0.0186	0.026	0.937	1.00 - 5.00
6-00209	60321	Tm-171	-11.2 U	17.4	6.78	72.4	1.00 - 5.00
6-00209	60321	U-233/234	0.714	0.062	0.0938	2.02	1.00 - 5.00
6-00209	60321	U-235/236	0.0097	0.0263	0.0097	0.151	1.00 - 5.00
6-00209	60321	U-238	0.692	0.0213	0.091	1.8	1.00 - 5.00
6-00210	60322	Ac-227	0.012 U	0.192	0.0558	0.217	1.00 - 5.00
6-00210	60322	Ac-228	1.31	0.101	0.0627	2.4	1.00 - 5.00
6-00210	60322	Am-241	0.011	0.006	0.005	0.0454	1.00 - 5.00
6-00210	60322	Bi-212	0.966	0.128	0.0812	2.15	1.00 - 5.00
6-00210	60322	Bi-214	0.99	0.0287	0.0472	1.59	1.00 - 5.00
6-00210	60322	Cd-113m	49.3 U	128	39.6	3030	1.00 - 5.00
6-00210	60322	Cm-243/244	0.0021 U	0.0275	0.0069	0.0443	1.00 - 5.00
6-00210	60322	Co-60	-0.0013 U	0.0173	0.0052	0.028	1.00 - 5.00
6-00210	60322	Cs-134	0.0063 U	0.0149	0.0052	0.0864	1.00 - 5.00
6-00210	60322	Cs-137	0.0233	0.0182	0.006	0.207	1.00 - 5.00
6-00210	60322	Eu-152	0.0012 U	0.045	0.016	0.0566	1.00 - 5.00
6-00210	60322	Eu-154	-0.0455 UJ	0.097	0.0312	0.15	1.00 - 5.00
6-00210	60322	Eu-155	0.0671 JS	0.065	0.028	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00210	60322	Ho-166m	0.0062 U	0.026	0.0079	0.0432	1.00 - 5.00
6-00210	60322	K-40	24.8	0.119	1.39	32.4	1.00 - 5.00
6-00210	60322	Na-22	0.0022 U	0.0212	0.0063	0.037	1.00 - 5.00
6-00210	60322	Nb-94	0.0103 JS	0.0154	0.0051	0.0214	1.00 - 5.00
6-00210	60322	Np-236	0.0129 U	0.036	0.0112	0.047	1.00 - 5.00
6-00210	60322	Np-239	-0.02 U	0.124	0.0391	0.139	1.00 - 5.00
6-00210	60322	Pa-231	-0.239 U	0.767	0.233	0.936	1.00 - 5.00
6-00210	60322	Pb-212	1.47	0.0324	0.0865	2.69	1.00 - 5.00
6-00210	60322	Pb-214	1.18	0.0319	0.0562	1.7	1.00 - 5.00
6-00210	60322	Pu-236	0.0043 U	0.0216	0.0054	7.79	1.00 - 5.00
6-00210	60322	Pu-238	-0.0024 U	0.0209	0.0041	0.0415	1.00 - 5.00
6-00210	60322	Pu-239/240	-0.0024 U	0.0209	0.0041	0.0404	1.00 - 5.00
6-00210	60322	Pu-244	0	0.0089	0.0033	0.0313	1.00 - 5.00
6-00210	60322	Sb-125	0.0169 U	0.0436	0.0133	0.354	1.00 - 5.00
6-00210	60322	Sn-126	-0.003 U	0.0166	0.0052	0.0237	1.00 - 5.00
6-00210	60322	Sr-90	0.047 U	0.274	0.0783	0.485	1.00 - 5.00
6-00210	60322	Th-228	1.25	0.114	0.125	3.98	1.00 - 5.00
6-00210	60322	Th-229	-0.0217 U	0.102	0.0217	0.145	1.00 - 5.00
6-00210	60322	Th-230	1.01	0.0945	0.106	2.2	1.00 - 5.00
6-00210	60322	Th-232	1.32	0.0529	0.125	3.1	1.00 - 5.00
6-00210	60322	Th-234	1.54 J	0.288	0.163	3.19	1.00 - 5.00
6-00210	60322	Tl-208	0.461	0.0165	0.026	0.937	1.00 - 5.00
6-00210	60322	Tm-171	-5.22 U	12.2	4.27	72.4	1.00 - 5.00
6-00210	60322	U-233/234	0.914	0.063	0.1	2.02	1.00 - 5.00
6-00210	60322	U-235/236	0.0643	0.0194	0.022	0.151	1.00 - 5.00
6-00210	60322	U-238	0.873	0.0157	0.0959	1.8	1.00 - 5.00
6-00211	60323	Ac-227	-0.0524 U	0.146	0.0467	0.217	0.00 - 0.50
6-00211	60323	Ac-228	1.22	0.0707	0.0573	2.4	0.00 - 0.50
6-00211	60323	Am-241	-0.0046 U	0.0264	0.0063	0.0454	0.00 - 0.50
6-00211	60323	Bi-212	0.824	0.101	0.0638	2.15	0.00 - 0.50
6-00211	60323	Bi-214	1.01	0.0223	0.0451	1.59	0.00 - 0.50
6-00211	60323	Cd-113m	-28.1 U	99	32.2	3030	0.00 - 0.50
6-00211	60323	Cm-243/244	0.0031 U	0.0164	0.0043	0.0443	0.00 - 0.50
6-00211	60323	Co-60	-0.0028 U	0.013	0.0039	0.028	0.00 - 0.50
6-00211	60323	Cs-134	0.0057 JS	0.0113	0.004	0.0864	0.00 - 0.50
6-00211	60323	Cs-137	0.105	0.0129	0.0095	0.207	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00211	60323	Eu-152	-0.0086 U	0.0355	0.0178	0.0566	0.00 - 0.50
6-00211	60323	Eu-154	0.0416 J	0.0756	0.0275	0.15	0.00 - 0.50
6-00211	60323	Eu-155	0.0525 JS	0.0543	0.0206	0.231	0.00 - 0.50
6-00211	60323	Ho-166m	-0.0054 U	0.0196	0.0061	0.0432	0.00 - 0.50
6-00211	60323	K-40	23.1	0.0955	1.33	32.4	0.00 - 0.50
6-00211	60323	Na-22	-0.0032 U	0.0159	0.0056	0.037	0.00 - 0.50
6-00211	60323	Nb-94	0.0064 JS	0.0118	0.0038	0.0214	0.00 - 0.50
6-00211	60323	Np-236	0.0019 U	0.0287	0.0085	0.047	0.00 - 0.50
6-00211	60323	Np-239	0.0135 U	0.0991	0.0302	0.139	0.00 - 0.50
6-00211	60323	Pa-231	-0.0853 U	0.616	0.197	0.936	0.00 - 0.50
6-00211	60323	Pb-212	1.41	0.0256	0.0849	2.69	0.00 - 0.50
6-00211	60323	Pb-214	1.14	0.0259	0.053	1.7	0.00 - 0.50
6-00211	60323	Pu-236	-0.0046 U	0.02	0.004	7.79	0.00 - 0.50
6-00211	60323	Pu-238	0 U	0.0134	0.0029	0.0415	0.00 - 0.50
6-00211	60323	Pu-239/240	0.0029 U	0.0156	0.0041	0.0404	0.00 - 0.50
6-00211	60323	Pu-244	0.0043	0.0106	0.0032	0.0313	0.00 - 0.50
6-00211	60323	Sb-125	0.0013 U	0.0339	0.0099	0.354	0.00 - 0.50
6-00211	60323	Sn-126	-0.0017 U	0.0127	0.0038	0.0237	0.00 - 0.50
6-00211	60323	Sr-90	0.0125 U	0.0859	0.0238	0.485	0.00 - 0.50
6-00211	60323	Th-228	1.59	0.0897	0.15	3.98	0.00 - 0.50
6-00211	60323	Th-229	0 U	0.102	0.0247	0.145	0.00 - 0.50
6-00211	60323	Th-230	0.927	0.0211	0.101	2.2	0.00 - 0.50
6-00211	60323	Th-232	1.4	0.021	0.133	3.1	0.00 - 0.50
6-00211	60323	Th-234	1.68	0.222	0.151	3.19	0.00 - 0.50
6-00211	60323	Tl-208	0.442	0.0127	0.0244	0.937	0.00 - 0.50
6-00211	60323	Tm-171	-13.2 UJ	10.6	5	72.4	0.00 - 0.50
6-00211	60323	U-233/234	1.11	0.0613	0.127	2.02	0.00 - 0.50
6-00211	60323	U-235/236	0.0123 U	0.0612	0.0153	0.151	0.00 - 0.50
6-00211	60323	U-238	1.14	0.0211	0.129	1.8	0.00 - 0.50
6-00211	60324	Ac-227	-0.0852 U	0.147	0.0488	0.217	1.00 - 2.75
6-00211	60324	Ac-228	1.28	0.0773	0.0597	2.4	1.00 - 2.75
6-00211	60324	Am-241	0.0049	0.0136	0.004	0.0454	1.00 - 2.75
6-00211	60324	Bi-212	0.829	0.104	0.0666	2.15	1.00 - 2.75
6-00211	60324	Bi-214	0.875	0.0235	0.0412	1.59	1.00 - 2.75
6-00211	60324	Cd-113m	-0.318 U	98.8	30.3	3030	1.00 - 2.75
6-00211	60324	Cm-243/244	0.0088	0.0215	0.0065	0.0443	1.00 - 2.75

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00211	60324	Co-60	0.0089 J	0.015	0.0048	0.028	1.00 - 2.75
6-00211	60324	Cs-134	-0.0012 U	0.0117	0.004	0.0864	1.00 - 2.75
6-00211	60324	Cs-137	-0.0107 UJ	0.013	0.0047	0.207	1.00 - 2.75
6-00211	60324	Eu-152	-0.0176 U	0.0359	0.0121	0.0566	1.00 - 2.75
6-00211	60324	Eu-154	-0.0211 U	0.0779	0.0235	0.15	1.00 - 2.75
6-00211	60324	Eu-155	0.0596 JS	0.0521	0.018	0.231	1.00 - 2.75
6-00211	60324	Ho-166m	0.0096 U	0.0216	0.0067	0.0432	1.00 - 2.75
6-00211	60324	K-40	20.5	0.105	1.22	32.4	1.00 - 2.75
6-00211	60324	Na-22	0.0045 U	0.0171	0.0051	0.037	1.00 - 2.75
6-00211	60324	Nb-94	0.0074 JS	0.0125	0.004	0.0214	1.00 - 2.75
6-00211	60324	Np-236	0.0003 U	0.0282	0.0086	0.047	1.00 - 2.75
6-00211	60324	Np-239	-0.0276 U	0.0994	0.0302	0.139	1.00 - 2.75
6-00211	60324	Pa-231	-0.26 U	0.592	0.195	0.936	1.00 - 2.75
6-00211	60324	Pb-212	1.46	0.0248	0.0969	2.69	1.00 - 2.75
6-00211	60324	Pb-214	0.982	0.0254	0.0507	1.7	1.00 - 2.75
6-00211	60324	Pu-236	0	0.0064	0.0024	7.79	1.00 - 2.75
6-00211	60324	Pu-238	0.0091	0.0062	0.0046	0.0415	1.00 - 2.75
6-00211	60324	Pu-239/240	0.0055 U	0.0248	0.0067	0.0404	1.00 - 2.75
6-00211	60324	Pu-244	0.0042 U	0.0206	0.0054	0.0313	1.00 - 2.75
6-00211	60324	Sb-125	-0.0025 U	0.0339	0.0104	0.354	1.00 - 2.75
6-00211	60324	Sn-126	0.0073 J	0.014	0.0044	0.0237	1.00 - 2.75
6-00211	60324	Sr-90	0.0093 U	0.185	0.0495	0.485	1.00 - 2.75
6-00211	60324	Th-228	1.39	0.0675	0.13	3.98	1.00 - 2.75
6-00211	60324	Th-229	-0.0069 U	0.083	0.0183	0.145	1.00 - 2.75
6-00211	60324	Th-230	0.889	0.0187	0.0939	2.2	1.00 - 2.75
6-00211	60324	Th-232	1.11	0.0186	0.109	3.1	1.00 - 2.75
6-00211	60324	Th-234	1.38	0.231	0.137	3.19	1.00 - 2.75
6-00211	60324	Tl-208	0.475	0.0137	0.0259	0.937	1.00 - 2.75
6-00211	60324	Tm-171	-8.4 U	11.6	4.4	72.4	1.00 - 2.75
6-00211	60324	U-233/234	0.94	0.0186	0.0811	2.02	1.00 - 2.75
6-00211	60324	U-235/236	0.0719	0.0085	0.0158	0.151	1.00 - 2.75
6-00211	60324	U-238	0.943	0.0186	0.0813	1.8	1.00 - 2.75
6-00212	60325	Ac-227	-0.0509 U	0.172	0.0525	0.217	0.00 - 0.50
6-00212	60325	Ac-228	1.05	0.0999	0.0515	2.4	0.00 - 0.50
6-00212	60325	Am-241	-0.0007 UJ	0.0399	0.0083	0.0454	0.00 - 0.50
6-00212	60325	Bi-212	0.762	0.128	0.0752	2.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00212	60325	Bi-214	0.914	0.028	0.0436	1.59	0.00 - 0.50
6-00212	60325	Cd-113m	10.9 U	119	36.4	3030	0.00 - 0.50
6-00212	60325	Cm-243/244	0.0025 UJ	0.0351	0.0078	0.0443	0.00 - 0.50
6-00212	60325	Co-60	0.0041 U	0.018	0.0053	0.028	0.00 - 0.50
6-00212	60325	Cs-134	-0.0027 U	0.0139	0.0048	0.0864	0.00 - 0.50
6-00212	60325	Cs-137	0.513	0.0168	0.0302	0.207	0.00 - 0.50
6-00212	60325	Eu-152	-0.0457 UJ	0.0426	0.0175	0.0566	0.00 - 0.50
6-00212	60325	Eu-154	0.0018 U	0.0991	0.0286	0.15	0.00 - 0.50
6-00212	60325	Eu-155	0.047 JS	0.0613	0.0206	0.231	0.00 - 0.50
6-00212	60325	Ho-166m	-0.0087 U	0.0246	0.0077	0.0432	0.00 - 0.50
6-00212	60325	K-40	20.9	0.123	1.13	32.4	0.00 - 0.50
6-00212	60325	Na-22	-0.0092 U	0.021	0.0067	0.037	0.00 - 0.50
6-00212	60325	Nb-94	0.0051 U	0.0154	0.0046	0.0214	0.00 - 0.50
6-00212	60325	Np-236	-0.0004 U	0.033	0.01	0.047	0.00 - 0.50
6-00212	60325	Np-239	-0.0272 U	0.116	0.0348	0.139	0.00 - 0.50
6-00212	60325	Pa-231	-0.177 U	0.731	0.222	0.936	0.00 - 0.50
6-00212	60325	Pb-212	1.25	0.0312	0.0724	2.69	0.00 - 0.50
6-00212	60325	Pb-214	0.97	0.0323	0.047	1.7	0.00 - 0.50
6-00212	60325	Pu-236	-0.0125 UJ	0.056	0.0119	7.79	0.00 - 0.50
6-00212	60325	Pu-238	-0.0176 UJ	0.0878	0.0222	0.0415	0.00 - 0.50
6-00212	60325	Pu-239/240	0.0068 UJ	0.0334	0.0087	0.0404	0.00 - 0.50
6-00212	60325	Pu-244	-0.0027 UJ	0.0235	0.0046	0.0313	0.00 - 0.50
6-00212	60325	Sb-125	-0.0006 U	0.0433	0.0131	0.354	0.00 - 0.50
6-00212	60325	Sn-126	-0.0039 U	0.0164	0.005	0.0237	0.00 - 0.50
6-00212	60325	Sr-90	-0.0326 U	0.228	0.0607	0.485	0.00 - 0.50
6-00212	60325	Th-228	1.23	0.0913	0.122	3.98	0.00 - 0.50
6-00212	60325	Th-229	0 U	0.075	0.0171	0.145	0.00 - 0.50
6-00212	60325	Th-230	1.11	0.0188	0.109	2.2	0.00 - 0.50
6-00212	60325	Th-232	1.29	0.0188	0.12	3.1	0.00 - 0.50
6-00212	60325	Th-234	1.35	0.259	0.135	3.19	0.00 - 0.50
6-00212	60325	Tl-208	0.412	0.0166	0.0246	0.937	0.00 - 0.50
6-00212	60325	Tm-171	3.63 U	10.8	3.64	72.4	0.00 - 0.50
6-00212	60325	U-233/234	1.08	0.0764	0.12	2.02	0.00 - 0.50
6-00212	60325	U-235/236	0.0173	0.0235	0.0123	0.151	0.00 - 0.50
6-00212	60325	U-238	1	0.0447	0.114	1.8	0.00 - 0.50
6-00212	60326	Ac-227	-0.0616 U	0.22	0.0688	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00212	60326	Ac-228	1.7	0.111	0.0814	2.4	1.00 - 5.00
6-00212	60326	Am-241	0.0057 U	0.0181	0.0051	0.0454	1.00 - 5.00
6-00212	60326	Bi-212	1.25	0.149	0.101	2.15	1.00 - 5.00
6-00212	60326	Bi-214	1.37	0.0335	0.0632	1.59	1.00 - 5.00
6-00212	60326	Cd-113m	30.4 U	150	49.5	3030	1.00 - 5.00
6-00212	60326	Cm-243/244	0.0017 U	0.0182	0.0043	0.0443	1.00 - 5.00
6-00212	60326	Co-60	-0.0013 U	0.0193	0.0057	0.028	1.00 - 5.00
6-00212	60326	Cs-134	-0.0008 U	0.0172	0.0059	0.0864	1.00 - 5.00
6-00212	60326	Cs-137	0.0032 U	0.02	0.0069	0.207	1.00 - 5.00
6-00212	60326	Eu-152	-0.0061 U	0.0552	0.0196	0.0566	1.00 - 5.00
6-00212	60326	Eu-154	0.0182 UJ	0.108	0.0361	0.15	1.00 - 5.00
6-00212	60326	Eu-155	0.121 JS	0.0756	0.027	0.231	1.00 - 5.00
6-00212	60326	Ho-166m	-0.0094 U	0.031	0.0097	0.0432	1.00 - 5.00
6-00212	60326	K-40	23.8	0.154	1.42	32.4	1.00 - 5.00
6-00212	60326	Na-22	-0.0032 U	0.0236	0.0071	0.037	1.00 - 5.00
6-00212	60326	Nb-94	0.0035 U	0.0182	0.0055	0.0214	1.00 - 5.00
6-00212	60326	Np-236	-0.0066 U	0.0419	0.0125	0.047	1.00 - 5.00
6-00212	60326	Np-239	-0.039 U	0.152	0.0471	0.139	1.00 - 5.00
6-00212	60326	Pa-231	-0.148 U	0.922	0.294	0.936	1.00 - 5.00
6-00212	60326	Pb-212	1.91	0.039	0.117	2.69	1.00 - 5.00
6-00212	60326	Pb-214	1.53	0.0389	0.0739	1.7	1.00 - 5.00
6-00212	60326	Pu-236	0.0013 UJ	0.0355	0.0084	7.79	1.00 - 5.00
6-00212	60326	Pu-238	0.0039 UJ	0.0412	0.0105	0.0415	1.00 - 5.00
6-00212	60326	Pu-239/240	0.0027 UJ	0.0285	0.0067	0.0404	1.00 - 5.00
6-00212	60326	Pu-244	0.0009 UJ	0.0201	0.0039	0.0313	1.00 - 5.00
6-00212	60326	Sb-125	0.0303 JS	0.0517	0.0164	0.354	1.00 - 5.00
6-00212	60326	Sn-126	-0.0002 U	0.0196	0.0059	0.0237	1.00 - 5.00
6-00212	60326	Sr-90	-0.0852 U	0.357	0.0966	0.485	1.00 - 5.00
6-00212	60326	Th-228	1.36	0.118	0.132	3.98	1.00 - 5.00
6-00212	60326	Th-229	0.0709	0.0764	0.0287	0.145	1.00 - 5.00
6-00212	60326	Th-230	1.12	0.0521	0.111	2.2	1.00 - 5.00
6-00212	60326	Th-232	1.45	0.052	0.133	3.1	1.00 - 5.00
6-00212	60326	Th-234	2.23	0.318	0.184	3.19	1.00 - 5.00
6-00212	60326	Tl-208	0.584	0.0197	0.0328	0.937	1.00 - 5.00
6-00212	60326	Tm-171	7.76 J	13.7	5.08	72.4	1.00 - 5.00
6-00212	60326	U-233/234	1.66	0.0879	0.179	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00212	60326	U-235/236	0.068	0.069	0.0302	0.151	1.00 - 5.00
6-00212	60326	U-238	1.32	0.0558	0.15	1.8	1.00 - 5.00
6-00213	60327	Ac-227	0.0089 U	0.177	0.0512	0.217	0.00 - 0.50
6-00213	60327	Ac-228	1.22	0.0873	0.0591	2.4	0.00 - 0.50
6-00213	60327	Am-241	0.0024 U	0.0214	0.0053	0.0454	0.00 - 0.50
6-00213	60327	Bi-212	0.872	0.128	0.0753	2.15	0.00 - 0.50
6-00213	60327	Bi-214	0.828	0.0281	0.0397	1.59	0.00 - 0.50
6-00213	60327	Cd-113m	1.98 U	116	33.7	3030	0.00 - 0.50
6-00213	60327	Cm-243/244	-0.0025 U	0.0194	0.0034	0.0443	0.00 - 0.50
6-00213	60327	Co-60	-0.0045 U	0.0165	0.0051	0.028	0.00 - 0.50
6-00213	60327	Cs-134	0.0026 U	0.0139	0.0047	0.0864	0.00 - 0.50
6-00213	60327	Cs-137	0.019 J	0.0168	0.0069	0.207	0.00 - 0.50
6-00213	60327	Eu-152	0.0109 U	0.0426	0.0152	0.0566	0.00 - 0.50
6-00213	60327	Eu-154	-0.0325 U	0.0874	0.0273	0.15	0.00 - 0.50
6-00213	60327	Eu-155	0.0854 JS	0.0595	0.0254	0.231	0.00 - 0.50
6-00213	60327	Ho-166m	-0.0054 U	0.023	0.0072	0.0432	0.00 - 0.50
6-00213	60327	K-40	18.8	0.108	1.06	32.4	0.00 - 0.50
6-00213	60327	Na-22	-0.0071 U	0.0187	0.006	0.037	0.00 - 0.50
6-00213	60327	Nb-94	0.0043 U	0.0141	0.0043	0.0214	0.00 - 0.50
6-00213	60327	Np-236	-0.0013 U	0.0322	0.0097	0.047	0.00 - 0.50
6-00213	60327	Np-239	0.0261 U	0.117	0.0364	0.139	0.00 - 0.50
6-00213	60327	Pa-231	0.29 U	0.734	0.221	0.936	0.00 - 0.50
6-00213	60327	Pb-212	1.46	0.0306	0.0859	2.69	0.00 - 0.50
6-00213	60327	Pb-214	0.992	0.0302	0.0478	1.7	0.00 - 0.50
6-00213	60327	Pu-236	-0.0125 U	0.0527	0.0121	7.79	0.00 - 0.50
6-00213	60327	Pu-238	0.0013 U	0.0485	0.0126	0.0415	0.00 - 0.50
6-00213	60327	Pu-239/240	0.0031 U	0.028	0.0069	0.0404	0.00 - 0.50
6-00213	60327	Pu-244	0.0028	0.0076	0.0028	0.0313	0.00 - 0.50
6-00213	60327	Sb-125	-0.0056 U	0.0399	0.0119	0.354	0.00 - 0.50
6-00213	60327	Sn-126	0.0024 U	0.0151	0.0046	0.0237	0.00 - 0.50
6-00213	60327	Sr-90	-0.0971 U	0.23	0.0568	0.485	0.00 - 0.50
6-00213	60327	Th-228	1.48	0.056	0.137	3.98	0.00 - 0.50
6-00213	60327	Th-229	-0.007 U	0.0751	0.0156	0.145	0.00 - 0.50
6-00213	60327	Th-230	0.87	0.0189	0.0929	2.2	0.00 - 0.50
6-00213	60327	Th-232	1.23	0.0645	0.118	3.1	0.00 - 0.50
6-00213	60327	Th-234	1.37 J	0.258	0.139	3.19	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00213	60327	Tl-208	0.449	0.0148	0.0257	0.937	0.00 - 0.50
6-00213	60327	Tm-171	0.648 U	11.5	3.81	72.4	0.00 - 0.50
6-00213	60327	U-233/234	0.647	0.0463	0.0787	2.02	0.00 - 0.50
6-00213	60327	U-235/236	0.0218	0.0197	0.0127	0.151	0.00 - 0.50
6-00213	60327	U-238	0.828	0.0159	0.0929	1.8	0.00 - 0.50
6-00213	60328	Ac-227	0.0095 U	0.234	0.0722	0.217	1.00 - 5.00
6-00213	60328	Ac-228	1.26	0.112	0.063	2.4	1.00 - 5.00
6-00213	60328	Am-241	0.0024 U	0.0217	0.0053	0.0454	1.00 - 5.00
6-00213	60328	Bi-212	0.835	0.154	0.0764	2.15	1.00 - 5.00
6-00213	60328	Bi-214	1.15	0.0357	0.0551	1.59	1.00 - 5.00
6-00213	60328	Cd-113m	-47 U	156	49.8	3030	1.00 - 5.00
6-00213	60328	Cm-243/244	-0.0019 U	0.0219	0.0044	0.0443	1.00 - 5.00
6-00213	60328	Co-60	-0.001 U	0.0216	0.0063	0.028	1.00 - 5.00
6-00213	60328	Cs-134	-0.0002 U	0.0175	0.0059	0.0864	1.00 - 5.00
6-00213	60328	Cs-137	0.013	0.0224	0.0085	0.207	1.00 - 5.00
6-00213	60328	Eu-152	-0.0038 U	0.0579	0.0189	0.0566	1.00 - 5.00
6-00213	60328	Eu-154	0.0475 UJ	0.125	0.0441	0.15	1.00 - 5.00
6-00213	60328	Eu-155	0.11 JS	0.0906	0.0376	0.231	1.00 - 5.00
6-00213	60328	Ho-166m	-0.0055 U	0.0315	0.0094	0.0432	1.00 - 5.00
6-00213	60328	K-40	25.7	0.164	1.6	32.4	1.00 - 5.00
6-00213	60328	Na-22	-0.0058 U	0.0266	0.008	0.037	1.00 - 5.00
6-00213	60328	Nb-94	-0.0012 U	0.0182	0.0054	0.0214	1.00 - 5.00
6-00213	60328	Np-236	0.0165 U	0.0471	0.0144	0.047	1.00 - 5.00
6-00213	60328	Np-239	0.0325 U	0.157	0.0486	0.139	1.00 - 5.00
6-00213	60328	Pa-231	0.139 U	1	0.31	0.936	1.00 - 5.00
6-00213	60328	Pb-212	1.51	0.0408	0.1	2.69	1.00 - 5.00
6-00213	60328	Pb-214	1.28	0.0399	0.0654	1.7	1.00 - 5.00
6-00213	60328	Pu-236	-0.0071 UJ	0.0378	0.0066	7.79	1.00 - 5.00
6-00213	60328	Pu-238	0.0087 UJ	0.0396	0.0107	0.0415	1.00 - 5.00
6-00213	60328	Pu-239/240	0.0067 UJ	0.0328	0.0086	0.0404	1.00 - 5.00
6-00213	60328	Pu-244	0.0046 UJ	0.0231	0.0058	0.0313	1.00 - 5.00
6-00213	60328	Sb-125	0.0259 U	0.0543	0.017	0.354	1.00 - 5.00
6-00213	60328	Sn-126	-0.0074 U	0.0201	0.0062	0.0237	1.00 - 5.00
6-00213	60328	Sr-90	-0.0349 U	0.31	0.0838	0.485	1.00 - 5.00
6-00213	60328	Th-228	1.36	0.093	0.132	3.98	1.00 - 5.00
6-00213	60328	Th-229	0.0073 U	0.079	0.0194	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00213	60328	Th-230	1.04	0.0198	0.106	2.2	1.00 - 5.00
6-00213	60328	Th-232	1.15	0.0198	0.113	3.1	1.00 - 5.00
6-00213	60328	Th-234	2.03 J	0.389	0.221	3.19	1.00 - 5.00
6-00213	60328	Tl-208	0.457	0.0197	0.0267	0.937	1.00 - 5.00
6-00213	60328	Tm-171	-15.5 U	22.4	8.43	72.4	1.00 - 5.00
6-00213	60328	U-233/234	1.08	0.0681	0.112	2.02	1.00 - 5.00
6-00213	60328	U-235/236	0.0698	0.0432	0.0236	0.151	1.00 - 5.00
6-00213	60328	U-238	1.11	0.0433	0.113	1.8	1.00 - 5.00
6-00214	60329	Ac-227	-0.0107 U	0.179	0.0521	0.217	1.00 - 1.80
6-00214	60329	Ac-228	1.45	0.0888	0.0676	2.4	1.00 - 1.80
6-00214	60329	Am-241	0.0119	0.0169	0.0061	0.0454	1.00 - 1.80
6-00214	60329	Bi-212	1.02	0.121	0.0788	2.15	1.00 - 1.80
6-00214	60329	Bi-214	1.04	0.0283	0.0477	1.59	1.00 - 1.80
6-00214	60329	Cd-113m	-42.6 U	114	35	3030	1.00 - 1.80
6-00214	60329	Cm-243/244	0.0028 U	0.0138	0.0034	0.0443	1.00 - 1.80
6-00214	60329	Co-60	-0.004 U	0.0157	0.0049	0.028	1.00 - 1.80
6-00214	60329	Cs-134	0.0034 U	0.0139	0.0048	0.0864	1.00 - 1.80
6-00214	60329	Cs-137	0.0056 U	0.0158	0.0055	0.207	1.00 - 1.80
6-00214	60329	Eu-152	0.0122 U	0.0435	0.0146	0.0566	1.00 - 1.80
6-00214	60329	Eu-154	-0.0662 UJ	0.0885	0.0315	0.15	1.00 - 1.80
6-00214	60329	Eu-155	0.0861 J	0.0607	0.0234	0.231	1.00 - 1.80
6-00214	60329	Ho-166m	-0.0077 U	0.024	0.0077	0.0432	1.00 - 1.80
6-00214	60329	K-40	21.9	0.107	1.23	32.4	1.00 - 1.80
6-00214	60329	Na-22	0.0055 U	0.0193	0.0058	0.037	1.00 - 1.80
6-00214	60329	Nb-94	0.0101 J	0.0147	0.0049	0.0214	1.00 - 1.80
6-00214	60329	Np-236	-0.0054 U	0.033	0.0101	0.047	1.00 - 1.80
6-00214	60329	Np-239	-0.0494 U	0.117	0.0388	0.139	1.00 - 1.80
6-00214	60329	Pa-231	-0.301 U	0.709	0.222	0.936	1.00 - 1.80
6-00214	60329	Pb-212	1.59	0.0307	0.0934	2.69	1.00 - 1.80
6-00214	60329	Pb-214	1.18	0.0306	0.0548	1.7	1.00 - 1.80
6-00214	60329	Pu-236	-0.0022 UJ	0.0192	0.0037	7.79	1.00 - 1.80
6-00214	60329	Pu-238	-0.0042 UJ	0.0228	0.0041	0.0415	1.00 - 1.80
6-00214	60329	Pu-239/240	0.0016 UJ	0.0228	0.005	0.0404	1.00 - 1.80
6-00214	60329	Pu-244	-0.0021 UJ	0.0184	0.0036	0.0313	1.00 - 1.80
6-00214	60329	Sb-125	0.0003 U	0.0413	0.0122	0.354	1.00 - 1.80
6-00214	60329	Sn-126	-0.0017 UJ	0.016	0.0049	0.0237	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00214	60329	Sr-90	-0.0238 U	0.403	0.105	0.485	1.00 - 1.80
6-00214	60329	Th-228	1.5 J	0.158	0.159	3.98	1.00 - 1.80
6-00214	60329	Th-229	0.0467 UJ	0.163	0.0468	0.145	1.00 - 1.80
6-00214	60329	Th-230	1.01	0.112	0.118	2.2	1.00 - 1.80
6-00214	60329	Th-232	1.38	0.0684	0.143	3.1	1.00 - 1.80
6-00214	60329	Th-234	1.46	0.267	0.14	3.19	1.00 - 1.80
6-00214	60329	Tl-208	0.513	0.0155	0.0283	0.937	1.00 - 1.80
6-00214	60329	Tm-171	-8.68 U	11.4	4.37	72.4	1.00 - 1.80
6-00214	60329	U-233/234	0.967	0.0491	0.102	2.02	1.00 - 1.80
6-00214	60329	U-235/236	0.0536	0.0182	0.0194	0.151	1.00 - 1.80
6-00214	60329	U-238	0.936	0.0428	0.0994	1.8	1.00 - 1.80
6-00215	60330	Ac-227	0.0441 U	0.263	0.0783	0.217	0.00 - 0.50
6-00215	60330	Ac-228	1.63	0.121	0.0802	2.4	0.00 - 0.50
6-00215	60330	Am-241	-0.0084 U	0.0283	0.0066	0.0454	0.00 - 0.50
6-00215	60330	Bi-212	0.975	0.163	0.0943	2.15	0.00 - 0.50
6-00215	60330	Bi-214	1.37	0.0381	0.0642	1.59	0.00 - 0.50
6-00215	60330	Cd-113m	-83.1 U	177	65	3030	0.00 - 0.50
6-00215	60330	Cm-243/244	0.0043 U	0.0132	0.0038	0.0443	0.00 - 0.50
6-00215	60330	Co-60	0.0048 U	0.0217	0.0064	0.028	0.00 - 0.50
6-00215	60330	Cs-134	0.0969 ZJS	0.0245	0.0241	0.0864	0.00 - 0.50
6-00215	60330	Cs-137	0.494	0.0206	0.0314	0.207	0.00 - 0.50
6-00215	60330	Eu-152	-0.0135 UJ	0.0645	0.0384	0.0566	0.00 - 0.50
6-00215	60330	Eu-154	0.0261 U	0.119	0.036	0.15	0.00 - 0.50
6-00215	60330	Eu-155	-0.0313 UJ	0.0968	0.0306	0.231	0.00 - 0.50
6-00215	60330	Ho-166m	0.0059 U	0.0325	0.0098	0.0432	0.00 - 0.50
6-00215	60330	K-40	26.7	0.151	1.73	32.4	0.00 - 0.50
6-00215	60330	Na-22	-0.0117 U	0.0252	0.0081	0.037	0.00 - 0.50
6-00215	60330	Nb-94	0.0067 U	0.019	0.0059	0.0214	0.00 - 0.50
6-00215	60330	Np-236	-0.0028 UJ	0.0514	0.0157	0.047	0.00 - 0.50
6-00215	60330	Np-239	-0.0498 U	0.179	0.0565	0.139	0.00 - 0.50
6-00215	60330	Pa-231	0.0119 U	1.12	0.387	0.936	0.00 - 0.50
6-00215	60330	Pb-212	1.98	0.0463	0.141	2.69	0.00 - 0.50
6-00215	60330	Pb-214	1.61	0.0453	0.0828	1.7	0.00 - 0.50
6-00215	60330	Pu-236	0.0015 U	0.016	0.0039	7.79	0.00 - 0.50
6-00215	60330	Pu-238	-0.0014 U	0.017	0.0037	0.0415	0.00 - 0.50
6-00215	60330	Pu-239/240	0.007	0.0152	0.0047	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00215	60330	Pu-244	0.0014 U	0.0131	0.0032	0.0313	0.00 - 0.50
6-00215	60330	Sb-125	-0.0096 U	0.0604	0.0182	0.354	0.00 - 0.50
6-00215	60330	Sn-126	0.0021 U	0.0215	0.0064	0.0237	0.00 - 0.50
6-00215	60330	Sr-90	-0.0159 U	0.141	0.038	0.485	0.00 - 0.50
6-00215	60330	Th-228	1.34	0.123	0.128	3.98	0.00 - 0.50
6-00215	60330	Th-229	0.0264 U	0.0711	0.0209	0.145	0.00 - 0.50
6-00215	60330	Th-230	0.922	0.0178	0.0943	2.2	0.00 - 0.50
6-00215	60330	Th-232	1.22	0.0178	0.114	3.1	0.00 - 0.50
6-00215	60330	Th-234	1.31 J	0.517	0.361	3.19	0.00 - 0.50
6-00215	60330	Tl-208	0.578	0.0212	0.0331	0.937	0.00 - 0.50
6-00215	60330	Tm-171	10.4 U	27	9.84	72.4	0.00 - 0.50
6-00215	60330	U-233/234	1.16	0.081	0.133	2.02	0.00 - 0.50
6-00215	60330	U-235/236	0.0455	0.0787	0.0267	0.151	0.00 - 0.50
6-00215	60330	U-238	1.33	0.0514	0.146	1.8	0.00 - 0.50
6-00215	60331	Ac-227	0.0358 U	0.188	0.0571	0.217	1.00 - 5.00
6-00215	60331	Ac-228	1.31	0.0937	0.0641	2.4	1.00 - 5.00
6-00215	60331	Am-241	0.0026 U	0.0129	0.0032	0.0454	1.00 - 5.00
6-00215	60331	Bi-212	0.968	0.124	0.0827	2.15	1.00 - 5.00
6-00215	60331	Bi-214	0.967	0.0285	0.0466	1.59	1.00 - 5.00
6-00215	60331	Cd-113m	5.8 U	122	40	3030	1.00 - 5.00
6-00215	60331	Cm-243/244	0.0038 U	0.0185	0.0048	0.0443	1.00 - 5.00
6-00215	60331	Co-60	-0.0092 U	0.0159	0.0054	0.028	1.00 - 5.00
6-00215	60331	Cs-134	0.0066 U	0.0146	0.0051	0.0864	1.00 - 5.00
6-00215	60331	Cs-137	0.0053 U	0.0166	0.0057	0.207	1.00 - 5.00
6-00215	60331	Eu-152	-0.0275 UJ	0.0446	0.0174	0.0566	1.00 - 5.00
6-00215	60331	Eu-154	0.0162 U	0.0909	0.0305	0.15	1.00 - 5.00
6-00215	60331	Eu-155	0.108 JS	0.064	0.0251	0.231	1.00 - 5.00
6-00215	60331	Ho-166m	-0.0042 U	0.0252	0.0077	0.0432	1.00 - 5.00
6-00215	60331	K-40	22.7	0.138	1.36	32.4	1.00 - 5.00
6-00215	60331	Na-22	-0.0069 U	0.0204	0.0064	0.037	1.00 - 5.00
6-00215	60331	Nb-94	0.0117 JS	0.0155	0.0052	0.0214	1.00 - 5.00
6-00215	60331	Np-236	-0.0152 U	0.0349	0.0113	0.047	1.00 - 5.00
6-00215	60331	Np-239	-0.0233 U	0.126	0.0386	0.139	1.00 - 5.00
6-00215	60331	Pa-231	-0.0198 U	0.785	0.248	0.936	1.00 - 5.00
6-00215	60331	Pb-212	1.53	0.0326	0.0936	2.69	1.00 - 5.00
6-00215	60331	Pb-214	1.09	0.0334	0.0534	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00215	60331	Pu-236	0.0025 UJ	0.0269	0.0063	7.79	1.00 - 5.00
6-00215	60331	Pu-238	0.0065	0.0182	0.0054	0.0415	1.00 - 5.00
6-00215	60331	Pu-239/240	0.0114	0.0077	0.0057	0.0404	1.00 - 5.00
6-00215	60331	Pu-244	0	0.0077	0.0029	0.0313	1.00 - 5.00
6-00215	60331	Sb-125	-0.0189 U	0.0421	0.0133	0.354	1.00 - 5.00
6-00215	60331	Sn-126	0 U	0.0165	0.005	0.0237	1.00 - 5.00
6-00215	60331	Sr-90	-0.023 U	0.186	0.047	0.485	1.00 - 5.00
6-00215	60331	Th-228	1.44 J	0.114	0.157	3.98	1.00 - 5.00
6-00215	60331	Th-229	0.0201 UJ	0.074	0.0201	0.145	1.00 - 5.00
6-00215	60331	Th-230	1.2	0.0272	0.134	2.2	1.00 - 5.00
6-00215	60331	Th-232	1.35	0.0271	0.145	3.1	1.00 - 5.00
6-00215	60331	Th-234	1.88	0.271	0.155	3.19	1.00 - 5.00
6-00215	60331	Tl-208	0.45	0.0162	0.0262	0.937	1.00 - 5.00
6-00215	60331	Tm-171	-3.99 U	11.2	4.08	72.4	1.00 - 5.00
6-00215	60331	U-233/234	1.15	0.0628	0.121	2.02	1.00 - 5.00
6-00215	60331	U-235/236	0.0418	0.0844	0.0265	0.151	1.00 - 5.00
6-00215	60331	U-238	1.13	0.017	0.119	1.8	1.00 - 5.00
6-00216	60332	Ac-227	-0.0102 U	0.147	0.0448	0.217	0.00 - 0.50
6-00216	60332	Ac-228	1.4	0.0708	0.0656	2.4	0.00 - 0.50
6-00216	60332	Am-241	0.007	0.0038	0.0031	0.0454	0.00 - 0.50
6-00216	60332	Bi-212	0.927	0.104	0.0711	2.15	0.00 - 0.50
6-00216	60332	Bi-214	1.1	0.0233	0.0487	1.59	0.00 - 0.50
6-00216	60332	Cd-113m	39.9 U	98.4	32.1	3030	0.00 - 0.50
6-00216	60332	Cm-243/244	0.0056	0.0104	0.0035	0.0443	0.00 - 0.50
6-00216	60332	Co-60	0.003 U	0.0135	0.0041	0.028	0.00 - 0.50
6-00216	60332	Cs-134	0.0007 U	0.0117	0.0041	0.0864	0.00 - 0.50
6-00216	60332	Cs-137	0.143	0.013	0.0095	0.207	0.00 - 0.50
6-00216	60332	Eu-152	0.0032 U	0.036	0.0127	0.0566	0.00 - 0.50
6-00216	60332	Eu-154	-0.0641 UJ	0.0758	0.0277	0.15	0.00 - 0.50
6-00216	60332	Eu-155	0.0709 JS	0.0505	0.0162	0.231	0.00 - 0.50
6-00216	60332	Ho-166m	-0.0052 U	0.0203	0.0063	0.0432	0.00 - 0.50
6-00216	60332	K-40	27	0.097	1.59	32.4	0.00 - 0.50
6-00216	60332	Na-22	-0.0049 U	0.0163	0.0051	0.037	0.00 - 0.50
6-00216	60332	Nb-94	-0.0019 U	0.0115	0.0035	0.0214	0.00 - 0.50
6-00216	60332	Np-236	-0.0029 U	0.0275	0.0082	0.047	0.00 - 0.50
6-00216	60332	Np-239	0.0409 U	0.0994	0.0314	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00216	60332	Pa-231	-0.218 U	0.608	0.201	0.936	0.00 - 0.50
6-00216	60332	Pb-212	1.59	0.0256	0.0967	2.69	0.00 - 0.50
6-00216	60332	Pb-214	1.28	0.0259	0.0604	1.7	0.00 - 0.50
6-00216	60332	Pu-236	0.0026 U	0.0139	0.0036	7.79	0.00 - 0.50
6-00216	60332	Pu-238	-0.0037 U	0.0173	0.0037	0.0415	0.00 - 0.50
6-00216	60332	Pu-239/240	0.0098	0.0033	0.0035	0.0404	0.00 - 0.50
6-00216	60332	Pu-244	0.0074	0.0033	0.003	0.0313	0.00 - 0.50
6-00216	60332	Sb-125	-0.0077 U	0.0343	0.0103	0.354	0.00 - 0.50
6-00216	60332	Sn-126	-0.0017 U	0.0132	0.004	0.0237	0.00 - 0.50
6-00216	60332	Sr-90	-0.0045 U	0.112	0.0299	0.485	0.00 - 0.50
6-00216	60332	Th-228	0.948	0.0776	0.102	3.98	0.00 - 0.50
6-00216	60332	Th-229	0.0133 U	0.0491	0.0134	0.145	0.00 - 0.50
6-00216	60332	Th-230	0.685	0.0716	0.0806	2.2	0.00 - 0.50
6-00216	60332	Th-232	0.835	0.018	0.0896	3.1	0.00 - 0.50
6-00216	60332	Th-234	1.66	0.209	0.123	3.19	0.00 - 0.50
6-00216	60332	Tl-208	0.491	0.0129	0.0266	0.937	0.00 - 0.50
6-00216	60332	Tm-171	-0.907 U	8.86	3.12	72.4	0.00 - 0.50
6-00216	60332	U-233/234	0.961	0.0496	0.114	2.02	0.00 - 0.50
6-00216	60332	U-235/236	0.0177 U	0.087	0.0227	0.151	0.00 - 0.50
6-00216	60332	U-238	0.99	0.0496	0.117	1.8	0.00 - 0.50
6-00216	60333	Ac-227	-0.0019 U	0.134	0.0398	0.217	1.00 - 1.80
6-00216	60333	Ac-228	1.38	0.0734	0.0615	2.4	1.00 - 1.80
6-00216	60333	Am-241	0.0032 U	0.0158	0.0039	0.0454	1.00 - 1.80
6-00216	60333	Bi-212	0.973	0.099	0.0678	2.15	1.00 - 1.80
6-00216	60333	Bi-214	1.13	0.022	0.0499	1.59	1.00 - 1.80
6-00216	60333	Cd-113m	24.3 U	91	31	3030	1.00 - 1.80
6-00216	60333	Cm-243/244	-0.0047 U	0.025	0.0044	0.0443	1.00 - 1.80
6-00216	60333	Co-60	0.0013 UJ	0.013	0.0039	0.028	1.00 - 1.80
6-00216	60333	Cs-134	0.004 U	0.011	0.0038	0.0864	1.00 - 1.80
6-00216	60333	Cs-137	0.0005 UJ	0.0133	0.0045	0.207	1.00 - 1.80
6-00216	60333	Eu-152	-0.0209 U	0.0335	0.0117	0.0566	1.00 - 1.80
6-00216	60333	Eu-154	0.022 U	0.0713	0.0241	0.15	1.00 - 1.80
6-00216	60333	Eu-155	0.0849 JS	0.0469	0.0221	0.231	1.00 - 1.80
6-00216	60333	Ho-166m	-0.0027 U	0.02	0.006	0.0432	1.00 - 1.80
6-00216	60333	K-40	21.6	0.0965	1.16	32.4	1.00 - 1.80
6-00216	60333	Na-22	0.0017 U	0.0151	0.0052	0.037	1.00 - 1.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00216	60333	Nb-94	0.0028 U	0.0115	0.0035	0.0214	1.00 - 1.80
6-00216	60333	Np-236	-0.0153 U	0.0254	0.0086	0.047	1.00 - 1.80
6-00216	60333	Np-239	0.0182 U	0.0896	0.0266	0.139	1.00 - 1.80
6-00216	60333	Pa-231	0.157 U	0.567	0.172	0.936	1.00 - 1.80
6-00216	60333	Pb-212	1.54	0.0229	0.0876	2.69	1.00 - 1.80
6-00216	60333	Pb-214	1.11	0.0243	0.0511	1.7	1.00 - 1.80
6-00216	60333	Pu-236	0.0115	0.0138	0.0056	7.79	1.00 - 1.80
6-00216	60333	Pu-238	0.009	0.0134	0.005	0.0415	1.00 - 1.80
6-00216	60333	Pu-239/240	0.006 U	0.019	0.0054	0.0404	1.00 - 1.80
6-00216	60333	Pu-244	-0.006 U	0.021	0.0037	0.0313	1.00 - 1.80
6-00216	60333	Sb-125	0.0028 U	0.033	0.01	0.354	1.00 - 1.80
6-00216	60333	Sn-126	0.0008 U	0.013	0.0039	0.0237	1.00 - 1.80
6-00216	60333	Sr-90	0.151	0.244	0.0781	0.485	1.00 - 1.80
6-00216	60333	Th-228	1.56	0.0991	0.137	3.98	1.00 - 1.80
6-00216	60333	Th-229	0 U	0.0753	0.0177	0.145	1.00 - 1.80
6-00216	60333	Th-230	1.33	0.017	0.118	2.2	1.00 - 1.80
6-00216	60333	Th-232	1.31	0.0169	0.117	3.1	1.00 - 1.80
6-00216	60333	Th-234	1.67	0.205	0.124	3.19	1.00 - 1.80
6-00216	60333	Tl-208	0.493	0.0123	0.0262	0.937	1.00 - 1.80
6-00216	60333	Tm-171	0.962 U	8.27	2.76	72.4	1.00 - 1.80
6-00216	60333	U-233/234	1.12	0.0623	0.114	2.02	1.00 - 1.80
6-00216	60333	U-235/236	0.0583	0.0597	0.0238	0.151	1.00 - 1.80
6-00216	60333	U-238	1.21	0.0483	0.12	1.8	1.00 - 1.80
6-00217	60334	Ac-227	0.0235 U	0.233	0.0711	0.217	1.00 - 5.00
6-00217	60334	Ac-228	1.42	0.114	0.0721	2.4	1.00 - 5.00
6-00217	60334	Am-241	-0.0089 U	0.0268	0.0047	0.0454	1.00 - 5.00
6-00217	60334	Bi-212	1.02	0.152	0.0866	2.15	1.00 - 5.00
6-00217	60334	Bi-214	0.987	0.0352	0.0486	1.59	1.00 - 5.00
6-00217	60334	Cd-113m	-8.38 U	155	49.1	3030	1.00 - 5.00
6-00217	60334	Cm-243/244	0.0032 U	0.0157	0.0039	0.0443	1.00 - 5.00
6-00217	60334	Co-60	0.0114 J	0.0209	0.0064	0.028	1.00 - 5.00
6-00217	60334	Cs-134	-0.0021 U	0.0173	0.006	0.0864	1.00 - 5.00
6-00217	60334	Cs-137	0.0322	0.0209	0.0067	0.207	1.00 - 5.00
6-00217	60334	Eu-152	-0.0315 U	0.0555	0.0255	0.0566	1.00 - 5.00
6-00217	60334	Eu-154	0.0552 UJ	0.116	0.0348	0.15	1.00 - 5.00
6-00217	60334	Eu-155	0.118 JS	0.082	0.0313	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00217	60334	Ho-166m	0.0014 U	0.0302	0.009	0.0432	1.00 - 5.00
6-00217	60334	K-40	22.3	0.178	1.36	32.4	1.00 - 5.00
6-00217	60334	Na-22	0.0055 U	0.0253	0.0074	0.037	1.00 - 5.00
6-00217	60334	Nb-94	0.0106 JS	0.0185	0.0059	0.0214	1.00 - 5.00
6-00217	60334	Np-236	-0.0031 U	0.0447	0.0138	0.047	1.00 - 5.00
6-00217	60334	Np-239	-0.0333 U	0.156	0.0486	0.139	1.00 - 5.00
6-00217	60334	Pa-231	0.133 U	0.971	0.34	0.936	1.00 - 5.00
6-00217	60334	Pb-212	1.7	0.0402	0.104	2.69	1.00 - 5.00
6-00217	60334	Pb-214	1.14	0.0408	0.0563	1.7	1.00 - 5.00
6-00217	60334	Pu-236	0.01	0.0278	0.0082	7.79	1.00 - 5.00
6-00217	60334	Pu-238	0.0066 UJ	0.0333	0.0085	0.0415	1.00 - 5.00
6-00217	60334	Pu-239/240	-0.0061 UJ	0.0333	0.006	0.0404	1.00 - 5.00
6-00217	60334	Pu-244	0.0042	0.0114	0.0042	0.0313	1.00 - 5.00
6-00217	60334	Sb-125	0.006 U	0.0527	0.0154	0.354	1.00 - 5.00
6-00217	60334	Sn-126	0.0017 U	0.02	0.0059	0.0237	1.00 - 5.00
6-00217	60334	Sr-90	-0.0312 U	0.349	0.0969	0.485	1.00 - 5.00
6-00217	60334	Th-228	1.29	0.07	0.136	3.98	1.00 - 5.00
6-00217	60334	Th-229	0.0273 UJ	0.26	0.0733	0.145	1.00 - 5.00
6-00217	60334	Th-230	1.02	0.0667	0.116	2.2	1.00 - 5.00
6-00217	60334	Th-232	1.32	0.0665	0.136	3.1	1.00 - 5.00
6-00217	60334	Th-234	1.59 J	0.368	0.186	3.19	1.00 - 5.00
6-00217	60334	Tl-208	0.463	0.0203	0.0271	0.937	1.00 - 5.00
6-00217	60334	Tm-171	-4.43 U	18	6.16	72.4	1.00 - 5.00
6-00217	60334	U-233/234	0.751	0.0477	0.088	2.02	1.00 - 5.00
6-00217	60334	U-235/236	0.0224	0.0203	0.013	0.151	1.00 - 5.00
6-00217	60334	U-238	0.833	0.0547	0.0949	1.8	1.00 - 5.00
6-00218	60335	Ac-227	-0.0312 U	0.13	0.0453	0.217	0.00 - 0.50
6-00218	60335	Ac-228	1.31	0.0627	0.0591	2.4	0.00 - 0.50
6-00218	60335	Am-241	0.0097	0.0044	0.004	0.0454	0.00 - 0.50
6-00218	60335	Bi-212	0.86	0.0891	0.0639	2.15	0.00 - 0.50
6-00218	60335	Bi-214	1.14	0.0203	0.0489	1.59	0.00 - 0.50
6-00218	60335	Cd-113m	18.4 U	86.5	31.8	3030	0.00 - 0.50
6-00218	60335	Cm-243/244	-0.0016 U	0.0175	0.0036	0.0443	0.00 - 0.50
6-00218	60335	Co-60	-0.0016 U	0.0114	0.0035	0.028	0.00 - 0.50
6-00218	60335	Cs-134	0.0001 U	0.0104	0.0035	0.0864	0.00 - 0.50
6-00218	60335	Cs-137	0.025	0.011	0.0049	0.207	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00218	60335	Eu-152	-0.014 UJ	0.0311	0.0108	0.0566	0.00 - 0.50
6-00218	60335	Eu-154	-0.0083 U	0.0644	0.0225	0.15	0.00 - 0.50
6-00218	60335	Eu-155	0.0409 JS	0.0471	0.0152	0.231	0.00 - 0.50
6-00218	60335	Ho-166m	-0.0018 U	0.0174	0.0052	0.0432	0.00 - 0.50
6-00218	60335	K-40	22.9	0.0793	1.29	32.4	0.00 - 0.50
6-00218	60335	Na-22	0.0031 U	0.0135	0.0045	0.037	0.00 - 0.50
6-00218	60335	Nb-94	0.0035 U	0.0102	0.0031	0.0214	0.00 - 0.50
6-00218	60335	Np-236	-0.0107 UJ	0.0254	0.0079	0.047	0.00 - 0.50
6-00218	60335	Np-239	-0.0034 U	0.0874	0.0261	0.139	0.00 - 0.50
6-00218	60335	Pa-231	0.004 U	0.536	0.167	0.936	0.00 - 0.50
6-00218	60335	Pb-212	1.51	0.0229	0.0945	2.69	0.00 - 0.50
6-00218	60335	Pb-214	1.24	0.0223	0.0585	1.7	0.00 - 0.50
6-00218	60335	Pu-236	0.0017 U	0.0121	0.0029	7.79	0.00 - 0.50
6-00218	60335	Pu-238	0.0031 U	0.0116	0.0031	0.0415	0.00 - 0.50
6-00218	60335	Pu-239/240	0.0016 U	0.0169	0.0042	0.0404	0.00 - 0.50
6-00218	60335	Pu-244	0.0047	0.0043	0.0027	0.0313	0.00 - 0.50
6-00218	60335	Sb-125	0.0047 U	0.03	0.0092	0.354	0.00 - 0.50
6-00218	60335	Sn-126	-0.002 U	0.0111	0.0033	0.0237	0.00 - 0.50
6-00218	60335	Sr-90	0.127	0.197	0.0631	0.485	0.00 - 0.50
6-00218	60335	Th-228	1.4	0.106	0.131	3.98	0.00 - 0.50
6-00218	60335	Th-229	-0.0066 U	0.0933	0.0219	0.145	0.00 - 0.50
6-00218	60335	Th-230	1.12	0.0179	0.108	2.2	0.00 - 0.50
6-00218	60335	Th-232	1.16	0.0178	0.11	3.1	0.00 - 0.50
6-00218	60335	Th-234	1.52	0.195	0.128	3.19	0.00 - 0.50
6-00218	60335	Tl-208	0.46	0.0114	0.0246	0.937	0.00 - 0.50
6-00218	60335	Tm-171	-4.86 U	8.45	3.19	72.4	0.00 - 0.50
6-00218	60335	U-233/234	0.835	0.0401	0.0786	2.02	0.00 - 0.50
6-00218	60335	U-235/236	0.0714	0.0362	0.0192	0.151	0.00 - 0.50
6-00218	60335	U-238	0.879	0.0498	0.0822	1.8	0.00 - 0.50
6-00219	60337	Ac-227	0.053 U	0.147	0.0459	0.217	0.00 - 0.50
6-00219	60337	Ac-228	1.23	0.0769	0.0574	2.4	0.00 - 0.50
6-00219	60337	Am-241	0 U	0.0127	0.0024	0.0454	0.00 - 0.50
6-00219	60337	Bi-212	0.934	0.102	0.0662	2.15	0.00 - 0.50
6-00219	60337	Bi-214	1.02	0.0237	0.046	1.59	0.00 - 0.50
6-00219	60337	Cd-113m	8.25 U	97.4	30.7	3030	0.00 - 0.50
6-00219	60337	Cm-243/244	0.0087	0.0127	0.0046	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00219	60337	Co-60	-0.0013 U	0.0141	0.0043	0.028	0.00 - 0.50
6-00219	60337	Cs-134	0.0128 JS	0.0122	0.005	0.0864	0.00 - 0.50
6-00219	60337	Cs-137	0.0194	0.0129	0.0053	0.207	0.00 - 0.50
6-00219	60337	Eu-152	0.0057 U	0.0359	0.0151	0.0566	0.00 - 0.50
6-00219	60337	Eu-154	-0.0234 U	0.0761	0.0235	0.15	0.00 - 0.50
6-00219	60337	Eu-155	0.0863 JS	0.051	0.0206	0.231	0.00 - 0.50
6-00219	60337	Ho-166m	0.0043 U	0.0205	0.0062	0.0432	0.00 - 0.50
6-00219	60337	K-40	25.1	0.0961	1.46	32.4	0.00 - 0.50
6-00219	60337	Na-22	-0.0163 UJ	0.0159	0.0063	0.037	0.00 - 0.50
6-00219	60337	Nb-94	0.0044 U	0.0118	0.0037	0.0214	0.00 - 0.50
6-00219	60337	Np-236	0.0043 U	0.0276	0.0084	0.047	0.00 - 0.50
6-00219	60337	Np-239	-0.0024 U	0.0982	0.0297	0.139	0.00 - 0.50
6-00219	60337	Pa-231	0.0877 U	0.61	0.186	0.936	0.00 - 0.50
6-00219	60337	Pb-212	1.44	0.0257	0.0873	2.69	0.00 - 0.50
6-00219	60337	Pb-214	1.15	0.0247	0.0543	1.7	0.00 - 0.50
6-00219	60337	Pu-236	0 U	0.0116	0.0022	7.79	0.00 - 0.50
6-00219	60337	Pu-238	0 U	0.0138	0.003	0.0415	0.00 - 0.50
6-00219	60337	Pu-239/240	0.006 U	0.0179	0.0052	0.0404	0.00 - 0.50
6-00219	60337	Pu-244	0.0164	0.004	0.005	0.0313	0.00 - 0.50
6-00219	60337	Sb-125	0.0165 U	0.0343	0.0107	0.354	0.00 - 0.50
6-00219	60337	Sn-126	0.0045 U	0.0131	0.0041	0.0237	0.00 - 0.50
6-00219	60337	Sr-90	0.0181 U	0.136	0.0378	0.485	0.00 - 0.50
6-00219	60337	Th-228	1.45	0.0548	0.134	3.98	0.00 - 0.50
6-00219	60337	Th-229	-0.007 U	0.0914	0.0209	0.145	0.00 - 0.50
6-00219	60337	Th-230	0.988	0.0512	0.102	2.2	0.00 - 0.50
6-00219	60337	Th-232	1.24	0.0644	0.119	3.1	0.00 - 0.50
6-00219	60337	Th-234	1.46	0.223	0.125	3.19	0.00 - 0.50
6-00219	60337	Tl-208	0.444	0.0126	0.0245	0.937	0.00 - 0.50
6-00219	60337	Tm-171	-8.38 UJ	9.8	4	72.4	0.00 - 0.50
6-00219	60337	U-233/234	0.878	0.0518	0.0969	2.02	0.00 - 0.50
6-00219	60337	U-235/236	0.0283	0.0192	0.0143	0.151	0.00 - 0.50
6-00219	60337	U-238	0.784	0.0155	0.0887	1.8	0.00 - 0.50
6-00219	60338	Ac-227	0.0283 U	0.145	0.043	0.217	1.00 - 3.60
6-00219	60338	Ac-228	1.25	0.0782	0.0577	2.4	1.00 - 3.60
6-00219	60338	Am-241	0.0061	0.0119	0.004	0.0454	1.00 - 3.60
6-00219	60338	Bi-212	0.85	0.102	0.067	2.15	1.00 - 3.60

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00219	60338	Bi-214	1.06	0.0232	0.0474	1.59	1.00 - 3.60
6-00219	60338	Cd-113m	19.8 U	96.8	28.8	3030	1.00 - 3.60
6-00219	60338	Cm-243/244	0	0.0051	0.0019	0.0443	1.00 - 3.60
6-00219	60338	Co-60	0.0033 UJ	0.0148	0.0044	0.028	1.00 - 3.60
6-00219	60338	Cs-134	0.0015 U	0.0116	0.0039	0.0864	1.00 - 3.60
6-00219	60338	Cs-137	0.0048 UJ	0.0134	0.0046	0.207	1.00 - 3.60
6-00219	60338	Eu-152	-0.0127 U	0.0357	0.0116	0.0566	1.00 - 3.60
6-00219	60338	Eu-154	-0.0727 UJ	0.0763	0.029	0.15	1.00 - 3.60
6-00219	60338	Eu-155	0.0624 JS	0.0492	0.0194	0.231	1.00 - 3.60
6-00219	60338	Ho-166m	-0.0124 U	0.0207	0.007	0.0432	1.00 - 3.60
6-00219	60338	K-40	23.5	0.103	1.43	32.4	1.00 - 3.60
6-00219	60338	Na-22	-0.0092 U	0.017	0.0057	0.037	1.00 - 3.60
6-00219	60338	Nb-94	-0.0003 U	0.0121	0.0036	0.0214	1.00 - 3.60
6-00219	60338	Np-236	-0.0053 U	0.0267	0.0082	0.047	1.00 - 3.60
6-00219	60338	Np-239	-0.0198 U	0.0945	0.0282	0.139	1.00 - 3.60
6-00219	60338	Pa-231	0.41 J	0.604	0.201	0.936	1.00 - 3.60
6-00219	60338	Pb-212	1.45	0.0245	0.0856	2.69	1.00 - 3.60
6-00219	60338	Pb-214	1.12	0.026	0.0523	1.7	1.00 - 3.60
6-00219	60338	Pu-236	0.0012 U	0.0173	0.0038	7.79	1.00 - 3.60
6-00219	60338	Pu-238	0.0048	0.0135	0.004	0.0415	1.00 - 3.60
6-00219	60338	Pu-239/240	0.0027 U	0.0135	0.0034	0.0404	1.00 - 3.60
6-00219	60338	Pu-244	0.0021	0.0057	0.0021	0.0313	1.00 - 3.60
6-00219	60338	Sb-125	0.0089 U	0.0342	0.0105	0.354	1.00 - 3.60
6-00219	60338	Sn-126	0 U	0.0136	0.004	0.0237	1.00 - 3.60
6-00219	60338	Sr-90	-0.0468 U	0.285	0.0699	0.485	1.00 - 3.60
6-00219	60338	Th-228	1.27	0.0844	0.121	3.98	1.00 - 3.60
6-00219	60338	Th-229	0.0201 U	0.0621	0.0177	0.145	1.00 - 3.60
6-00219	60338	Th-230	1.08	0.0619	0.106	2.2	1.00 - 3.60
6-00219	60338	Th-232	1.26	0.0872	0.119	3.1	1.00 - 3.60
6-00219	60338	Th-234	1.73	0.214	0.152	3.19	1.00 - 3.60
6-00219	60338	Tl-208	0.442	0.0126	0.0241	0.937	1.00 - 3.60
6-00219	60338	Tm-171	2.61 U	11	3.64	72.4	1.00 - 3.60
6-00219	60338	U-233/234	0.937	0.0743	0.108	2.02	1.00 - 3.60
6-00219	60338	U-235/236	0.0253	0.0228	0.0147	0.151	1.00 - 3.60
6-00219	60338	U-238	1.02	0.0185	0.114	1.8	1.00 - 3.60
6-00220	60339	Ac-227	-0.0407 U	0.117	0.0362	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00220	60339	Ac-228	0.977	0.0637	0.0448	2.4	0.00 - 0.50
6-00220	60339	Am-241	0.0016 U	0.0148	0.0036	0.0454	0.00 - 0.50
6-00220	60339	Bi-212	0.708	0.0834	0.054	2.15	0.00 - 0.50
6-00220	60339	Bi-214	0.794	0.0192	0.0353	1.59	0.00 - 0.50
6-00220	60339	Cd-113m	25.1 U	79.9	27.1	3030	0.00 - 0.50
6-00220	60339	Cm-243/244	-0.0016 U	0.0193	0.0042	0.0443	0.00 - 0.50
6-00220	60339	Co-60	-0.0024 U	0.0119	0.0036	0.028	0.00 - 0.50
6-00220	60339	Cs-134	0.005 JS	0.0097	0.0035	0.0864	0.00 - 0.50
6-00220	60339	Cs-137	0.132	0.0112	0.009	0.207	0.00 - 0.50
6-00220	60339	Eu-152	-0.0137 UJ	0.0278	0.0101	0.0566	0.00 - 0.50
6-00220	60339	Eu-154	-0.0555 UJ	0.0627	0.0235	0.15	0.00 - 0.50
6-00220	60339	Eu-155	0.0482 JS	0.0396	0.0169	0.231	0.00 - 0.50
6-00220	60339	Ho-166m	0.0012 U	0.0163	0.0048	0.0432	0.00 - 0.50
6-00220	60339	K-40	24.7	0.0739	1.38	32.4	0.00 - 0.50
6-00220	60339	Na-22	0.0061 U	0.0145	0.0045	0.037	0.00 - 0.50
6-00220	60339	Nb-94	0.0024 U	0.0096	0.0028	0.0214	0.00 - 0.50
6-00220	60339	Np-236	-0.0094 UJ	0.0219	0.0074	0.047	0.00 - 0.50
6-00220	60339	Np-239	-0.0214 U	0.0779	0.0235	0.139	0.00 - 0.50
6-00220	60339	Pa-231	0.186 U	0.498	0.163	0.936	0.00 - 0.50
6-00220	60339	Pb-212	1.1	0.0204	0.0659	2.69	0.00 - 0.50
6-00220	60339	Pb-214	0.85	0.0202	0.0403	1.7	0.00 - 0.50
6-00220	60339	Pu-236	0.0036	0.0049	0.0025	7.79	0.00 - 0.50
6-00220	60339	Pu-238	-0.0017 U	0.0125	0.0024	0.0415	0.00 - 0.50
6-00220	60339	Pu-239/240	0.0017 U	0.0183	0.0045	0.0404	0.00 - 0.50
6-00220	60339	Pu-244	0.0034	0.0046	0.0024	0.0313	0.00 - 0.50
6-00220	60339	Sb-125	0.0055 U	0.0274	0.0083	0.354	0.00 - 0.50
6-00220	60339	Sn-126	-0.0007 U	0.0108	0.0032	0.0237	0.00 - 0.50
6-00220	60339	Sr-90	0.118 U	0.194	0.061	0.485	0.00 - 0.50
6-00220	60339	Th-228	0.959	0.103	0.104	3.98	0.00 - 0.50
6-00220	60339	Th-229	0.0274 U	0.0898	0.0257	0.145	0.00 - 0.50
6-00220	60339	Th-230	0.731	0.0634	0.0835	2.2	0.00 - 0.50
6-00220	60339	Th-232	1.11	0.0501	0.109	3.1	0.00 - 0.50
6-00220	60339	Th-234	1.06	0.171	0.101	3.19	0.00 - 0.50
6-00220	60339	Tl-208	0.325	0.0106	0.0182	0.937	0.00 - 0.50
6-00220	60339	Tm-171	-4.47 U	6.71	2.52	72.4	0.00 - 0.50
6-00220	60339	U-233/234	0.692	0.0228	0.0698	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00220	60339	U-235/236	0.0322	0.0281	0.0131	0.151	0.00 - 0.50
6-00220	60339	U-238	0.677	0.0282	0.0688	1.8	0.00 - 0.50
6-00220	60340	Ac-227	-0.0427 U	0.23	0.0818	0.217	1.00 - 2.00
6-00220	60340	Ac-228	1.58	0.106	0.0772	2.4	1.00 - 2.00
6-00220	60340	Am-241	0.0046	0.0129	0.0038	0.0454	1.00 - 2.00
6-00220	60340	Bi-212	0.991	0.146	0.0952	2.15	1.00 - 2.00
6-00220	60340	Bi-214	1.28	0.0327	0.0584	1.59	1.00 - 2.00
6-00220	60340	Cd-113m	-68.3 U	151	60.4	3030	1.00 - 2.00
6-00220	60340	Cm-243/244	-0.0012 U	0.0222	0.0048	0.0443	1.00 - 2.00
6-00220	60340	Co-60	-0.0066 U	0.0188	0.0059	0.028	1.00 - 2.00
6-00220	60340	Cs-134	-0.0055 U	0.0169	0.0061	0.0864	1.00 - 2.00
6-00220	60340	Cs-137	0.0034 U	0.0191	0.0066	0.207	1.00 - 2.00
6-00220	60340	Eu-152	0.0062 U	0.0562	0.0199	0.0566	1.00 - 2.00
6-00220	60340	Eu-154	-0.0417 U	0.106	0.033	0.15	1.00 - 2.00
6-00220	60340	Eu-155	0.075 J	0.083	0.0281	0.231	1.00 - 2.00
6-00220	60340	Ho-166m	-0.0047 U	0.0289	0.0088	0.0432	1.00 - 2.00
6-00220	60340	K-40	23.8	0.161	1.45	32.4	1.00 - 2.00
6-00220	60340	Na-22	-0.0094 U	0.0225	0.0072	0.037	1.00 - 2.00
6-00220	60340	Nb-94	0.0044 U	0.0174	0.0053	0.0214	1.00 - 2.00
6-00220	60340	Np-236	-0.0314 U	0.0441	0.0157	0.047	1.00 - 2.00
6-00220	60340	Np-239	-0.0344 U	0.158	0.0491	0.139	1.00 - 2.00
6-00220	60340	Pa-231	0.057 U	0.973	0.324	0.936	1.00 - 2.00
6-00220	60340	Pb-212	1.82	0.0402	0.112	2.69	1.00 - 2.00
6-00220	60340	Pb-214	1.48	0.0391	0.0698	1.7	1.00 - 2.00
6-00220	60340	Pu-236	0.0082	0.0159	0.0053	7.79	1.00 - 2.00
6-00220	60340	Pu-238	0.0007 U	0.0153	0.003	0.0415	1.00 - 2.00
6-00220	60340	Pu-239/240	0.0013 U	0.0189	0.0042	0.0404	1.00 - 2.00
6-00220	60340	Pu-244	0.0007 U	0.0152	0.003	0.0313	1.00 - 2.00
6-00220	60340	Sb-125	0.0033 U	0.0527	0.0155	0.354	1.00 - 2.00
6-00220	60340	Sn-126	-0.0135 UJ	0.0183	0.0065	0.0237	1.00 - 2.00
6-00220	60340	Sr-90	0.001 U	0.217	0.0559	0.485	1.00 - 2.00
6-00220	60340	Th-228	1.59	0.0808	0.145	3.98	1.00 - 2.00
6-00220	60340	Th-229	-0.007 U	0.0923	0.0211	0.145	1.00 - 2.00
6-00220	60340	Th-230	1.3	0.0756	0.123	2.2	1.00 - 2.00
6-00220	60340	Th-232	1.35	0.0515	0.126	3.1	1.00 - 2.00
6-00220	60340	Th-234	2.38	0.369	0.227	3.19	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00220	60340	Tl-208	0.529	0.0197	0.0297	0.937	1.00 - 2.00
6-00220	60340	Tm-171	-7.39 U	18.1	6.37	72.4	1.00 - 2.00
6-00220	60340	U-233/234	1.15	0.0307	0.112	2.02	1.00 - 2.00
6-00220	60340	U-235/236	0.0536	0.0161	0.0183	0.151	1.00 - 2.00
6-00220	60340	U-238	1.33	0.0131	0.125	1.8	1.00 - 2.00
6-00221	60341	Ac-227	0.0218 U	0.158	0.0469	0.217	1.00 - 2.00
6-00221	60341	Ac-228	0.967	0.0845	0.0477	2.4	1.00 - 2.00
6-00221	60341	Am-241	0.0149	0.021	0.0073	0.0454	1.00 - 2.00
6-00221	60341	Bi-212	0.704	0.113	0.0636	2.15	1.00 - 2.00
6-00221	60341	Bi-214	0.705	0.0242	0.0348	1.59	1.00 - 2.00
6-00221	60341	Cd-113m	-14.6 U	104	32.2	3030	1.00 - 2.00
6-00221	60341	Cm-243/244	-0.0007 U	0.0246	0.0056	0.0443	1.00 - 2.00
6-00221	60341	Co-60	0.0073 U	0.016	0.0049	0.028	1.00 - 2.00
6-00221	60341	Cs-134	0.0044 U	0.0123	0.0041	0.0864	1.00 - 2.00
6-00221	60341	Cs-137	0.0066 U	0.0153	0.0046	0.207	1.00 - 2.00
6-00221	60341	Eu-152	-0.0142 U	0.0388	0.0127	0.0566	1.00 - 2.00
6-00221	60341	Eu-154	-0.0437 U	0.0815	0.0271	0.15	1.00 - 2.00
6-00221	60341	Eu-155	0.0365 J	0.058	0.0198	0.231	1.00 - 2.00
6-00221	60341	Ho-166m	0.0012 U	0.0218	0.0063	0.0432	1.00 - 2.00
6-00221	60341	K-40	20.6	0.107	1.18	32.4	1.00 - 2.00
6-00221	60341	Na-22	0.0084 U	0.0188	0.0058	0.037	1.00 - 2.00
6-00221	60341	Nb-94	0.0063 J	0.0127	0.0039	0.0214	1.00 - 2.00
6-00221	60341	Np-236	-0.0082 U	0.0303	0.0091	0.047	1.00 - 2.00
6-00221	60341	Np-239	0.0298 U	0.108	0.0326	0.139	1.00 - 2.00
6-00221	60341	Pa-231	0.0392 U	0.656	0.202	0.936	1.00 - 2.00
6-00221	60341	Pb-212	1.11	0.0278	0.0702	2.69	1.00 - 2.00
6-00221	60341	Pb-214	0.787	0.027	0.0403	1.7	1.00 - 2.00
6-00221	60341	Pu-236	-0.0076 U	0.0229	0.004	7.79	1.00 - 2.00
6-00221	60341	Pu-238	-0.0067 U	0.0234	0.0041	0.0415	1.00 - 2.00
6-00221	60341	Pu-239/240	0.0011 U	0.0158	0.0035	0.0404	1.00 - 2.00
6-00221	60341	Pu-244	0.002	0.0054	0.002	0.0313	1.00 - 2.00
6-00221	60341	Sb-125	0.0182 J	0.0366	0.0116	0.354	1.00 - 2.00
6-00221	60341	Sn-126	0.004 UJ	0.0145	0.0049	0.0237	1.00 - 2.00
6-00221	60341	Sr-90	0.0655 U	0.297	0.0845	0.485	1.00 - 2.00
6-00221	60341	Th-228	1.34	0.0794	0.128	3.98	1.00 - 2.00
6-00221	60341	Th-229	0.0483	0.0744	0.0251	0.145	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00221	60341	Th-230	0.737	0.0507	0.0838	2.2	1.00 - 2.00
6-00221	60341	Th-232	1.11	0.0186	0.108	3.1	1.00 - 2.00
6-00221	60341	Th-234	1.16 J	0.238	0.118	3.19	1.00 - 2.00
6-00221	60341	Tl-208	0.33	0.0139	0.0192	0.937	1.00 - 2.00
6-00221	60341	Tm-171	-2.37 U	10.3	3.64	72.4	1.00 - 2.00
6-00221	60341	U-233/234	0.748	0.0511	0.086	2.02	1.00 - 2.00
6-00221	60341	U-235/236	0.0369	0.0445	0.018	0.151	1.00 - 2.00
6-00221	60341	U-238	0.766	0.0446	0.0872	1.8	1.00 - 2.00
6-00222	60342	Ac-227	-0.0151 U	0.19	0.0571	0.217	1.00 - 4.50
6-00222	60342	Ac-228	1.19	0.0838	0.0608	2.4	1.00 - 4.50
6-00222	60342	Am-241	0.0189	0.0165	0.0076	0.0454	1.00 - 4.50
6-00222	60342	Bi-212	0.823	0.127	0.0757	2.15	1.00 - 4.50
6-00222	60342	Bi-214	0.889	0.0268	0.0428	1.59	1.00 - 4.50
6-00222	60342	Cd-113m	-66.8 U	126	43.8	3030	1.00 - 4.50
6-00222	60342	Cm-243/244	0.0022 UJ	0.0236	0.0056	0.0443	1.00 - 4.50
6-00222	60342	Co-60	-0.0009 U	0.0158	0.0046	0.028	1.00 - 4.50
6-00222	60342	Cs-134	0.0078 J	0.0138	0.0049	0.0864	1.00 - 4.50
6-00222	60342	Cs-137	-0.0146 UJ	0.015	0.0057	0.207	1.00 - 4.50
6-00222	60342	Eu-152	0.0386 J	0.0459	0.0246	0.0566	1.00 - 4.50
6-00222	60342	Eu-154	0.0875 J	0.0966	0.0343	0.15	1.00 - 4.50
6-00222	60342	Eu-155	0.0446 J	0.0714	0.0243	0.231	1.00 - 4.50
6-00222	60342	Ho-166m	-0.0027 U	0.0241	0.0072	0.0432	1.00 - 4.50
6-00222	60342	K-40	20.9	0.111	1.37	32.4	1.00 - 4.50
6-00222	60342	Na-22	-0.0031 U	0.0198	0.0058	0.037	1.00 - 4.50
6-00222	60342	Nb-94	-0.0029 U	0.0137	0.0041	0.0214	1.00 - 4.50
6-00222	60342	Np-236	0.0006 U	0.0381	0.0112	0.047	1.00 - 4.50
6-00222	60342	Np-239	-0.0021 U	0.131	0.0391	0.139	1.00 - 4.50
6-00222	60342	Pa-231	-0.379 U	0.775	0.288	0.936	1.00 - 4.50
6-00222	60342	Pb-212	1.39	0.0334	0.0928	2.69	1.00 - 4.50
6-00222	60342	Pb-214	1.05	0.0323	0.0526	1.7	1.00 - 4.50
6-00222	60342	Pu-236	0.003 U	0.015	0.0038	7.79	1.00 - 4.50
6-00222	60342	Pu-238	0.0006 U	0.0144	0.0028	0.0415	1.00 - 4.50
6-00222	60342	Pu-239/240	-0.001 U	0.0178	0.0032	0.0404	1.00 - 4.50
6-00222	60342	Pu-244	0.0023	0.0061	0.0023	0.0313	1.00 - 4.50
6-00222	60342	Sb-125	-0.0004 U	0.042	0.0127	0.354	1.00 - 4.50
6-00222	60342	Sn-126	0.0001 UJ	0.0153	0.0045	0.0237	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00222	60342	Sr-90	-0.089 U	0.28	0.0695	0.485	1.00 - 4.50
6-00222	60342	Th-228	1.41	0.0611	0.138	3.98	1.00 - 4.50
6-00222	60342	Th-229	0.0233 U	0.0836	0.0233	0.145	1.00 - 4.50
6-00222	60342	Th-230	0.907	0.021	0.0997	2.2	1.00 - 4.50
6-00222	60342	Th-232	1.37	0.0718	0.132	3.1	1.00 - 4.50
6-00222	60342	Th-234	1.19 J	0.372	0.311	3.19	1.00 - 4.50
6-00222	60342	Tl-208	0.421	0.0147	0.0241	0.937	1.00 - 4.50
6-00222	60342	Tm-171	-7.54 U	15.4	5.1	72.4	1.00 - 4.50
6-00222	60342	U-233/234	0.839	0.0468	0.0905	2.02	1.00 - 4.50
6-00222	60342	U-235/236	0.0292	0.0504	0.0171	0.151	1.00 - 4.50
6-00222	60342	U-238	0.776	0.014	0.085	1.8	1.00 - 4.50
6-00223	60343	Ac-227	-0.0262 U	0.117	0.0369	0.217	1.00 - 3.50
6-00223	60343	Ac-228	1.1	0.0687	0.0515	2.4	1.00 - 3.50
6-00223	60343	Am-241	0.0028 U	0.0141	0.0035	0.0454	1.00 - 3.50
6-00223	60343	Bi-212	0.797	0.0946	0.0593	2.15	1.00 - 3.50
6-00223	60343	Bi-214	0.864	0.0204	0.041	1.59	1.00 - 3.50
6-00223	60343	Cd-113m	18.4 U	78.4	24.4	3030	1.00 - 3.50
6-00223	60343	Cm-243/244	0.0022	0.0061	0.0022	0.0443	1.00 - 3.50
6-00223	60343	Co-60	0.0021 U	0.0137	0.004	0.028	1.00 - 3.50
6-00223	60343	Cs-134	0.0047 U	0.0106	0.0037	0.0864	1.00 - 3.50
6-00223	60343	Cs-137	0.0057 U	0.0128	0.0039	0.207	1.00 - 3.50
6-00223	60343	Eu-152	0.0027 U	0.0302	0.01	0.0566	1.00 - 3.50
6-00223	60343	Eu-154	-0.0793 UJ	0.0708	0.0293	0.15	1.00 - 3.50
6-00223	60343	Eu-155	0.0613 J	0.0361	0.0169	0.231	1.00 - 3.50
6-00223	60343	Ho-166m	0.0017 U	0.0189	0.0055	0.0432	1.00 - 3.50
6-00223	60343	K-40	19.6	0.0891	1.06	32.4	1.00 - 3.50
6-00223	60343	Na-22	-0.015 UJ	0.0153	0.0059	0.037	1.00 - 3.50
6-00223	60343	Nb-94	0.0014 U	0.011	0.0032	0.0214	1.00 - 3.50
6-00223	60343	Np-236	-0.0074 U	0.0199	0.0061	0.047	1.00 - 3.50
6-00223	60343	Np-239	-0.0268 U	0.0773	0.0246	0.139	1.00 - 3.50
6-00223	60343	Pa-231	0.0744 U	0.496	0.154	0.936	1.00 - 3.50
6-00223	60343	Pb-212	1.19	0.0204	0.0663	2.69	1.00 - 3.50
6-00223	60343	Pb-214	0.89	0.0214	0.0412	1.7	1.00 - 3.50
6-00223	60343	Pu-236	0.0014 U	0.0202	0.0045	7.79	1.00 - 3.50
6-00223	60343	Pu-238	0.0025	0.0066	0.0025	0.0415	1.00 - 3.50
6-00223	60343	Pu-239/240	0.0052 U	0.0245	0.0065	0.0404	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00223	60343	Pu-244	-0.0018 U	0.0156	0.003	0.0313	1.00 - 3.50
6-00223	60343	Sb-125	0.0075 U	0.0301	0.009	0.354	1.00 - 3.50
6-00223	60343	Sn-126	0.0005 UJ	0.0123	0.0036	0.0237	1.00 - 3.50
6-00223	60343	Sr-90	0.0432 U	0.308	0.085	0.485	1.00 - 3.50
6-00223	60343	Th-228	1.12	0.0971	0.115	3.98	1.00 - 3.50
6-00223	60343	Th-229	0.0139 U	0.0644	0.017	0.145	1.00 - 3.50
6-00223	60343	Th-230	0.975	0.0745	0.102	2.2	1.00 - 3.50
6-00223	60343	Th-232	1.12	0.0187	0.11	3.1	1.00 - 3.50
6-00223	60343	Th-234	1.19	0.141	0.0893	3.19	1.00 - 3.50
6-00223	60343	Tl-208	0.394	0.0117	0.0226	0.937	1.00 - 3.50
6-00223	60343	Tm-171	-0.563 U	4.44	1.4	72.4	1.00 - 3.50
6-00223	60343	U-233/234	0.977	0.0334	0.101	2.02	1.00 - 3.50
6-00223	60343	U-235/236	0.086	0.0412	0.0255	0.151	1.00 - 3.50
6-00223	60343	U-238	0.916	0.0142	0.0964	1.8	1.00 - 3.50
6-00224	60344	Ac-227	-0.133 U	0.269	0.0866	0.217	1.00 - 4.50
6-00224	60344	Ac-228	1.47	0.148	0.0744	2.4	1.00 - 4.50
6-00224	60344	Am-241	0.0168	0.0303	0.0097	0.0454	1.00 - 4.50
6-00224	60344	Bi-212	1.16	0.208	0.114	2.15	1.00 - 4.50
6-00224	60344	Bi-214	1.35	0.0454	0.0703	1.59	1.00 - 4.50
6-00224	60344	Cd-113m	-84.1 U	176	56.5	3030	1.00 - 4.50
6-00224	60344	Cm-243/244	0.0052 U	0.0305	0.0082	0.0443	1.00 - 4.50
6-00224	60344	Co-60	0.0069 U	0.0293	0.0084	0.028	1.00 - 4.50
6-00224	60344	Cs-134	-0.0009 U	0.0234	0.0079	0.0864	1.00 - 4.50
6-00224	60344	Cs-137	-0.0166 U	0.0264	0.0089	0.207	1.00 - 4.50
6-00224	60344	Eu-152	-0.0123 U	0.0666	0.0219	0.0566	1.00 - 4.50
6-00224	60344	Eu-154	-0.0659 U	0.152	0.0496	0.15	1.00 - 4.50
6-00224	60344	Eu-155	0.0827 S	0.086	0.0322	0.231	1.00 - 4.50
6-00224	60344	Ho-166m	-0.0092 U	0.0408	0.0123	0.0432	1.00 - 4.50
6-00224	60344	K-40	21.7	0.208	1.25	32.4	1.00 - 4.50
6-00224	60344	Na-22	-0.0067 U	0.0321	0.0096	0.037	1.00 - 4.50
6-00224	60344	Nb-94	0.0141 J	0.0258	0.008	0.0214	1.00 - 4.50
6-00224	60344	Np-236	-0.0326 U	0.0466	0.0164	0.047	1.00 - 4.50
6-00224	60344	Np-239	-0.0402 U	0.175	0.0525	0.139	1.00 - 4.50
6-00224	60344	Pa-231	0.405 U	1.16	0.377	0.936	1.00 - 4.50
6-00224	60344	Pb-212	1.66	0.0461	0.0981	2.69	1.00 - 4.50
6-00224	60344	Pb-214	1.5	0.0481	0.0719	1.7	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00224	60344	Pu-236	-0.0047 U	0.0199	0.0035	7.79	1.00 - 4.50
6-00224	60344	Pu-238	-0.0003 U	0.019	0.004	0.0415	1.00 - 4.50
6-00224	60344	Pu-239/240	0.006 U	0.019	0.0054	0.0404	1.00 - 4.50
6-00224	60344	Pu-244	0.0021	0.0057	0.0021	0.0313	1.00 - 4.50
6-00224	60344	Sb-125	0.0163 U	0.0671	0.0203	0.354	1.00 - 4.50
6-00224	60344	Sn-126	-0.0072 UJ	0.027	0.0082	0.0237	1.00 - 4.50
6-00224	60344	Sr-90	-0.062 U	0.314	0.0773	0.485	1.00 - 4.50
6-00224	60344	Th-228	1.59	0.128	0.157	3.98	1.00 - 4.50
6-00224	60344	Th-229	0.0757	0.0228	0.0257	0.145	1.00 - 4.50
6-00224	60344	Th-230	1.59	0.0618	0.151	2.2	1.00 - 4.50
6-00224	60344	Th-232	1.53	0.0616	0.147	3.1	1.00 - 4.50
6-00224	60344	Th-234	1.8 J	0.373	0.188	3.19	1.00 - 4.50
6-00224	60344	Tl-208	0.507	0.0253	0.0333	0.937	1.00 - 4.50
6-00224	60344	Tm-171	-11.4 U	15.8	6.03	72.4	1.00 - 4.50
6-00224	60344	U-233/234	1.28	0.0144	0.125	2.02	1.00 - 4.50
6-00224	60344	U-235/236	0.0657	0.0178	0.0213	0.151	1.00 - 4.50
6-00224	60344	U-238	1.34	0.0339	0.13	1.8	1.00 - 4.50
6-00225	60345	Ac-227	-0.0752 U	0.164	0.0539	0.217	1.00 - 4.50
6-00225	60345	Ac-228	1.19	0.0839	0.0464	2.4	1.00 - 4.50
6-00225	60345	Am-241	0.0122	0.0151	0.0063	0.0454	1.00 - 4.50
6-00225	60345	Bi-212	0.714	0.114	0.0628	2.15	1.00 - 4.50
6-00225	60345	Bi-214	0.926	0.0271	0.0353	1.59	1.00 - 4.50
6-00225	60345	Cd-113m	17.9 U	110	33.7	3030	1.00 - 4.50
6-00225	60345	Cm-243/244	0.0068	0.0152	0.0049	0.0443	1.00 - 4.50
6-00225	60345	Co-60	0.0009 U	0.0154	0.0046	0.028	1.00 - 4.50
6-00225	60345	Cs-134	-0.0018 UJ	0.0126	0.0044	0.0864	1.00 - 4.50
6-00225	60345	Cs-137	0.0214	0.0151	0.0049	0.207	1.00 - 4.50
6-00225	60345	Eu-152	-0.0166 U	0.0402	0.0133	0.0566	1.00 - 4.50
6-00225	60345	Eu-154	-0.0557 U	0.0835	0.0288	0.15	1.00 - 4.50
6-00225	60345	Eu-155	0.0652 JS	0.0569	0.026	0.231	1.00 - 4.50
6-00225	60345	Ho-166m	-0.0092 UJ	0.0223	0.0073	0.0432	1.00 - 4.50
6-00225	60345	K-40	21.4	0.12	0.744	32.4	1.00 - 4.50
6-00225	60345	Na-22	-0.0068 U	0.0177	0.0066	0.037	1.00 - 4.50
6-00225	60345	Nb-94	0.0059 U	0.0139	0.0044	0.0214	1.00 - 4.50
6-00225	60345	Np-236	0.0166 U	0.0321	0.0101	0.047	1.00 - 4.50
6-00225	60345	Np-239	0.021 U	0.111	0.0339	0.139	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00225	60345	Pa-231	-0.0011 U	0.682	0.236	0.936	1.00 - 4.50
6-00225	60345	Pb-212	1.3	0.028	0.0462	2.69	1.00 - 4.50
6-00225	60345	Pb-214	1.06	0.0284	0.039	1.7	1.00 - 4.50
6-00225	60345	Pu-236	0.0036 U	0.0182	0.0047	7.79	1.00 - 4.50
6-00225	60345	Pu-238	0.0068	0.0062	0.004	0.0415	1.00 - 4.50
6-00225	60345	Pu-239/240	-0.0059 U	0.0247	0.0043	0.0404	1.00 - 4.50
6-00225	60345	Pu-244	0.0075	0.0145	0.0048	0.0313	1.00 - 4.50
6-00225	60345	Sb-125	-0.0138 U	0.0376	0.0117	0.354	1.00 - 4.50
6-00225	60345	Sn-126	-0.0039 U	0.0149	0.0047	0.0237	1.00 - 4.50
6-00225	60345	Sr-90	-0.0595 U	0.244	0.0595	0.485	1.00 - 4.50
6-00225	60345	Th-228	1.41	0.102	0.136	3.98	1.00 - 4.50
6-00225	60345	Th-229	0.0301	0.0553	0.0185	0.145	1.00 - 4.50
6-00225	60345	Th-230	0.967	0.0552	0.103	2.2	1.00 - 4.50
6-00225	60345	Th-232	1.14	0.0551	0.115	3.1	1.00 - 4.50
6-00225	60345	Th-234	1.49	0.254	0.122	3.19	1.00 - 4.50
6-00225	60345	Tl-208	0.392	0.0131	0.0162	0.937	1.00 - 4.50
6-00225	60345	Tm-171	-2.36 U	11.2	3.95	72.4	1.00 - 4.50
6-00225	60345	U-233/234	0.795	0.0155	0.0897	2.02	1.00 - 4.50
6-00225	60345	U-235/236	0.0142	0.0192	0.0101	0.151	1.00 - 4.50
6-00225	60345	U-238	0.896	0.0365	0.098	1.8	1.00 - 4.50
6-00226	60346	Ac-227	-0.0309 U	0.213	0.0664	0.217	1.00 - 5.00
6-00226	60346	Ac-228	1.22	0.107	0.0615	2.4	1.00 - 5.00
6-00226	60346	Am-241	-0.0105 U	0.0318	0.0063	0.0454	1.00 - 5.00
6-00226	60346	Bi-212	0.797	0.144	0.077	2.15	1.00 - 5.00
6-00226	60346	Bi-214	0.893	0.0322	0.0445	1.59	1.00 - 5.00
6-00226	60346	Cd-113m	-15.2 U	143	44.5	3030	1.00 - 5.00
6-00226	60346	Cm-243/244	-0.0096 U	0.0295	0.0056	0.0443	1.00 - 5.00
6-00226	60346	Co-60	-0.0073 U	0.019	0.006	0.028	1.00 - 5.00
6-00226	60346	Cs-134	0.0035 U	0.0164	0.0055	0.0864	1.00 - 5.00
6-00226	60346	Cs-137	0.0129	0.0185	0.0061	0.207	1.00 - 5.00
6-00226	60346	Eu-152	-0.0242 U	0.0525	0.0202	0.0566	1.00 - 5.00
6-00226	60346	Eu-154	-0.0822 UJ	0.11	0.0398	0.15	1.00 - 5.00
6-00226	60346	Eu-155	0.0735 J	0.0789	0.027	0.231	1.00 - 5.00
6-00226	60346	Ho-166m	-0.0023 U	0.0287	0.0085	0.0432	1.00 - 5.00
6-00226	60346	K-40	22.2	0.135	1.38	32.4	1.00 - 5.00
6-00226	60346	Na-22	-0.0119 U	0.0234	0.0076	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00226	60346	Nb-94	0.0019 U	0.0173	0.0051	0.0214	1.00 - 5.00
6-00226	60346	Np-236	0.0186 U	0.0431	0.0144	0.047	1.00 - 5.00
6-00226	60346	Np-239	-0.0036 U	0.143	0.044	0.139	1.00 - 5.00
6-00226	60346	Pa-231	0.296 U	0.909	0.297	0.936	1.00 - 5.00
6-00226	60346	Pb-212	1.4	0.0384	0.0927	2.69	1.00 - 5.00
6-00226	60346	Pb-214	1.07	0.0358	0.0554	1.7	1.00 - 5.00
6-00226	60346	Pu-236	-0.0037 U	0.0205	0.0037	7.79	1.00 - 5.00
6-00226	60346	Pu-238	-0.0018 U	0.0158	0.0031	0.0415	1.00 - 5.00
6-00226	60346	Pu-239/240	-0.0008 U	0.029	0.0066	0.0404	1.00 - 5.00
6-00226	60346	Pu-244	0	0.0067	0.0025	0.0313	1.00 - 5.00
6-00226	60346	Sb-125	0.0279 J	0.0502	0.016	0.354	1.00 - 5.00
6-00226	60346	Sn-126	-0.0079 UJ	0.0185	0.0059	0.0237	1.00 - 5.00
6-00226	60346	Sr-90	0.198	0.272	0.0898	0.485	1.00 - 5.00
6-00226	60346	Th-228	1.42	0.084	0.136	3.98	1.00 - 5.00
6-00226	60346	Th-229	0.0365	0.0787	0.0243	0.145	1.00 - 5.00
6-00226	60346	Th-230	0.933	0.0198	0.099	2.2	1.00 - 5.00
6-00226	60346	Th-232	1.18	0.0675	0.116	3.1	1.00 - 5.00
6-00226	60346	Th-234	1.57 J	0.43	0.407	3.19	1.00 - 5.00
6-00226	60346	Tl-208	0.415	0.0185	0.0247	0.937	1.00 - 5.00
6-00226	60346	Tm-171	-0.512 U	21.3	6.23	72.4	1.00 - 5.00
6-00226	60346	U-233/234	1.07	0.0418	0.116	2.02	1.00 - 5.00
6-00226	60346	U-235/236	0.0406	0.022	0.0184	0.151	1.00 - 5.00
6-00226	60346	U-238	0.959	0.0178	0.107	1.8	1.00 - 5.00
6-00227	60347	Ac-227	0.0237 U	0.147	0.0454	0.217	0.00 - 0.50
6-00227	60347	Ac-228	1.29	0.0658	0.0601	2.4	0.00 - 0.50
6-00227	60347	Am-241	-0.0003 U	0.0195	0.0041	0.0454	0.00 - 0.50
6-00227	60347	Bi-212	0.999	0.0906	0.0707	2.15	0.00 - 0.50
6-00227	60347	Bi-214	0.942	0.0217	0.0416	1.59	0.00 - 0.50
6-00227	60347	Cd-113m	-38.5 U	97.6	34.2	3030	0.00 - 0.50
6-00227	60347	Cm-243/244	-0.0019 U	0.0218	0.0044	0.0443	0.00 - 0.50
6-00227	60347	Co-60	-0.0005 U	0.0121	0.0037	0.028	0.00 - 0.50
6-00227	60347	Cs-134	0.009 SJ	0.0111	0.0043	0.0864	0.00 - 0.50
6-00227	60347	Cs-137	0.0332	0.0117	0.0051	0.207	0.00 - 0.50
6-00227	60347	Eu-152	-0.0447 LU	0.0348	0.0162	0.0566	0.00 - 0.50
6-00227	60347	Eu-154	0.0053 U	0.0697	0.0237	0.15	0.00 - 0.50
6-00227	60347	Eu-155	0.0716 SJ	0.0535	0.0185	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00227	60347	Ho-166m	0.0089 UJ	0.0185	0.0059	0.0432	0.00 - 0.50
6-00227	60347	K-40	24.1	0.0994	1.45	32.4	0.00 - 0.50
6-00227	60347	Na-22	0.0067 U	0.0152	0.0054	0.037	0.00 - 0.50
6-00227	60347	Nb-94	0.0053 U	0.0109	0.0035	0.0214	0.00 - 0.50
6-00227	60347	Np-236	-0.0077 U	0.0286	0.0091	0.047	0.00 - 0.50
6-00227	60347	Np-239	0.0308 U	0.1	0.0314	0.139	0.00 - 0.50
6-00227	60347	Pa-231	-0.212 U	0.613	0.204	0.936	0.00 - 0.50
6-00227	60347	Pb-212	1.55	0.0259	0.0937	2.69	0.00 - 0.50
6-00227	60347	Pb-214	1.11	0.0253	0.0509	1.7	0.00 - 0.50
6-00227	60347	Pu-236	0.0031 U	0.0151	0.0038	7.79	0.00 - 0.50
6-00227	60347	Pu-238	-0.0032 U	0.0177	0.0032	0.0415	0.00 - 0.50
6-00227	60347	Pu-239/240	0.0013 U	0.0177	0.0039	0.0404	0.00 - 0.50
6-00227	60347	Pu-244	0.0068 J	0.0061	0.0039	0.0313	0.00 - 0.50
6-00227	60347	Sb-125	0.001 U	0.0328	0.0097	0.354	0.00 - 0.50
6-00227	60347	Sn-126	0.002 U	0.0121	0.0037	0.0237	0.00 - 0.50
6-00227	60347	Sr-90	0.132 U	0.251	0.0779	0.485	0.00 - 0.50
6-00227	60347	Th-228	1.38	0.0954	0.134	3.98	0.00 - 0.50
6-00227	60347	Th-229	0.0221 U	0.0795	0.0222	0.145	0.00 - 0.50
6-00227	60347	Th-230	0.736	0.0542	0.086	2.2	0.00 - 0.50
6-00227	60347	Th-232	1.15	0.0791	0.115	3.1	0.00 - 0.50
6-00227	60347	Th-234	1.43	0.232	0.135	3.19	0.00 - 0.50
6-00227	60347	Tl-208	0.471	0.0121	0.025	0.937	0.00 - 0.50
6-00227	60347	Tm-171	-5.35 U	11.4	4.06	72.4	0.00 - 0.50
6-00227	60347	U-233/234	0.733	0.0326	0.0727	2.02	0.00 - 0.50
6-00227	60347	U-235/236	0.0173	0.0403	0.0123	0.151	0.00 - 0.50
6-00227	60347	U-238	0.744	0.046	0.0739	1.8	0.00 - 0.50
6-00227	60348	Ac-227	-0.0853 U	0.189	0.0626	0.217	1.00 - 5.00
6-00227	60348	Ac-228	1.06	0.0913	0.0531	2.4	1.00 - 5.00
6-00227	60348	Am-241	-0.0019 U	0.0214	0.0043	0.0454	1.00 - 5.00
6-00227	60348	Bi-212	0.912	0.125	0.0797	2.15	1.00 - 5.00
6-00227	60348	Bi-214	0.766	0.0274	0.038	1.59	1.00 - 5.00
6-00227	60348	Cd-113m	-63 U	125	42.1	3030	1.00 - 5.00
6-00227	60348	Cm-243/244	-0.0031 U	0.017	0.0031	0.0443	1.00 - 5.00
6-00227	60348	Co-60	0.0044 U	0.0175	0.0051	0.028	1.00 - 5.00
6-00227	60348	Cs-134	-0.0133 UJ	0.0135	0.0058	0.0864	1.00 - 5.00
6-00227	60348	Cs-137	-0.0149 UJ	0.016	0.0061	0.207	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00227	60348	Eu-152	0.0315 J	0.0456	0.0186	0.0566	1.00 - 5.00
6-00227	60348	Eu-154	0.0211 U	0.101	0.0302	0.15	1.00 - 5.00
6-00227	60348	Eu-155	0.0138 U	0.072	0.0215	0.231	1.00 - 5.00
6-00227	60348	Ho-166m	-0.0154 U	0.0256	0.0086	0.0432	1.00 - 5.00
6-00227	60348	K-40	19.7	0.126	1.23	32.4	1.00 - 5.00
6-00227	60348	Na-22	-0.0024 U	0.0212	0.0063	0.037	1.00 - 5.00
6-00227	60348	Nb-94	0.0026 U	0.0152	0.0045	0.0214	1.00 - 5.00
6-00227	60348	Np-236	-0.0208 U	0.0374	0.0123	0.047	1.00 - 5.00
6-00227	60348	Np-239	0.0176 U	0.126	0.0387	0.139	1.00 - 5.00
6-00227	60348	Pa-231	0.0399 U	0.783	0.251	0.936	1.00 - 5.00
6-00227	60348	Pb-212	1.25	0.0331	0.0828	2.69	1.00 - 5.00
6-00227	60348	Pb-214	0.845	0.0319	0.0443	1.7	1.00 - 5.00
6-00227	60348	Pu-236	0.0021	0.0056	0.0021	7.79	1.00 - 5.00
6-00227	60348	Pu-238	0.0006 U	0.0127	0.0025	0.0415	1.00 - 5.00
6-00227	60348	Pu-239/240	-0.0003 U	0.0181	0.0038	0.0404	1.00 - 5.00
6-00227	60348	Pu-244	0.0046	0.0127	0.0038	0.0313	1.00 - 5.00
6-00227	60348	Sb-125	-0.0153 U	0.0419	0.0132	0.354	1.00 - 5.00
6-00227	60348	Sn-126	-0.0049 U	0.0162	0.005	0.0237	1.00 - 5.00
6-00227	60348	Sr-90	-0.0924 U	0.298	0.0752	0.485	1.00 - 5.00
6-00227	60348	Th-228	1.22	0.0919	0.127	3.98	1.00 - 5.00
6-00227	60348	Th-229	0.0323	0.0594	0.0199	0.145	1.00 - 5.00
6-00227	60348	Th-230	0.974	0.0218	0.106	2.2	1.00 - 5.00
6-00227	60348	Th-232	1.26	0.0218	0.126	3.1	1.00 - 5.00
6-00227	60348	Th-234	1.41 J	0.316	0.17	3.19	1.00 - 5.00
6-00227	60348	Tl-208	0.38	0.0158	0.0222	0.937	1.00 - 5.00
6-00227	60348	Tm-171	-12.5 U	18.7	6.96	72.4	1.00 - 5.00
6-00227	60348	U-233/234	0.923	0.0419	0.105	2.02	1.00 - 5.00
6-00227	60348	U-235/236	0.0569	0.022	0.0219	0.151	1.00 - 5.00
6-00227	60348	U-238	1.06	0.0519	0.116	1.8	1.00 - 5.00
6-00228	60349	Ac-227	-0.0008 U	0.121	0.0372	0.217	0.00 - 0.50
6-00228	60349	Ac-228	1.07	0.0733	0.0491	2.4	0.00 - 0.50
6-00228	60349	Am-241	0.0065	0.0119	0.004	0.0454	0.00 - 0.50
6-00228	60349	Bi-212	0.865	0.0997	0.0673	2.15	0.00 - 0.50
6-00228	60349	Bi-214	0.981	0.0223	0.0444	1.59	0.00 - 0.50
6-00228	60349	Cd-113m	8.36 U	79.9	24.6	3030	0.00 - 0.50
6-00228	60349	Cm-243/244	-0.0065 U	0.0196	0.0036	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00228	60349	Co-60	0.0015 U	0.0141	0.0041	0.028	0.00 - 0.50
6-00228	60349	Cs-134	0.0074 JS	0.0115	0.0042	0.0864	0.00 - 0.50
6-00228	60349	Cs-137	0.21	0.0138	0.0136	0.207	0.00 - 0.50
6-00228	60349	Eu-152	0.0185 J	0.0312	0.011	0.0566	0.00 - 0.50
6-00228	60349	Eu-154	-0.0345 U	0.0777	0.0252	0.15	0.00 - 0.50
6-00228	60349	Eu-155	0.0669 JS	0.0362	0.0154	0.231	0.00 - 0.50
6-00228	60349	Ho-166m	0.0013 U	0.0201	0.0059	0.0432	0.00 - 0.50
6-00228	60349	K-40	22.8	0.0885	1.22	32.4	0.00 - 0.50
6-00228	60349	Na-22	0.0029 U	0.017	0.0058	0.037	0.00 - 0.50
6-00228	60349	Nb-94	0.0054 U	0.0117	0.0036	0.0214	0.00 - 0.50
6-00228	60349	Np-236	-0.0075 UJ	0.02	0.0061	0.047	0.00 - 0.50
6-00228	60349	Np-239	-0.0087 U	0.0795	0.0244	0.139	0.00 - 0.50
6-00228	60349	Pa-231	0.123 U	0.508	0.159	0.936	0.00 - 0.50
6-00228	60349	Pb-212	1.22	0.0205	0.0666	2.69	0.00 - 0.50
6-00228	60349	Pb-214	1.03	0.0218	0.0461	1.7	0.00 - 0.50
6-00228	60349	Pu-236	-0.0017 UJ	0.0472	0.0113	7.79	0.00 - 0.50
6-00228	60349	Pu-238	-0.003 UJ	0.0485	0.0116	0.0415	0.00 - 0.50
6-00228	60349	Pu-239/240	0.0074	0.0208	0.0061	0.0404	0.00 - 0.50
6-00228	60349	Pu-244	-0.0024 UJ	0.0208	0.004	0.0313	0.00 - 0.50
6-00228	60349	Sb-125	-0.0126 U	0.0314	0.0099	0.354	0.00 - 0.50
6-00228	60349	Sn-126	-0.0001 U	0.0127	0.0037	0.0237	0.00 - 0.50
6-00228	60349	Sr-90	-0.0198 U	0.0893	0.0213	0.485	0.00 - 0.50
6-00228	60349	Th-228	1.04	0.0566	0.109	3.98	0.00 - 0.50
6-00228	60349	Th-229	0.0216 U	0.0864	0.0239	0.145	0.00 - 0.50
6-00228	60349	Th-230	0.782	0.0667	0.0889	2.2	0.00 - 0.50
6-00228	60349	Th-232	0.916	0.0527	0.0976	3.1	0.00 - 0.50
6-00228	60349	Th-234	1.29	0.144	0.0935	3.19	0.00 - 0.50
6-00228	60349	Tl-208	0.391	0.0127	0.0222	0.937	0.00 - 0.50
6-00228	60349	Tm-171	1.04 U	4.61	1.59	72.4	0.00 - 0.50
6-00228	60349	U-233/234	0.818	0.0291	0.0771	2.02	0.00 - 0.50
6-00228	60349	U-235/236	0.0726	0.0253	0.0183	0.151	0.00 - 0.50
6-00228	60349	U-238	0.885	0.0205	0.0817	1.8	0.00 - 0.50
6-00228	60350	Ac-227	-0.0393 U	0.123	0.0377	0.217	1.00 - 5.00
6-00228	60350	Ac-228	1.29	0.0615	0.0572	2.4	1.00 - 5.00
6-00228	60350	Am-241	0.0055 U	0.0171	0.0049	0.0454	1.00 - 5.00
6-00228	60350	Bi-212	0.894	0.0876	0.0641	2.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00228	60350	Bi-214	0.993	0.0185	0.0435	1.59	1.00 - 5.00
6-00228	60350	Cd-113m	15.6 U	82.4	25.2	3030	1.00 - 5.00
6-00228	60350	Cm-243/244	0.0003 U	0.0218	0.0049	0.0443	1.00 - 5.00
6-00228	60350	Co-60	0.0037 UJ	0.0114	0.0034	0.028	1.00 - 5.00
6-00228	60350	Cs-134	-0.0003 U	0.0097	0.0034	0.0864	1.00 - 5.00
6-00228	60350	Cs-137	-0.001 UJ	0.0109	0.0037	0.207	1.00 - 5.00
6-00228	60350	Eu-152	-0.0239 UJ	0.0291	0.0105	0.0566	1.00 - 5.00
6-00228	60350	Eu-154	-0.0255 U	0.0641	0.0204	0.15	1.00 - 5.00
6-00228	60350	Eu-155	0.095 JS	0.0421	0.0184	0.231	1.00 - 5.00
6-00228	60350	Ho-166m	-0.0006 U	0.0174	0.0051	0.0432	1.00 - 5.00
6-00228	60350	K-40	21.9	0.0856	1.22	32.4	1.00 - 5.00
6-00228	60350	Na-22	-0.0033 U	0.0131	0.0041	0.037	1.00 - 5.00
6-00228	60350	Nb-94	0.008 JS	0.0104	0.0035	0.0214	1.00 - 5.00
6-00228	60350	Np-236	-0.0073 U	0.0233	0.0074	0.047	1.00 - 5.00
6-00228	60350	Np-239	-0.0317 U	0.0829	0.0256	0.139	1.00 - 5.00
6-00228	60350	Pa-231	0.187 U	0.513	0.168	0.936	1.00 - 5.00
6-00228	60350	Pb-212	1.44	0.0213	0.0856	2.69	1.00 - 5.00
6-00228	60350	Pb-214	1.1	0.0209	0.0508	1.7	1.00 - 5.00
6-00228	60350	Pu-236	-0.0114 U	0.0379	0.0079	7.79	1.00 - 5.00
6-00228	60350	Pu-238	0.005 U	0.0238	0.0063	0.0415	1.00 - 5.00
6-00228	60350	Pu-239/240	0.0003 U	0.0238	0.0053	0.0404	1.00 - 5.00
6-00228	60350	Pu-244	0.0132 K	0.0187	0.0068	0.0313	1.00 - 5.00
6-00228	60350	Sb-125	0.0043 U	0.0281	0.0085	0.354	1.00 - 5.00
6-00228	60350	Sn-126	0 U	0.0112	0.0033	0.0237	1.00 - 5.00
6-00228	60350	Sr-90	-0.0164 U	0.197	0.0532	0.485	1.00 - 5.00
6-00228	60350	Th-228	1.36	0.107	0.128	3.98	1.00 - 5.00
6-00228	60350	Th-229	0.0136 U	0.089	0.0235	0.145	1.00 - 5.00
6-00228	60350	Th-230	1.07	0.0498	0.105	2.2	1.00 - 5.00
6-00228	60350	Th-232	1.31	0.0627	0.121	3.1	1.00 - 5.00
6-00228	60350	Th-234	1.44	0.174	0.12	3.19	1.00 - 5.00
6-00228	60350	Tl-208	0.454	0.0104	0.024	0.937	1.00 - 5.00
6-00228	60350	Tm-171	-2.98 U	7.21	2.54	72.4	1.00 - 5.00
6-00228	60350	U-233/234	1.05	0.053	0.111	2.02	1.00 - 5.00
6-00228	60350	U-235/236	0.0527	0.0461	0.0215	0.151	1.00 - 5.00
6-00228	60350	U-238	0.962	0.0588	0.105	1.8	1.00 - 5.00
6-00229	60351	Ac-227	-0.071 U	0.123	0.0419	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00229	60351	Ac-228	0.633	0.0803	0.0339	2.4	0.00 - 0.50
6-00229	60351	Am-241	0.0098	0.0215	0.0068	0.0454	0.00 - 0.50
6-00229	60351	Bi-212	0.41 J	0.0987	0.0501	2.15	0.00 - 0.50
6-00229	60351	Bi-214	0.578	0.0213	0.0303	1.59	0.00 - 0.50
6-00229	60351	Cd-113m	-31.7 U	81.3	26.4	3030	0.00 - 0.50
6-00229	60351	Cm-243/244	0.0014 U	0.0215	0.0047	0.0443	0.00 - 0.50
6-00229	60351	Co-60	-0.0029 U	0.0148	0.0044	0.028	0.00 - 0.50
6-00229	60351	Cs-134	-0.0029 UJ	0.0108	0.0039	0.0864	0.00 - 0.50
6-00229	60351	Cs-137	0.0422	0.0127	0.006	0.207	0.00 - 0.50
6-00229	60351	Eu-152	-0.012 U	0.0315	0.0104	0.0566	0.00 - 0.50
6-00229	60351	Eu-154	-0.0457 U	0.0836	0.028	0.15	0.00 - 0.50
6-00229	60351	Eu-155	0.0412 JS	0.0392	0.0148	0.231	0.00 - 0.50
6-00229	60351	Ho-166m	0.0038 UJ	0.0214	0.0062	0.0432	0.00 - 0.50
6-00229	60351	K-40	19.8	0.1	1.08	32.4	0.00 - 0.50
6-00229	60351	Na-22	-0.0046 U	0.0178	0.0054	0.037	0.00 - 0.50
6-00229	60351	Nb-94	0.0067 JS	0.0121	0.0037	0.0214	0.00 - 0.50
6-00229	60351	Np-236	-0.0041 U	0.0213	0.0063	0.047	0.00 - 0.50
6-00229	60351	Np-239	-0.0445 U	0.0802	0.027	0.139	0.00 - 0.50
6-00229	60351	Pa-231	0.0802 U	0.52	0.16	0.936	0.00 - 0.50
6-00229	60351	Pb-212	0.693	0.0204	0.0396	2.69	0.00 - 0.50
6-00229	60351	Pb-214	0.578	0.0233	0.0292	1.7	0.00 - 0.50
6-00229	60351	Pu-236	-0.0055 U	0.0229	0.004	7.79	0.00 - 0.50
6-00229	60351	Pu-238	0.0025	0.0067	0.0025	0.0415	0.00 - 0.50
6-00229	60351	Pu-239/240	0.0021 U	0.0225	0.0053	0.0404	0.00 - 0.50
6-00229	60351	Pu-244	0	0.0067	0.0025	0.0313	0.00 - 0.50
6-00229	60351	Sb-125	-0.0013 U	0.0303	0.0089	0.354	0.00 - 0.50
6-00229	60351	Sn-126	0.001 U	0.0137	0.0039	0.0237	0.00 - 0.50
6-00229	60351	Sr-90	0.124 U	0.23	0.072	0.485	0.00 - 0.50
6-00229	60351	Th-228	1.08	0.0233	0.117	3.98	0.00 - 0.50
6-00229	60351	Th-229	0.0334	0.0775	0.0237	0.145	0.00 - 0.50
6-00229	60351	Th-230	0.833	0.0613	0.0984	2.2	0.00 - 0.50
6-00229	60351	Th-232	0.839	0.0225	0.098	3.1	0.00 - 0.50
6-00229	60351	Th-234	0.713	0.157	0.0711	3.19	0.00 - 0.50
6-00229	60351	Tl-208	0.209	0.0122	0.0144	0.937	0.00 - 0.50
6-00229	60351	Tm-171	0.923 U	4.52	1.55	72.4	0.00 - 0.50
6-00229	60351	U-233/234	0.7	0.0387	0.0838	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00229	60351	U-235/236	0.0526	0.0204	0.0203	0.151	0.00 - 0.50
6-00229	60351	U-238	0.723	0.0165	0.0855	1.8	0.00 - 0.50
6-00229	60352	Ac-227	0.0172 U	0.168	0.0493	0.217	1.00 - 3.00
6-00229	60352	Ac-228	1.13	0.0951	0.0542	2.4	1.00 - 3.00
6-00229	60352	Am-241	0.0029	0.0079	0.0029	0.0454	1.00 - 3.00
6-00229	60352	Bi-212	0.805	0.113	0.0789	2.15	1.00 - 3.00
6-00229	60352	Bi-214	0.971	0.0274	0.0457	1.59	1.00 - 3.00
6-00229	60352	Cd-113m	31 U	112	36.1	3030	1.00 - 3.00
6-00229	60352	Cm-243/244	0.0029	0.0079	0.0029	0.0443	1.00 - 3.00
6-00229	60352	Co-60	0.0047 U	0.0171	0.005	0.028	1.00 - 3.00
6-00229	60352	Cs-134	0.0017 UJ	0.0133	0.0044	0.0864	1.00 - 3.00
6-00229	60352	Cs-137	0.0207	0.0152	0.0062	0.207	1.00 - 3.00
6-00229	60352	Eu-152	-0.023 U	0.0408	0.0146	0.0566	1.00 - 3.00
6-00229	60352	Eu-154	0.0029 U	0.0882	0.0293	0.15	1.00 - 3.00
6-00229	60352	Eu-155	0.0602 JS	0.0578	0.0222	0.231	1.00 - 3.00
6-00229	60352	Ho-166m	-0.0008 UJ	0.0255	0.0075	0.0432	1.00 - 3.00
6-00229	60352	K-40	20.3	0.117	1.1	32.4	1.00 - 3.00
6-00229	60352	Na-22	-0.005 U	0.0192	0.0059	0.037	1.00 - 3.00
6-00229	60352	Nb-94	0.0029 U	0.0145	0.0043	0.0214	1.00 - 3.00
6-00229	60352	Np-236	0.0021 U	0.0318	0.0097	0.047	1.00 - 3.00
6-00229	60352	Np-239	-0.0064 U	0.111	0.0327	0.139	1.00 - 3.00
6-00229	60352	Pa-231	0.312 U	0.722	0.223	0.936	1.00 - 3.00
6-00229	60352	Pb-212	1.2	0.0283	0.0693	2.69	1.00 - 3.00
6-00229	60352	Pb-214	0.96	0.0309	0.046	1.7	1.00 - 3.00
6-00229	60352	Pu-236	0.0023	0.0063	0.0023	7.79	1.00 - 3.00
6-00229	60352	Pu-238	0.0023	0.0062	0.0023	0.0415	1.00 - 3.00
6-00229	60352	Pu-239/240	0.0036 U	0.018	0.0046	0.0404	1.00 - 3.00
6-00229	60352	Pu-244	0.0046	0.0062	0.0032	0.0313	1.00 - 3.00
6-00229	60352	Sb-125	-0.0134 U	0.0393	0.0125	0.354	1.00 - 3.00
6-00229	60352	Sn-126	0.0083 J	0.0164	0.0051	0.0237	1.00 - 3.00
6-00229	60352	Sr-90	-0.147 U	0.409	0.108	0.485	1.00 - 3.00
6-00229	60352	Th-228	1.25	0.102	0.143	3.98	1.00 - 3.00
6-00229	60352	Th-229	0.032	0.0289	0.0186	0.145	1.00 - 3.00
6-00229	60352	Th-230	2.05 J	0.0989	0.199	2.2	1.00 - 3.00
6-00229	60352	Th-232	1.04	0.0288	0.124	3.1	1.00 - 3.00
6-00229	60352	Th-234	1.45	0.259	0.132	3.19	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00229	60352	Tl-208	0.369	0.0153	0.0219	0.937	1.00 - 3.00
6-00229	60352	Tm-171	-4.41 U	9.95	3.5	72.4	1.00 - 3.00
6-00229	60352	U-233/234	1.05	0.0383	0.112	2.02	1.00 - 3.00
6-00229	60352	U-235/236	0.0817	0.0201	0.0254	0.151	1.00 - 3.00
6-00229	60352	U-238	1.11	0.0383	0.116	1.8	1.00 - 3.00
6-00230	60353	Ac-227	-0.0362 U	0.154	0.0483	0.217	0.00 - 0.50
6-00230	60353	Ac-228	0.855	0.0839	0.043	2.4	0.00 - 0.50
6-00230	60353	Am-241	0.0092	0.0208	0.0066	0.0454	0.00 - 0.50
6-00230	60353	Bi-212	0.658 J	0.108	0.066	2.15	0.00 - 0.50
6-00230	60353	Bi-214	0.793	0.0224	0.0383	1.59	0.00 - 0.50
6-00230	60353	Cd-113m	-3.12 U	104	31.7	3030	0.00 - 0.50
6-00230	60353	Cm-243/244	0.0061 U	0.0208	0.0058	0.0443	0.00 - 0.50
6-00230	60353	Co-60	0.0074 U	0.0157	0.0048	0.028	0.00 - 0.50
6-00230	60353	Cs-134	0.0169 JS	0.0136	0.0062	0.0864	0.00 - 0.50
6-00230	60353	Cs-137	0.0632	0.0159	0.0078	0.207	0.00 - 0.50
6-00230	60353	Eu-152	-0.009 U	0.0379	0.0128	0.0566	0.00 - 0.50
6-00230	60353	Eu-154	-0.0722 UJ	0.0814	0.0306	0.15	0.00 - 0.50
6-00230	60353	Eu-155	0.0193 U	0.0544	0.0164	0.231	0.00 - 0.50
6-00230	60353	Ho-166m	-0.0078 UJ	0.0214	0.0069	0.0432	0.00 - 0.50
6-00230	60353	K-40	22.8	0.0912	1.29	32.4	0.00 - 0.50
6-00230	60353	Na-22	-0.0044 U	0.0181	0.0056	0.037	0.00 - 0.50
6-00230	60353	Nb-94	0.0065 JS	0.013	0.0041	0.0214	0.00 - 0.50
6-00230	60353	Np-236	-0.0116 U	0.0289	0.009	0.047	0.00 - 0.50
6-00230	60353	Np-239	-0.004 U	0.104	0.0317	0.139	0.00 - 0.50
6-00230	60353	Pa-231	-0.215 U	0.634	0.204	0.936	0.00 - 0.50
6-00230	60353	Pb-212	0.926	0.0263	0.056	2.69	0.00 - 0.50
6-00230	60353	Pb-214	0.884	0.0282	0.0433	1.7	0.00 - 0.50
6-00230	60353	Pu-236	0.0006 U	0.013	0.0025	7.79	0.00 - 0.50
6-00230	60353	Pu-238	0	0.0054	0.002	0.0415	0.00 - 0.50
6-00230	60353	Pu-239/240	0.0066	0.0128	0.0043	0.0404	0.00 - 0.50
6-00230	60353	Pu-244	0.0106	0.0128	0.0052	0.0313	0.00 - 0.50
6-00230	60353	Sb-125	0.0045 U	0.0357	0.0104	0.354	0.00 - 0.50
6-00230	60353	Sn-126	0.0028 U	0.0143	0.0043	0.0237	0.00 - 0.50
6-00230	60353	Sr-90	0.0881 U	0.328	0.0962	0.485	0.00 - 0.50
6-00230	60353	Th-228	0.771	0.0656	0.0878	3.98	0.00 - 0.50
6-00230	60353	Th-229	0.0618	0.0186	0.0209	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00230	60353	Th-230	0.74	0.0504	0.084	2.2	0.00 - 0.50
6-00230	60353	Th-232	0.922	0.0185	0.0961	3.1	0.00 - 0.50
6-00230	60353	Th-234	1.16 J	0.234	0.129	3.19	0.00 - 0.50
6-00230	60353	Tl-208	0.295	0.0134	0.0176	0.937	0.00 - 0.50
6-00230	60353	Tm-171	5.09 U	10.5	3.76	72.4	0.00 - 0.50
6-00230	60353	U-233/234	1.13	0.0152	0.115	2.02	0.00 - 0.50
6-00230	60353	U-235/236	0.0347	0.0188	0.0157	0.151	0.00 - 0.50
6-00230	60353	U-238	0.949	0.0357	0.101	1.8	0.00 - 0.50
6-00230	60354	Ac-227	-0.103 U	0.197	0.064	0.217	1.00 - 4.80
6-00230	60354	Ac-228	0.861	0.116	0.0482	2.4	1.00 - 4.80
6-00230	60354	Am-241	0.009	0.0203	0.0064	0.0454	1.00 - 4.80
6-00230	60354	Bi-212	0.587 J	0.221	0.158	2.15	1.00 - 4.80
6-00230	60354	Bi-214	0.741	0.0342	0.0419	1.59	1.00 - 4.80
6-00230	60354	Cd-113m	-20.5 U	132	39.5	3030	1.00 - 4.80
6-00230	60354	Cm-243/244	0.0045 U	0.0167	0.0045	0.0443	1.00 - 4.80
6-00230	60354	Co-60	-0.0064 U	0.0213	0.0065	0.028	1.00 - 4.80
6-00230	60354	Cs-134	0.0019 UJ	0.0166	0.0055	0.0864	1.00 - 4.80
6-00230	60354	Cs-137	0.0325 J	0.0228	0.0098	0.207	1.00 - 4.80
6-00230	60354	Eu-152	0.0111 U	0.0502	0.017	0.0566	1.00 - 4.80
6-00230	60354	Eu-154	0.004 U	0.124	0.0371	0.15	1.00 - 4.80
6-00230	60354	Eu-155	0.0721 JS	0.0638	0.0264	0.231	1.00 - 4.80
6-00230	60354	Ho-166m	0.0056 UJ	0.0312	0.0091	0.0432	1.00 - 4.80
6-00230	60354	K-40	20	0.153	1.16	32.4	1.00 - 4.80
6-00230	60354	Na-22	-0.0014 U	0.0254	0.0074	0.037	1.00 - 4.80
6-00230	60354	Nb-94	0.0096 JS	0.0188	0.0058	0.0214	1.00 - 4.80
6-00230	60354	Np-236	-0.0094 U	0.0359	0.0113	0.047	1.00 - 4.80
6-00230	60354	Np-239	0.0236 U	0.134	0.0394	0.139	1.00 - 4.80
6-00230	60354	Pa-231	-0.238 U	0.826	0.288	0.936	1.00 - 4.80
6-00230	60354	Pb-212	0.95	0.0325	0.0578	2.69	1.00 - 4.80
6-00230	60354	Pb-214	0.771	0.0361	0.0398	1.7	1.00 - 4.80
6-00230	60354	Pu-236	0.0006 U	0.0142	0.0028	7.79	1.00 - 4.80
6-00230	60354	Pu-238	0.0028 U	0.014	0.0035	0.0415	1.00 - 4.80
6-00230	60354	Pu-239/240	0	0.0059	0.0022	0.0404	1.00 - 4.80
6-00230	60354	Pu-244	0.0022	0.0059	0.0022	0.0313	1.00 - 4.80
6-00230	60354	Sb-125	0.0052 U	0.0495	0.0149	0.354	1.00 - 4.80
6-00230	60354	Sn-126	0.0016 U	0.0206	0.006	0.0237	1.00 - 4.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00230	60354	Sr-90	-0.0222 U	0.227	0.0575	0.485	1.00 - 4.80
6-00230	60354	Th-228	1.16	0.0814	0.117	3.98	1.00 - 4.80
6-00230	60354	Th-229	0.0147 U	0.079	0.0208	0.145	1.00 - 4.80
6-00230	60354	Th-230	0.893	0.0198	0.0967	2.2	1.00 - 4.80
6-00230	60354	Th-232	1.01	0.0537	0.106	3.1	1.00 - 4.80
6-00230	60354	Th-234	1.1 J	0.277	0.13	3.19	1.00 - 4.80
6-00230	60354	Tl-208	0.288	0.0199	0.0199	0.937	1.00 - 4.80
6-00230	60354	Tm-171	4.45 U	11.6	4	72.4	1.00 - 4.80
6-00230	60354	U-233/234	1.16	0.0422	0.124	2.02	1.00 - 4.80
6-00230	60354	U-235/236	0.0492	0.0222	0.0204	0.151	1.00 - 4.80
6-00230	60354	U-238	1.12	0.018	0.121	1.8	1.00 - 4.80
6-00231	60355	Ac-227	-0.0744 U	0.142	0.0459	0.217	0.00 - 0.50
6-00231	60355	Ac-228	1.28	0.0767	0.0593	2.4	0.00 - 0.50
6-00231	60355	Am-241	0.0002 U	0.0191	0.0043	0.0454	0.00 - 0.50
6-00231	60355	Bi-212	0.908	0.107	0.0673	2.15	0.00 - 0.50
6-00231	60355	Bi-214	1.07	0.0232	0.0479	1.59	0.00 - 0.50
6-00231	60355	Cd-113m	2.67 U	95.8	28.3	3030	0.00 - 0.50
6-00231	60355	Cm-243/244	0.0096	0.0052	0.0043	0.0443	0.00 - 0.50
6-00231	60355	Co-60	-0.0054 U	0.0146	0.0047	0.028	0.00 - 0.50
6-00231	60355	Cs-134	0.0052 U	0.0119	0.0041	0.0864	0.00 - 0.50
6-00231	60355	Cs-137	0.0782	0.0137	0.0073	0.207	0.00 - 0.50
6-00231	60355	Eu-152	-0.0093 U	0.0355	0.0125	0.0566	0.00 - 0.50
6-00231	60355	Eu-154	-0.0947 UJ	0.0787	0.0331	0.15	0.00 - 0.50
6-00231	60355	Eu-155	0.0875 SJ	0.0494	0.0198	0.231	0.00 - 0.50
6-00231	60355	Ho-166m	-0.0077 U	0.0211	0.0066	0.0432	0.00 - 0.50
6-00231	60355	K-40	22.8	0.0988	1.38	32.4	0.00 - 0.50
6-00231	60355	Na-22	0 U	0.0171	0.006	0.037	0.00 - 0.50
6-00231	60355	Nb-94	0.005 U	0.0121	0.0037	0.0214	0.00 - 0.50
6-00231	60355	Np-236	-0.015 U	0.0269	0.009	0.047	0.00 - 0.50
6-00231	60355	Np-239	0.0013 U	0.0945	0.0277	0.139	0.00 - 0.50
6-00231	60355	Pa-231	-0.276 U	0.582	0.187	0.936	0.00 - 0.50
6-00231	60355	Pb-212	1.49	0.0248	0.0884	2.69	0.00 - 0.50
6-00231	60355	Pb-214	1.17	0.0255	0.0543	1.7	0.00 - 0.50
6-00231	60355	Pu-236	-0.0087 U	0.0303	0.0058	7.79	0.00 - 0.50
6-00231	60355	Pu-238	0.0002 U	0.0325	0.0081	0.0415	0.00 - 0.50
6-00231	60355	Pu-239/240	-0.0003 U	0.0198	0.0041	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00231	60355	Pu-244	0.005	0.0139	0.0041	0.0313	0.00 - 0.50
6-00231	60355	Sb-125	0.0033 U	0.0341	0.0104	0.354	0.00 - 0.50
6-00231	60355	Sn-126	0.0075 J	0.0136	0.0043	0.0237	0.00 - 0.50
6-00231	60355	Sr-90	0.12 U	0.246	0.0758	0.485	0.00 - 0.50
6-00231	60355	Th-228	1.33	0.0968	0.118	3.98	0.00 - 0.50
6-00231	60355	Th-229	0.0432	0.0501	0.0188	0.145	0.00 - 0.50
6-00231	60355	Th-230	1.01	0.058	0.0937	2.2	0.00 - 0.50
6-00231	60355	Th-232	1.22	0.0395	0.106	3.1	0.00 - 0.50
6-00231	60355	Th-234	1.75	0.218	0.146	3.19	0.00 - 0.50
6-00231	60355	Tl-208	0.445	0.0137	0.0242	0.937	0.00 - 0.50
6-00231	60355	Tm-171	5.73 J	11.3	3.92	72.4	0.00 - 0.50
6-00231	60355	U-233/234	0.911	0.0813	0.11	2.02	0.00 - 0.50
6-00231	60355	U-235/236	0.0649	0.0629	0.0276	0.151	0.00 - 0.50
6-00231	60355	U-238	1.06	0.0419	0.121	1.8	0.00 - 0.50
6-00231	60356	Ac-227	0.0115 U	0.229	0.0674	0.217	1.00 - 4.25
6-00231	60356	Ac-228	1.05	0.126	0.0506	2.4	1.00 - 4.25
6-00231	60356	Am-241	0 U	0.0176	0.0032	0.0454	1.00 - 4.25
6-00231	60356	Bi-212	0.824 J	0.176	0.0905	2.15	1.00 - 4.25
6-00231	60356	Bi-214	0.876	0.0384	0.0385	1.59	1.00 - 4.25
6-00231	60356	Cd-113m	12.4 U	146	46.1	3030	1.00 - 4.25
6-00231	60356	Cm-243/244	0.0052 U	0.0221	0.0059	0.0443	1.00 - 4.25
6-00231	60356	Co-60	-0.0052 U	0.0221	0.0066	0.028	1.00 - 4.25
6-00231	60356	Cs-134	0.0079 UJ	0.0193	0.0065	0.0864	1.00 - 4.25
6-00231	60356	Cs-137	-0.0016 U	0.023	0.0068	0.207	1.00 - 4.25
6-00231	60356	Eu-152	0.0196 U	0.058	0.0198	0.0566	1.00 - 4.25
6-00231	60356	Eu-154	-0.0208 U	0.13	0.0397	0.15	1.00 - 4.25
6-00231	60356	Eu-155	0.0541 U	0.0723	0.025	0.231	1.00 - 4.25
6-00231	60356	Ho-166m	0.012 UJ	0.0347	0.0103	0.0432	1.00 - 4.25
6-00231	60356	K-40	18.4	0.191	0.679	32.4	1.00 - 4.25
6-00231	60356	Na-22	-0.0067 U	0.0287	0.0086	0.037	1.00 - 4.25
6-00231	60356	Nb-94	0.0014 U	0.0198	0.0058	0.0214	1.00 - 4.25
6-00231	60356	Np-236	-0.0083 U	0.0394	0.0123	0.047	1.00 - 4.25
6-00231	60356	Np-239	0.0236 U	0.148	0.0436	0.139	1.00 - 4.25
6-00231	60356	Pa-231	0.0222 U	0.931	0.297	0.936	1.00 - 4.25
6-00231	60356	Pb-212	1.21	0.0377	0.0456	2.69	1.00 - 4.25
6-00231	60356	Pb-214	0.941	0.0399	0.0391	1.7	1.00 - 4.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00231	60356	Pu-236	0.0022	0.0059	0.0022	7.79	1.00 - 4.25
6-00231	60356	Pu-238	0.0028 U	0.0137	0.0034	0.0415	1.00 - 4.25
6-00231	60356	Pu-239/240	-0.0009 U	0.017	0.0031	0.0404	1.00 - 4.25
6-00231	60356	Pu-244	0.0018 U	0.0195	0.0046	0.0313	1.00 - 4.25
6-00231	60356	Sb-125	-0.0087 U	0.0553	0.0169	0.354	1.00 - 4.25
6-00231	60356	Sn-126	-0.0014 U	0.0211	0.0062	0.0237	1.00 - 4.25
6-00231	60356	Sr-90	0.0712 U	0.307	0.0889	0.485	1.00 - 4.25
6-00231	60356	Th-228	1.05	0.109	0.111	3.98	1.00 - 4.25
6-00231	60356	Th-229	0.0635	0.0191	0.0215	0.145	1.00 - 4.25
6-00231	60356	Th-230	0.888	0.0191	0.0949	2.2	1.00 - 4.25
6-00231	60356	Th-232	1.07	0.0652	0.108	3.1	1.00 - 4.25
6-00231	60356	Th-234	1.43	0.312	0.137	3.19	1.00 - 4.25
6-00231	60356	Tl-208	0.402	0.0207	0.0206	0.937	1.00 - 4.25
6-00231	60356	Tm-171	-4.41 U	12.9	4.48	72.4	1.00 - 4.25
6-00231	60356	U-233/234	0.958	0.0601	0.105	2.02	1.00 - 4.25
6-00231	60356	U-235/236	0.0687	0.0472	0.0246	0.151	1.00 - 4.25
6-00231	60356	U-238	1	0.0473	0.108	1.8	1.00 - 4.25
6-00232	60357	Ac-227	-0.068 U	0.222	0.0676	0.217	0.00 - 0.50
6-00232	60357	Ac-228	1.5	0.111	0.0729	2.4	0.00 - 0.50
6-00232	60357	Am-241	0.0013 U	0.0183	0.0041	0.0454	0.00 - 0.50
6-00232	60357	Bi-212	1.04 J	0.245	0.265	2.15	0.00 - 0.50
6-00232	60357	Bi-214	1.22	0.0362	0.0577	1.59	0.00 - 0.50
6-00232	60357	Cd-113m	11.1 U	147	43.1	3030	0.00 - 0.50
6-00232	60357	Cm-243/244	0.0007 U	0.0148	0.0029	0.0443	0.00 - 0.50
6-00232	60357	Co-60	0.0057 U	0.0221	0.0065	0.028	0.00 - 0.50
6-00232	60357	Cs-134	0.0051 U	0.0178	0.006	0.0864	0.00 - 0.50
6-00232	60357	Cs-137	0.0686	0.0225	0.0096	0.207	0.00 - 0.50
6-00232	60357	Eu-152	-0.0208 U	0.0538	0.0183	0.0566	0.00 - 0.50
6-00232	60357	Eu-154	-0.0483 U	0.116	0.0365	0.15	0.00 - 0.50
6-00232	60357	Eu-155	0.0794 SJ	0.0748	0.0292	0.231	0.00 - 0.50
6-00232	60357	Ho-166m	0.005 U	0.0321	0.0095	0.0432	0.00 - 0.50
6-00232	60357	K-40	23.6	0.166	1.45	32.4	0.00 - 0.50
6-00232	60357	Na-22	-0.0033 U	0.0259	0.0078	0.037	0.00 - 0.50
6-00232	60357	Nb-94	0.0099 SJ	0.0191	0.006	0.0214	0.00 - 0.50
6-00232	60357	Np-236	-0.0072 U	0.0412	0.0126	0.047	0.00 - 0.50
6-00232	60357	Np-239	0.0681 U	0.147	0.0454	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00232	60357	Pa-231	-0.0138 U	0.911	0.269	0.936	0.00 - 0.50
6-00232	60357	Pb-212	1.65	0.0362	0.0984	2.69	0.00 - 0.50
6-00232	60357	Pb-214	1.31	0.0382	0.0632	1.7	0.00 - 0.50
6-00232	60357	Pu-236	-0.0062 UJ	0.0422	0.0083	7.79	0.00 - 0.50
6-00232	60357	Pu-238	0.0146	0.0344	0.0105	0.0415	0.00 - 0.50
6-00232	60357	Pu-239/240	0.0228	0.0103	0.0094	0.0404	0.00 - 0.50
6-00232	60357	Pu-244	0	0.0103	0.0038	0.0313	0.00 - 0.50
6-00232	60357	Sb-125	0.0001 U	0.0511	0.0155	0.354	0.00 - 0.50
6-00232	60357	Sn-126	0.001 U	0.0214	0.0063	0.0237	0.00 - 0.50
6-00232	60357	Sr-90	0.0489 U	0.285	0.0808	0.485	0.00 - 0.50
6-00232	60357	Th-228	1.14	0.0197	0.112	3.98	0.00 - 0.50
6-00232	60357	Th-229	0.0212	0.0191	0.0123	0.145	0.00 - 0.50
6-00232	60357	Th-230	1.17	0.0191	0.113	2.2	0.00 - 0.50
6-00232	60357	Th-232	1.03	0.0756	0.105	3.1	0.00 - 0.50
6-00232	60357	Th-234	1.59 J	0.339	0.17	3.19	0.00 - 0.50
6-00232	60357	Tl-208	0.494	0.0193	0.0289	0.937	0.00 - 0.50
6-00232	60357	Tm-171	-1.67 U	16.4	5.37	72.4	0.00 - 0.50
6-00232	60357	U-233/234	1.05	0.0177	0.114	2.02	0.00 - 0.50
6-00232	60357	U-235/236	0.0725	0.0218	0.0248	0.151	0.00 - 0.50
6-00232	60357	U-238	1.14	0.0514	0.121	1.8	0.00 - 0.50
6-00232	60358	Ac-227	-0.0272 U	0.178	0.0528	0.217	1.00 - 3.50
6-00232	60358	Ac-228	1.48	0.088	0.0677	2.4	1.00 - 3.50
6-00232	60358	Am-241	-0.0071 U	0.0288	0.0055	0.0454	1.00 - 3.50
6-00232	60358	Bi-212	0.983	0.117	0.0814	2.15	1.00 - 3.50
6-00232	60358	Bi-214	1.19	0.028	0.0537	1.59	1.00 - 3.50
6-00232	60358	Cd-113m	29.3 U	120	36.7	3030	1.00 - 3.50
6-00232	60358	Cm-243/244	-0.0027 U	0.0211	0.0037	0.0443	1.00 - 3.50
6-00232	60358	Co-60	-0.0088 U	0.0151	0.005	0.028	1.00 - 3.50
6-00232	60358	Cs-134	0.0031 U	0.0134	0.0047	0.0864	1.00 - 3.50
6-00232	60358	Cs-137	-0.0151 UJ	0.0154	0.0059	0.207	1.00 - 3.50
6-00232	60358	Eu-152	-0.0204 U	0.0423	0.0147	0.0566	1.00 - 3.50
6-00232	60358	Eu-154	-0.0191 U	0.0845	0.0298	0.15	1.00 - 3.50
6-00232	60358	Eu-155	0.108 SJ	0.0609	0.0261	0.231	1.00 - 3.50
6-00232	60358	Ho-166m	0.0008 U	0.0246	0.0072	0.0432	1.00 - 3.50
6-00232	60358	K-40	20.2	0.123	1.14	32.4	1.00 - 3.50
6-00232	60358	Na-22	0.0002 U	0.0179	0.0057	0.037	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00232	60358	Nb-94	-0.0011 U	0.014	0.0041	0.0214	1.00 - 3.50
6-00232	60358	Np-236	-0.0235 U	0.0339	0.0119	0.047	1.00 - 3.50
6-00232	60358	Np-239	0.0376 U	0.124	0.0369	0.139	1.00 - 3.50
6-00232	60358	Pa-231	-0.231 U	0.725	0.239	0.936	1.00 - 3.50
6-00232	60358	Pb-212	1.58	0.0305	0.0945	2.69	1.00 - 3.50
6-00232	60358	Pb-214	1.3	0.0308	0.0613	1.7	1.00 - 3.50
6-00232	60358	Pu-236	-0.0058 UJ	0.0515	0.0109	7.79	1.00 - 3.50
6-00232	60358	Pu-238	0.0252	0.0391	0.0134	0.0415	1.00 - 3.50
6-00232	60358	Pu-239/240	-0.0093 UJ	0.0391	0.0069	0.0404	1.00 - 3.50
6-00232	60358	Pu-244	0.0043	0.0117	0.0043	0.0313	1.00 - 3.50
6-00232	60358	Sb-125	-0.0107 U	0.04	0.0124	0.354	1.00 - 3.50
6-00232	60358	Sn-126	0.0012 U	0.016	0.0046	0.0237	1.00 - 3.50
6-00232	60358	Sr-90	0.0779 U	0.277	0.0806	0.485	1.00 - 3.50
6-00232	60358	Th-228	1.27	0.136	0.128	3.98	1.00 - 3.50
6-00232	60358	Th-229	0.0073 U	0.0675	0.0162	0.145	1.00 - 3.50
6-00232	60358	Th-230	0.964	0.0196	0.101	2.2	1.00 - 3.50
6-00232	60358	Th-232	1.21	0.0671	0.119	3.1	1.00 - 3.50
6-00232	60358	Th-234	1.9	0.262	0.16	3.19	1.00 - 3.50
6-00232	60358	Tl-208	0.496	0.0154	0.028	0.937	1.00 - 3.50
6-00232	60358	Tm-171	-6.93 U	10.1	3.82	72.4	1.00 - 3.50
6-00232	60358	U-233/234	1.26	0.0147	0.124	2.02	1.00 - 3.50
6-00232	60358	U-235/236	0.047	0.0182	0.0181	0.151	1.00 - 3.50
6-00232	60358	U-238	1.11	0.0428	0.113	1.8	1.00 - 3.50
6-00233	60359	Ac-227	-0.0763 U	0.127	0.0439	0.217	0.00 - 0.50
6-00233	60359	Ac-228	1.08	0.0827	0.0492	2.4	0.00 - 0.50
6-00233	60359	Am-241	-0.0024 U	0.019	0.0034	0.0454	0.00 - 0.50
6-00233	60359	Bi-212	0.789 J	0.171	0.198	2.15	0.00 - 0.50
6-00233	60359	Bi-214	0.856	0.0249	0.0398	1.59	0.00 - 0.50
6-00233	60359	Cd-113m	-34.2 U	86.4	28.3	3030	0.00 - 0.50
6-00233	60359	Cm-243/244	-0.0025 U	0.0191	0.0034	0.0443	0.00 - 0.50
6-00233	60359	Co-60	0.0034 U	0.0156	0.0045	0.028	0.00 - 0.50
6-00233	60359	Cs-134	0.0118 SJ	0.0129	0.0051	0.0864	0.00 - 0.50
6-00233	60359	Cs-137	0.0564	0.0143	0.0072	0.207	0.00 - 0.50
6-00233	60359	Eu-152	-0.0292 UJ	0.0325	0.012	0.0566	0.00 - 0.50
6-00233	60359	Eu-154	-0.0312 U	0.0829	0.0302	0.15	0.00 - 0.50
6-00233	60359	Eu-155	0.0744 SJ	0.0376	0.0187	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00233	60359	Ho-166m	-0.0153 UJ	0.0214	0.0074	0.0432	0.00 - 0.50
6-00233	60359	K-40	22.1	0.119	1.19	32.4	0.00 - 0.50
6-00233	60359	Na-22	0.0018 U	0.0183	0.0059	0.037	0.00 - 0.50
6-00233	60359	Nb-94	0.0062 U	0.013	0.004	0.0214	0.00 - 0.50
6-00233	60359	Np-236	-0.0093 U	0.0207	0.0066	0.047	0.00 - 0.50
6-00233	60359	Np-239	0.0091 U	0.0842	0.0259	0.139	0.00 - 0.50
6-00233	60359	Pa-231	0.24 U	0.55	0.178	0.936	0.00 - 0.50
6-00233	60359	Pb-212	1.14	0.0226	0.0637	2.69	0.00 - 0.50
6-00233	60359	Pb-214	0.888	0.0246	0.0405	1.7	0.00 - 0.50
6-00233	60359	Pu-236	0.0055	0.0154	0.0046	7.79	0.00 - 0.50
6-00233	60359	Pu-238	0.0046	0.0062	0.0033	0.0415	0.00 - 0.50
6-00233	60359	Pu-239/240	0.0023	0.0062	0.0023	0.0404	0.00 - 0.50
6-00233	60359	Pu-244	0.0069	0.0062	0.004	0.0313	0.00 - 0.50
6-00233	60359	Sb-125	0.0157 U	0.0346	0.0107	0.354	0.00 - 0.50
6-00233	60359	Sn-126	0.0085 J	0.0143	0.0045	0.0237	0.00 - 0.50
6-00233	60359	Sr-90	0.186	0.259	0.0841	0.485	0.00 - 0.50
6-00233	60359	Th-228	1.04	0.0875	0.1	3.98	0.00 - 0.50
6-00233	60359	Th-229	0.0325	0.0583	0.0188	0.145	0.00 - 0.50
6-00233	60359	Th-230	0.659	0.0502	0.0712	2.2	0.00 - 0.50
6-00233	60359	Th-232	1.02	0.0396	0.0941	3.1	0.00 - 0.50
6-00233	60359	Th-234	1.25	0.155	0.0963	3.19	0.00 - 0.50
6-00233	60359	Tl-208	0.388	0.0129	0.0217	0.937	0.00 - 0.50
6-00233	60359	Tm-171	-0.642 UJ	4.92	1.59	72.4	0.00 - 0.50
6-00233	60359	U-233/234	0.686	0.0457	0.0682	2.02	0.00 - 0.50
6-00233	60359	U-235/236	0.0481	0.0295	0.0154	0.151	0.00 - 0.50
6-00233	60359	U-238	0.742	0.0389	0.072	1.8	0.00 - 0.50
6-00233	60360	Ac-227	0.0771 U	0.186	0.0591	0.217	1.00 - 2.00
6-00233	60360	Ac-228	1.15	0.081	0.0565	2.4	1.00 - 2.00
6-00233	60360	Am-241	0.0027	0.0073	0.0027	0.0454	1.00 - 2.00
6-00233	60360	Bi-212	0.757	0.111	0.063	2.15	1.00 - 2.00
6-00233	60360	Bi-214	0.882	0.0262	0.0413	1.59	1.00 - 2.00
6-00233	60360	Cd-113m	-38.4 U	120	39.8	3030	1.00 - 2.00
6-00233	60360	Cm-243/244	0.004 U	0.0151	0.0041	0.0443	1.00 - 2.00
6-00233	60360	Co-60	-0.004 U	0.0138	0.0043	0.028	1.00 - 2.00
6-00233	60360	Cs-134	0.0051 UJ	0.013	0.0045	0.0864	1.00 - 2.00
6-00233	60360	Cs-137	0.0053 U	0.0156	0.0048	0.207	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00233	60360	Eu-152	-0.0319 U	0.0426	0.0185	0.0566	1.00 - 2.00
6-00233	60360	Eu-154	-0.051 U	0.0797	0.027	0.15	1.00 - 2.00
6-00233	60360	Eu-155	0.0554 JS	0.0664	0.0222	0.231	1.00 - 2.00
6-00233	60360	Ho-166m	-0.0023 UJ	0.0228	0.0069	0.0432	1.00 - 2.00
6-00233	60360	K-40	19.5	0.117	1.19	32.4	1.00 - 2.00
6-00233	60360	Na-22	0.0101 J	0.0181	0.0057	0.037	1.00 - 2.00
6-00233	60360	Nb-94	0.0041 U	0.0133	0.004	0.0214	1.00 - 2.00
6-00233	60360	Np-236	-0.0114 U	0.0357	0.0114	0.047	1.00 - 2.00
6-00233	60360	Np-239	-0.028 U	0.122	0.0382	0.139	1.00 - 2.00
6-00233	60360	Pa-231	-0.145 U	0.747	0.253	0.936	1.00 - 2.00
6-00233	60360	Pb-212	1.33	0.0304	0.0812	2.69	1.00 - 2.00
6-00233	60360	Pb-214	0.978	0.0311	0.0471	1.7	1.00 - 2.00
6-00233	60360	Pu-236	-0.0016 U	0.0144	0.0028	7.79	1.00 - 2.00
6-00233	60360	Pu-238	-0.0036 U	0.0242	0.0048	0.0415	1.00 - 2.00
6-00233	60360	Pu-239/240	-0.0013 U	0.0242	0.0053	0.0404	1.00 - 2.00
6-00233	60360	Pu-244	0.0044	0.006	0.0032	0.0313	1.00 - 2.00
6-00233	60360	Sb-125	0.0038 U	0.0393	0.0116	0.354	1.00 - 2.00
6-00233	60360	Sn-126	0.0044 U	0.0146	0.0044	0.0237	1.00 - 2.00
6-00233	60360	Sr-90	-0.018 U	0.361	0.1	0.485	1.00 - 2.00
6-00233	60360	Th-228	1.37	0.0955	0.14	3.98	1.00 - 2.00
6-00233	60360	Th-229	0.103	0.0799	0.035	0.145	1.00 - 2.00
6-00233	60360	Th-230	0.875	0.0232	0.102	2.2	1.00 - 2.00
6-00233	60360	Th-232	1.18	0.063	0.124	3.1	1.00 - 2.00
6-00233	60360	Th-234	1.46 J	0.283	0.154	3.19	1.00 - 2.00
6-00233	60360	Tl-208	0.409	0.0138	0.0234	0.937	1.00 - 2.00
6-00233	60360	Tm-171	-9.41 U	13.2	5.03	72.4	1.00 - 2.00
6-00233	60360	U-233/234	0.657	0.0341	0.0767	2.02	1.00 - 2.00
6-00233	60360	U-235/236	0.0548	0.0422	0.0208	0.151	1.00 - 2.00
6-00233	60360	U-238	0.879	0.0145	0.0941	1.8	1.00 - 2.00
6-00234	60361	Ac-227	-0.0453 U	0.174	0.0553	0.217	0.00 - 0.50
6-00234	60361	Ac-228	1.14	0.114	0.0553	2.4	0.00 - 0.50
6-00234	60361	Am-241	0.0217	0.0425	0.0135	0.0454	0.00 - 0.50
6-00234	60361	Bi-212	0.674 J	0.145	0.0804	2.15	0.00 - 0.50
6-00234	60361	Bi-214	0.895	0.0343	0.045	1.59	0.00 - 0.50
6-00234	60361	Cd-113m	-3.47 U	119	36.7	3030	0.00 - 0.50
6-00234	60361	Cm-243/244	0.0087 UJ	0.0369	0.0098	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00234	60361	Co-60	-0.0079 U	0.0205	0.0064	0.028	0.00 - 0.50
6-00234	60361	Cs-134	0.0148 JS	0.0169	0.0064	0.0864	0.00 - 0.50
6-00234	60361	Cs-137	0.149	0.0187	0.012	0.207	0.00 - 0.50
6-00234	60361	Eu-152	-0.0332 UJ	0.0457	0.0162	0.0566	0.00 - 0.50
6-00234	60361	Eu-154	0.0069 U	0.112	0.0377	0.15	0.00 - 0.50
6-00234	60361	Eu-155	0.0875 JS	0.0513	0.0233	0.231	0.00 - 0.50
6-00234	60361	Ho-166m	-0.0048 UJ	0.0298	0.0087	0.0432	0.00 - 0.50
6-00234	60361	K-40	19.3	0.161	1.06	32.4	0.00 - 0.50
6-00234	60361	Na-22	-0.0144 U	0.0239	0.0079	0.037	0.00 - 0.50
6-00234	60361	Nb-94	0.0117 JS	0.018	0.0057	0.0214	0.00 - 0.50
6-00234	60361	Np-236	-0.014 U	0.0283	0.0091	0.047	0.00 - 0.50
6-00234	60361	Np-239	0.0448 U	0.118	0.0373	0.139	0.00 - 0.50
6-00234	60361	Pa-231	0.0481 U	0.739	0.228	0.936	0.00 - 0.50
6-00234	60361	Pb-212	1.21	0.0293	0.0684	2.69	0.00 - 0.50
6-00234	60361	Pb-214	0.96	0.0341	0.046	1.7	0.00 - 0.50
6-00234	60361	Pu-236	0.0024	0.0064	0.0024	7.79	0.00 - 0.50
6-00234	60361	Pu-238	0	0.0063	0.0023	0.0415	0.00 - 0.50
6-00234	60361	Pu-239/240	0.0116	0.0063	0.0052	0.0404	0.00 - 0.50
6-00234	60361	Pu-244	0.003 U	0.0148	0.0037	0.0313	0.00 - 0.50
6-00234	60361	Sb-125	0.0055 U	0.0455	0.0134	0.354	0.00 - 0.50
6-00234	60361	Sn-126	0.0026 U	0.0196	0.0056	0.0237	0.00 - 0.50
6-00234	60361	Sr-90	0.0997	0.155	0.0504	0.485	0.00 - 0.50
6-00234	60361	Th-228	1.25	0.156	0.141	3.98	0.00 - 0.50
6-00234	60361	Th-229	-0.0095 UJ	0.103	0.0213	0.145	0.00 - 0.50
6-00234	60361	Th-230	0.836	0.102	0.106	2.2	0.00 - 0.50
6-00234	60361	Th-232	1.26	0.0697	0.135	3.1	0.00 - 0.50
6-00234	60361	Th-234	1.52	0.2	0.13	3.19	0.00 - 0.50
6-00234	60361	Tl-208	0.402	0.0185	0.0246	0.937	0.00 - 0.50
6-00234	60361	Tm-171	-0.902 U	6.42	2.07	72.4	0.00 - 0.50
6-00234	60361	U-233/234	1.09	0.067	0.123	2.02	0.00 - 0.50
6-00234	60361	U-235/236	0.0732	0.0248	0.0265	0.151	0.00 - 0.50
6-00234	60361	U-238	1.1	0.0584	0.124	1.8	0.00 - 0.50
6-00234	60362	Ac-227	0.0338 U	0.173	0.0527	0.217	1.00 - 2.80
6-00234	60362	Ac-228	1.16	0.0788	0.0567	2.4	1.00 - 2.80
6-00234	60362	Am-241	0.0019 UJ	0.0411	0.0096	0.0454	1.00 - 2.80
6-00234	60362	Bi-212	0.777	0.112	0.0672	2.15	1.00 - 2.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00234	60362	Bi-214	0.897	0.0261	0.0436	1.59	1.00 - 2.80
6-00234	60362	Cd-113m	-8.77 U	113	37.2	3030	1.00 - 2.80
6-00234	60362	Cm-243/244	-0.0022 UJ	0.0453	0.01	0.0443	1.00 - 2.80
6-00234	60362	Co-60	-0.0014 U	0.0146	0.0043	0.028	1.00 - 2.80
6-00234	60362	Cs-134	0.0081 JS	0.013	0.0047	0.0864	1.00 - 2.80
6-00234	60362	Cs-137	0.0203	0.0156	0.0054	0.207	1.00 - 2.80
6-00234	60362	Eu-152	-0.014 U	0.0424	0.0147	0.0566	1.00 - 2.80
6-00234	60362	Eu-154	-0.082 UJ	0.0791	0.0321	0.15	1.00 - 2.80
6-00234	60362	Eu-155	0.0782 JS	0.0615	0.0214	0.231	1.00 - 2.80
6-00234	60362	Ho-166m	0.0023 UJ	0.0239	0.0071	0.0432	1.00 - 2.80
6-00234	60362	K-40	19.3	0.11	1.14	32.4	1.00 - 2.80
6-00234	60362	Na-22	-0.0069 U	0.0168	0.0053	0.037	1.00 - 2.80
6-00234	60362	Nb-94	0.0041 U	0.0135	0.0041	0.0214	1.00 - 2.80
6-00234	60362	Np-236	0.0049 U	0.0341	0.0102	0.047	1.00 - 2.80
6-00234	60362	Np-239	-0.0008 U	0.119	0.0359	0.139	1.00 - 2.80
6-00234	60362	Pa-231	-0.385 U	0.714	0.24	0.936	1.00 - 2.80
6-00234	60362	Pb-212	1.25	0.0287	0.077	2.69	1.00 - 2.80
6-00234	60362	Pb-214	0.98	0.0302	0.0486	1.7	1.00 - 2.80
6-00234	60362	Pu-236	-0.0018 U	0.0157	0.003	7.79	1.00 - 2.80
6-00234	60362	Pu-238	0.0049	0.0066	0.0034	0.0415	1.00 - 2.80
6-00234	60362	Pu-239/240	0.0073	0.0066	0.0042	0.0404	1.00 - 2.80
6-00234	60362	Pu-244	0.0048	0.0066	0.0034	0.0313	1.00 - 2.80
6-00234	60362	Sb-125	0.0054 U	0.0378	0.011	0.354	1.00 - 2.80
6-00234	60362	Sn-126	-0.0012 U	0.0147	0.0044	0.0237	1.00 - 2.80
6-00234	60362	Sr-90	-0.0532 U	0.193	0.0464	0.485	1.00 - 2.80
6-00234	60362	Th-228	1.36	0.0997	0.126	3.98	1.00 - 2.80
6-00234	60362	Th-229	0 U	0.0968	0.0241	0.145	1.00 - 2.80
6-00234	60362	Th-230	1.12	0.0473	0.107	2.2	1.00 - 2.80
6-00234	60362	Th-232	1.29	0.0472	0.118	3.1	1.00 - 2.80
6-00234	60362	Th-234	1.34 J	0.272	0.151	3.19	1.00 - 2.80
6-00234	60362	Tl-208	0.372	0.014	0.022	0.937	1.00 - 2.80
6-00234	60362	Tm-171	-12.2 UJ	12.3	5.11	72.4	1.00 - 2.80
6-00234	60362	U-233/234	0.995	0.0612	0.109	2.02	1.00 - 2.80
6-00234	60362	U-235/236	0.0097 U	0.048	0.012	0.151	1.00 - 2.80
6-00234	60362	U-238	1.07	0.0165	0.114	1.8	1.00 - 2.80
6-00235	60363	Ac-227	0.0111 U	0.166	0.0514	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00235	60363	Ac-228	1.34	0.0864	0.0619	2.4	0.00 - 0.50
6-00235	60363	Am-241	0	0.0072	0.0027	0.0454	0.00 - 0.50
6-00235	60363	Bi-212	0.911	0.112	0.0741	2.15	0.00 - 0.50
6-00235	60363	Bi-214	1.03	0.0254	0.0464	1.59	0.00 - 0.50
6-00235	60363	Cd-113m	-49.7 U	111	38.1	3030	0.00 - 0.50
6-00235	60363	Cm-243/244	0.0093	0.0149	0.0055	0.0443	0.00 - 0.50
6-00235	60363	Co-60	-0.009 U	0.0152	0.0051	0.028	0.00 - 0.50
6-00235	60363	Cs-134	0.0042 U	0.0129	0.0044	0.0864	0.00 - 0.50
6-00235	60363	Cs-137	0.0849	0.0144	0.0077	0.207	0.00 - 0.50
6-00235	60363	Eu-152	-0.0224 UJ	0.0397	0.0142	0.0566	0.00 - 0.50
6-00235	60363	Eu-154	-0.0005 U	0.085	0.03	0.15	0.00 - 0.50
6-00235	60363	Eu-155	0.083 SJ	0.062	0.0241	0.231	0.00 - 0.50
6-00235	60363	Ho-166m	0.0027 U	0.0221	0.0065	0.0432	0.00 - 0.50
6-00235	60363	K-40	24.3	0.102	1.5	32.4	0.00 - 0.50
6-00235	60363	Na-22	-0.0126 U	0.0182	0.0063	0.037	0.00 - 0.50
6-00235	60363	Nb-94	0.006 U	0.0129	0.004	0.0214	0.00 - 0.50
6-00235	60363	Np-236	-0.0072 U	0.0327	0.0103	0.047	0.00 - 0.50
6-00235	60363	Np-239	-0.0291 U	0.109	0.0346	0.139	0.00 - 0.50
6-00235	60363	Pa-231	0.0198 U	0.682	0.22	0.936	0.00 - 0.50
6-00235	60363	Pb-212	1.5	0.0288	0.0985	2.69	0.00 - 0.50
6-00235	60363	Pb-214	1.19	0.0281	0.0586	1.7	0.00 - 0.50
6-00235	60363	Pu-236	-0.0032 U	0.0174	0.0032	7.79	0.00 - 0.50
6-00235	60363	Pu-238	0.0018 U	0.0189	0.0045	0.0415	0.00 - 0.50
6-00235	60363	Pu-239/240	0.0303	0.0164	0.0088	0.0404	0.00 - 0.50
6-00235	60363	Pu-244	0.0068	0.0133	0.0045	0.0313	0.00 - 0.50
6-00235	60363	Sb-125	0.0064 U	0.0382	0.0115	0.354	0.00 - 0.50
6-00235	60363	Sn-126	-0.0078 U	0.0137	0.0045	0.0237	0.00 - 0.50
6-00235	60363	Sr-90	-0.0411 U	0.196	0.0516	0.485	0.00 - 0.50
6-00235	60363	Th-228	1.31	0.127	0.115	3.98	0.00 - 0.50
6-00235	60363	Th-229	0.0146 U	0.0453	0.0129	0.145	0.00 - 0.50
6-00235	60363	Th-230	0.934	0.0452	0.0853	2.2	0.00 - 0.50
6-00235	60363	Th-232	1.07	0.0451	0.0936	3.1	0.00 - 0.50
6-00235	60363	Th-234	1.66	0.274	0.157	3.19	0.00 - 0.50
6-00235	60363	Tl-208	0.47	0.0141	0.0254	0.937	0.00 - 0.50
6-00235	60363	Tm-171	-6.25 U	16.4	5.7	72.4	0.00 - 0.50
6-00235	60363	U-233/234	1.11	0.0593	0.12	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00235	60363	U-235/236	0.0809	0.0219	0.0263	0.151	0.00 - 0.50
6-00235	60363	U-238	1.03	0.0516	0.113	1.8	0.00 - 0.50
6-00235	60364	Ac-227	-0.0042 UJ	0.197	0.0603	0.217	1.00 - 5.00
6-00235	60364	Ac-228	1.22	0.0857	0.0599	2.4	1.00 - 5.00
6-00235	60364	Am-241	0.0045	0.0061	0.0032	0.0454	1.00 - 5.00
6-00235	60364	Bi-212	0.879	0.119	0.0713	2.15	1.00 - 5.00
6-00235	60364	Bi-214	0.994	0.0271	0.0461	1.59	1.00 - 5.00
6-00235	60364	Cd-113m	-27.6 U	127	41.2	3030	1.00 - 5.00
6-00235	60364	Cm-243/244	-0.0049 U	0.0205	0.0036	0.0443	1.00 - 5.00
6-00235	60364	Co-60	-0.0022 U	0.0155	0.0046	0.028	1.00 - 5.00
6-00235	60364	Cs-134	0.0018 U	0.0134	0.0046	0.0864	1.00 - 5.00
6-00235	60364	Cs-137	-0.0025 U	0.015	0.0053	0.207	1.00 - 5.00
6-00235	60364	Eu-152	-0.0054 U	0.0467	0.0181	0.0566	1.00 - 5.00
6-00235	60364	Eu-154	-0.0508 U	0.0845	0.0282	0.15	1.00 - 5.00
6-00235	60364	Eu-155	0.0916 SJ	0.07	0.0292	0.231	1.00 - 5.00
6-00235	60364	Ho-166m	-0.0169 UJ	0.0235	0.0083	0.0432	1.00 - 5.00
6-00235	60364	K-40	21.3	0.13	1.29	32.4	1.00 - 5.00
6-00235	60364	Na-22	-0.0046 U	0.0183	0.0056	0.037	1.00 - 5.00
6-00235	60364	Nb-94	0.0001 U	0.0144	0.0043	0.0214	1.00 - 5.00
6-00235	60364	Np-236	-0.0196 U	0.0375	0.0131	0.047	1.00 - 5.00
6-00235	60364	Np-239	0.0403 U	0.132	0.0413	0.139	1.00 - 5.00
6-00235	60364	Pa-231	0.172 U	0.798	0.256	0.936	1.00 - 5.00
6-00235	60364	Pb-212	1.45	0.0328	0.0889	2.69	1.00 - 5.00
6-00235	60364	Pb-214	1.16	0.0326	0.0553	1.7	1.00 - 5.00
6-00235	60364	Pu-236	-0.0118 UJ	0.0408	0.0078	7.79	1.00 - 5.00
6-00235	60364	Pu-238	0.0107 UJ	0.0417	0.0117	0.0415	1.00 - 5.00
6-00235	60364	Pu-239/240	-0.0093 UJ	0.0378	0.0072	0.0404	1.00 - 5.00
6-00235	60364	Pu-244	0.0091 J	0.0083	0.0053	0.0313	1.00 - 5.00
6-00235	60364	Sb-125	0.0309 SJ	0.0428	0.0142	0.354	1.00 - 5.00
6-00235	60364	Sn-126	-0.0056 U	0.0154	0.0049	0.0237	1.00 - 5.00
6-00235	60364	Sr-90	-0.0614 U	0.215	0.0511	0.485	1.00 - 5.00
6-00235	60364	Th-228	1.54	0.0932	0.139	3.98	1.00 - 5.00
6-00235	60364	Th-229	0.0275 U	0.0826	0.0239	0.145	1.00 - 5.00
6-00235	60364	Th-230	0.947	0.0505	0.0977	2.2	1.00 - 5.00
6-00235	60364	Th-232	1.48	0.0503	0.132	3.1	1.00 - 5.00
6-00235	60364	Th-234	1.9	0.311	0.179	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00235	60364	Tl-208	0.431	0.0159	0.0237	0.937	1.00 - 5.00
6-00235	60364	Tm-171	-10.8 U	14.4	5.54	72.4	1.00 - 5.00
6-00235	60364	U-233/234	1.3	0.0668	0.13	2.02	1.00 - 5.00
6-00235	60364	U-235/236	0.0727	0.0451	0.0246	0.151	1.00 - 5.00
6-00235	60364	U-238	1.17	0.0451	0.119	1.8	1.00 - 5.00
6-00236	60365	Ac-227	-0.0757 U	0.129	0.0469	0.217	0.00 - 0.50
6-00236	60365	Ac-228	1.25	0.0614	0.0574	2.4	0.00 - 0.50
6-00236	60365	Am-241	0.0026 U	0.0225	0.0053	0.0454	0.00 - 0.50
6-00236	60365	Bi-212	0.811	0.0872	0.0578	2.15	0.00 - 0.50
6-00236	60365	Bi-214	1.01	0.0204	0.044	1.59	0.00 - 0.50
6-00236	60365	Cd-113m	-56.2 U	84	28.3	3030	0.00 - 0.50
6-00236	60365	Cm-243/244	-0.0027 U	0.0182	0.0033	0.0443	0.00 - 0.50
6-00236	60365	Co-60	-0.0014 U	0.0118	0.0036	0.028	0.00 - 0.50
6-00236	60365	Cs-134	0.0105 SJ	0.0105	0.0043	0.0864	0.00 - 0.50
6-00236	60365	Cs-137	0.123	0.0109	0.0083	0.207	0.00 - 0.50
6-00236	60365	Eu-152	-0.0101 UJ	0.031	0.0108	0.0566	0.00 - 0.50
6-00236	60365	Eu-154	0.0255 U	0.065	0.0224	0.15	0.00 - 0.50
6-00236	60365	Eu-155	0.091 SJ	0.0457	0.0234	0.231	0.00 - 0.50
6-00236	60365	Ho-166m	-0.0076 U	0.0167	0.0055	0.0432	0.00 - 0.50
6-00236	60365	K-40	23.1	0.0799	1.28	32.4	0.00 - 0.50
6-00236	60365	Na-22	0.0028 U	0.0141	0.0042	0.037	0.00 - 0.50
6-00236	60365	Nb-94	0.0061 SJ	0.0102	0.0034	0.0214	0.00 - 0.50
6-00236	60365	Np-236	-0.019 UJ	0.024	0.0087	0.047	0.00 - 0.50
6-00236	60365	Np-239	0.0249 U	0.0867	0.0276	0.139	0.00 - 0.50
6-00236	60365	Pa-231	-0.025 U	0.531	0.156	0.936	0.00 - 0.50
6-00236	60365	Pb-212	1.4	0.0226	0.0813	2.69	0.00 - 0.50
6-00236	60365	Pb-214	1.16	0.0218	0.0522	1.7	0.00 - 0.50
6-00236	60365	Pu-236	-0.0129 U	0.0417	0.0089	7.79	0.00 - 0.50
6-00236	60365	Pu-238	-0.0054 U	0.0429	0.0104	0.0415	0.00 - 0.50
6-00236	60365	Pu-239/240	-0.0032 U	0.0281	0.006	0.0404	0.00 - 0.50
6-00236	60365	Pu-244	0.0072	0.0065	0.0042	0.0313	0.00 - 0.50
6-00236	60365	Sb-125	-0.0032 U	0.0295	0.0089	0.354	0.00 - 0.50
6-00236	60365	Sn-126	0.0052 U	0.0113	0.0036	0.0237	0.00 - 0.50
6-00236	60365	Sr-90	0.0357 U	0.132	0.0385	0.485	0.00 - 0.50
6-00236	60365	Th-228	1.33	0.0644	0.118	3.98	0.00 - 0.50
6-00236	60365	Th-229	0.0498	0.0407	0.0186	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00236	60365	Th-230	0.9	0.0663	0.0883	2.2	0.00 - 0.50
6-00236	60365	Th-232	1.26	0.0149	0.109	3.1	0.00 - 0.50
6-00236	60365	Th-234	1.49	0.192	0.129	3.19	0.00 - 0.50
6-00236	60365	Tl-208	0.436	0.0114	0.023	0.937	0.00 - 0.50
6-00236	60365	Tm-171	0.808 U	8.64	2.88	72.4	0.00 - 0.50
6-00236	60365	U-233/234	0.869	0.016	0.0965	2.02	0.00 - 0.50
6-00236	60365	U-235/236	0.116	0.0663	0.0335	0.151	0.00 - 0.50
6-00236	60365	U-238	0.884	0.0377	0.098	1.8	0.00 - 0.50
6-00237	60367	Ac-227	-0.0811 U	0.176	0.0564	0.217	0.00 - 0.50
6-00237	60367	Ac-228	1.3	0.0872	0.0612	2.4	0.00 - 0.50
6-00237	60367	Am-241	0.0128	0.0238	0.0074	0.0454	0.00 - 0.50
6-00237	60367	Bi-212	0.921	0.121	0.0771	2.15	0.00 - 0.50
6-00237	60367	Bi-214	1.12	0.0289	0.0515	1.59	0.00 - 0.50
6-00237	60367	Cd-113m	-49.8 U	115	36.9	3030	0.00 - 0.50
6-00237	60367	Cm-243/244	-0.0029 U	0.0216	0.005	0.0443	0.00 - 0.50
6-00237	60367	Co-60	-0.0013 U	0.017	0.0049	0.028	0.00 - 0.50
6-00237	60367	Cs-134	0.0114 JS	0.0145	0.0055	0.0864	0.00 - 0.50
6-00237	60367	Cs-137	0.325	0.0154	0.0194	0.207	0.00 - 0.50
6-00237	60367	Eu-152	-0.0255 UJ	0.043	0.0164	0.0566	0.00 - 0.50
6-00237	60367	Eu-154	0.0107 U	0.0917	0.0314	0.15	0.00 - 0.50
6-00237	60367	Eu-155	0.0719 JS	0.0613	0.0256	0.231	0.00 - 0.50
6-00237	60367	Ho-166m	0.0104 U	0.0243	0.0076	0.0432	0.00 - 0.50
6-00237	60367	K-40	27.4	0.126	1.72	32.4	0.00 - 0.50
6-00237	60367	Na-22	0.0016 U	0.0219	0.0066	0.037	0.00 - 0.50
6-00237	60367	Nb-94	0.0041 U	0.0142	0.0043	0.0214	0.00 - 0.50
6-00237	60367	Np-236	-0.0076 UJ	0.0326	0.0102	0.047	0.00 - 0.50
6-00237	60367	Np-239	0.0092 U	0.118	0.0351	0.139	0.00 - 0.50
6-00237	60367	Pa-231	-0.0353 U	0.738	0.23	0.936	0.00 - 0.50
6-00237	60367	Pb-212	1.51	0.0304	0.0912	2.69	0.00 - 0.50
6-00237	60367	Pb-214	1.26	0.0315	0.0584	1.7	0.00 - 0.50
6-00237	60367	Pu-236	-0.0035 U	0.0211	0.0043	7.79	0.00 - 0.50
6-00237	60367	Pu-238	0.0033 U	0.0219	0.0058	0.0415	0.00 - 0.50
6-00237	60367	Pu-239/240	-0.0033 U	0.0278	0.0067	0.0404	0.00 - 0.50
6-00237	60367	Pu-244	-0.0017 U	0.0155	0.0029	0.0313	0.00 - 0.50
6-00237	60367	Sb-125	0.0054 U	0.0418	0.0122	0.354	0.00 - 0.50
6-00237	60367	Sn-126	-0.0061 U	0.0154	0.0049	0.0237	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00237	60367	Sr-90	0.0001 U	0.0863	0.0229	0.485	0.00 - 0.50
6-00237	60367	Th-228	1.08	0.0882	0.108	3.98	0.00 - 0.50
6-00237	60367	Th-229	0.0315	0.0585	0.019	0.145	0.00 - 0.50
6-00237	60367	Th-230	0.898	0.017	0.0911	2.2	0.00 - 0.50
6-00237	60367	Th-232	1.13	0.0461	0.106	3.1	0.00 - 0.50
6-00237	60367	Th-234	1.59 J	0.265	0.163	3.19	0.00 - 0.50
6-00237	60367	Tl-208	0.456	0.0153	0.0254	0.937	0.00 - 0.50
6-00237	60367	Tm-171	1.22 U	14.1	4.72	72.4	0.00 - 0.50
6-00237	60367	U-233/234	0.901	0.0342	0.096	2.02	0.00 - 0.50
6-00237	60367	U-235/236	0.0502	0.0524	0.0214	0.151	0.00 - 0.50
6-00237	60367	U-238	0.942	0.0342	0.0992	1.8	0.00 - 0.50
6-00237	60368	Ac-227	-0.0367 U	0.15	0.0447	0.217	1.00 - 2.70
6-00237	60368	Ac-228	0.958	0.0746	0.0479	2.4	1.00 - 2.70
6-00237	60368	Am-241	0.0077	0.0172	0.0054	0.0454	1.00 - 2.70
6-00237	60368	Bi-212	0.599	0.0969	0.0577	2.15	1.00 - 2.70
6-00237	60368	Bi-214	0.738	0.0227	0.0359	1.59	1.00 - 2.70
6-00237	60368	Cd-113m	5.78 U	98.4	29.5	3030	1.00 - 2.70
6-00237	60368	Cm-243/244	0.0078	0.0172	0.0054	0.0443	1.00 - 2.70
6-00237	60368	Co-60	0.0001 U	0.0133	0.0039	0.028	1.00 - 2.70
6-00237	60368	Cs-134	0.0051 U	0.0113	0.0039	0.0864	1.00 - 2.70
6-00237	60368	Cs-137	0.0508	0.0139	0.0065	0.207	1.00 - 2.70
6-00237	60368	Eu-152	0.0128 U	0.0364	0.0131	0.0566	1.00 - 2.70
6-00237	60368	Eu-154	-0.0117 U	0.0782	0.0233	0.15	1.00 - 2.70
6-00237	60368	Eu-155	0.0401 JS	0.0506	0.0171	0.231	1.00 - 2.70
6-00237	60368	Ho-166m	-0.0071 U	0.019	0.0061	0.0432	1.00 - 2.70
6-00237	60368	K-40	20.7	0.0906	1.18	32.4	1.00 - 2.70
6-00237	60368	Na-22	0.0018 U	0.016	0.0047	0.037	1.00 - 2.70
6-00237	60368	Nb-94	0.0035 U	0.0118	0.0036	0.0214	1.00 - 2.70
6-00237	60368	Np-236	-0.0102 U	0.0279	0.0089	0.047	1.00 - 2.70
6-00237	60368	Np-239	-0.0171 U	0.0981	0.031	0.139	1.00 - 2.70
6-00237	60368	Pa-231	-0.128 U	0.605	0.18	0.936	1.00 - 2.70
6-00237	60368	Pb-212	1.03	0.0244	0.0618	2.69	1.00 - 2.70
6-00237	60368	Pb-214	0.817	0.0256	0.0403	1.7	1.00 - 2.70
6-00237	60368	Pu-236	0.0003 U	0.0277	0.0062	7.79	1.00 - 2.70
6-00237	60368	Pu-238	-0.0044 U	0.0297	0.0058	0.0415	1.00 - 2.70
6-00237	60368	Pu-239/240	-0.0004 U	0.0246	0.0051	0.0404	1.00 - 2.70

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00237	60368	Pu-244	0.0008 U	0.0173	0.0034	0.0313	1.00 - 2.70
6-00237	60368	Sb-125	-0.0025 U	0.0334	0.01	0.354	1.00 - 2.70
6-00237	60368	Sn-126	-0.0026 U	0.0129	0.004	0.0237	1.00 - 2.70
6-00237	60368	Sr-90	0.0233 U	0.159	0.0435	0.485	1.00 - 2.70
6-00237	60368	Th-228	1.36	0.0516	0.125	3.98	1.00 - 2.70
6-00237	60368	Th-229	0.0206 U	0.0738	0.0206	0.145	1.00 - 2.70
6-00237	60368	Th-230	0.848	0.0185	0.0903	2.2	1.00 - 2.70
6-00237	60368	Th-232	1.15	0.0633	0.111	3.1	1.00 - 2.70
6-00237	60368	Th-234	1.15 J	0.226	0.119	3.19	1.00 - 2.70
6-00237	60368	Tl-208	0.346	0.0121	0.0199	0.937	1.00 - 2.70
6-00237	60368	Tm-171	-1.6 U	9.23	3.1	72.4	1.00 - 2.70
6-00237	60368	U-233/234	0.842	0.0712	0.095	2.02	1.00 - 2.70
6-00237	60368	U-235/236	0.0446	0.0452	0.0197	0.151	1.00 - 2.70
6-00237	60368	U-238	0.859	0.0453	0.0952	1.8	1.00 - 2.70
6-00238	60369	Ac-227	-0.007 U	0.135	0.0417	0.217	0.00 - 0.50
6-00238	60369	Ac-228	1.28	0.0805	0.0573	2.4	0.00 - 0.50
6-00238	60369	Am-241	0.0048	0.0134	0.004	0.0454	0.00 - 0.50
6-00238	60369	Bi-212	0.929	0.104	0.0681	2.15	0.00 - 0.50
6-00238	60369	Bi-214	1.24	0.0232	0.0594	1.59	0.00 - 0.50
6-00238	60369	Cd-113m	-35.7 U	89.4	29.1	3030	0.00 - 0.50
6-00238	60369	Cm-243/244	-0.0015 U	0.0135	0.0026	0.0443	0.00 - 0.50
6-00238	60369	Co-60	0.0064 U	0.0158	0.0048	0.028	0.00 - 0.50
6-00238	60369	Cs-134	0.0061 SJ	0.0123	0.0044	0.0864	0.00 - 0.50
6-00238	60369	Cs-137	0.0963	0.0141	0.0083	0.207	0.00 - 0.50
6-00238	60369	Eu-152	-0.0314 UJ	0.034	0.0133	0.0566	0.00 - 0.50
6-00238	60369	Eu-154	0.0322 U	0.0837	0.0294	0.15	0.00 - 0.50
6-00238	60369	Eu-155	0.0762 SJ	0.0403	0.0172	0.231	0.00 - 0.50
6-00238	60369	Ho-166m	0.0056 U	0.0221	0.0065	0.0432	0.00 - 0.50
6-00238	60369	K-40	24.7	0.103	1.31	32.4	0.00 - 0.50
6-00238	60369	Na-22	-0.0177 UJ	0.0178	0.0069	0.037	0.00 - 0.50
6-00238	60369	Nb-94	0.0075 SJ	0.0127	0.004	0.0214	0.00 - 0.50
6-00238	60369	Np-236	-0.005 U	0.0225	0.007	0.047	0.00 - 0.50
6-00238	60369	Np-239	0.0021 U	0.0873	0.0267	0.139	0.00 - 0.50
6-00238	60369	Pa-231	-0.224 U	0.554	0.182	0.936	0.00 - 0.50
6-00238	60369	Pb-212	1.47	0.0232	0.0803	2.69	0.00 - 0.50
6-00238	60369	Pb-214	1.42	0.0247	0.0621	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00238	60369	Pu-236	-0.0022 U	0.0249	0.005	7.79	0.00 - 0.50
6-00238	60369	Pu-238	0.0013 U	0.0185	0.0041	0.0415	0.00 - 0.50
6-00238	60369	Pu-239/240	-0.0001 U	0.029	0.0069	0.0404	0.00 - 0.50
6-00238	60369	Pu-244	0.0007 U	0.0149	0.0029	0.0313	0.00 - 0.50
6-00238	60369	Sb-125	-0.0017 U	0.0345	0.0103	0.354	0.00 - 0.50
6-00238	60369	Sn-126	0.0005 U	0.014	0.0041	0.0237	0.00 - 0.50
6-00238	60369	Sr-90	0.14	0.172	0.0578	0.485	0.00 - 0.50
6-00238	60369	Th-228	1.39	0.14	0.126	3.98	0.00 - 0.50
6-00238	60369	Th-229	0.102	0.0679	0.0294	0.145	0.00 - 0.50
6-00238	60369	Th-230	1.29	0.0678	0.113	2.2	0.00 - 0.50
6-00238	60369	Th-232	1.11	0.0523	0.101	3.1	0.00 - 0.50
6-00238	60369	Th-234	1.66	0.165	0.111	3.19	0.00 - 0.50
6-00238	60369	Tl-208	0.47	0.0134	0.0263	0.937	0.00 - 0.50
6-00238	60369	Tm-171	1.8 UJ	5.13	1.66	72.4	0.00 - 0.50
6-00238	60369	U-233/234	1.02	0.034	0.0888	2.02	0.00 - 0.50
6-00238	60369	U-235/236	0.077	0.0258	0.0179	0.151	0.00 - 0.50
6-00238	60369	U-238	1.04	0.0305	0.0903	1.8	0.00 - 0.50
6-00238	60370	Ac-227	-0.0913 UJ	0.121	0.0438	0.217	1.00 - 2.00
6-00238	60370	Ac-228	1.27	0.0742	0.0563	2.4	1.00 - 2.00
6-00238	60370	Am-241	0.0122	0.0147	0.0059	0.0454	1.00 - 2.00
6-00238	60370	Bi-212	0.947	0.0991	0.0727	2.15	1.00 - 2.00
6-00238	60370	Bi-214	1.09	0.0219	0.0486	1.59	1.00 - 2.00
6-00238	60370	Cd-113m	10.1 U	82.4	25.4	3030	1.00 - 2.00
6-00238	60370	Cm-243/244	0.0066 U	0.021	0.0059	0.0443	1.00 - 2.00
6-00238	60370	Co-60	0.0012 UJ	0.0137	0.004	0.028	1.00 - 2.00
6-00238	60370	Cs-134	0.0001 U	0.0108	0.0038	0.0864	1.00 - 2.00
6-00238	60370	Cs-137	0.0021 UJ	0.014	0.0046	0.207	1.00 - 2.00
6-00238	60370	Eu-152	-0.0175 U	0.0311	0.0104	0.0566	1.00 - 2.00
6-00238	60370	Eu-154	-0.0062 U	0.0786	0.0238	0.15	1.00 - 2.00
6-00238	60370	Eu-155	0.0656 JS	0.0372	0.0173	0.231	1.00 - 2.00
6-00238	60370	Ho-166m	-0.0114 U	0.0195	0.0064	0.0432	1.00 - 2.00
6-00238	60370	K-40	22.6	0.0879	1.2	32.4	1.00 - 2.00
6-00238	60370	Na-22	-0.0125 UJ	0.0157	0.0056	0.037	1.00 - 2.00
6-00238	60370	Nb-94	0.0016 U	0.0116	0.0034	0.0214	1.00 - 2.00
6-00238	60370	Np-236	-0.0128 U	0.0205	0.0068	0.047	1.00 - 2.00
6-00238	60370	Np-239	-0.01 U	0.0798	0.0246	0.139	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00238	60370	Pa-231	-0.0921 U	0.499	0.157	0.936	1.00 - 2.00
6-00238	60370	Pb-212	1.41	0.0209	0.0766	2.69	1.00 - 2.00
6-00238	60370	Pb-214	1.13	0.0228	0.0505	1.7	1.00 - 2.00
6-00238	60370	Pu-236	-0.0074 U	0.0351	0.0079	7.79	1.00 - 2.00
6-00238	60370	Pu-238	-0.0066 U	0.0349	0.008	0.0415	1.00 - 2.00
6-00238	60370	Pu-239/240	0.0048	0.0135	0.004	0.0404	1.00 - 2.00
6-00238	60370	Pu-244	0.007	0.0135	0.0045	0.0313	1.00 - 2.00
6-00238	60370	Sb-125	0.0187 JS	0.031	0.01	0.354	1.00 - 2.00
6-00238	60370	Sn-126	-0.0011 U	0.0128	0.0037	0.0237	1.00 - 2.00
6-00238	60370	Sr-90	-0.0485 U	0.247	0.0609	0.485	1.00 - 2.00
6-00238	60370	Th-228	1.61	0.0752	0.142	3.98	1.00 - 2.00
6-00238	60370	Th-229	0.0133 U	0.0714	0.0188	0.145	1.00 - 2.00
6-00238	60370	Th-230	1.09	0.0615	0.106	2.2	1.00 - 2.00
6-00238	60370	Th-232	1.34	0.0613	0.122	3.1	1.00 - 2.00
6-00238	60370	Th-234	1.48	0.146	0.1	3.19	1.00 - 2.00
6-00238	60370	Tl-208	0.457	0.0122	0.0255	0.937	1.00 - 2.00
6-00238	60370	Tm-171	0.917 U	4.63	1.59	72.4	1.00 - 2.00
6-00238	60370	U-233/234	0.948	0.0554	0.101	2.02	1.00 - 2.00
6-00238	60370	U-235/236	0.0516	0.0539	0.022	0.151	1.00 - 2.00
6-00238	60370	U-238	0.942	0.0436	0.1	1.8	1.00 - 2.00
6-00239	60371	Ac-227	0.0106 U	0.16	0.048	0.217	0.00 - 0.50
6-00239	60371	Ac-228	1.28	0.0749	0.0623	2.4	0.00 - 0.50
6-00239	60371	Am-241	0.0061	0.0055	0.0035	0.0454	0.00 - 0.50
6-00239	60371	Bi-212	0.872	0.103	0.0661	2.15	0.00 - 0.50
6-00239	60371	Bi-214	1	0.023	0.0447	1.59	0.00 - 0.50
6-00239	60371	Cd-113m	-88.7 UJ	105	40.1	3030	0.00 - 0.50
6-00239	60371	Cm-243/244	0	0.0055	0.002	0.0443	0.00 - 0.50
6-00239	60371	Co-60	-0.0073 U	0.0132	0.0043	0.028	0.00 - 0.50
6-00239	60371	Cs-134	0.0047 U	0.0118	0.0041	0.0864	0.00 - 0.50
6-00239	60371	Cs-137	0.0646	0.0132	0.007	0.207	0.00 - 0.50
6-00239	60371	Eu-152	-0.0281 U	0.0377	0.0158	0.0566	0.00 - 0.50
6-00239	60371	Eu-154	0.077 J	0.0769	0.0313	0.15	0.00 - 0.50
6-00239	60371	Eu-155	0.0325 JS	0.059	0.0198	0.231	0.00 - 0.50
6-00239	60371	Ho-166m	-0.0103 U	0.02	0.0065	0.0432	0.00 - 0.50
6-00239	60371	K-40	25.6	0.092	1.67	32.4	0.00 - 0.50
6-00239	60371	Na-22	-0.0016 U	0.0165	0.0049	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00239	60371	Nb-94	-0.0004 U	0.0116	0.0034	0.0214	0.00 - 0.50
6-00239	60371	Np-236	-0.0094 U	0.0313	0.0095	0.047	0.00 - 0.50
6-00239	60371	Np-239	0.0022 U	0.108	0.0324	0.139	0.00 - 0.50
6-00239	60371	Pa-231	-0.51 U	0.64	0.258	0.936	0.00 - 0.50
6-00239	60371	Pb-212	1.5	0.0276	0.0988	2.69	0.00 - 0.50
6-00239	60371	Pb-214	1.12	0.0271	0.0549	1.7	0.00 - 0.50
6-00239	60371	Pu-236	0.0013 U	0.018	0.0046	7.79	0.00 - 0.50
6-00239	60371	Pu-238	-0.0024 U	0.0171	0.0038	0.0415	0.00 - 0.50
6-00239	60371	Pu-239/240	0.0182	0.0089	0.0051	0.0404	0.00 - 0.50
6-00239	60371	Pu-244	0.0073	0.0089	0.0035	0.0313	0.00 - 0.50
6-00239	60371	Sb-125	-0.0038 U	0.0353	0.0108	0.354	0.00 - 0.50
6-00239	60371	Sn-126	-0.0018 U	0.0128	0.0038	0.0237	0.00 - 0.50
6-00239	60371	Sr-90	0.0051 U	0.0806	0.0218	0.485	0.00 - 0.50
6-00239	60371	Th-228	1.38	0.0549	0.13	3.98	0.00 - 0.50
6-00239	60371	Th-229	0 U	0.0753	0.0171	0.145	0.00 - 0.50
6-00239	60371	Th-230	0.991	0.0189	0.101	2.2	0.00 - 0.50
6-00239	60371	Th-232	1.27	0.0646	0.121	3.1	0.00 - 0.50
6-00239	60371	Th-234	1.57	0.251	0.153	3.19	0.00 - 0.50
6-00239	60371	Tl-208	0.457	0.0127	0.025	0.937	0.00 - 0.50
6-00239	60371	Tm-171	-6.96 U	12.8	4.85	72.4	0.00 - 0.50
6-00239	60371	U-233/234	0.766	0.0755	0.0908	2.02	0.00 - 0.50
6-00239	60371	U-235/236	0.0527	0.0204	0.0203	0.151	0.00 - 0.50
6-00239	60371	U-238	0.909	0.0388	0.101	1.8	0.00 - 0.50
6-00240	60373	Ac-227	-0.0526 U	0.149	0.0479	0.217	0.00 - 0.50
6-00240	60373	Ac-228	1.37	0.0798	0.0625	2.4	0.00 - 0.50
6-00240	60373	Am-241	0.0045 U	0.0139	0.004	0.0454	0.00 - 0.50
6-00240	60373	Bi-212	1.1	0.104	0.0757	2.15	0.00 - 0.50
6-00240	60373	Bi-214	1.31	0.0248	0.0569	1.59	0.00 - 0.50
6-00240	60373	Cd-113m	27 UJ	99.6	31.1	3030	0.00 - 0.50
6-00240	60373	Cm-243/244	0 U	0.014	0.003	0.0443	0.00 - 0.50
6-00240	60373	Co-60	-0.0144 UJ	0.0135	0.0056	0.028	0.00 - 0.50
6-00240	60373	Cs-134	0.0002 U	0.0125	0.0043	0.0864	0.00 - 0.50
6-00240	60373	Cs-137	0.103	0.0131	0.008	0.207	0.00 - 0.50
6-00240	60373	Eu-152	-0.0163 U	0.0367	0.0118	0.0566	0.00 - 0.50
6-00240	60373	Eu-154	-0.0375 U	0.0795	0.0257	0.15	0.00 - 0.50
6-00240	60373	Eu-155	0.107 JS	0.0508	0.0235	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00240	60373	Ho-166m	-0.0086 U	0.0202	0.0066	0.0432	0.00 - 0.50
6-00240	60373	K-40	25.8	0.106	1.45	32.4	0.00 - 0.50
6-00240	60373	Na-22	-0.0017 U	0.017	0.006	0.037	0.00 - 0.50
6-00240	60373	Nb-94	0.0025 U	0.0125	0.0038	0.0214	0.00 - 0.50
6-00240	60373	Np-236	-0.0247 UJ	0.027	0.01	0.047	0.00 - 0.50
6-00240	60373	Np-239	0.0052 U	0.0984	0.03	0.139	0.00 - 0.50
6-00240	60373	Pa-231	-0.0521 U	0.619	0.192	0.936	0.00 - 0.50
6-00240	60373	Pb-212	1.61	0.0269	0.0952	2.69	0.00 - 0.50
6-00240	60373	Pb-214	1.46	0.0266	0.0663	1.7	0.00 - 0.50
6-00240	60373	Pu-236	-0.006 U	0.0284	0.006	7.79	0.00 - 0.50
6-00240	60373	Pu-238	0.0115	0.023	0.0072	0.0415	0.00 - 0.50
6-00240	60373	Pu-239/240	0 U	0.0177	0.0038	0.0404	0.00 - 0.50
6-00240	60373	Pu-244	0.0057	0.0052	0.0033	0.0313	0.00 - 0.50
6-00240	60373	Sb-125	-0.0037 U	0.0358	0.0106	0.354	0.00 - 0.50
6-00240	60373	Sn-126	-0.0127 UJ	0.013	0.0051	0.0237	0.00 - 0.50
6-00240	60373	Sr-90	0.0762 U	0.153	0.0472	0.485	0.00 - 0.50
6-00240	60373	Th-228	1.35	0.11	0.13	3.98	0.00 - 0.50
6-00240	60373	Th-229	-0.0136 U	0.089	0.0192	0.145	0.00 - 0.50
6-00240	60373	Th-230	0.996	0.107	0.104	2.2	0.00 - 0.50
6-00240	60373	Th-232	1.36	0.0183	0.124	3.1	0.00 - 0.50
6-00240	60373	Th-234	1.77 J	0.219	0.143	3.19	0.00 - 0.50
6-00240	60373	Tl-208	0.476	0.0137	0.0256	0.937	0.00 - 0.50
6-00240	60373	Tm-171	-3.33 U	10.5	3.75	72.4	0.00 - 0.50
6-00240	60373	U-233/234	1.27	0.065	0.125	2.02	0.00 - 0.50
6-00240	60373	U-235/236	0.0166 U	0.0512	0.0146	0.151	0.00 - 0.50
6-00240	60373	U-238	1.1	0.0526	0.111	1.8	0.00 - 0.50
6-00240	60374	Ac-227	-0.154 U	0.22	0.0787	0.217	1.00 - 2.00
6-00240	60374	Ac-228	1.27	0.107	0.0623	2.4	1.00 - 2.00
6-00240	60374	Am-241	0.0034 U	0.0169	0.0042	0.0454	1.00 - 2.00
6-00240	60374	Bi-212	0.924	0.14	0.0762	2.15	1.00 - 2.00
6-00240	60374	Bi-214	1.26	0.0339	0.0581	1.59	1.00 - 2.00
6-00240	60374	Cd-113m	-159 UJ	144	61.3	3030	1.00 - 2.00
6-00240	60374	Cm-243/244	-0.0069 U	0.0289	0.005	0.0443	1.00 - 2.00
6-00240	60374	Co-60	-0.0032 U	0.0201	0.006	0.028	1.00 - 2.00
6-00240	60374	Cs-134	-0.0019 U	0.0161	0.0055	0.0864	1.00 - 2.00
6-00240	60374	Cs-137	0.0255	0.019	0.0082	0.207	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00240	60374	Eu-152	0.0078 U	0.0543	0.0211	0.0566	1.00 - 2.00
6-00240	60374	Eu-154	-0.041 U	0.11	0.0353	0.15	1.00 - 2.00
6-00240	60374	Eu-155	0.047 JS	0.0803	0.0213	0.231	1.00 - 2.00
6-00240	60374	Ho-166m	0.0035 U	0.0293	0.0086	0.0432	1.00 - 2.00
6-00240	60374	K-40	23.8	0.144	1.48	32.4	1.00 - 2.00
6-00240	60374	Na-22	-0.003 U	0.0242	0.0072	0.037	1.00 - 2.00
6-00240	60374	Nb-94	0.0087 JS	0.0176	0.0055	0.0214	1.00 - 2.00
6-00240	60374	Np-236	-0.0037 U	0.0442	0.0137	0.047	1.00 - 2.00
6-00240	60374	Np-239	0.0672 U	0.151	0.0484	0.139	1.00 - 2.00
6-00240	60374	Pa-231	-0.483 U	0.897	0.306	0.936	1.00 - 2.00
6-00240	60374	Pb-212	1.4	0.0366	0.0925	2.69	1.00 - 2.00
6-00240	60374	Pb-214	1.39	0.0374	0.07	1.7	1.00 - 2.00
6-00240	60374	Pu-236	-0.0078 U	0.0326	0.0057	7.79	1.00 - 2.00
6-00240	60374	Pu-238	0.0063 U	0.0296	0.0079	0.0415	1.00 - 2.00
6-00240	60374	Pu-239/240	0.0017 U	0.0233	0.0051	0.0404	1.00 - 2.00
6-00240	60374	Pu-244	0.0089	0.008	0.0051	0.0313	1.00 - 2.00
6-00240	60374	Sb-125	0.0002 U	0.049	0.0146	0.354	1.00 - 2.00
6-00240	60374	Sn-126	-0.0012 U	0.0191	0.0056	0.0237	1.00 - 2.00
6-00240	60374	Sr-90	-0.0897 U	0.266	0.0667	0.485	1.00 - 2.00
6-00240	60374	Th-228	1.37	0.0757	0.127	3.98	1.00 - 2.00
6-00240	60374	Th-229	0.0413	0.074	0.0239	0.145	1.00 - 2.00
6-00240	60374	Th-230	1.29	0.0186	0.12	2.2	1.00 - 2.00
6-00240	60374	Th-232	1.18	0.0635	0.113	3.1	1.00 - 2.00
6-00240	60374	Th-234	1.73 J	0.366	0.183	3.19	1.00 - 2.00
6-00240	60374	Tl-208	0.446	0.0173	0.0257	0.937	1.00 - 2.00
6-00240	60374	Tm-171	-15.2 U	20.3	7.75	72.4	1.00 - 2.00
6-00240	60374	U-233/234	1.46	0.061	0.145	2.02	1.00 - 2.00
6-00240	60374	U-235/236	0.0622	0.0479	0.0236	0.151	1.00 - 2.00
6-00240	60374	U-238	1.35	0.055	0.136	1.8	1.00 - 2.00
6-00241	60375	Ac-227	-0.0445 U	0.127	0.0394	0.217	0.00 - 0.50
6-00241	60375	Ac-228	0.907	0.0746	0.0438	2.4	0.00 - 0.50
6-00241	60375	Am-241	0.0038 U	0.0179	0.0048	0.0454	0.00 - 0.50
6-00241	60375	Bi-212	0.621	0.0941	0.0568	2.15	0.00 - 0.50
6-00241	60375	Bi-214	0.633	0.0214	0.0305	1.59	0.00 - 0.50
6-00241	60375	Cd-113m	-48.3 U	83	28.4	3030	0.00 - 0.50
6-00241	60375	Cm-243/244	0.0036	0.0049	0.0026	0.0443	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00241	60375	Co-60	0.005 U	0.0134	0.0041	0.028	0.00 - 0.50
6-00241	60375	Cs-134	0.0007 U	0.0108	0.0037	0.0864	0.00 - 0.50
6-00241	60375	Cs-137	0.0179	0.0128	0.0061	0.207	0.00 - 0.50
6-00241	60375	Eu-152	-0.0214 U	0.0306	0.0114	0.0566	0.00 - 0.50
6-00241	60375	Eu-154	-0.016 U	0.0711	0.0213	0.15	0.00 - 0.50
6-00241	60375	Eu-155	0.0211 UJ	0.0461	0.0148	0.231	0.00 - 0.50
6-00241	60375	Ho-166m	0.006 UJ	0.0188	0.0057	0.0432	0.00 - 0.50
6-00241	60375	K-40	21.1	0.0949	1.25	32.4	0.00 - 0.50
6-00241	60375	Na-22	0.0033 U	0.0166	0.0049	0.037	0.00 - 0.50
6-00241	60375	Nb-94	0.002 U	0.0106	0.0032	0.0214	0.00 - 0.50
6-00241	60375	Np-236	-0.0053 U	0.0241	0.0075	0.047	0.00 - 0.50
6-00241	60375	Np-239	0.0232 U	0.0861	0.0258	0.139	0.00 - 0.50
6-00241	60375	Pa-231	-0.322 U	0.519	0.196	0.936	0.00 - 0.50
6-00241	60375	Pb-212	1.03	0.0217	0.0688	2.69	0.00 - 0.50
6-00241	60375	Pb-214	0.7	0.0227	0.0368	1.7	0.00 - 0.50
6-00241	60375	Pu-236	-0.0068 U	0.0322	0.0066	7.79	0.00 - 0.50
6-00241	60375	Pu-238	-0.0122 U	0.0416	0.0093	0.0415	0.00 - 0.50
6-00241	60375	Pu-239/240	0.0026 U	0.0234	0.0058	0.0404	0.00 - 0.50
6-00241	60375	Pu-244	0.003 U	0.0149	0.0037	0.0313	0.00 - 0.50
6-00241	60375	Sb-125	-0.0028 U	0.03	0.0092	0.354	0.00 - 0.50
6-00241	60375	Sn-126	-0.002 U	0.0117	0.0035	0.0237	0.00 - 0.50
6-00241	60375	Sr-90	0.0724 U	0.147	0.0455	0.485	0.00 - 0.50
6-00241	60375	Th-228	0.986	0.0669	0.103	3.98	0.00 - 0.50
6-00241	60375	Th-229	0 U	0.0622	0.0134	0.145	0.00 - 0.50
6-00241	60375	Th-230	0.501	0.0492	0.0654	2.2	0.00 - 0.50
6-00241	60375	Th-232	0.926	0.0181	0.0951	3.1	0.00 - 0.50
6-00241	60375	Th-234	1.06 J	0.195	0.116	3.19	0.00 - 0.50
6-00241	60375	Tl-208	0.324	0.0117	0.0188	0.937	0.00 - 0.50
6-00241	60375	Tm-171	-0.713 U	10.1	3.38	72.4	0.00 - 0.50
6-00241	60375	U-233/234	0.612	0.0352	0.0652	2.02	0.00 - 0.50
6-00241	60375	U-235/236	0.0094 U	0.0505	0.0133	0.151	0.00 - 0.50
6-00241	60375	U-238	0.607	0.0352	0.0648	1.8	0.00 - 0.50
6-00241	60376	Ac-227	-0.029 U	0.169	0.05	0.217	1.00 - 5.00
6-00241	60376	Ac-228	1.21	0.0815	0.0572	2.4	1.00 - 5.00
6-00241	60376	Am-241	-0.0101 UJ	0.0422	0.0074	0.0454	1.00 - 5.00
6-00241	60376	Bi-212	0.87	0.112	0.0756	2.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00241	60376	Bi-214	0.896	0.0252	0.0419	1.59	1.00 - 5.00
6-00241	60376	Cd-113m	57.5 J	112	36.8	3030	1.00 - 5.00
6-00241	60376	Cm-243/244	0.0061 UJ	0.0308	0.0078	0.0443	1.00 - 5.00
6-00241	60376	Co-60	-0.0058 U	0.0149	0.0048	0.028	1.00 - 5.00
6-00241	60376	Cs-134	0.0022 U	0.0124	0.0043	0.0864	1.00 - 5.00
6-00241	60376	Cs-137	-0.0074 U	0.0145	0.0048	0.207	1.00 - 5.00
6-00241	60376	Eu-152	-0.0085 UJ	0.041	0.0127	0.0566	1.00 - 5.00
6-00241	60376	Eu-154	-0.022 U	0.0846	0.0297	0.15	1.00 - 5.00
6-00241	60376	Eu-155	0.0635 JS	0.0607	0.0234	0.231	1.00 - 5.00
6-00241	60376	Ho-166m	-0.0022 U	0.0224	0.0069	0.0432	1.00 - 5.00
6-00241	60376	K-40	21.8	0.116	1.22	32.4	1.00 - 5.00
6-00241	60376	Na-22	-0.0003 U	0.0183	0.0055	0.037	1.00 - 5.00
6-00241	60376	Nb-94	0.0021 U	0.0137	0.0042	0.0214	1.00 - 5.00
6-00241	60376	Np-236	-0.0118 U	0.0316	0.0101	0.047	1.00 - 5.00
6-00241	60376	Np-239	0.063 J	0.114	0.0379	0.139	1.00 - 5.00
6-00241	60376	Pa-231	-0.113 U	0.702	0.207	0.936	1.00 - 5.00
6-00241	60376	Pb-212	1.39	0.0289	0.0816	2.69	1.00 - 5.00
6-00241	60376	Pb-214	0.981	0.0293	0.0466	1.7	1.00 - 5.00
6-00241	60376	Pu-236	0	0.0088	0.0033	7.79	1.00 - 5.00
6-00241	60376	Pu-238	-0.0023 UJ	0.0199	0.0039	0.0415	1.00 - 5.00
6-00241	60376	Pu-239/240	-0.0005 UJ	0.0282	0.0059	0.0404	1.00 - 5.00
6-00241	60376	Pu-244	0.0009 UJ	0.0198	0.0038	0.0313	1.00 - 5.00
6-00241	60376	Sb-125	-0.0063 U	0.0374	0.0113	0.354	1.00 - 5.00
6-00241	60376	Sn-126	-0.0012 U	0.0141	0.0043	0.0237	1.00 - 5.00
6-00241	60376	Sr-90	-0.0294 U	0.191	0.0486	0.485	1.00 - 5.00
6-00241	60376	Th-228	1.47 J	0.151	0.151	3.98	1.00 - 5.00
6-00241	60376	Th-229	0.0086 U	0.103	0.0257	0.145	1.00 - 5.00
6-00241	60376	Th-230	0.949	0.0629	0.108	2.2	1.00 - 5.00
6-00241	60376	Th-232	1.33	0.0231	0.134	3.1	1.00 - 5.00
6-00241	60376	Th-234	1.76	0.238	0.17	3.19	1.00 - 5.00
6-00241	60376	Tl-208	0.413	0.014	0.0237	0.937	1.00 - 5.00
6-00241	60376	Tm-171	-2.21 U	10.9	3.66	72.4	1.00 - 5.00
6-00241	60376	U-233/234	0.926	0.0671	0.11	2.02	1.00 - 5.00
6-00241	60376	U-235/236	0.0942	0.0584	0.0319	0.151	1.00 - 5.00
6-00241	60376	U-238	1.05	0.0472	0.119	1.8	1.00 - 5.00
6-00242	60377	Ac-227	-0.0311 U	0.133	0.0407	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00242	60377	Ac-228	1.03	0.0693	0.0487	2.4	0.00 - 0.50
6-00242	60377	Am-241	0.0026 U	0.0129	0.0032	0.0454	0.00 - 0.50
6-00242	60377	Bi-212	0.706	0.0939	0.0569	2.15	0.00 - 0.50
6-00242	60377	Bi-214	0.677	0.0207	0.0318	1.59	0.00 - 0.50
6-00242	60377	Cd-113m	-2.66 U	89.2	26.7	3030	0.00 - 0.50
6-00242	60377	Cm-243/244	0.0067	0.013	0.0044	0.0443	0.00 - 0.50
6-00242	60377	Co-60	0.0022 U	0.0133	0.004	0.028	0.00 - 0.50
6-00242	60377	Cs-134	0.0024 U	0.0106	0.0036	0.0864	0.00 - 0.50
6-00242	60377	Cs-137	0.0137	0.013	0.0049	0.207	0.00 - 0.50
6-00242	60377	Eu-152	-0.0064 U	0.0324	0.0108	0.0566	0.00 - 0.50
6-00242	60377	Eu-154	-0.0164 U	0.0695	0.021	0.15	0.00 - 0.50
6-00242	60377	Eu-155	0.0436 SJ	0.0497	0.0183	0.231	0.00 - 0.50
6-00242	60377	Ho-166m	-0.004 UJ	0.0183	0.0056	0.0432	0.00 - 0.50
6-00242	60377	K-40	20.3	0.0858	1.24	32.4	0.00 - 0.50
6-00242	60377	Na-22	-0.005 U	0.0155	0.0049	0.037	0.00 - 0.50
6-00242	60377	Nb-94	0.0071 SJ	0.0109	0.0036	0.0214	0.00 - 0.50
6-00242	60377	Np-236	-0.0107 U	0.0256	0.0084	0.047	0.00 - 0.50
6-00242	60377	Np-239	-0.0081 U	0.0888	0.0265	0.139	0.00 - 0.50
6-00242	60377	Pa-231	-0.0611 U	0.554	0.167	0.936	0.00 - 0.50
6-00242	60377	Pb-212	1.19	0.0234	0.0762	2.69	0.00 - 0.50
6-00242	60377	Pb-214	0.778	0.0234	0.0377	1.7	0.00 - 0.50
6-00242	60377	Pu-236	-0.0041 U	0.038	0.0086	7.79	0.00 - 0.50
6-00242	60377	Pu-238	0.0058 U	0.0445	0.012	0.0415	0.00 - 0.50
6-00242	60377	Pu-239/240	0.0018 U	0.0307	0.0075	0.0404	0.00 - 0.50
6-00242	60377	Pu-244	-0.0019 U	0.0167	0.0032	0.0313	0.00 - 0.50
6-00242	60377	Sb-125	-0.0075 U	0.0301	0.0095	0.354	0.00 - 0.50
6-00242	60377	Sn-126	0.0015 U	0.0119	0.0035	0.0237	0.00 - 0.50
6-00242	60377	Sr-90	-0.108 U	0.234	0.056	0.485	0.00 - 0.50
6-00242	60377	Th-228	0.785	0.116	0.0949	3.98	0.00 - 0.50
6-00242	60377	Th-229	0.0143 U	0.0938	0.0248	0.145	0.00 - 0.50
6-00242	60377	Th-230	0.507	0.113	0.073	2.2	0.00 - 0.50
6-00242	60377	Th-232	0.826	0.0193	0.0907	3.1	0.00 - 0.50
6-00242	60377	Th-234	1.22 J	0.208	0.129	3.19	0.00 - 0.50
6-00242	60377	Tl-208	0.372	0.0115	0.0205	0.937	0.00 - 0.50
6-00242	60377	Tm-171	2.77 U	11.3	3.85	72.4	0.00 - 0.50
6-00242	60377	U-233/234	0.479	0.0472	0.0548	2.02	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00242	60377	U-235/236	0.0445	0.0121	0.0144	0.151	0.00 - 0.50
6-00242	60377	U-238	0.572	0.0098	0.0608	1.8	0.00 - 0.50
6-00242	60378	Ac-227	-0.0501 U	0.177	0.0559	0.217	1.00 - 5.00
6-00242	60378	Ac-228	1.17	0.0808	0.0583	2.4	1.00 - 5.00
6-00242	60378	Am-241	-0.004 U	0.0212	0.0037	0.0454	1.00 - 5.00
6-00242	60378	Bi-212	0.754	0.116	0.0727	2.15	1.00 - 5.00
6-00242	60378	Bi-214	0.843	0.0257	0.0405	1.59	1.00 - 5.00
6-00242	60378	Cd-113m	62.1 J	120	41.8	3030	1.00 - 5.00
6-00242	60378	Cm-243/244	0.0043	0.0058	0.003	0.0443	1.00 - 5.00
6-00242	60378	Co-60	0.003 U	0.0152	0.0045	0.028	1.00 - 5.00
6-00242	60378	Cs-134	0.0016 U	0.0132	0.0045	0.0864	1.00 - 5.00
6-00242	60378	Cs-137	-0.0006 U	0.0148	0.0044	0.207	1.00 - 5.00
6-00242	60378	Eu-152	0.0094 UJ	0.0426	0.0163	0.0566	1.00 - 5.00
6-00242	60378	Eu-154	-0.018 U	0.084	0.0251	0.15	1.00 - 5.00
6-00242	60378	Eu-155	0.0287 U	0.0662	0.0208	0.231	1.00 - 5.00
6-00242	60378	Ho-166m	0.0093 U	0.0231	0.0071	0.0432	1.00 - 5.00
6-00242	60378	K-40	20.9	0.121	1.29	32.4	1.00 - 5.00
6-00242	60378	Na-22	-0.0048 U	0.0171	0.0053	0.037	1.00 - 5.00
6-00242	60378	Nb-94	0.0044 U	0.0131	0.004	0.0214	1.00 - 5.00
6-00242	60378	Np-236	0.01 U	0.0353	0.0108	0.047	1.00 - 5.00
6-00242	60378	Np-239	0.0102 U	0.123	0.0375	0.139	1.00 - 5.00
6-00242	60378	Pa-231	-0.491 U	0.724	0.263	0.936	1.00 - 5.00
6-00242	60378	Pb-212	1.28	0.0312	0.0793	2.69	1.00 - 5.00
6-00242	60378	Pb-214	0.936	0.0311	0.0463	1.7	1.00 - 5.00
6-00242	60378	Pu-236	0	0.0079	0.0029	7.79	1.00 - 5.00
6-00242	60378	Pu-238	-0.002 UJ	0.0179	0.0035	0.0415	1.00 - 5.00
6-00242	60378	Pu-239/240	0.0016 UJ	0.0221	0.0049	0.0404	1.00 - 5.00
6-00242	60378	Pu-244	0.0008 UJ	0.0179	0.0035	0.0313	1.00 - 5.00
6-00242	60378	Sb-125	0.0109 U	0.0395	0.0118	0.354	1.00 - 5.00
6-00242	60378	Sn-126	0.0043 U	0.0148	0.0045	0.0237	1.00 - 5.00
6-00242	60378	Sr-90	-0.119 U	0.272	0.0661	0.485	1.00 - 5.00
6-00242	60378	Th-228	1.28	0.0605	0.128	3.98	1.00 - 5.00
6-00242	60378	Th-229	0 U	0.0934	0.022	0.145	1.00 - 5.00
6-00242	60378	Th-230	0.822	0.021	0.0937	2.2	1.00 - 5.00
6-00242	60378	Th-232	1.01	0.0718	0.108	3.1	1.00 - 5.00
6-00242	60378	Th-234	1.26 J	0.279	0.141	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00242	60378	Tl-208	0.383	0.0144	0.0221	0.937	1.00 - 5.00
6-00242	60378	Tm-171	0.764 U	13.6	4.57	72.4	1.00 - 5.00
6-00242	60378	U-233/234	0.746	0.0481	0.084	2.02	1.00 - 5.00
6-00242	60378	U-235/236	0.0657	0.0178	0.0213	0.151	1.00 - 5.00
6-00242	60378	U-238	0.769	0.0419	0.0856	1.8	1.00 - 5.00
6-00243	60379	Ac-227	-0.0405 U	0.151	0.0479	0.217	0.00 - 0.50
6-00243	60379	Ac-228	1.15	0.0742	0.0542	2.4	0.00 - 0.50
6-00243	60379	Am-241	0.0031 U	0.0216	0.0057	0.0454	0.00 - 0.50
6-00243	60379	Bi-212	0.893	0.1	0.0658	2.15	0.00 - 0.50
6-00243	60379	Bi-214	0.897	0.0233	0.0407	1.59	0.00 - 0.50
6-00243	60379	Cd-113m	-49.5 U	100	33.6	3030	0.00 - 0.50
6-00243	60379	Cm-243/244	-0.0046 U	0.0218	0.0046	0.0443	0.00 - 0.50
6-00243	60379	Co-60	0.003 U	0.014	0.0042	0.028	0.00 - 0.50
6-00243	60379	Cs-134	0.0058 U	0.0119	0.0042	0.0864	0.00 - 0.50
6-00243	60379	Cs-137	0.0903	0.0128	0.0071	0.207	0.00 - 0.50
6-00243	60379	Eu-152	0.0125 U	0.0365	0.0144	0.0566	0.00 - 0.50
6-00243	60379	Eu-154	-0.0468 U	0.0756	0.026	0.15	0.00 - 0.50
6-00243	60379	Eu-155	0.0742 JS	0.0566	0.0195	0.231	0.00 - 0.50
6-00243	60379	Ho-166m	0.0055 U	0.0198	0.0059	0.0432	0.00 - 0.50
6-00243	60379	K-40	22.1	0.0978	1.37	32.4	0.00 - 0.50
6-00243	60379	Na-22	-0.0031 U	0.0167	0.0059	0.037	0.00 - 0.50
6-00243	60379	Nb-94	0.0104 JS	0.0118	0.0042	0.0214	0.00 - 0.50
6-00243	60379	Np-236	0.0013 U	0.03	0.0092	0.047	0.00 - 0.50
6-00243	60379	Np-239	0.0075 U	0.101	0.031	0.139	0.00 - 0.50
6-00243	60379	Pa-231	-0.439 U	0.617	0.222	0.936	0.00 - 0.50
6-00243	60379	Pb-212	1.34	0.0263	0.0878	2.69	0.00 - 0.50
6-00243	60379	Pb-214	1.03	0.0259	0.0508	1.7	0.00 - 0.50
6-00243	60379	Pu-236	0 U	0.0509	0.0132	7.79	0.00 - 0.50
6-00243	60379	Pu-238	0 U	0.0481	0.0124	0.0415	0.00 - 0.50
6-00243	60379	Pu-239/240	0.0132	0.0246	0.008	0.0404	0.00 - 0.50
6-00243	60379	Pu-244	0.0053 U	0.0195	0.0053	0.0313	0.00 - 0.50
6-00243	60379	Sb-125	-0.0091 U	0.0348	0.0107	0.354	0.00 - 0.50
6-00243	60379	Sn-126	-0.0018 U	0.0126	0.0038	0.0237	0.00 - 0.50
6-00243	60379	Sr-90	0.557 J	0.703	0.235	0.485	0.00 - 0.50
6-00243	60379	Th-228	1.49 J	0.166	0.16	3.98	0.00 - 0.50
6-00243	60379	Th-229	0 U	0.121	0.0293	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00243	60379	Th-230	0.951	0.0858	0.113	2.2	0.00 - 0.50
6-00243	60379	Th-232	1.34	0.0678	0.141	3.1	0.00 - 0.50
6-00243	60379	Th-234	1.49 J	0.249	0.148	3.19	0.00 - 0.50
6-00243	60379	Tl-208	0.393	0.0126	0.0216	0.937	0.00 - 0.50
6-00243	60379	Tm-171	-11.1 U	14.7	5.65	72.4	0.00 - 0.50
6-00243	60379	U-233/234	1.01	0.0508	0.106	2.02	0.00 - 0.50
6-00243	60379	U-235/236	0.0544	0.0628	0.0239	0.151	0.00 - 0.50
6-00243	60379	U-238	0.99	0.0358	0.104	1.8	0.00 - 0.50
6-00243	60380	Ac-227	0.0332 U	0.203	0.0599	0.217	1.00 - 2.50
6-00243	60380	Ac-228	1.5	0.0925	0.0738	2.4	1.00 - 2.50
6-00243	60380	Am-241	0	0.0084	0.0031	0.0454	1.00 - 2.50
6-00243	60380	Bi-212	0.978	0.143	0.0858	2.15	1.00 - 2.50
6-00243	60380	Bi-214	0.759	0.0308	0.0386	1.59	1.00 - 2.50
6-00243	60380	Cd-113m	-58 U	135	46.3	3030	1.00 - 2.50
6-00243	60380	Cm-243/244	0 U	0.0212	0.0039	0.0443	1.00 - 2.50
6-00243	60380	Co-60	0.0017 U	0.0176	0.0051	0.028	1.00 - 2.50
6-00243	60380	Cs-134	0.0054 U	0.016	0.0056	0.0864	1.00 - 2.50
6-00243	60380	Cs-137	-0.0034 U	0.0178	0.0055	0.207	1.00 - 2.50
6-00243	60380	Eu-152	0.0154 U	0.0479	0.0242	0.0566	1.00 - 2.50
6-00243	60380	Eu-154	-0.0423 U	0.0964	0.0306	0.15	1.00 - 2.50
6-00243	60380	Eu-155	0.0375 SJ	0.0739	0.024	0.231	1.00 - 2.50
6-00243	60380	Ho-166m	0.0101 U	0.0276	0.0085	0.0432	1.00 - 2.50
6-00243	60380	K-40	19.5	0.114	1.2	32.4	1.00 - 2.50
6-00243	60380	Na-22	-0.0014 U	0.0214	0.0064	0.037	1.00 - 2.50
6-00243	60380	Nb-94	0.0053 U	0.0164	0.005	0.0214	1.00 - 2.50
6-00243	60380	Np-236	-0.0268 U	0.0388	0.0152	0.047	1.00 - 2.50
6-00243	60380	Np-239	-0.0404 U	0.135	0.0412	0.139	1.00 - 2.50
6-00243	60380	Pa-231	-0.0631 U	0.846	0.275	0.936	1.00 - 2.50
6-00243	60380	Pb-212	1.67	0.0348	0.103	2.69	1.00 - 2.50
6-00243	60380	Pb-214	0.872	0.0347	0.0446	1.7	1.00 - 2.50
6-00243	60380	Pu-236	0.0112	0.0101	0.0065	7.79	1.00 - 2.50
6-00243	60380	Pu-238	0.001 UJ	0.0228	0.0044	0.0415	1.00 - 2.50
6-00243	60380	Pu-239/240	-0.0042 UJ	0.0324	0.0057	0.0404	1.00 - 2.50
6-00243	60380	Pu-244	0	0.0097	0.0036	0.0313	1.00 - 2.50
6-00243	60380	Sb-125	0.0095 U	0.0464	0.0138	0.354	1.00 - 2.50
6-00243	60380	Sn-126	-0.0007 U	0.0173	0.0052	0.0237	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00243	60380	Sr-90	-0.0416 U	0.223	0.0583	0.485	1.00 - 2.50
6-00243	60380	Th-228	1.74	0.0994	0.152	3.98	1.00 - 2.50
6-00243	60380	Th-229	0.0463	0.0179	0.0177	0.145	1.00 - 2.50
6-00243	60380	Th-230	0.838	0.0486	0.0891	2.2	1.00 - 2.50
6-00243	60380	Th-232	1.48	0.0484	0.131	3.1	1.00 - 2.50
6-00243	60380	Th-234	1.54 J	0.297	0.171	3.19	1.00 - 2.50
6-00243	60380	Tl-208	0.516	0.0167	0.0292	0.937	1.00 - 2.50
6-00243	60380	Tm-171	-9.1 U	13.3	5.98	72.4	1.00 - 2.50
6-00243	60380	U-233/234	0.708	0.0632	0.084	2.02	1.00 - 2.50
6-00243	60380	U-235/236	0.043	0.0194	0.0178	0.151	1.00 - 2.50
6-00243	60380	U-238	0.837	0.037	0.0934	1.8	1.00 - 2.50
6-00244	60381	Ac-227	-0.0671 U	0.15	0.0478	0.217	0.00 - 0.50
6-00244	60381	Ac-228	1.26	0.0806	0.0588	2.4	0.00 - 0.50
6-00244	60381	Am-241	-0.0027 U	0.0213	0.0038	0.0454	0.00 - 0.50
6-00244	60381	Bi-212	0.901	0.11	0.0721	2.15	0.00 - 0.50
6-00244	60381	Bi-214	0.95	0.024	0.0441	1.59	0.00 - 0.50
6-00244	60381	Cd-113m	-11.4 U	102	30.5	3030	0.00 - 0.50
6-00244	60381	Cm-243/244	0.0027 U	0.0238	0.0059	0.0443	0.00 - 0.50
6-00244	60381	Co-60	-0.0007 U	0.0145	0.0043	0.028	0.00 - 0.50
6-00244	60381	Cs-134	0.0076 SJ	0.0125	0.0045	0.0864	0.00 - 0.50
6-00244	60381	Cs-137	0.124	0.0147	0.0095	0.207	0.00 - 0.50
6-00244	60381	Eu-152	-0.0234 U	0.0369	0.013	0.0566	0.00 - 0.50
6-00244	60381	Eu-154	0.0322 U	0.0847	0.0254	0.15	0.00 - 0.50
6-00244	60381	Eu-155	0.073 SJ	0.0521	0.0207	0.231	0.00 - 0.50
6-00244	60381	Ho-166m	-0.0013 U	0.0214	0.0064	0.0432	0.00 - 0.50
6-00244	60381	K-40	22.5	0.105	1.34	32.4	0.00 - 0.50
6-00244	60381	Na-22	0.0043 U	0.0179	0.0062	0.037	0.00 - 0.50
6-00244	60381	Nb-94	0.0073 SJ	0.0125	0.004	0.0214	0.00 - 0.50
6-00244	60381	Np-236	0.0013 U	0.0286	0.0087	0.047	0.00 - 0.50
6-00244	60381	Np-239	0.007 U	0.101	0.0299	0.139	0.00 - 0.50
6-00244	60381	Pa-231	-0.28 U	0.62	0.205	0.936	0.00 - 0.50
6-00244	60381	Pb-212	1.43	0.0264	0.0952	2.69	0.00 - 0.50
6-00244	60381	Pb-214	1.1	0.0263	0.0561	1.7	0.00 - 0.50
6-00244	60381	Pu-236	-0.0004 U	0.0218	0.0045	7.79	0.00 - 0.50
6-00244	60381	Pu-238	0.0068	0.0062	0.004	0.0415	0.00 - 0.50
6-00244	60381	Pu-239/240	0.0071 U	0.0227	0.0065	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00244	60381	Pu-244	0.0091 J	0.0061	0.0046	0.0313	0.00 - 0.50
6-00244	60381	Sb-125	0.0031 U	0.0366	0.0112	0.354	0.00 - 0.50
6-00244	60381	Sn-126	-0.0003 U	0.0135	0.004	0.0237	0.00 - 0.50
6-00244	60381	Sr-90	0.0639 U	0.256	0.0747	0.485	0.00 - 0.50
6-00244	60381	Th-228	1.36	0.136	0.127	3.98	0.00 - 0.50
6-00244	60381	Th-229	0.0608	0.0165	0.0195	0.145	0.00 - 0.50
6-00244	60381	Th-230	0.794	0.0563	0.0836	2.2	0.00 - 0.50
6-00244	60381	Th-232	1.09	0.0651	0.103	3.1	0.00 - 0.50
6-00244	60381	Th-234	1.33	0.235	0.13	3.19	0.00 - 0.50
6-00244	60381	Tl-208	0.452	0.0137	0.0253	0.937	0.00 - 0.50
6-00244	60381	Tm-171	8.02 J	12.3	4.48	72.4	0.00 - 0.50
6-00244	60381	U-233/234	0.784	0.0477	0.074	2.02	0.00 - 0.50
6-00244	60381	U-235/236	0.0669	0.0345	0.018	0.151	0.00 - 0.50
6-00244	60381	U-238	0.77	0.0324	0.0724	1.8	0.00 - 0.50
6-00245	60383	Ac-227	0.0366 U	0.156	0.0473	0.217	0.00 - 0.50
6-00245	60383	Ac-228	1.28	0.0722	0.0624	2.4	0.00 - 0.50
6-00245	60383	Am-241	0.0064	0.0124	0.0042	0.0454	0.00 - 0.50
6-00245	60383	Bi-212	0.867	0.0999	0.0681	2.15	0.00 - 0.50
6-00245	60383	Bi-214	1.04	0.0227	0.046	1.59	0.00 - 0.50
6-00245	60383	Cd-113m	-84.1 LU	104	41.9	3030	0.00 - 0.50
6-00245	60383	Cm-243/244	0.0098	0.0053	0.0044	0.0443	0.00 - 0.50
6-00245	60383	Co-60	0.0055 U	0.0134	0.0041	0.028	0.00 - 0.50
6-00245	60383	Cs-134	-0.0001 U	0.0117	0.004	0.0864	0.00 - 0.50
6-00245	60383	Cs-137	-0.0006 U	0.0132	0.0039	0.207	0.00 - 0.50
6-00245	60383	Eu-152	0.0007 U	0.0368	0.0148	0.0566	0.00 - 0.50
6-00245	60383	Eu-154	0.014 U	0.0754	0.0227	0.15	0.00 - 0.50
6-00245	60383	Eu-155	0.06 SJ	0.0563	0.0201	0.231	0.00 - 0.50
6-00245	60383	Ho-166m	0.0004 UJ	0.0195	0.0058	0.0432	0.00 - 0.50
6-00245	60383	K-40	24.3	0.0911	1.58	32.4	0.00 - 0.50
6-00245	60383	Na-22	-0.0078 U	0.0155	0.005	0.037	0.00 - 0.50
6-00245	60383	Nb-94	0.0039 U	0.0114	0.0035	0.0214	0.00 - 0.50
6-00245	60383	Np-236	0.0138 U	0.0308	0.0156	0.047	0.00 - 0.50
6-00245	60383	Np-239	-0.108 LU	0.103	0.0407	0.139	0.00 - 0.50
6-00245	60383	Pa-231	-0.433 U	0.638	0.249	0.936	0.00 - 0.50
6-00245	60383	Pb-212	1.47	0.0274	0.0971	2.69	0.00 - 0.50
6-00245	60383	Pb-214	1.19	0.0264	0.0577	1.7	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00245	60383	Pu-236	0.0028 U	0.0359	0.009	7.79	0.00 - 0.50
6-00245	60383	Pu-238	0.0046 U	0.0322	0.0083	0.0415	0.00 - 0.50
6-00245	60383	Pu-239/240	-0.0032 U	0.0249	0.0044	0.0404	0.00 - 0.50
6-00245	60383	Pu-244	0.0035 U	0.0175	0.0044	0.0313	0.00 - 0.50
6-00245	60383	Sb-125	0.0167 U	0.0348	0.0112	0.354	0.00 - 0.50
6-00245	60383	Sn-126	-0.0073 U	0.0125	0.0041	0.0237	0.00 - 0.50
6-00245	60383	Sr-90	0.0031 U	0.0997	0.0264	0.485	0.00 - 0.50
6-00245	60383	Th-228	1.2	0.104	0.12	3.98	0.00 - 0.50
6-00245	60383	Th-229	0.0345	0.0508	0.0183	0.145	0.00 - 0.50
6-00245	60383	Th-230	0.963	0.0506	0.0988	2.2	0.00 - 0.50
6-00245	60383	Th-232	1.08	0.0505	0.106	3.1	0.00 - 0.50
6-00245	60383	Th-234	1.56	0.242	0.154	3.19	0.00 - 0.50
6-00245	60383	Tl-208	0.433	0.0123	0.0237	0.937	0.00 - 0.50
6-00245	60383	Tm-171	-6.15 U	12.4	4.66	72.4	0.00 - 0.50
6-00245	60383	U-233/234	0.826	0.0388	0.0804	2.02	0.00 - 0.50
6-00245	60383	U-235/236	0.0623	0.0328	0.0183	0.151	0.00 - 0.50
6-00245	60383	U-238	0.846	0.0433	0.082	1.8	0.00 - 0.50
6-00245	60384	Ac-227	-0.0173 U	0.157	0.0472	0.217	1.00 - 2.25
6-00245	60384	Ac-228	1.01	0.0804	0.0491	2.4	1.00 - 2.25
6-00245	60384	Am-241	0.0028 UJ	0.0303	0.0072	0.0454	1.00 - 2.25
6-00245	60384	Bi-212	0.708	0.109	0.0604	2.15	1.00 - 2.25
6-00245	60384	Bi-214	0.845	0.0239	0.0394	1.59	1.00 - 2.25
6-00245	60384	Cd-113m	-25.9 U	103	33.9	3030	1.00 - 2.25
6-00245	60384	Cm-243/244	0.011	0.0215	0.0072	0.0443	1.00 - 2.25
6-00245	60384	Co-60	0.0056 U	0.0146	0.0044	0.028	1.00 - 2.25
6-00245	60384	Cs-134	0.0006 U	0.0117	0.0039	0.0864	1.00 - 2.25
6-00245	60384	Cs-137	-0.008 U	0.0135	0.0045	0.207	1.00 - 2.25
6-00245	60384	Eu-152	-0.0207 UJ	0.0376	0.013	0.0566	1.00 - 2.25
6-00245	60384	Eu-154	-0.026 U	0.0817	0.0255	0.15	1.00 - 2.25
6-00245	60384	Eu-155	0.07 JS	0.0556	0.0224	0.231	1.00 - 2.25
6-00245	60384	Ho-166m	-0.0012 U	0.0216	0.0063	0.0432	1.00 - 2.25
6-00245	60384	K-40	21	0.101	1.2	32.4	1.00 - 2.25
6-00245	60384	Na-22	-0.0079 U	0.0167	0.0064	0.037	1.00 - 2.25
6-00245	60384	Nb-94	0.0033 U	0.0125	0.0037	0.0214	1.00 - 2.25
6-00245	60384	Np-236	-0.0028 U	0.0307	0.009	0.047	1.00 - 2.25
6-00245	60384	Np-239	0.0175 U	0.105	0.0314	0.139	1.00 - 2.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00245	60384	Pa-231	-0.0739 U	0.654	0.204	0.936	1.00 - 2.25
6-00245	60384	Pb-212	1.11	0.0272	0.0703	2.69	1.00 - 2.25
6-00245	60384	Pb-214	0.901	0.0274	0.0455	1.7	1.00 - 2.25
6-00245	60384	Pu-236	0.0045 U	0.0229	0.0058	7.79	1.00 - 2.25
6-00245	60384	Pu-238	-0.0012 U	0.022	0.004	0.0415	1.00 - 2.25
6-00245	60384	Pu-239/240	0.0084	0.0076	0.0049	0.0404	1.00 - 2.25
6-00245	60384	Pu-244	-0.006 U	0.0252	0.0045	0.0313	1.00 - 2.25
6-00245	60384	Sb-125	0.0109 U	0.0361	0.011	0.354	1.00 - 2.25
6-00245	60384	Sn-126	0.0034 U	0.014	0.0041	0.0237	1.00 - 2.25
6-00245	60384	Sr-90	-0.0854 U	0.314	0.0811	0.485	1.00 - 2.25
6-00245	60384	Th-228	1.24	0.0641	0.118	3.98	1.00 - 2.25
6-00245	60384	Th-229	0.0131 U	0.0927	0.0246	0.145	1.00 - 2.25
6-00245	60384	Th-230	0.846	0.0609	0.09	2.2	1.00 - 2.25
6-00245	60384	Th-232	1.2	0.0177	0.112	3.1	1.00 - 2.25
6-00245	60384	Th-234	1.32 J	0.244	0.135	3.19	1.00 - 2.25
6-00245	60384	Tl-208	0.354	0.0136	0.021	0.937	1.00 - 2.25
6-00245	60384	Tm-171	-5.63 U	10	3.79	72.4	1.00 - 2.25
6-00245	60384	U-233/234	0.926	0.0176	0.104	2.02	1.00 - 2.25
6-00245	60384	U-235/236	0.0481	0.0217	0.0199	0.151	1.00 - 2.25
6-00245	60384	U-238	0.801	0.0511	0.0944	1.8	1.00 - 2.25
6-00246	60385	Ac-227	-0.0926 UJ	0.191	0.0632	0.217	1.00 - 5.00
6-00246	60385	Ac-228	1.25	0.0916	0.0615	2.4	1.00 - 5.00
6-00246	60385	Am-241	0.0074 U	0.0236	0.0067	0.0454	1.00 - 5.00
6-00246	60385	Bi-212	0.937	0.118	0.0785	2.15	1.00 - 5.00
6-00246	60385	Bi-214	1.02	0.0282	0.047	1.59	1.00 - 5.00
6-00246	60385	Cd-113m	37.7 U	132	41	3030	1.00 - 5.00
6-00246	60385	Cm-243/244	0.0068 U	0.0219	0.0062	0.0443	1.00 - 5.00
6-00246	60385	Co-60	0.0017 U	0.0162	0.0047	0.028	1.00 - 5.00
6-00246	60385	Cs-134	-0.0007 U	0.0139	0.0048	0.0864	1.00 - 5.00
6-00246	60385	Cs-137	0.0023 U	0.0169	0.005	0.207	1.00 - 5.00
6-00246	60385	Eu-152	-0.0339 U	0.0469	0.019	0.0566	1.00 - 5.00
6-00246	60385	Eu-154	-0.0856 UJ	0.0855	0.0334	0.15	1.00 - 5.00
6-00246	60385	Eu-155	0.0554 SJ	0.0723	0.025	0.231	1.00 - 5.00
6-00246	60385	Ho-166m	-0.0081 U	0.025	0.0079	0.0432	1.00 - 5.00
6-00246	60385	K-40	21.2	0.137	1.29	32.4	1.00 - 5.00
6-00246	60385	Na-22	-0.0044 U	0.019	0.0058	0.037	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00246	60385	Nb-94	0.0021 U	0.0149	0.0045	0.0214	1.00 - 5.00
6-00246	60385	Np-236	0.002 U	0.038	0.0114	0.047	1.00 - 5.00
6-00246	60385	Np-239	-0.0268 U	0.132	0.041	0.139	1.00 - 5.00
6-00246	60385	Pa-231	0.206 U	0.807	0.286	0.936	1.00 - 5.00
6-00246	60385	Pb-212	1.39	0.0344	0.0854	2.69	1.00 - 5.00
6-00246	60385	Pb-214	1.18	0.0337	0.0552	1.7	1.00 - 5.00
6-00246	60385	Pu-236	0.006 UJ	0.0376	0.0099	7.79	1.00 - 5.00
6-00246	60385	Pu-238	0.002 UJ	0.0341	0.0083	0.0415	1.00 - 5.00
6-00246	60385	Pu-239/240	0.0058	0.0079	0.0042	0.0404	1.00 - 5.00
6-00246	60385	Pu-244	0.0037 UJ	0.0186	0.0046	0.0313	1.00 - 5.00
6-00246	60385	Sb-125	0.0068 U	0.0442	0.013	0.354	1.00 - 5.00
6-00246	60385	Sn-126	-0.0031 U	0.0159	0.0049	0.0237	1.00 - 5.00
6-00246	60385	Sr-90	0.108 U	0.293	0.0875	0.485	1.00 - 5.00
6-00246	60385	Th-228	1.57	0.0885	0.142	3.98	1.00 - 5.00
6-00246	60385	Th-229	0.028	0.065	0.0199	0.145	1.00 - 5.00
6-00246	60385	Th-230	1.06	0.0189	0.106	2.2	1.00 - 5.00
6-00246	60385	Th-232	1.33	0.0513	0.123	3.1	1.00 - 5.00
6-00246	60385	Th-234	1.34 J	0.307	0.139	3.19	1.00 - 5.00
6-00246	60385	Tl-208	0.425	0.0157	0.0241	0.937	1.00 - 5.00
6-00246	60385	Tm-171	-10.5 U	14.7	5.61	72.4	1.00 - 5.00
6-00246	60385	U-233/234	1.08	0.059	0.113	2.02	1.00 - 5.00
6-00246	60385	U-235/236	0.0393	0.0793	0.0249	0.151	1.00 - 5.00
6-00246	60385	U-238	1.02	0.059	0.109	1.8	1.00 - 5.00
6-00247	60386	Ac-227	-0.0254 UJ	0.165	0.0497	0.217	1.00 - 5.00
6-00247	60386	Ac-228	0.931	0.0813	0.0468	2.4	1.00 - 5.00
6-00247	60386	Am-241	-0.0028 UJ	0.0249	0.0048	0.0454	1.00 - 5.00
6-00247	60386	Bi-212	0.807	0.112	0.068	2.15	1.00 - 5.00
6-00247	60386	Bi-214	0.773	0.0251	0.038	1.59	1.00 - 5.00
6-00247	60386	Cd-113m	20.7 U	113	33.8	3030	1.00 - 5.00
6-00247	60386	Cm-243/244	-0.0006 UJ	0.0355	0.0074	0.0443	1.00 - 5.00
6-00247	60386	Co-60	0.0112 J	0.0171	0.0054	0.028	1.00 - 5.00
6-00247	60386	Cs-134	0.0007 U	0.0129	0.0044	0.0864	1.00 - 5.00
6-00247	60386	Cs-137	-0.0057 U	0.0145	0.0046	0.207	1.00 - 5.00
6-00247	60386	Eu-152	-0.0123 U	0.0397	0.0135	0.0566	1.00 - 5.00
6-00247	60386	Eu-154	0.0174 U	0.0905	0.0266	0.15	1.00 - 5.00
6-00247	60386	Eu-155	0.0732 SJ	0.0585	0.0221	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00247	60386	Ho-166m	-0.0031 U	0.0224	0.0068	0.0432	1.00 - 5.00
6-00247	60386	K-40	20.5	0.115	1.31	32.4	1.00 - 5.00
6-00247	60386	Na-22	0.0016 U	0.0197	0.0059	0.037	1.00 - 5.00
6-00247	60386	Nb-94	0.0026 U	0.013	0.0039	0.0214	1.00 - 5.00
6-00247	60386	Np-236	-0.0135 U	0.0313	0.0102	0.047	1.00 - 5.00
6-00247	60386	Np-239	-0.0554 U	0.11	0.0356	0.139	1.00 - 5.00
6-00247	60386	Pa-231	-0.148 U	0.685	0.217	0.936	1.00 - 5.00
6-00247	60386	Pb-212	1.06	0.0282	0.0659	2.69	1.00 - 5.00
6-00247	60386	Pb-214	0.876	0.028	0.0434	1.7	1.00 - 5.00
6-00247	60386	Pu-236	0.0035 UJ	0.031	0.0076	7.79	1.00 - 5.00
6-00247	60386	Pu-238	-0.0077 UJ	0.0324	0.0056	0.0415	1.00 - 5.00
6-00247	60386	Pu-239/240	-0.0034 UJ	0.0268	0.0047	0.0404	1.00 - 5.00
6-00247	60386	Pu-244	-0.0021 UJ	0.0189	0.0037	0.0313	1.00 - 5.00
6-00247	60386	Sb-125	-0.0033 U	0.0376	0.011	0.354	1.00 - 5.00
6-00247	60386	Sn-126	0.0052 U	0.0151	0.0046	0.0237	1.00 - 5.00
6-00247	60386	Sr-90	0.146 U	0.326	0.0995	0.485	1.00 - 5.00
6-00247	60386	Th-228	0.968	0.0778	0.102	3.98	1.00 - 5.00
6-00247	60386	Th-229	0.0206	0.0506	0.0154	0.145	1.00 - 5.00
6-00247	60386	Th-230	0.87	0.0186	0.0924	2.2	1.00 - 5.00
6-00247	60386	Th-232	1.02	0.0185	0.102	3.1	1.00 - 5.00
6-00247	60386	Th-234	1.26	0.257	0.139	3.19	1.00 - 5.00
6-00247	60386	Tl-208	0.333	0.0145	0.0205	0.937	1.00 - 5.00
6-00247	60386	Tm-171	-4.45 U	13.2	4.55	72.4	1.00 - 5.00
6-00247	60386	U-233/234	0.88	0.0739	0.099	2.02	1.00 - 5.00
6-00247	60386	U-235/236	0.041	0.0581	0.0211	0.151	1.00 - 5.00
6-00247	60386	U-238	0.96	0.0598	0.105	1.8	1.00 - 5.00
6-00248	60387	Ac-227	-0.116 U	0.207	0.0708	0.217	1.00 - 5.00
6-00248	60387	Ac-228	1.03	0.11	0.0531	2.4	1.00 - 5.00
6-00248	60387	Am-241	0.0157	0.0266	0.009	0.0454	1.00 - 5.00
6-00248	60387	Bi-212	0.742	0.145	0.0684	2.15	1.00 - 5.00
6-00248	60387	Bi-214	0.857	0.0309	0.0423	1.59	1.00 - 5.00
6-00248	60387	Cd-113m	-61.5 U	139	47.5	3030	1.00 - 5.00
6-00248	60387	Cm-243/244	0.0062 U	0.0308	0.0081	0.0443	1.00 - 5.00
6-00248	60387	Co-60	-0.0083 U	0.0194	0.0062	0.028	1.00 - 5.00
6-00248	60387	Cs-134	-0.0014 U	0.0155	0.0052	0.0864	1.00 - 5.00
6-00248	60387	Cs-137	0.0119	0.0187	0.0056	0.207	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00248	60387	Eu-152	-0.0269 U	0.0491	0.0193	0.0566	1.00 - 5.00
6-00248	60387	Eu-154	-0.0322 U	0.109	0.0341	0.15	1.00 - 5.00
6-00248	60387	Eu-155	0.0744 SJ	0.0773	0.0261	0.231	1.00 - 5.00
6-00248	60387	Ho-166m	0.0088 U	0.0289	0.0086	0.0432	1.00 - 5.00
6-00248	60387	K-40	22.1	0.15	1.38	32.4	1.00 - 5.00
6-00248	60387	Na-22	-0.0054 U	0.024	0.0072	0.037	1.00 - 5.00
6-00248	60387	Nb-94	0.0043 U	0.0167	0.0049	0.0214	1.00 - 5.00
6-00248	60387	Np-236	-0.0139 U	0.0406	0.013	0.047	1.00 - 5.00
6-00248	60387	Np-239	0.0714 J	0.142	0.0462	0.139	1.00 - 5.00
6-00248	60387	Pa-231	-0.179 U	0.869	0.274	0.936	1.00 - 5.00
6-00248	60387	Pb-212	1.21	0.0354	0.0806	2.69	1.00 - 5.00
6-00248	60387	Pb-214	0.948	0.0373	0.0492	1.7	1.00 - 5.00
6-00248	60387	Pu-236	0.0088 U	0.0282	0.008	7.79	1.00 - 5.00
6-00248	60387	Pu-238	0.002 U	0.0348	0.0085	0.0415	1.00 - 5.00
6-00248	60387	Pu-239/240	0.0089	0.0081	0.0052	0.0404	1.00 - 5.00
6-00248	60387	Pu-244	0.0089	0.0081	0.0052	0.0313	1.00 - 5.00
6-00248	60387	Sb-125	0.016 U	0.0482	0.0146	0.354	1.00 - 5.00
6-00248	60387	Sn-126	-0.0012 U	0.0179	0.0053	0.0237	1.00 - 5.00
6-00248	60387	Sr-90	-0.02 U	0.237	0.0616	0.485	1.00 - 5.00
6-00248	60387	Th-228	1.14	0.0757	0.112	3.98	1.00 - 5.00
6-00248	60387	Th-229	0.0396	0.0486	0.0188	0.145	1.00 - 5.00
6-00248	60387	Th-230	1.13	0.0178	0.107	2.2	1.00 - 5.00
6-00248	60387	Th-232	1.16	0.0483	0.11	3.1	1.00 - 5.00
6-00248	60387	Th-234	1.31 J	0.344	0.167	3.19	1.00 - 5.00
6-00248	60387	Tl-208	0.368	0.0164	0.0219	0.937	1.00 - 5.00
6-00248	60387	Tm-171	-11 U	20.1	7.23	72.4	1.00 - 5.00
6-00248	60387	U-233/234	1.04	0.0496	0.109	2.02	1.00 - 5.00
6-00248	60387	U-235/236	0.0493	0.0432	0.0201	0.151	1.00 - 5.00
6-00248	60387	U-238	0.824	0.0349	0.0909	1.8	1.00 - 5.00
6-00249	60388	Ac-227	-0.0642 U	0.177	0.0563	0.217	1.00 - 5.00
6-00249	60388	Ac-228	1.3	0.0907	0.0627	2.4	1.00 - 5.00
6-00249	60388	Am-241	-0.005 U	0.0267	0.0047	0.0454	1.00 - 5.00
6-00249	60388	Bi-212	0.858	0.114	0.0783	2.15	1.00 - 5.00
6-00249	60388	Bi-214	0.952	0.0271	0.0447	1.59	1.00 - 5.00
6-00249	60388	Cd-113m	-8.54 U	120	39.6	3030	1.00 - 5.00
6-00249	60388	Cm-243/244	0.0003 U	0.0268	0.006	0.0443	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00249	60388	Co-60	0.0022 U	0.0167	0.0049	0.028	1.00 - 5.00
6-00249	60388	Cs-134	0.0029 U	0.0137	0.0047	0.0864	1.00 - 5.00
6-00249	60388	Cs-137	0.024	0.0167	0.0068	0.207	1.00 - 5.00
6-00249	60388	Eu-152	-0.0237 UJ	0.0431	0.0177	0.0566	1.00 - 5.00
6-00249	60388	Eu-154	-0.0284 U	0.0882	0.0271	0.15	1.00 - 5.00
6-00249	60388	Eu-155	0.0652 JS	0.0607	0.0216	0.231	1.00 - 5.00
6-00249	60388	Ho-166m	-0.0011 U	0.0248	0.0075	0.0432	1.00 - 5.00
6-00249	60388	K-40	22.4	0.117	1.34	32.4	1.00 - 5.00
6-00249	60388	Na-22	-0.0117 U	0.0188	0.0074	0.037	1.00 - 5.00
6-00249	60388	Nb-94	0.0054 U	0.0146	0.0045	0.0214	1.00 - 5.00
6-00249	60388	Np-236	-0.013 U	0.0334	0.0104	0.047	1.00 - 5.00
6-00249	60388	Np-239	-0.0105 U	0.119	0.036	0.139	1.00 - 5.00
6-00249	60388	Pa-231	-0.17 U	0.726	0.226	0.936	1.00 - 5.00
6-00249	60388	Pb-212	1.4	0.0307	0.086	2.69	1.00 - 5.00
6-00249	60388	Pb-214	1.09	0.0309	0.054	1.7	1.00 - 5.00
6-00249	60388	Pu-236	0.0066	0.0059	0.0038	7.79	1.00 - 5.00
6-00249	60388	Pu-238	0.0042	0.0057	0.003	0.0415	1.00 - 5.00
6-00249	60388	Pu-239/240	0.0054 U	0.0166	0.0047	0.0404	1.00 - 5.00
6-00249	60388	Pu-244	0.0042	0.0057	0.003	0.0313	1.00 - 5.00
6-00249	60388	Sb-125	0.0149 U	0.0412	0.0124	0.354	1.00 - 5.00
6-00249	60388	Sn-126	-0.0006 U	0.0158	0.0047	0.0237	1.00 - 5.00
6-00249	60388	Sr-90	-0.0346 U	0.224	0.0555	0.485	1.00 - 5.00
6-00249	60388	Th-228	1.39	0.0896	0.133	3.98	1.00 - 5.00
6-00249	60388	Th-229	-0.0213 U	0.1	0.0213	0.145	1.00 - 5.00
6-00249	60388	Th-230	0.907	0.0522	0.097	2.2	1.00 - 5.00
6-00249	60388	Th-232	1.36	0.052	0.128	3.1	1.00 - 5.00
6-00249	60388	Th-234	1.49	0.261	0.135	3.19	1.00 - 5.00
6-00249	60388	Tl-208	0.399	0.0157	0.0231	0.937	1.00 - 5.00
6-00249	60388	Tm-171	-4.57 U	10.6	3.89	72.4	1.00 - 5.00
6-00249	60388	U-233/234	1	0.0582	0.108	2.02	1.00 - 5.00
6-00249	60388	U-235/236	0.0451	0.0457	0.02	0.151	1.00 - 5.00
6-00249	60388	U-238	0.994	0.037	0.106	1.8	1.00 - 5.00
6-00250	60389	Ac-227	0.0102 U	0.171	0.0519	0.217	1.00 - 4.50
6-00250	60389	Ac-228	0.967	0.0815	0.0484	2.4	1.00 - 4.50
6-00250	60389	Am-241	-0.0014 U	0.0305	0.007	0.0454	1.00 - 4.50
6-00250	60389	Bi-212	0.832	0.111	0.0696	2.15	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00250	60389	Bi-214	0.846	0.0265	0.0399	1.59	1.00 - 4.50
6-00250	60389	Cd-113m	-10.7 U	114	36	3030	1.00 - 4.50
6-00250	60389	Cm-243/244	-0.0064 U	0.0284	0.0052	0.0443	1.00 - 4.50
6-00250	60389	Co-60	0.0047 U	0.0158	0.0046	0.028	1.00 - 4.50
6-00250	60389	Cs-134	-0.0008 U	0.0133	0.0045	0.0864	1.00 - 4.50
6-00250	60389	Cs-137	0.0199	0.014	0.0065	0.207	1.00 - 4.50
6-00250	60389	Eu-152	-0.0041 U	0.0412	0.0146	0.0566	1.00 - 4.50
6-00250	60389	Eu-154	-0.0755 UJ	0.0845	0.0324	0.15	1.00 - 4.50
6-00250	60389	Eu-155	0.0321 SJ	0.0628	0.02	0.231	1.00 - 4.50
6-00250	60389	Ho-166m	-0.0018 U	0.023	0.0069	0.0432	1.00 - 4.50
6-00250	60389	K-40	20.7	0.111	1.2	32.4	1.00 - 4.50
6-00250	60389	Na-22	-0.0073 U	0.0183	0.0057	0.037	1.00 - 4.50
6-00250	60389	Nb-94	0.0067 SJ	0.0136	0.0042	0.0214	1.00 - 4.50
6-00250	60389	Np-236	0.0063 U	0.0335	0.01	0.047	1.00 - 4.50
6-00250	60389	Np-239	-0.0206 U	0.113	0.0346	0.139	1.00 - 4.50
6-00250	60389	Pa-231	-0.271 U	0.696	0.255	0.936	1.00 - 4.50
6-00250	60389	Pb-212	1.13	0.0291	0.0691	2.69	1.00 - 4.50
6-00250	60389	Pb-214	0.919	0.0282	0.0445	1.7	1.00 - 4.50
6-00250	60389	Pu-236	-0.0033 UJ	0.0255	0.0045	7.79	1.00 - 4.50
6-00250	60389	Pu-238	-0.0004 UJ	0.0245	0.0051	0.0415	1.00 - 4.50
6-00250	60389	Pu-239/240	-0.0063 UJ	0.0316	0.0061	0.0404	1.00 - 4.50
6-00250	60389	Pu-244	0.0015 UJ	0.0213	0.0047	0.0313	1.00 - 4.50
6-00250	60389	Sb-125	0.0039 U	0.0387	0.0113	0.354	1.00 - 4.50
6-00250	60389	Sn-126	-0.0022 U	0.0146	0.0044	0.0237	1.00 - 4.50
6-00250	60389	Sr-90	-0.0673 U	0.287	0.0691	0.485	1.00 - 4.50
6-00250	60389	Th-228	1.14	0.103	0.115	3.98	1.00 - 4.50
6-00250	60389	Th-229	0.0273	0.0185	0.0138	0.145	1.00 - 4.50
6-00250	60389	Th-230	1.02	0.0502	0.102	2.2	1.00 - 4.50
6-00250	60389	Th-232	1.14	0.0501	0.111	3.1	1.00 - 4.50
6-00250	60389	Th-234	1.33 J	0.268	0.14	3.19	1.00 - 4.50
6-00250	60389	Tl-208	0.322	0.0142	0.0193	0.937	1.00 - 4.50
6-00250	60389	Tm-171	-4.89 U	12.3	4.3	72.4	1.00 - 4.50
6-00250	60389	U-233/234	1.06	0.0482	0.105	2.02	1.00 - 4.50
6-00250	60389	U-235/236	0.0568	0.0469	0.021	0.151	1.00 - 4.50
6-00250	60389	U-238	0.997	0.0524	0.101	1.8	1.00 - 4.50
6-00251	60390	Ac-227	0.0149 UJ	0.207	0.0611	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00251	60390	Ac-228	1.18	0.11	0.0602	2.4	1.00 - 5.00
6-00251	60390	Am-241	0.0024 U	0.0254	0.006	0.0454	1.00 - 5.00
6-00251	60390	Bi-212	0.893 J	0.146	0.0907	2.15	1.00 - 5.00
6-00251	60390	Bi-214	0.945	0.0336	0.047	1.59	1.00 - 5.00
6-00251	60390	Cd-113m	-4.9 U	137	40.4	3030	1.00 - 5.00
6-00251	60390	Cm-243/244	0.0024 U	0.0256	0.006	0.0443	1.00 - 5.00
6-00251	60390	Co-60	0 U	0.0209	0.0061	0.028	1.00 - 5.00
6-00251	60390	Cs-134	0.0037 U	0.017	0.0057	0.0864	1.00 - 5.00
6-00251	60390	Cs-137	0.0087 U	0.0195	0.0059	0.207	1.00 - 5.00
6-00251	60390	Eu-152	0.004 U	0.0504	0.0172	0.0566	1.00 - 5.00
6-00251	60390	Eu-154	0.0026 U	0.114	0.0329	0.15	1.00 - 5.00
6-00251	60390	Eu-155	0.0591 SJ	0.0742	0.0262	0.231	1.00 - 5.00
6-00251	60390	Ho-166m	-0.0002 U	0.0293	0.0087	0.0432	1.00 - 5.00
6-00251	60390	K-40	22.6	0.162	1.36	32.4	1.00 - 5.00
6-00251	60390	Na-22	-0.0043 U	0.0245	0.0074	0.037	1.00 - 5.00
6-00251	60390	Nb-94	0.0095 SJ	0.0171	0.0054	0.0214	1.00 - 5.00
6-00251	60390	Np-236	-0.0058 U	0.0392	0.0135	0.047	1.00 - 5.00
6-00251	60390	Np-239	0.0433 U	0.135	0.0407	0.139	1.00 - 5.00
6-00251	60390	Pa-231	0.141 U	0.845	0.251	0.936	1.00 - 5.00
6-00251	60390	Pb-212	1.27	0.0353	0.0855	2.69	1.00 - 5.00
6-00251	60390	Pb-214	1.1	0.0359	0.0584	1.7	1.00 - 5.00
6-00251	60390	Pu-236	-0.0039 UJ	0.0306	0.0054	7.79	1.00 - 5.00
6-00251	60390	Pu-238	-0.0016 UJ	0.0446	0.0106	0.0415	1.00 - 5.00
6-00251	60390	Pu-239/240	0.0083 UJ	0.0256	0.0073	0.0404	1.00 - 5.00
6-00251	60390	Pu-244	-0.0023 UJ	0.0207	0.004	0.0313	1.00 - 5.00
6-00251	60390	Sb-125	0.0107 U	0.0491	0.0149	0.354	1.00 - 5.00
6-00251	60390	Sn-126	0.0088 U	0.0196	0.006	0.0237	1.00 - 5.00
6-00251	60390	Sr-90	0.0976 U	0.315	0.093	0.485	1.00 - 5.00
6-00251	60390	Th-228	1.16	0.0946	0.12	3.98	1.00 - 5.00
6-00251	60390	Th-229	0.0299	0.0203	0.0151	0.145	1.00 - 5.00
6-00251	60390	Th-230	1.17	0.055	0.117	2.2	1.00 - 5.00
6-00251	60390	Th-232	1.35	0.0692	0.129	3.1	1.00 - 5.00
6-00251	60390	Th-234	1.38	0.321	0.162	3.19	1.00 - 5.00
6-00251	60390	Tl-208	0.408	0.0184	0.0251	0.937	1.00 - 5.00
6-00251	60390	Tm-171	-6.06 U	15.9	5.55	72.4	1.00 - 5.00
6-00251	60390	U-233/234	1.07	0.0449	0.107	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00251	60390	U-235/236	0.077	0.0484	0.0244	0.151	1.00 - 5.00
6-00251	60390	U-238	0.942	0.0134	0.0968	1.8	1.00 - 5.00
6-00252	60391	Ac-227	-0.0801 U	0.164	0.0549	0.217	1.00 - 5.00
6-00252	60391	Ac-228	1.05	0.11	0.0538	2.4	1.00 - 5.00
6-00252	60391	Am-241	0.007	0.0157	0.0051	0.0454	1.00 - 5.00
6-00252	60391	Bi-212	0.748 J	0.142	0.0844	2.15	1.00 - 5.00
6-00252	60391	Bi-214	0.908	0.0319	0.0452	1.59	1.00 - 5.00
6-00252	60391	Cd-113m	-6.98 U	114	35.4	3030	1.00 - 5.00
6-00252	60391	Cm-243/244	-0.0015 U	0.0217	0.0038	0.0443	1.00 - 5.00
6-00252	60391	Co-60	0.0036 U	0.0195	0.0055	0.028	1.00 - 5.00
6-00252	60391	Cs-134	0.0035 U	0.0156	0.0053	0.0864	1.00 - 5.00
6-00252	60391	Cs-137	0.0407	0.0189	0.0074	0.207	1.00 - 5.00
6-00252	60391	Eu-152	-0.0006 U	0.0445	0.0134	0.0566	1.00 - 5.00
6-00252	60391	Eu-154	-0.0556 U	0.11	0.0363	0.15	1.00 - 5.00
6-00252	60391	Eu-155	0.0979 SJ	0.0501	0.0227	0.231	1.00 - 5.00
6-00252	60391	Ho-166m	-0.008 U	0.0276	0.0083	0.0432	1.00 - 5.00
6-00252	60391	K-40	20.1	0.153	1.12	32.4	1.00 - 5.00
6-00252	60391	Na-22	-0.009 U	0.0235	0.0073	0.037	1.00 - 5.00
6-00252	60391	Nb-94	0.0055 U	0.0166	0.0049	0.0214	1.00 - 5.00
6-00252	60391	Np-236	-0.0032 U	0.0277	0.0086	0.047	1.00 - 5.00
6-00252	60391	Np-239	0.0179 U	0.111	0.034	0.139	1.00 - 5.00
6-00252	60391	Pa-231	0.174 U	0.718	0.224	0.936	1.00 - 5.00
6-00252	60391	Pb-212	1.15	0.0289	0.0661	2.69	1.00 - 5.00
6-00252	60391	Pb-214	0.921	0.0307	0.0446	1.7	1.00 - 5.00
6-00252	60391	Pu-236	-0.0023 UJ	0.041	0.0089	7.79	1.00 - 5.00
6-00252	60391	Pu-238	0.0149	0.0362	0.0109	0.0415	1.00 - 5.00
6-00252	60391	Pu-239/240	0.001 UJ	0.0229	0.0044	0.0404	1.00 - 5.00
6-00252	60391	Pu-244	-0.0026 UJ	0.0229	0.0044	0.0313	1.00 - 5.00
6-00252	60391	Sb-125	0.0147 U	0.0436	0.0131	0.354	1.00 - 5.00
6-00252	60391	Sn-126	-0.002 U	0.0186	0.0054	0.0237	1.00 - 5.00
6-00252	60391	Sr-90	0.133 U	0.267	0.0828	0.485	1.00 - 5.00
6-00252	60391	Th-228	1.53	0.11	0.137	3.98	1.00 - 5.00
6-00252	60391	Th-229	0.0195 U	0.078	0.0215	0.145	1.00 - 5.00
6-00252	60391	Th-230	1.01	0.0175	0.099	2.2	1.00 - 5.00
6-00252	60391	Th-232	1.13	0.0175	0.107	3.1	1.00 - 5.00
6-00252	60391	Th-234	1.32	0.205	0.116	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00252	60391	Tl-208	0.354	0.0189	0.0218	0.937	1.00 - 5.00
6-00252	60391	Tm-171	0.761 U	6.36	2.03	72.4	1.00 - 5.00
6-00252	60391	U-233/234	0.837	0.0144	0.0907	2.02	1.00 - 5.00
6-00252	60391	U-235/236	0.0526	0.0178	0.019	0.151	1.00 - 5.00
6-00252	60391	U-238	1.05	0.0419	0.107	1.8	1.00 - 5.00
6-00253	60392	Ac-227	-0.0928 U	0.144	0.0504	0.217	0.00 - 0.50
6-00253	60392	Ac-228	1.25	0.0919	0.0569	2.4	0.00 - 0.50
6-00253	60392	Am-241	0.0106 U	0.0337	0.0096	0.0454	0.00 - 0.50
6-00253	60392	Bi-212	0.954	0.125	0.0787	2.15	0.00 - 0.50
6-00253	60392	Bi-214	1.09	0.0274	0.05	1.59	0.00 - 0.50
6-00253	60392	Cd-113m	5.26 U	98.1	30.3	3030	0.00 - 0.50
6-00253	60392	Cm-243/244	0.0037 U	0.0185	0.0046	0.0443	0.00 - 0.50
6-00253	60392	Co-60	0.0004 U	0.018	0.0052	0.028	0.00 - 0.50
6-00253	60392	Cs-134	-0.0005 U	0.0139	0.0048	0.0864	0.00 - 0.50
6-00253	60392	Cs-137	0.0029 U	0.0162	0.0057	0.207	0.00 - 0.50
6-00253	60392	Eu-152	-0.017 U	0.0381	0.0124	0.0566	0.00 - 0.50
6-00253	60392	Eu-154	-0.0376 U	0.0987	0.0313	0.15	0.00 - 0.50
6-00253	60392	Eu-155	0.0788 SJ	0.0432	0.0177	0.231	0.00 - 0.50
6-00253	60392	Ho-166m	-0.0072 UJ	0.0252	0.0076	0.0432	0.00 - 0.50
6-00253	60392	K-40	23.9	0.135	1.3	32.4	0.00 - 0.50
6-00253	60392	Na-22	-0.0094 U	0.0214	0.0067	0.037	0.00 - 0.50
6-00253	60392	Nb-94	0.0082 SJ	0.015	0.0047	0.0214	0.00 - 0.50
6-00253	60392	Np-236	-0.0244 LU	0.0231	0.0091	0.047	0.00 - 0.50
6-00253	60392	Np-239	-0.0318 U	0.0958	0.0306	0.139	0.00 - 0.50
6-00253	60392	Pa-231	-0.167 U	0.619	0.198	0.936	0.00 - 0.50
6-00253	60392	Pb-212	1.41	0.0255	0.0782	2.69	0.00 - 0.50
6-00253	60392	Pb-214	1.16	0.0281	0.052	1.7	0.00 - 0.50
6-00253	60392	Pu-236	-0.0003 U	0.02	0.0042	7.79	0.00 - 0.50
6-00253	60392	Pu-238	0.0012 U	0.0165	0.0037	0.0415	0.00 - 0.50
6-00253	60392	Pu-239/240	0.0033 U	0.0165	0.0042	0.0404	0.00 - 0.50
6-00253	60392	Pu-244	0.0105 J	0.0057	0.0047	0.0313	0.00 - 0.50
6-00253	60392	Sb-125	0.0053 U	0.0385	0.0114	0.354	0.00 - 0.50
6-00253	60392	Sn-126	-0.0003 U	0.016	0.0046	0.0237	0.00 - 0.50
6-00253	60392	Sr-90	-0.0242 U	0.188	0.0492	0.485	0.00 - 0.50
6-00253	60392	Th-228	1.32	0.0992	0.138	3.98	0.00 - 0.50
6-00253	60392	Th-229	0.043	0.0633	0.0229	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00253	60392	Th-230	0.891	0.0796	0.104	2.2	0.00 - 0.50
6-00253	60392	Th-232	1.11	0.0232	0.118	3.1	0.00 - 0.50
6-00253	60392	Th-234	1.49	0.166	0.112	3.19	0.00 - 0.50
6-00253	60392	Tl-208	0.456	0.0159	0.0261	0.937	0.00 - 0.50
6-00253	60392	Tm-171	1.48 U	5.58	1.82	72.4	0.00 - 0.50
6-00253	60392	U-233/234	1.04	0.0549	0.0985	2.02	0.00 - 0.50
6-00253	60392	U-235/236	0.0192 U	0.0518	0.0153	0.151	0.00 - 0.50
6-00253	60392	U-238	0.941	0.0419	0.0907	1.8	0.00 - 0.50
6-00253	60393	Ac-227	-0.114 U	0.186	0.0691	0.217	1.00 - 5.00
6-00253	60393	Ac-228	1.23	0.103	0.059	2.4	1.00 - 5.00
6-00253	60393	Am-241	0.0077	0.017	0.0053	0.0454	1.00 - 5.00
6-00253	60393	Bi-212	0.98	0.146	0.0943	2.15	1.00 - 5.00
6-00253	60393	Bi-214	1.18	0.0305	0.0556	1.59	1.00 - 5.00
6-00253	60393	Cd-113m	-3.71 U	130	43.5	3030	1.00 - 5.00
6-00253	60393	Cm-243/244	-0.0025 U	0.0197	0.0035	0.0443	1.00 - 5.00
6-00253	60393	Co-60	0.0091 U	0.0201	0.0061	0.028	1.00 - 5.00
6-00253	60393	Cs-134	-0.0079 U	0.0156	0.0057	0.0864	1.00 - 5.00
6-00253	60393	Cs-137	-0.0057 U	0.0196	0.006	0.207	1.00 - 5.00
6-00253	60393	Eu-152	-0.0441 UJ	0.0458	0.0187	0.0566	1.00 - 5.00
6-00253	60393	Eu-154	-0.0239 U	0.105	0.0311	0.15	1.00 - 5.00
6-00253	60393	Eu-155	0.0513 JS	0.0682	0.0257	0.231	1.00 - 5.00
6-00253	60393	Ho-166m	-0.0049 U	0.0285	0.0086	0.0432	1.00 - 5.00
6-00253	60393	K-40	22.7	0.132	1.23	32.4	1.00 - 5.00
6-00253	60393	Na-22	0.0012 U	0.0234	0.0069	0.037	1.00 - 5.00
6-00253	60393	Nb-94	0.0062 U	0.0167	0.005	0.0214	1.00 - 5.00
6-00253	60393	Np-236	0.0096 U	0.0354	0.0122	0.047	1.00 - 5.00
6-00253	60393	Np-239	-0.0686 U	0.126	0.0409	0.139	1.00 - 5.00
6-00253	60393	Pa-231	0.0676 U	0.783	0.231	0.936	1.00 - 5.00
6-00253	60393	Pb-212	1.35	0.0331	0.0779	2.69	1.00 - 5.00
6-00253	60393	Pb-214	1.27	0.0336	0.06	1.7	1.00 - 5.00
6-00253	60393	Pu-236	-0.0004 UJ	0.0239	0.005	7.79	1.00 - 5.00
6-00253	60393	Pu-238	0.0033 UJ	0.0162	0.0041	0.0415	1.00 - 5.00
6-00253	60393	Pu-239/240	0.0076	0.0069	0.0044	0.0404	1.00 - 5.00
6-00253	60393	Pu-244	0.0051	0.0069	0.0036	0.0313	1.00 - 5.00
6-00253	60393	Sb-125	0.0091 U	0.0469	0.0142	0.354	1.00 - 5.00
6-00253	60393	Sn-126	-0.0041 U	0.0183	0.0055	0.0237	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00253	60393	Sr-90	0.124 U	0.271	0.083	0.485	1.00 - 5.00
6-00253	60393	Th-228	1.31	0.086	0.122	3.98	1.00 - 5.00
6-00253	60393	Th-229	0.0063 U	0.0938	0.0242	0.145	1.00 - 5.00
6-00253	60393	Th-230	1.18	0.0579	0.111	2.2	1.00 - 5.00
6-00253	60393	Th-232	1.25	0.0577	0.115	3.1	1.00 - 5.00
6-00253	60393	Th-234	1.71	0.286	0.149	3.19	1.00 - 5.00
6-00253	60393	Tl-208	0.454	0.0167	0.0271	0.937	1.00 - 5.00
6-00253	60393	Tm-171	-8.95 UJ	11.5	4.44	72.4	1.00 - 5.00
6-00253	60393	U-233/234	0.958	0.072	0.106	2.02	1.00 - 5.00
6-00253	60393	U-235/236	0.0555	0.0485	0.0226	0.151	1.00 - 5.00
6-00253	60393	U-238	1.17	0.0618	0.123	1.8	1.00 - 5.00
6-00254	60394	Ac-227	-0.0444 U	0.133	0.041	0.217	0.00 - 0.50
6-00254	60394	Ac-228	1.23	0.0746	0.0558	2.4	0.00 - 0.50
6-00254	60394	Am-241	0.0066	0.0128	0.0043	0.0454	0.00 - 0.50
6-00254	60394	Bi-212	0.787	0.102	0.0595	2.15	0.00 - 0.50
6-00254	60394	Bi-214	1.09	0.0216	0.0483	1.59	0.00 - 0.50
6-00254	60394	Cd-113m	-32.1 U	89	28.5	3030	0.00 - 0.50
6-00254	60394	Cm-243/244	-0.0038 U	0.0203	0.0035	0.0443	0.00 - 0.50
6-00254	60394	Co-60	-0.0042 U	0.0131	0.0041	0.028	0.00 - 0.50
6-00254	60394	Cs-134	0.0023 U	0.0112	0.0038	0.0864	0.00 - 0.50
6-00254	60394	Cs-137	0.0192	0.0122	0.006	0.207	0.00 - 0.50
6-00254	60394	Eu-152	-0.0003 U	0.0328	0.0112	0.0566	0.00 - 0.50
6-00254	60394	Eu-154	-0.0007 U	0.0731	0.0246	0.15	0.00 - 0.50
6-00254	60394	Eu-155	0.0745 SJ	0.0465	0.0221	0.231	0.00 - 0.50
6-00254	60394	Ho-166m	-0.0055 UJ	0.0199	0.0061	0.0432	0.00 - 0.50
6-00254	60394	K-40	22.9	0.101	1.23	32.4	0.00 - 0.50
6-00254	60394	Na-22	0.0013 U	0.0167	0.0049	0.037	0.00 - 0.50
6-00254	60394	Nb-94	0.003 U	0.0116	0.0035	0.0214	0.00 - 0.50
6-00254	60394	Np-236	-0.0055 U	0.0252	0.0078	0.047	0.00 - 0.50
6-00254	60394	Np-239	-0.0348 U	0.0881	0.0274	0.139	0.00 - 0.50
6-00254	60394	Pa-231	-0.46 LU	0.544	0.198	0.936	0.00 - 0.50
6-00254	60394	Pb-212	1.38	0.0231	0.0784	2.69	0.00 - 0.50
6-00254	60394	Pb-214	1.15	0.024	0.0525	1.7	0.00 - 0.50
6-00254	60394	Pu-236	-0.0032 U	0.0173	0.0031	7.79	0.00 - 0.50
6-00254	60394	Pu-238	-0.0072 U	0.0285	0.0058	0.0415	0.00 - 0.50
6-00254	60394	Pu-239/240	-0.0003 U	0.0188	0.0039	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00254	60394	Pu-244	0.011	0.0132	0.0054	0.0313	0.00 - 0.50
6-00254	60394	Sb-125	-0.0002 U	0.0325	0.0099	0.354	0.00 - 0.50
6-00254	60394	Sn-126	-0.0007 U	0.0127	0.0038	0.0237	0.00 - 0.50
6-00254	60394	Sr-90	0.0068 U	0.129	0.0353	0.485	0.00 - 0.50
6-00254	60394	Th-228	1.18	0.0778	0.116	3.98	0.00 - 0.50
6-00254	60394	Th-229	0.0337	0.081	0.0244	0.145	0.00 - 0.50
6-00254	60394	Th-230	1.05	0.0182	0.104	2.2	0.00 - 0.50
6-00254	60394	Th-232	1.22	0.0182	0.115	3.1	0.00 - 0.50
6-00254	60394	Th-234	1.6	0.202	0.128	3.19	0.00 - 0.50
6-00254	60394	Tl-208	0.441	0.0125	0.0239	0.937	0.00 - 0.50
6-00254	60394	Tm-171	-2.51 U	8.27	2.83	72.4	0.00 - 0.50
6-00254	60394	U-233/234	0.844	0.0581	0.0841	2.02	0.00 - 0.50
6-00254	60394	U-235/236	0.0621	0.013	0.0178	0.151	0.00 - 0.50
6-00254	60394	U-238	0.897	0.0416	0.0872	1.8	0.00 - 0.50
6-00254	60395	Ac-227	-0.0421 U	0.175	0.0521	0.217	1.00 - 3.50
6-00254	60395	Ac-228	1.21	0.0864	0.0583	2.4	1.00 - 3.50
6-00254	60395	Am-241	0.0023	0.0061	0.0023	0.0454	1.00 - 3.50
6-00254	60395	Bi-212	0.829	0.109	0.0724	2.15	1.00 - 3.50
6-00254	60395	Bi-214	0.997	0.0273	0.0467	1.59	1.00 - 3.50
6-00254	60395	Cd-113m	-16.5 U	116	34.1	3030	1.00 - 3.50
6-00254	60395	Cm-243/244	-0.0004 U	0.0205	0.0043	0.0443	1.00 - 3.50
6-00254	60395	Co-60	0.0046 U	0.0157	0.0047	0.028	1.00 - 3.50
6-00254	60395	Cs-134	0.0016 U	0.0127	0.0044	0.0864	1.00 - 3.50
6-00254	60395	Cs-137	0.0203	0.0155	0.0065	0.207	1.00 - 3.50
6-00254	60395	Eu-152	-0.0189 U	0.0422	0.0138	0.0566	1.00 - 3.50
6-00254	60395	Eu-154	-0.0573 U	0.0885	0.0344	0.15	1.00 - 3.50
6-00254	60395	Eu-155	0.105 JS	0.0594	0.0285	0.231	1.00 - 3.50
6-00254	60395	Ho-166m	-0.0071 U	0.0235	0.0075	0.0432	1.00 - 3.50
6-00254	60395	K-40	21.9	0.111	1.23	32.4	1.00 - 3.50
6-00254	60395	Na-22	-0.0016 U	0.0177	0.0062	0.037	1.00 - 3.50
6-00254	60395	Nb-94	-0.002 U	0.0134	0.0042	0.0214	1.00 - 3.50
6-00254	60395	Np-236	0.0038 U	0.0332	0.01	0.047	1.00 - 3.50
6-00254	60395	Np-239	-0.0211 U	0.115	0.0365	0.139	1.00 - 3.50
6-00254	60395	Pa-231	0.0598 U	0.724	0.211	0.936	1.00 - 3.50
6-00254	60395	Pb-212	1.37	0.0286	0.0805	2.69	1.00 - 3.50
6-00254	60395	Pb-214	1.11	0.0301	0.0518	1.7	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00254	60395	Pu-236	-0.0041 U	0.0218	0.0038	7.79	1.00 - 3.50
6-00254	60395	Pu-238	-0.0031 U	0.017	0.0031	0.0415	1.00 - 3.50
6-00254	60395	Pu-239/240	-0.004 U	0.0216	0.0038	0.0404	1.00 - 3.50
6-00254	60395	Pu-244	0.0012 U	0.017	0.0038	0.0313	1.00 - 3.50
6-00254	60395	Sb-125	0.0038 U	0.0382	0.0113	0.354	1.00 - 3.50
6-00254	60395	Sn-126	0.0045 U	0.0159	0.0049	0.0237	1.00 - 3.50
6-00254	60395	Sr-90	0.0393 U	0.249	0.0706	0.485	1.00 - 3.50
6-00254	60395	Th-228	1.11	0.114	0.116	3.98	1.00 - 3.50
6-00254	60395	Th-229	0.0148 U	0.105	0.0278	0.145	1.00 - 3.50
6-00254	60395	Th-230	0.911	0.0971	0.101	2.2	1.00 - 3.50
6-00254	60395	Th-232	1.14	0.0544	0.115	3.1	1.00 - 3.50
6-00254	60395	Th-234	1.59	0.265	0.152	3.19	1.00 - 3.50
6-00254	60395	Tl-208	0.389	0.0142	0.0223	0.937	1.00 - 3.50
6-00254	60395	Tm-171	-4.39 U	10.9	3.81	72.4	1.00 - 3.50
6-00254	60395	U-233/234	1	0.0504	0.11	2.02	1.00 - 3.50
6-00254	60395	U-235/236	0.0632	0.0214	0.0228	0.151	1.00 - 3.50
6-00254	60395	U-238	1.04	0.0173	0.113	1.8	1.00 - 3.50
6-00255	60396	Ac-227	-0.0642 U	0.186	0.0576	0.217	0.00 - 0.50
6-00255	60396	Ac-228	1.27	0.11	0.0604	2.4	0.00 - 0.50
6-00255	60396	Am-241	0.0015 U	0.017	0.0034	0.0454	0.00 - 0.50
6-00255	60396	Bi-212	1.01	0.151	0.0882	2.15	0.00 - 0.50
6-00255	60396	Bi-214	1.04	0.0323	0.0503	1.59	0.00 - 0.50
6-00255	60396	Cd-113m	-25.7 U	121	36.7	3030	0.00 - 0.50
6-00255	60396	Cm-243/244	0 U	0.0208	0.0038	0.0443	0.00 - 0.50
6-00255	60396	Co-60	0.0032 U	0.02	0.0058	0.028	0.00 - 0.50
6-00255	60396	Cs-134	0.0003 U	0.0165	0.0055	0.0864	0.00 - 0.50
6-00255	60396	Cs-137	0.0086 U	0.0179	0.0066	0.207	0.00 - 0.50
6-00255	60396	Eu-152	0.0269 J	0.0475	0.0171	0.0566	0.00 - 0.50
6-00255	60396	Eu-154	-0.0259 U	0.112	0.0348	0.15	0.00 - 0.50
6-00255	60396	Eu-155	0.0889 SJ	0.0598	0.0252	0.231	0.00 - 0.50
6-00255	60396	Ho-166m	0.0107 U	0.0293	0.0088	0.0432	0.00 - 0.50
6-00255	60396	K-40	23.4	0.138	1.32	32.4	0.00 - 0.50
6-00255	60396	Na-22	-0.0018 U	0.0242	0.0072	0.037	0.00 - 0.50
6-00255	60396	Nb-94	0.0086 SJ	0.0168	0.0053	0.0214	0.00 - 0.50
6-00255	60396	Np-236	-0.004 U	0.0324	0.01	0.047	0.00 - 0.50
6-00255	60396	Np-239	0.0316 U	0.122	0.0365	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00255	60396	Pa-231	0.0868 U	0.777	0.249	0.936	0.00 - 0.50
6-00255	60396	Pb-212	1.46	0.0344	0.0849	2.69	0.00 - 0.50
6-00255	60396	Pb-214	1.16	0.0332	0.0542	1.7	0.00 - 0.50
6-00255	60396	Pu-236	0.0013 U	0.0186	0.0041	7.79	0.00 - 0.50
6-00255	60396	Pu-238	0.0029 U	0.0142	0.0035	0.0415	0.00 - 0.50
6-00255	60396	Pu-239/240	0.0086	0.0202	0.0061	0.0404	0.00 - 0.50
6-00255	60396	Pu-244	0.0073	0.0142	0.0048	0.0313	0.00 - 0.50
6-00255	60396	Sb-125	0.009 U	0.0473	0.0144	0.354	0.00 - 0.50
6-00255	60396	Sn-126	0.0035 U	0.0187	0.0055	0.0237	0.00 - 0.50
6-00255	60396	Sr-90	-0.025 U	0.108	0.0253	0.485	0.00 - 0.50
6-00255	60396	Th-228	1.25	0.102	0.12	3.98	0.00 - 0.50
6-00255	60396	Th-229	0.0252	0.0463	0.0155	0.145	0.00 - 0.50
6-00255	60396	Th-230	1.08	0.0462	0.104	2.2	0.00 - 0.50
6-00255	60396	Th-232	1.23	0.0461	0.114	3.1	0.00 - 0.50
6-00255	60396	Th-234	1.63	0.257	0.145	3.19	0.00 - 0.50
6-00255	60396	Tl-208	0.462	0.0185	0.0275	0.937	0.00 - 0.50
6-00255	60396	Tm-171	-3.83 U	11.2	3.91	72.4	0.00 - 0.50
6-00255	60396	U-233/234	1.08	0.0607	0.112	2.02	0.00 - 0.50
6-00255	60396	U-235/236	0.0934	0.0543	0.0284	0.151	0.00 - 0.50
6-00255	60396	U-238	1.24	0.0355	0.124	1.8	0.00 - 0.50
6-00255	60397	Ac-227	-0.0384 U	0.173	0.0518	0.217	1.00 - 3.00
6-00255	60397	Ac-228	1.17	0.0903	0.0551	2.4	1.00 - 3.00
6-00255	60397	Am-241	0.0063	0.0057	0.0037	0.0454	1.00 - 3.00
6-00255	60397	Bi-212	0.838	0.112	0.0704	2.15	1.00 - 3.00
6-00255	60397	Bi-214	1.11	0.0253	0.051	1.59	1.00 - 3.00
6-00255	60397	Cd-113m	14.9 U	114	34.6	3030	1.00 - 3.00
6-00255	60397	Cm-243/244	0.0054 U	0.0167	0.0048	0.0443	1.00 - 3.00
6-00255	60397	Co-60	-0.0069 U	0.0162	0.005	0.028	1.00 - 3.00
6-00255	60397	Cs-134	-0.0002 U	0.013	0.0045	0.0864	1.00 - 3.00
6-00255	60397	Cs-137	0.0077 J	0.0151	0.0052	0.207	1.00 - 3.00
6-00255	60397	Eu-152	-0.0256 UJ	0.0402	0.014	0.0566	1.00 - 3.00
6-00255	60397	Eu-154	-0.0025 U	0.0878	0.0301	0.15	1.00 - 3.00
6-00255	60397	Eu-155	0.0563 JS	0.0573	0.0216	0.231	1.00 - 3.00
6-00255	60397	Ho-166m	0.0069 U	0.0242	0.0071	0.0432	1.00 - 3.00
6-00255	60397	K-40	22.5	0.115	1.27	32.4	1.00 - 3.00
6-00255	60397	Na-22	0.0014 U	0.0195	0.0058	0.037	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00255	60397	Nb-94	0.008 JS	0.0141	0.0044	0.0214	1.00 - 3.00
6-00255	60397	Np-236	-0.0152 U	0.0315	0.0104	0.047	1.00 - 3.00
6-00255	60397	Np-239	-0.0199 U	0.113	0.0336	0.139	1.00 - 3.00
6-00255	60397	Pa-231	-0.42 U	0.674	0.233	0.936	1.00 - 3.00
6-00255	60397	Pb-212	1.36	0.029	0.0814	2.69	1.00 - 3.00
6-00255	60397	Pb-214	1.19	0.0285	0.0567	1.7	1.00 - 3.00
6-00255	60397	Pu-236	0.0013 U	0.0177	0.0039	7.79	1.00 - 3.00
6-00255	60397	Pu-238	0.0028 U	0.0138	0.0034	0.0415	1.00 - 3.00
6-00255	60397	Pu-239/240	0.0018 U	0.0196	0.0046	0.0404	1.00 - 3.00
6-00255	60397	Pu-244	0.0018 U	0.0196	0.0046	0.0313	1.00 - 3.00
6-00255	60397	Sb-125	-0.0107 U	0.0376	0.0117	0.354	1.00 - 3.00
6-00255	60397	Sn-126	0.0053 U	0.0152	0.0045	0.0237	1.00 - 3.00
6-00255	60397	Sr-90	0.049 U	0.174	0.0502	0.485	1.00 - 3.00
6-00255	60397	Th-228	1.32	0.102	0.131	3.98	1.00 - 3.00
6-00255	60397	Th-229	0.0148 U	0.105	0.0278	0.145	1.00 - 3.00
6-00255	60397	Th-230	1.03	0.0971	0.11	2.2	1.00 - 3.00
6-00255	60397	Th-232	1.1	0.0543	0.112	3.1	1.00 - 3.00
6-00255	60397	Th-234	1.5	0.239	0.136	3.19	1.00 - 3.00
6-00255	60397	Tl-208	0.407	0.0144	0.0231	0.937	1.00 - 3.00
6-00255	60397	Tm-171	3.19 U	9.88	3.38	72.4	1.00 - 3.00
6-00255	60397	U-233/234	1.29	0.0535	0.127	2.02	1.00 - 3.00
6-00255	60397	U-235/236	0.0565	0.052	0.0223	0.151	1.00 - 3.00
6-00255	60397	U-238	1.11	0.0582	0.113	1.8	1.00 - 3.00
6-00256	60398	Ac-227	-0.0371 U	0.132	0.0405	0.217	0.00 - 0.50
6-00256	60398	Ac-228	1.06	0.0724	0.0503	2.4	0.00 - 0.50
6-00256	60398	Am-241	0.007	0.0156	0.0051	0.0454	0.00 - 0.50
6-00256	60398	Bi-212	0.729	0.0961	0.0595	2.15	0.00 - 0.50
6-00256	60398	Bi-214	0.796	0.0215	0.0369	1.59	0.00 - 0.50
6-00256	60398	Cd-113m	7.39 U	88.7	26.4	3030	0.00 - 0.50
6-00256	60398	Cm-243/244	0.0013 U	0.0258	0.0059	0.0443	0.00 - 0.50
6-00256	60398	Co-60	-0.0034 U	0.0126	0.0039	0.028	0.00 - 0.50
6-00256	60398	Cs-134	0.0028 U	0.0108	0.0037	0.0864	0.00 - 0.50
6-00256	60398	Cs-137	0.0156 J	0.0129	0.0055	0.207	0.00 - 0.50
6-00256	60398	Eu-152	0.0065 UJ	0.0327	0.0113	0.0566	0.00 - 0.50
6-00256	60398	Eu-154	0.0038 U	0.0724	0.0244	0.15	0.00 - 0.50
6-00256	60398	Eu-155	0.0525 SJ	0.0473	0.016	0.231	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00256	60398	Ho-166m	0.0008 U	0.0188	0.0056	0.0432	0.00 - 0.50
6-00256	60398	K-40	21.3	0.0999	1.27	32.4	0.00 - 0.50
6-00256	60398	Na-22	-0.0101 U	0.0154	0.0053	0.037	0.00 - 0.50
6-00256	60398	Nb-94	0.0033 U	0.0107	0.0032	0.0214	0.00 - 0.50
6-00256	60398	Np-236	-0.0167 U	0.0253	0.0088	0.047	0.00 - 0.50
6-00256	60398	Np-239	-0.0112 U	0.0882	0.0262	0.139	0.00 - 0.50
6-00256	60398	Pa-231	0.134 U	0.567	0.171	0.936	0.00 - 0.50
6-00256	60398	Pb-212	1.17	0.0233	0.0782	2.69	0.00 - 0.50
6-00256	60398	Pb-214	0.902	0.0228	0.0465	1.7	0.00 - 0.50
6-00256	60398	Pu-236	-0.0004 U	0.0266	0.0062	7.79	0.00 - 0.50
6-00256	60398	Pu-238	0.0046	0.0145	0.0041	0.0415	0.00 - 0.50
6-00256	60398	Pu-239/240	-0.0014 U	0.0181	0.0033	0.0404	0.00 - 0.50
6-00256	60398	Pu-244	-0.0018 U	0.0145	0.0028	0.0313	0.00 - 0.50
6-00256	60398	Sb-125	0.0097 U	0.0322	0.01	0.354	0.00 - 0.50
6-00256	60398	Sn-126	0.0039 U	0.0121	0.0037	0.0237	0.00 - 0.50
6-00256	60398	Sr-90	0.0164 U	0.156	0.0432	0.485	0.00 - 0.50
6-00256	60398	Th-228	1.37	0.0951	0.124	3.98	0.00 - 0.50
6-00256	60398	Th-229	0.0176 U	0.0881	0.0242	0.145	0.00 - 0.50
6-00256	60398	Th-230	1.06	0.0544	0.1	2.2	0.00 - 0.50
6-00256	60398	Th-232	1.15	0.0542	0.106	3.1	0.00 - 0.50
6-00256	60398	Th-234	1.4	0.204	0.127	3.19	0.00 - 0.50
6-00256	60398	Tl-208	0.366	0.0124	0.0204	0.937	0.00 - 0.50
6-00256	60398	Tm-171	-4.64 U	10.5	3.7	72.4	0.00 - 0.50
6-00256	60398	U-233/234	0.904	0.0504	0.0978	2.02	0.00 - 0.50
6-00256	60398	U-235/236	0.11	0.0187	0.0287	0.151	0.00 - 0.50
6-00256	60398	U-238	0.874	0.069	0.0962	1.8	0.00 - 0.50
6-00256	60399	Ac-227	0.162 J	0.216	0.073	0.217	1.00 - 3.70
6-00256	60399	Ac-228	1.14	0.104	0.0589	2.4	1.00 - 3.70
6-00256	60399	Am-241	0.0093 U	0.0344	0.0095	0.0454	1.00 - 3.70
6-00256	60399	Bi-212	0.863	0.138	0.0801	2.15	1.00 - 3.70
6-00256	60399	Bi-214	0.956	0.0316	0.0463	1.59	1.00 - 3.70
6-00256	60399	Cd-113m	-107 UJ	137	52.1	3030	1.00 - 3.70
6-00256	60399	Cm-243/244	0.0074 U	0.041	0.0108	0.0443	1.00 - 3.70
6-00256	60399	Co-60	0.0083 U	0.0197	0.0059	0.028	1.00 - 3.70
6-00256	60399	Cs-134	0.0075 U	0.0167	0.0059	0.0864	1.00 - 3.70
6-00256	60399	Cs-137	-0.0086 U	0.0183	0.006	0.207	1.00 - 3.70

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00256	60399	Eu-152	0.0046 U	0.0504	0.0195	0.0566	1.00 - 3.70
6-00256	60399	Eu-154	-0.0154 U	0.106	0.0314	0.15	1.00 - 3.70
6-00256	60399	Eu-155	0.0311 U	0.0738	0.0242	0.231	1.00 - 3.70
6-00256	60399	Ho-166m	0.0031 U	0.0282	0.0085	0.0432	1.00 - 3.70
6-00256	60399	K-40	22.7	0.121	1.39	32.4	1.00 - 3.70
6-00256	60399	Na-22	-0.0082 U	0.0222	0.007	0.037	1.00 - 3.70
6-00256	60399	Nb-94	0.004 U	0.0161	0.0049	0.0214	1.00 - 3.70
6-00256	60399	Np-236	0.0067 U	0.04	0.0123	0.047	1.00 - 3.70
6-00256	60399	Np-239	0.0281 U	0.14	0.0413	0.139	1.00 - 3.70
6-00256	60399	Pa-231	-0.0641 U	0.862	0.262	0.936	1.00 - 3.70
6-00256	60399	Pb-212	1.33	0.0352	0.0826	2.69	1.00 - 3.70
6-00256	60399	Pb-214	1.07	0.0359	0.0524	1.7	1.00 - 3.70
6-00256	60399	Pu-236	0.0034 UJ	0.0575	0.014	7.79	1.00 - 3.70
6-00256	60399	Pu-238	-0.0185 UJ	0.0702	0.0147	0.0415	1.00 - 3.70
6-00256	60399	Pu-239/240	0.0047	0.0128	0.0047	0.0404	1.00 - 3.70
6-00256	60399	Pu-244	0.0013 UJ	0.0301	0.0058	0.0313	1.00 - 3.70
6-00256	60399	Sb-125	-0.0219 U	0.0452	0.0146	0.354	1.00 - 3.70
6-00256	60399	Sn-126	-0.0056 U	0.0177	0.0056	0.0237	1.00 - 3.70
6-00256	60399	Sr-90	-0.0904 U	0.217	0.0494	0.485	1.00 - 3.70
6-00256	60399	Th-228	1.26	0.0647	0.119	3.98	1.00 - 3.70
6-00256	60399	Th-229	0 U	0.0924	0.0227	0.145	1.00 - 3.70
6-00256	60399	Th-230	0.96	0.0704	0.0977	2.2	1.00 - 3.70
6-00256	60399	Th-232	1.09	0.0177	0.105	3.1	1.00 - 3.70
6-00256	60399	Th-234	1.42 J	0.298	0.157	3.19	1.00 - 3.70
6-00256	60399	Tl-208	0.395	0.0176	0.0233	0.937	1.00 - 3.70
6-00256	60399	Tm-171	-7.89 U	13.5	5.43	72.4	1.00 - 3.70
6-00256	60399	U-233/234	1	0.0548	0.105	2.02	1.00 - 3.70
6-00256	60399	U-235/236	0.0424	0.043	0.0188	0.151	1.00 - 3.70
6-00256	60399	U-238	0.952	0.0348	0.101	1.8	1.00 - 3.70
6-00257	60400	Ac-227	-0.0331 UJ	0.187	0.0557	0.217	1.00 - 2.50
6-00257	60400	Ac-228	1.14	0.103	0.0568	2.4	1.00 - 2.50
6-00257	60400	Am-241	0.002 U	0.0262	0.0066	0.0454	1.00 - 2.50
6-00257	60400	Bi-212	0.895	0.142	0.0858	2.15	1.00 - 2.50
6-00257	60400	Bi-214	1	0.0299	0.0485	1.59	1.00 - 2.50
6-00257	60400	Cd-113m	39.8 U	127	38	3030	1.00 - 2.50
6-00257	60400	Cm-243/244	-0.0025 U	0.0193	0.0034	0.0443	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00257	60400	Co-60	0.0026 U	0.0201	0.0059	0.028	1.00 - 2.50
6-00257	60400	Cs-134	0.0057 U	0.0156	0.0053	0.0864	1.00 - 2.50
6-00257	60400	Cs-137	0.0102 J	0.019	0.0067	0.207	1.00 - 2.50
6-00257	60400	Eu-152	-0.0202 U	0.0467	0.015	0.0566	1.00 - 2.50
6-00257	60400	Eu-154	-0.0545 U	0.107	0.0347	0.15	1.00 - 2.50
6-00257	60400	Eu-155	0.0468 SJ	0.0683	0.023	0.231	1.00 - 2.50
6-00257	60400	Ho-166m	0.002 U	0.0274	0.0081	0.0432	1.00 - 2.50
6-00257	60400	K-40	22.9	0.15	1.41	32.4	1.00 - 2.50
6-00257	60400	Na-22	-0.003 U	0.0239	0.0072	0.037	1.00 - 2.50
6-00257	60400	Nb-94	0.0109 SJ	0.0164	0.0053	0.0214	1.00 - 2.50
6-00257	60400	Np-236	-0.0124 U	0.035	0.011	0.047	1.00 - 2.50
6-00257	60400	Np-239	0.0365 U	0.126	0.0374	0.139	1.00 - 2.50
6-00257	60400	Pa-231	-0.348 U	0.771	0.246	0.936	1.00 - 2.50
6-00257	60400	Pb-212	1.28	0.0322	0.077	2.69	1.00 - 2.50
6-00257	60400	Pb-214	1.1	0.0332	0.0532	1.7	1.00 - 2.50
6-00257	60400	Pu-236	-0.0152 UJ	0.0418	0.0078	7.79	1.00 - 2.50
6-00257	60400	Pu-238	0.0107 UJ	0.0403	0.0114	0.0415	1.00 - 2.50
6-00257	60400	Pu-239/240	0.0044 UJ	0.0222	0.0057	0.0404	1.00 - 2.50
6-00257	60400	Pu-244	-0.0012 UJ	0.0222	0.004	0.0313	1.00 - 2.50
6-00257	60400	Sb-125	0.0125 U	0.0455	0.0139	0.354	1.00 - 2.50
6-00257	60400	Sn-126	0.0022 U	0.0177	0.0052	0.0237	1.00 - 2.50
6-00257	60400	Sr-90	0.094 U	0.218	0.0662	0.485	1.00 - 2.50
6-00257	60400	Th-228	1.11	0.0705	0.113	3.98	1.00 - 2.50
6-00257	60400	Th-229	0.0432	0.067	0.0229	0.145	1.00 - 2.50
6-00257	60400	Th-230	0.942	0.0774	0.101	2.2	1.00 - 2.50
6-00257	60400	Th-232	1.2	0.0194	0.116	3.1	1.00 - 2.50
6-00257	60400	Th-234	1.49	0.296	0.158	3.19	1.00 - 2.50
6-00257	60400	Tl-208	0.404	0.0168	0.0241	0.937	1.00 - 2.50
6-00257	60400	Tm-171	-5.04 U	14.5	4.92	72.4	1.00 - 2.50
6-00257	60400	U-233/234	1.09	0.0729	0.117	2.02	1.00 - 2.50
6-00257	60400	U-235/236	0.0407	0.0492	0.0199	0.151	1.00 - 2.50
6-00257	60400	U-238	1.1	0.0492	0.117	1.8	1.00 - 2.50
6-00259	60402	Ac-227	-0.0288 UJ	0.15	0.0462	0.217	1.00 - 5.00
6-00259	60402	Ac-228	0.976	0.0762	0.0493	2.4	1.00 - 5.00
6-00259	60402	Am-241	0.0002 U	0.0199	0.0045	0.0454	1.00 - 5.00
6-00259	60402	Bi-212	0.768	0.103	0.0637	2.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00259	60402	Bi-214	0.7	0.0223	0.0341	1.59	1.00 - 5.00
6-00259	60402	Cd-113m	-9.23 U	99.4	31.4	3030	1.00 - 5.00
6-00259	60402	Cm-243/244	0.0002 U	0.02	0.0045	0.0443	1.00 - 5.00
6-00259	60402	Co-60	0.0049 U	0.0138	0.0041	0.028	1.00 - 5.00
6-00259	60402	Cs-134	-0.0053 U	0.0113	0.0042	0.0864	1.00 - 5.00
6-00259	60402	Cs-137	0.0065 J	0.0127	0.0045	0.207	1.00 - 5.00
6-00259	60402	Eu-152	0.0267 J	0.0364	0.0159	0.0566	1.00 - 5.00
6-00259	60402	Eu-154	-0.0505 U	0.0759	0.026	0.15	1.00 - 5.00
6-00259	60402	Eu-155	0.0641 SJ	0.0519	0.0201	0.231	1.00 - 5.00
6-00259	60402	Ho-166m	-0.0009 U	0.0208	0.0063	0.0432	1.00 - 5.00
6-00259	60402	K-40	20.2	0.0985	1.22	32.4	1.00 - 5.00
6-00259	60402	Na-22	-0.0096 U	0.0165	0.0056	0.037	1.00 - 5.00
6-00259	60402	Nb-94	0.0095 SJ	0.0124	0.0042	0.0214	1.00 - 5.00
6-00259	60402	Np-236	-0.0177 U	0.028	0.0096	0.047	1.00 - 5.00
6-00259	60402	Np-239	0.0291 U	0.102	0.0314	0.139	1.00 - 5.00
6-00259	60402	Pa-231	0.129 U	0.62	0.196	0.936	1.00 - 5.00
6-00259	60402	Pb-212	1.12	0.0253	0.0696	2.69	1.00 - 5.00
6-00259	60402	Pb-214	0.807	0.026	0.0416	1.7	1.00 - 5.00
6-00259	60402	Pu-236	0.0003 U	0.0286	0.0064	7.79	1.00 - 5.00
6-00259	60402	Pu-238	0.0153	0.0218	0.0079	0.0415	1.00 - 5.00
6-00259	60402	Pu-239/240	-0.0052 U	0.0277	0.0048	0.0404	1.00 - 5.00
6-00259	60402	Pu-244	0.0008 U	0.0176	0.0034	0.0313	1.00 - 5.00
6-00259	60402	Sb-125	0.0119 U	0.0351	0.0105	0.354	1.00 - 5.00
6-00259	60402	Sn-126	0.0029 U	0.0133	0.004	0.0237	1.00 - 5.00
6-00259	60402	Sr-90	0.0262 U	0.213	0.0605	0.485	1.00 - 5.00
6-00259	60402	Th-228	0.71	0.0881	0.0859	3.98	1.00 - 5.00
6-00259	60402	Th-229	-0.007 U	0.0989	0.0233	0.145	1.00 - 5.00
6-00259	60402	Th-230	0.511	0.0515	0.0677	2.2	1.00 - 5.00
6-00259	60402	Th-232	0.572	0.0514	0.0723	3.1	1.00 - 5.00
6-00259	60402	Th-234	1.38	0.22	0.119	3.19	1.00 - 5.00
6-00259	60402	Tl-208	0.329	0.0121	0.0193	0.937	1.00 - 5.00
6-00259	60402	Tm-171	-0.243 U	8.93	3.13	72.4	1.00 - 5.00
6-00259	60402	U-233/234	0.556	0.0535	0.0644	2.02	1.00 - 5.00
6-00259	60402	U-235/236	0.0472	0.0483	0.0192	0.151	1.00 - 5.00
6-00259	60402	U-238	0.535	0.0391	0.062	1.8	1.00 - 5.00
6-00260	60403	Ac-227	-0.036 UJ	0.2	0.0606	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00260	60403	Ac-228	1.16	0.0963	0.0603	2.4	1.00 - 5.00
6-00260	60403	Am-241	0.0055 U	0.0171	0.0049	0.0454	1.00 - 5.00
6-00260	60403	Bi-212	0.813 J	0.191	0.206	2.15	1.00 - 5.00
6-00260	60403	Bi-214	0.901	0.0292	0.0437	1.59	1.00 - 5.00
6-00260	60403	Cd-113m	-95.7 U	133	52.5	3030	1.00 - 5.00
6-00260	60403	Cm-243/244	-0.001 U	0.0171	0.0031	0.0443	1.00 - 5.00
6-00260	60403	Co-60	0.0039 U	0.0174	0.005	0.028	1.00 - 5.00
6-00260	60403	Cs-134	-0.0033 U	0.0143	0.005	0.0864	1.00 - 5.00
6-00260	60403	Cs-137	-0.0139 UJ	0.0159	0.0059	0.207	1.00 - 5.00
6-00260	60403	Eu-152	0.0087 U	0.0475	0.0175	0.0566	1.00 - 5.00
6-00260	60403	Eu-154	-0.0381 U	0.0963	0.0308	0.15	1.00 - 5.00
6-00260	60403	Eu-155	0.0388 SJ	0.0743	0.0246	0.231	1.00 - 5.00
6-00260	60403	Ho-166m	-0.0029 U	0.0253	0.0075	0.0432	1.00 - 5.00
6-00260	60403	K-40	22.5	0.129	1.48	32.4	1.00 - 5.00
6-00260	60403	Na-22	-0.0134 U	0.0205	0.007	0.037	1.00 - 5.00
6-00260	60403	Nb-94	0.0064 U	0.0152	0.0046	0.0214	1.00 - 5.00
6-00260	60403	Np-236	-0.0174 U	0.0396	0.0124	0.047	1.00 - 5.00
6-00260	60403	Np-239	-0.009 U	0.137	0.0411	0.139	1.00 - 5.00
6-00260	60403	Pa-231	-0.463 U	0.829	0.314	0.936	1.00 - 5.00
6-00260	60403	Pb-212	1.32	0.0343	0.0883	2.69	1.00 - 5.00
6-00260	60403	Pb-214	0.988	0.0343	0.0507	1.7	1.00 - 5.00
6-00260	60403	Pu-236	-0.0082 UJ	0.048	0.0109	7.79	1.00 - 5.00
6-00260	60403	Pu-238	0.0116	0.0273	0.0083	0.0415	1.00 - 5.00
6-00260	60403	Pu-239/240	-0.0057 UJ	0.0302	0.0053	0.0404	1.00 - 5.00
6-00260	60403	Pu-244	0	0.0082	0.003	0.0313	1.00 - 5.00
6-00260	60403	Sb-125	0.0085 U	0.0449	0.0136	0.354	1.00 - 5.00
6-00260	60403	Sn-126	-0.0013 U	0.0163	0.0048	0.0237	1.00 - 5.00
6-00260	60403	Sr-90	-0.0504 U	0.219	0.0529	0.485	1.00 - 5.00
6-00260	60403	Th-228	1.35	0.101	0.136	3.98	1.00 - 5.00
6-00260	60403	Th-229	0.0161 U	0.0966	0.0254	0.145	1.00 - 5.00
6-00260	60403	Th-230	0.794	0.105	0.0963	2.2	1.00 - 5.00
6-00260	60403	Th-232	1.15	0.0589	0.119	3.1	1.00 - 5.00
6-00260	60403	Th-234	1.16	0.313	0.148	3.19	1.00 - 5.00
6-00260	60403	Tl-208	0.373	0.017	0.0217	0.937	1.00 - 5.00
6-00260	60403	Tm-171	-12.5 U	15.8	6.41	72.4	1.00 - 5.00
6-00260	60403	U-233/234	0.912	0.0549	0.0982	2.02	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00260	60403	U-235/236	0.0298 U	0.0737	0.0221	0.151	1.00 - 5.00
6-00260	60403	U-238	0.909	0.0549	0.098	1.8	1.00 - 5.00
6-00261	60404	Ac-227	-0.0336 UJ	0.167	0.0522	0.217	1.00 - 5.00
6-00261	60404	Ac-228	1.14	0.0908	0.0546	2.4	1.00 - 5.00
6-00261	60404	Am-241	-0.0034 U	0.0235	0.0046	0.0454	1.00 - 5.00
6-00261	60404	Bi-212	0.793 J	0.121	0.0802	2.15	1.00 - 5.00
6-00261	60404	Bi-214	0.917	0.0253	0.0438	1.59	1.00 - 5.00
6-00261	60404	Cd-113m	-15 U	111	34.4	3030	1.00 - 5.00
6-00261	60404	Cm-243/244	0.0034 U	0.017	0.0044	0.0443	1.00 - 5.00
6-00261	60404	Co-60	-0.007 U	0.0159	0.0052	0.028	1.00 - 5.00
6-00261	60404	Cs-134	-0.0035 U	0.0128	0.0045	0.0864	1.00 - 5.00
6-00261	60404	Cs-137	-0.0104 U	0.0151	0.0053	0.207	1.00 - 5.00
6-00261	60404	Eu-152	-0.0231 U	0.0416	0.0135	0.0566	1.00 - 5.00
6-00261	60404	Eu-154	-0.0492 U	0.0931	0.0306	0.15	1.00 - 5.00
6-00261	60404	Eu-155	0.0885 SJ	0.0585	0.0271	0.231	1.00 - 5.00
6-00261	60404	Ho-166m	-0.0015 U	0.0249	0.0076	0.0432	1.00 - 5.00
6-00261	60404	K-40	22.4	0.119	1.27	32.4	1.00 - 5.00
6-00261	60404	Na-22	-0.0076 U	0.0197	0.0063	0.037	1.00 - 5.00
6-00261	60404	Nb-94	0.0153 SJ	0.0147	0.0055	0.0214	1.00 - 5.00
6-00261	60404	Np-236	-0.0002 U	0.032	0.0098	0.047	1.00 - 5.00
6-00261	60404	Np-239	0.0021 U	0.115	0.0348	0.139	1.00 - 5.00
6-00261	60404	Pa-231	-0.121 U	0.698	0.218	0.936	1.00 - 5.00
6-00261	60404	Pb-212	1.26	0.0293	0.0754	2.69	1.00 - 5.00
6-00261	60404	Pb-214	1.05	0.0298	0.0502	1.7	1.00 - 5.00
6-00261	60404	Pu-236	-0.0028 U	0.0335	0.0075	7.79	1.00 - 5.00
6-00261	60404	Pu-238	-0.0013 U	0.0359	0.0086	0.0415	1.00 - 5.00
6-00261	60404	Pu-239/240	-0.0058 U	0.0375	0.0084	0.0404	1.00 - 5.00
6-00261	60404	Pu-244	-0.0012 U	0.0207	0.0038	0.0313	1.00 - 5.00
6-00261	60404	Sb-125	0.0057 U	0.0402	0.0118	0.354	1.00 - 5.00
6-00261	60404	Sn-126	0.0042 U	0.016	0.0049	0.0237	1.00 - 5.00
6-00261	60404	Sr-90	0.143 U	0.401	0.119	0.485	1.00 - 5.00
6-00261	60404	Th-228	1.35	0.122	0.13	3.98	1.00 - 5.00
6-00261	60404	Th-229	0.014 U	0.0842	0.0222	0.145	1.00 - 5.00
6-00261	60404	Th-230	0.881	0.0515	0.0943	2.2	1.00 - 5.00
6-00261	60404	Th-232	1.15	0.0189	0.112	3.1	1.00 - 5.00
6-00261	60404	Th-234	1.47	0.262	0.147	3.19	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00261	60404	Tl-208	0.389	0.0147	0.0234	0.937	1.00 - 5.00
6-00261	60404	Tm-171	-0.775 U	11.7	4.04	72.4	1.00 - 5.00
6-00261	60404	U-233/234	0.84	0.0525	0.0889	2.02	1.00 - 5.00
6-00261	60404	U-235/236	0.0952	0.0161	0.0248	0.151	1.00 - 5.00
6-00261	60404	U-238	0.902	0.0525	0.0936	1.8	1.00 - 5.00
6-00262	60405	Ac-227	-0.0365 UJ	0.151	0.0454	0.217	1.00 - 5.00
6-00262	60405	Ac-228	1.06	0.0744	0.0497	2.4	1.00 - 5.00
6-00262	60405	Am-241	-0.0092 U	0.028	0.0053	0.0454	1.00 - 5.00
6-00262	60405	Bi-212	0.688	0.106	0.0604	2.15	1.00 - 5.00
6-00262	60405	Bi-214	0.896	0.0229	0.0411	1.59	1.00 - 5.00
6-00262	60405	Cd-113m	-12 U	100	30.6	3030	1.00 - 5.00
6-00262	60405	Cm-243/244	0.0032 U	0.0162	0.0041	0.0443	1.00 - 5.00
6-00262	60405	Co-60	0.002 U	0.0145	0.0041	0.028	1.00 - 5.00
6-00262	60405	Cs-134	0.0047 U	0.0118	0.0042	0.0864	1.00 - 5.00
6-00262	60405	Cs-137	-0.0153 UJ	0.0124	0.0053	0.207	1.00 - 5.00
6-00262	60405	Eu-152	0.0299 J	0.0368	0.0133	0.0566	1.00 - 5.00
6-00262	60405	Eu-154	-0.043 U	0.0776	0.0259	0.15	1.00 - 5.00
6-00262	60405	Eu-155	0.0956 SJ	0.0505	0.0217	0.231	1.00 - 5.00
6-00262	60405	Ho-166m	-0.0019 U	0.0207	0.0061	0.0432	1.00 - 5.00
6-00262	60405	K-40	21.1	0.11	1.19	32.4	1.00 - 5.00
6-00262	60405	Na-22	-0.0052 U	0.0164	0.0052	0.037	1.00 - 5.00
6-00262	60405	Nb-94	0.0041 U	0.0121	0.0036	0.0214	1.00 - 5.00
6-00262	60405	Np-236	-0.0157 U	0.028	0.0094	0.047	1.00 - 5.00
6-00262	60405	Np-239	-0.0314 U	0.1	0.0304	0.139	1.00 - 5.00
6-00262	60405	Pa-231	-0.216 U	0.608	0.188	0.936	1.00 - 5.00
6-00262	60405	Pb-212	1.21	0.0255	0.0725	2.69	1.00 - 5.00
6-00262	60405	Pb-214	0.925	0.0259	0.0451	1.7	1.00 - 5.00
6-00262	60405	Pu-236	0.0159 UJ	0.0499	0.0143	7.79	1.00 - 5.00
6-00262	60405	Pu-238	0.0003 UJ	0.0579	0.0144	0.0415	1.00 - 5.00
6-00262	60405	Pu-239/240	0.0089	0.0248	0.0073	0.0404	1.00 - 5.00
6-00262	60405	Pu-244	0.0078	0.0105	0.0055	0.0313	1.00 - 5.00
6-00262	60405	Sb-125	0.0128 U	0.035	0.0107	0.354	1.00 - 5.00
6-00262	60405	Sn-126	0.0055 U	0.014	0.0042	0.0237	1.00 - 5.00
6-00262	60405	Sr-90	0.22	0.254	0.0848	0.485	1.00 - 5.00
6-00262	60405	Th-228	1.05	0.0981	0.111	3.98	1.00 - 5.00
6-00262	60405	Th-229	0.0072 U	0.101	0.0258	0.145	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00262	60405	Th-230	0.764	0.0937	0.0895	2.2	1.00 - 5.00
6-00262	60405	Th-232	0.976	0.0524	0.102	3.1	1.00 - 5.00
6-00262	60405	Th-234	1.43	0.222	0.132	3.19	1.00 - 5.00
6-00262	60405	Tl-208	0.371	0.0133	0.0213	0.937	1.00 - 5.00
6-00262	60405	Tm-171	-5.37 U	8.54	3.18	72.4	1.00 - 5.00
6-00262	60405	U-233/234	0.802	0.0736	0.0994	2.02	1.00 - 5.00
6-00262	60405	U-235/236	0.0595	0.0716	0.0277	0.151	1.00 - 5.00
6-00262	60405	U-238	0.775	0.0579	0.0965	1.8	1.00 - 5.00
6-00263	60406	Ac-227	-0.0509 UJ	0.174	0.0531	0.217	1.00 - 5.00
6-00263	60406	Ac-228	1.08	0.0825	0.0545	2.4	1.00 - 5.00
6-00263	60406	Am-241	-0.0019 U	0.0211	0.0043	0.0454	1.00 - 5.00
6-00263	60406	Bi-212	0.766	0.118	0.0682	2.15	1.00 - 5.00
6-00263	60406	Bi-214	0.701	0.0258	0.0361	1.59	1.00 - 5.00
6-00263	60406	Cd-113m	-27.4 U	118	40.7	3030	1.00 - 5.00
6-00263	60406	Cm-243/244	0.0042	0.0057	0.003	0.0443	1.00 - 5.00
6-00263	60406	Co-60	-0.0085 U	0.0152	0.0051	0.028	1.00 - 5.00
6-00263	60406	Cs-134	0 U	0.013	0.0045	0.0864	1.00 - 5.00
6-00263	60406	Cs-137	0.0016 U	0.0154	0.0046	0.207	1.00 - 5.00
6-00263	60406	Eu-152	-0.0102 U	0.0417	0.0185	0.0566	1.00 - 5.00
6-00263	60406	Eu-154	-0.0656 UJ	0.0824	0.0297	0.15	1.00 - 5.00
6-00263	60406	Eu-155	0.0716 SJ	0.0607	0.0221	0.231	1.00 - 5.00
6-00263	60406	Ho-166m	-0.0055 U	0.023	0.0071	0.0432	1.00 - 5.00
6-00263	60406	K-40	19.2	0.113	1.19	32.4	1.00 - 5.00
6-00263	60406	Na-22	-0.0112 U	0.0181	0.0062	0.037	1.00 - 5.00
6-00263	60406	Nb-94	-0.0021 U	0.0136	0.0042	0.0214	1.00 - 5.00
6-00263	60406	Np-236	0.0071 U	0.0337	0.0112	0.047	1.00 - 5.00
6-00263	60406	Np-239	0.0011 U	0.12	0.0351	0.139	1.00 - 5.00
6-00263	60406	Pa-231	-0.283 U	0.734	0.235	0.936	1.00 - 5.00
6-00263	60406	Pb-212	1.13	0.0304	0.0706	2.69	1.00 - 5.00
6-00263	60406	Pb-214	0.782	0.0301	0.0405	1.7	1.00 - 5.00
6-00263	60406	Pu-236	-0.0015 UJ	0.0272	0.0049	7.79	1.00 - 5.00
6-00263	60406	Pu-238	0.0071 UJ	0.0336	0.0089	0.0415	1.00 - 5.00
6-00263	60406	Pu-239/240	0.0052 UJ	0.0264	0.0067	0.0404	1.00 - 5.00
6-00263	60406	Pu-244	0.0034	0.0091	0.0034	0.0313	1.00 - 5.00
6-00263	60406	Sb-125	0.0059 U	0.0386	0.0114	0.354	1.00 - 5.00
6-00263	60406	Sn-126	0.0051 U	0.0159	0.0049	0.0237	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00263	60406	Sr-90	0.106 U	0.329	0.0967	0.485	1.00 - 5.00
6-00263	60406	Th-228	1.1	0.0511	0.108	3.98	1.00 - 5.00
6-00263	60406	Th-229	0 U	0.0802	0.0189	0.145	1.00 - 5.00
6-00263	60406	Th-230	0.726	0.018	0.0809	2.2	1.00 - 5.00
6-00263	60406	Th-232	1.02	0.0617	0.102	3.1	1.00 - 5.00
6-00263	60406	Th-234	1.2 J	0.258	0.132	3.19	1.00 - 5.00
6-00263	60406	Tl-208	0.348	0.0146	0.0208	0.937	1.00 - 5.00
6-00263	60406	Tm-171	-2.94 U	11.3	3.97	72.4	1.00 - 5.00
6-00263	60406	U-233/234	0.598	0.0514	0.0657	2.02	1.00 - 5.00
6-00263	60406	U-235/236	0.0514	0.0384	0.0179	0.151	1.00 - 5.00
6-00263	60406	U-238	0.598	0.0488	0.0656	1.8	1.00 - 5.00
6-00265	60408	Ac-227	-0.0089 U	0.182	0.0544	0.217	1.00 - 5.00
6-00265	60408	Ac-228	1.27	0.0884	0.0609	2.4	1.00 - 5.00
6-00265	60408	Am-241	0.0066	0.0128	0.0043	0.0454	1.00 - 5.00
6-00265	60408	Bi-212	0.989	0.123	0.0781	2.15	1.00 - 5.00
6-00265	60408	Bi-214	1.07	0.028	0.0488	1.59	1.00 - 5.00
6-00265	60408	Cd-113m	2.22 U	121	39.1	3030	1.00 - 5.00
6-00265	60408	Cm-243/244	0.0032 U	0.0159	0.0041	0.0443	1.00 - 5.00
6-00265	60408	Co-60	-0.0064 U	0.0147	0.0048	0.028	1.00 - 5.00
6-00265	60408	Cs-134	0.0018 U	0.0136	0.0045	0.0864	1.00 - 5.00
6-00265	60408	Cs-137	0.003 U	0.0158	0.0053	0.207	1.00 - 5.00
6-00265	60408	Eu-152	-0.0141 U	0.0438	0.0156	0.0566	1.00 - 5.00
6-00265	60408	Eu-154	-0.0864 UJ	0.087	0.0342	0.15	1.00 - 5.00
6-00265	60408	Eu-155	0.0773 SJ	0.0647	0.0236	0.231	1.00 - 5.00
6-00265	60408	Ho-166m	-0.0107 U	0.0235	0.0075	0.0432	1.00 - 5.00
6-00265	60408	K-40	21.7	0.132	1.24	32.4	1.00 - 5.00
6-00265	60408	Na-22	-0.0034 U	0.0185	0.0057	0.037	1.00 - 5.00
6-00265	60408	Nb-94	0.0032 U	0.0141	0.0042	0.0214	1.00 - 5.00
6-00265	60408	Np-236	-0.0302 SUJ	0.0353	0.0127	0.047	1.00 - 5.00
6-00265	60408	Np-239	-0.0556 U	0.122	0.039	0.139	1.00 - 5.00
6-00265	60408	Pa-231	0.0615 U	0.756	0.226	0.936	1.00 - 5.00
6-00265	60408	Pb-212	1.4	0.0301	0.0885	2.69	1.00 - 5.00
6-00265	60408	Pb-214	1.18	0.0317	0.058	1.7	1.00 - 5.00
6-00265	60408	Pu-236	-0.0082 U	0.0342	0.006	7.79	1.00 - 5.00
6-00265	60408	Pu-238	0.0035 U	0.031	0.0076	0.0415	1.00 - 5.00
6-00265	60408	Pu-239/240	0.0031	0.0084	0.0031	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00265	60408	Pu-244	0	0.0084	0.0031	0.0313	1.00 - 5.00
6-00265	60408	Sb-125	-0.0059 U	0.0405	0.0124	0.354	1.00 - 5.00
6-00265	60408	Sn-126	0.0075 U	0.016	0.0049	0.0237	1.00 - 5.00
6-00265	60408	Sr-90	0.0097 U	0.191	0.0506	0.485	1.00 - 5.00
6-00265	60408	Th-228	1.42	0.114	0.143	3.98	1.00 - 5.00
6-00265	60408	Th-229	0.0764	0.0625	0.0285	0.145	1.00 - 5.00
6-00265	60408	Th-230	0.999	0.0912	0.112	2.2	1.00 - 5.00
6-00265	60408	Th-232	1.11	0.0622	0.118	3.1	1.00 - 5.00
6-00265	60408	Th-234	1.86	0.27	0.17	3.19	1.00 - 5.00
6-00265	60408	Tl-208	0.434	0.0146	0.0248	0.937	1.00 - 5.00
6-00265	60408	Tm-171	-7.62 U	11.3	4.38	72.4	1.00 - 5.00
6-00265	60408	U-233/234	1.04	0.0464	0.11	2.02	1.00 - 5.00
6-00265	60408	U-235/236	0.0311	0.0463	0.0172	0.151	1.00 - 5.00
6-00265	60408	U-238	0.931	0.0375	0.101	1.8	1.00 - 5.00
6-00266	60409	Ac-227	0.0025 UJ	0.135	0.0414	0.217	1.00 - 5.00
6-00266	60409	Ac-228	0.997	0.085	0.0482	2.4	1.00 - 5.00
6-00266	60409	Am-241	-0.001 U	0.0179	0.0032	0.0454	1.00 - 5.00
6-00266	60409	Bi-212	0.624	0.112	0.0596	2.15	1.00 - 5.00
6-00266	60409	Bi-214	0.719	0.0246	0.0367	1.59	1.00 - 5.00
6-00266	60409	Cd-113m	-14.2 U	89.4	29.2	3030	1.00 - 5.00
6-00266	60409	Cm-243/244	-0.0049 U	0.0206	0.0036	0.0443	1.00 - 5.00
6-00266	60409	Co-60	-0.001 U	0.0147	0.0043	0.028	1.00 - 5.00
6-00266	60409	Cs-134	0.0088 SJ	0.0126	0.0046	0.0864	1.00 - 5.00
6-00266	60409	Cs-137	0.0015 U	0.0146	0.0047	0.207	1.00 - 5.00
6-00266	60409	Eu-152	-0.0262 UJ	0.0336	0.0126	0.0566	1.00 - 5.00
6-00266	60409	Eu-154	-0.0083 U	0.0867	0.026	0.15	1.00 - 5.00
6-00266	60409	Eu-155	0.0582 SJ	0.0413	0.0172	0.231	1.00 - 5.00
6-00266	60409	Ho-166m	-0.0065 U	0.0224	0.0068	0.0432	1.00 - 5.00
6-00266	60409	K-40	18.6	0.102	1.02	32.4	1.00 - 5.00
6-00266	60409	Na-22	-0.0039 U	0.0181	0.0054	0.037	1.00 - 5.00
6-00266	60409	Nb-94	0.0092 SJ	0.0135	0.0043	0.0214	1.00 - 5.00
6-00266	60409	Np-236	-0.0019 U	0.0233	0.0068	0.047	1.00 - 5.00
6-00266	60409	Np-239	0.0276 U	0.0897	0.0278	0.139	1.00 - 5.00
6-00266	60409	Pa-231	-0.166 U	0.572	0.192	0.936	1.00 - 5.00
6-00266	60409	Pb-212	1.1	0.0232	0.0614	2.69	1.00 - 5.00
6-00266	60409	Pb-214	0.821	0.0254	0.0386	1.7	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00266	60409	Pu-236	-0.0048 UJ	0.0263	0.0048	7.79	1.00 - 5.00
6-00266	60409	Pu-238	-0.0047 UJ	0.0255	0.0046	0.0415	1.00 - 5.00
6-00266	60409	Pu-239/240	-0.0014 UJ	0.0255	0.0046	0.0404	1.00 - 5.00
6-00266	60409	Pu-244	0.0009 UJ	0.0206	0.004	0.0313	1.00 - 5.00
6-00266	60409	Sb-125	-0.002 U	0.034	0.0101	0.354	1.00 - 5.00
6-00266	60409	Sn-126	-0.0027 U	0.014	0.0041	0.0237	1.00 - 5.00
6-00266	60409	Sr-90	-0.0055 U	0.353	0.0976	0.485	1.00 - 5.00
6-00266	60409	Th-228	1.09	0.122	0.124	3.98	1.00 - 5.00
6-00266	60409	Th-229	-0.0179 UJ	0.134	0.0309	0.145	1.00 - 5.00
6-00266	60409	Th-230	0.793	0.0827	0.0987	2.2	1.00 - 5.00
6-00266	60409	Th-232	1.07	0.0825	0.119	3.1	1.00 - 5.00
6-00266	60409	Th-234	1.01	0.169	0.0885	3.19	1.00 - 5.00
6-00266	60409	Tl-208	0.348	0.0133	0.0211	0.937	1.00 - 5.00
6-00266	60409	Tm-171	1.83 U	5.11	1.78	72.4	1.00 - 5.00
6-00266	60409	U-233/234	0.954	0.0591	0.101	2.02	1.00 - 5.00
6-00266	60409	U-235/236	0.0507	0.0529	0.0216	0.151	1.00 - 5.00
6-00266	60409	U-238	0.805	0.0591	0.0897	1.8	1.00 - 5.00
6-00267	60410	Ac-227	0.0397 U	0.178	0.0544	0.217	1.00 - 5.00
6-00267	60410	Ac-228	1.01	0.0889	0.0516	2.4	1.00 - 5.00
6-00267	60410	Am-241	0.0124 UJ	0.0397	0.0113	0.0454	1.00 - 5.00
6-00267	60410	Bi-212	0.696	0.122	0.0692	2.15	1.00 - 5.00
6-00267	60410	Bi-214	0.732	0.0273	0.0362	1.59	1.00 - 5.00
6-00267	60410	Cd-113m	-62.1 U	115	38.5	3030	1.00 - 5.00
6-00267	60410	Cm-243/244	0.0041 UJ	0.0367	0.009	0.0443	1.00 - 5.00
6-00267	60410	Co-60	0.0007 U	0.0162	0.0047	0.028	1.00 - 5.00
6-00267	60410	Cs-134	0.0079 JS	0.0135	0.0048	0.0864	1.00 - 5.00
6-00267	60410	Cs-137	-0.0055 U	0.0158	0.0049	0.207	1.00 - 5.00
6-00267	60410	Eu-152	0.0086 UJ	0.0439	0.0154	0.0566	1.00 - 5.00
6-00267	60410	Eu-154	-0.0642 UJ	0.0889	0.032	0.15	1.00 - 5.00
6-00267	60410	Eu-155	0.0242 U	0.0641	0.0197	0.231	1.00 - 5.00
6-00267	60410	Ho-166m	-0.0108 U	0.0231	0.0075	0.0432	1.00 - 5.00
6-00267	60410	K-40	24.2	0.108	1.4	32.4	1.00 - 5.00
6-00267	60410	Na-22	-0.0121 U	0.0193	0.0065	0.037	1.00 - 5.00
6-00267	60410	Nb-94	-0.0011 U	0.014	0.0042	0.0214	1.00 - 5.00
6-00267	60410	Np-236	-0.0079 U	0.0337	0.0102	0.047	1.00 - 5.00
6-00267	60410	Np-239	-0.0283 U	0.116	0.036	0.139	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00267	60410	Pa-231	-0.126 U	0.725	0.256	0.936	1.00 - 5.00
6-00267	60410	Pb-212	1.17	0.0295	0.0712	2.69	1.00 - 5.00
6-00267	60410	Pb-214	0.778	0.0295	0.0393	1.7	1.00 - 5.00
6-00267	60410	Pu-236	0.0021 U	0.0227	0.0054	7.79	1.00 - 5.00
6-00267	60410	Pu-238	-0.0012 U	0.0331	0.0079	0.0415	1.00 - 5.00
6-00267	60410	Pu-239/240	-0.0015 U	0.0263	0.0057	0.0404	1.00 - 5.00
6-00267	60410	Pu-244	0.0024	0.0065	0.0024	0.0313	1.00 - 5.00
6-00267	60410	Sb-125	0.0029 U	0.0405	0.0118	0.354	1.00 - 5.00
6-00267	60410	Sn-126	-0.0029 U	0.0154	0.0047	0.0237	1.00 - 5.00
6-00267	60410	Sr-90	-0.0228 U	0.252	0.0654	0.485	1.00 - 5.00
6-00267	60410	Th-228	1.39	0.0898	0.132	3.98	1.00 - 5.00
6-00267	60410	Th-229	0.0712	0.0661	0.027	0.145	1.00 - 5.00
6-00267	60410	Th-230	0.98	0.0193	0.101	2.2	1.00 - 5.00
6-00267	60410	Th-232	1.13	0.0521	0.111	3.1	1.00 - 5.00
6-00267	60410	Th-234	1.16 J	0.274	0.137	3.19	1.00 - 5.00
6-00267	60410	Tl-208	0.349	0.0147	0.0209	0.937	1.00 - 5.00
6-00267	60410	Tm-171	-8.06 U	12.6	4.69	72.4	1.00 - 5.00
6-00267	60410	U-233/234	0.774	0.0334	0.077	2.02	1.00 - 5.00
6-00267	60410	U-235/236	0.0548	0.0124	0.0163	0.151	1.00 - 5.00
6-00267	60410	U-238	0.831	0.0334	0.0812	1.8	1.00 - 5.00
6-00268	60411	Ac-227	-0.0274 U	0.128	0.0384	0.217	0.00 - 0.50
6-00268	60411	Ac-228	1.24	0.0642	0.0558	2.4	0.00 - 0.50
6-00268	60411	Am-241	0.0089	0.0153	0.0052	0.0454	0.00 - 0.50
6-00268	60411	Bi-212	0.842	0.0901	0.0656	2.15	0.00 - 0.50
6-00268	60411	Bi-214	1.12	0.0201	0.0479	1.59	0.00 - 0.50
6-00268	60411	Cd-113m	-1.47 U	85.6	25.2	3030	0.00 - 0.50
6-00268	60411	Cm-243/244	0.0061 U	0.0196	0.0056	0.0443	0.00 - 0.50
6-00268	60411	Co-60	-0.0014 U	0.0122	0.0036	0.028	0.00 - 0.50
6-00268	60411	Cs-134	0.0028 U	0.0102	0.0036	0.0864	0.00 - 0.50
6-00268	60411	Cs-137	0.0347	0.0112	0.0044	0.207	0.00 - 0.50
6-00268	60411	Eu-152	0.0029 U	0.0311	0.0105	0.0566	0.00 - 0.50
6-00268	60411	Eu-154	-0.0406 U	0.0682	0.023	0.15	0.00 - 0.50
6-00268	60411	Eu-155	0.0781 SJ	0.0438	0.017	0.231	0.00 - 0.50
6-00268	60411	Ho-166m	0.0005 UJ	0.0181	0.0053	0.0432	0.00 - 0.50
6-00268	60411	K-40	25.3	0.0859	1.41	32.4	0.00 - 0.50
6-00268	60411	Na-22	0.0019 U	0.0142	0.0043	0.037	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00268	60411	Nb-94	0.0115 SJ	0.0107	0.004	0.0214	0.00 - 0.50
6-00268	60411	Np-236	-0.0068 U	0.0239	0.0075	0.047	0.00 - 0.50
6-00268	60411	Np-239	0.0262 U	0.0864	0.026	0.139	0.00 - 0.50
6-00268	60411	Pa-231	0.238 U	0.535	0.171	0.936	0.00 - 0.50
6-00268	60411	Pb-212	1.41	0.0224	0.0839	2.69	0.00 - 0.50
6-00268	60411	Pb-214	1.23	0.0224	0.0566	1.7	0.00 - 0.50
6-00268	60411	Pu-236	-0.0065 U	0.0228	0.004	7.79	0.00 - 0.50
6-00268	60411	Pu-238	-0.004 U	0.0215	0.0038	0.0415	0.00 - 0.50
6-00268	60411	Pu-239/240	0.0034 U	0.0169	0.0043	0.0404	0.00 - 0.50
6-00268	60411	Pu-244	0.0222 J	0.0137	0.0074	0.0313	0.00 - 0.50
6-00268	60411	Sb-125	0.009 U	0.0303	0.0093	0.354	0.00 - 0.50
6-00268	60411	Sn-126	0.0025 U	0.0113	0.0033	0.0237	0.00 - 0.50
6-00268	60411	Sr-90	-0.0025 U	0.181	0.0482	0.485	0.00 - 0.50
6-00268	60411	Th-228	1.4	0.149	0.14	3.98	0.00 - 0.50
6-00268	60411	Th-229	0.0074 U	0.0796	0.0196	0.145	0.00 - 0.50
6-00268	60411	Th-230	0.907	0.0543	0.0984	2.2	0.00 - 0.50
6-00268	60411	Th-232	1.1	0.0683	0.112	3.1	0.00 - 0.50
6-00268	60411	Th-234	1.65	0.18	0.131	3.19	0.00 - 0.50
6-00268	60411	Tl-208	0.423	0.0111	0.0228	0.937	0.00 - 0.50
6-00268	60411	Tm-171	2.08 U	7.51	2.56	72.4	0.00 - 0.50
6-00268	60411	U-233/234	0.849	0.0376	0.0818	2.02	0.00 - 0.50
6-00268	60411	U-235/236	0.0388	0.0117	0.0132	0.151	0.00 - 0.50
6-00268	60411	U-238	0.903	0.0095	0.0853	1.8	0.00 - 0.50
6-00268	60412	Ac-227	-0.0727 U	0.203	0.0638	0.217	1.00 - 5.00
6-00268	60412	Ac-228	1.31	0.0925	0.0657	2.4	1.00 - 5.00
6-00268	60412	Am-241	0.019	0.0086	0.0078	0.0454	1.00 - 5.00
6-00268	60412	Bi-212	0.966	0.123	0.0798	2.15	1.00 - 5.00
6-00268	60412	Bi-214	0.984	0.0293	0.0458	1.59	1.00 - 5.00
6-00268	60412	Cd-113m	-162 UJ	132	59.6	3030	1.00 - 5.00
6-00268	60412	Cm-243/244	0.0041 UJ	0.0203	0.0051	0.0443	1.00 - 5.00
6-00268	60412	Co-60	-0.0029 U	0.0169	0.005	0.028	1.00 - 5.00
6-00268	60412	Cs-134	0.0099 JS	0.0146	0.0053	0.0864	1.00 - 5.00
6-00268	60412	Cs-137	0.0232 J	0.0183	0.0075	0.207	1.00 - 5.00
6-00268	60412	Eu-152	-0.0351 U	0.0477	0.0201	0.0566	1.00 - 5.00
6-00268	60412	Eu-154	-0.0017 U	0.0941	0.0281	0.15	1.00 - 5.00
6-00268	60412	Eu-155	0.0781 JS	0.0721	0.0259	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00268	60412	Ho-166m	-0.0013 U	0.0255	0.0075	0.0432	1.00 - 5.00
6-00268	60412	K-40	22.4	0.128	1.46	32.4	1.00 - 5.00
6-00268	60412	Na-22	-0.007 U	0.0191	0.0059	0.037	1.00 - 5.00
6-00268	60412	Nb-94	0.0036 U	0.0149	0.0044	0.0214	1.00 - 5.00
6-00268	60412	Np-236	-0.0119 U	0.0404	0.014	0.047	1.00 - 5.00
6-00268	60412	Np-239	-0.021 U	0.14	0.0423	0.139	1.00 - 5.00
6-00268	60412	Pa-231	-0.0465 U	0.845	0.293	0.936	1.00 - 5.00
6-00268	60412	Pb-212	1.45	0.0335	0.0962	2.69	1.00 - 5.00
6-00268	60412	Pb-214	1.11	0.0357	0.0554	1.7	1.00 - 5.00
6-00268	60412	Pu-236	0.0059 U	0.028	0.0074	7.79	1.00 - 5.00
6-00268	60412	Pu-238	-0.0006 U	0.0393	0.0096	0.0415	1.00 - 5.00
6-00268	60412	Pu-239/240	0.0055	0.0075	0.0039	0.0404	1.00 - 5.00
6-00268	60412	Pu-244	0	0.0075	0.0028	0.0313	1.00 - 5.00
6-00268	60412	Sb-125	0.0476 JS	0.0449	0.0172	0.354	1.00 - 5.00
6-00268	60412	Sn-126	-0.0071 U	0.0161	0.0051	0.0237	1.00 - 5.00
6-00268	60412	Sr-90	0.0572 U	0.18	0.0527	0.485	1.00 - 5.00
6-00268	60412	Th-228	1.31	0.0501	0.121	3.98	1.00 - 5.00
6-00268	60412	Th-229	0.0802 U	0.191	0.0576	0.145	1.00 - 5.00
6-00268	60412	Th-230	0.946	0.0491	0.0966	2.2	1.00 - 5.00
6-00268	60412	Th-232	1.36	0.0489	0.123	3.1	1.00 - 5.00
6-00268	60412	Th-234	1.42 J	0.347	0.163	3.19	1.00 - 5.00
6-00268	60412	Tl-208	0.431	0.0156	0.0243	0.937	1.00 - 5.00
6-00268	60412	Tm-171	-13.4 UJ	15.6	6.47	72.4	1.00 - 5.00
6-00268	60412	U-233/234	1.08	0.0723	0.116	2.02	1.00 - 5.00
6-00268	60412	U-235/236	0.102	0.0488	0.0301	0.151	1.00 - 5.00
6-00268	60412	U-238	1.25	0.0394	0.129	1.8	1.00 - 5.00
6-00269	60413	Ac-227	-0.0469 UJ	0.151	0.0458	0.217	1.00 - 3.00
6-00269	60413	Ac-228	0.942	0.074	0.0471	2.4	1.00 - 3.00
6-00269	60413	Am-241	-0.0044 U	0.0236	0.0041	0.0454	1.00 - 3.00
6-00269	60413	Bi-212	0.714	0.101	0.0642	2.15	1.00 - 3.00
6-00269	60413	Bi-214	0.943	0.0227	0.0442	1.59	1.00 - 3.00
6-00269	60413	Cd-113m	51.8 J	101	31.5	3030	1.00 - 3.00
6-00269	60413	Cm-243/244	-0.001 U	0.0186	0.0034	0.0443	1.00 - 3.00
6-00269	60413	Co-60	0.0005 U	0.0142	0.0042	0.028	1.00 - 3.00
6-00269	60413	Cs-134	-0.0018 U	0.0111	0.0039	0.0864	1.00 - 3.00
6-00269	60413	Cs-137	0.0004 U	0.0123	0.0043	0.207	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00269	60413	Eu-152	0.0088 U	0.0359	0.012	0.0566	1.00 - 3.00
6-00269	60413	Eu-154	-0.0294 U	0.0766	0.0241	0.15	1.00 - 3.00
6-00269	60413	Eu-155	0.0475 SJ	0.0508	0.0171	0.231	1.00 - 3.00
6-00269	60413	Ho-166m	-0.0103 U	0.0195	0.0066	0.0432	1.00 - 3.00
6-00269	60413	K-40	19.9	0.0945	1.13	32.4	1.00 - 3.00
6-00269	60413	Na-22	0.0016 U	0.0169	0.005	0.037	1.00 - 3.00
6-00269	60413	Nb-94	0.0071 SJ	0.0123	0.004	0.0214	1.00 - 3.00
6-00269	60413	Np-236	0.0028 U	0.0281	0.0085	0.047	1.00 - 3.00
6-00269	60413	Np-239	0.002 U	0.101	0.0315	0.139	1.00 - 3.00
6-00269	60413	Pa-231	-0.198 U	0.621	0.189	0.936	1.00 - 3.00
6-00269	60413	Pb-212	1.04	0.0257	0.0625	2.69	1.00 - 3.00
6-00269	60413	Pb-214	1.01	0.0269	0.0481	1.7	1.00 - 3.00
6-00269	60413	Pu-236	-0.0045 U	0.0306	0.006	7.79	1.00 - 3.00
6-00269	60413	Pu-238	-0.0013 U	0.0376	0.009	0.0415	1.00 - 3.00
6-00269	60413	Pu-239/240	-0.0024 U	0.0275	0.0055	0.0404	1.00 - 3.00
6-00269	60413	Pu-244	0.0055	0.0074	0.0039	0.0313	1.00 - 3.00
6-00269	60413	Sb-125	0.0142 U	0.035	0.0107	0.354	1.00 - 3.00
6-00269	60413	Sn-126	0.0029 U	0.0132	0.004	0.0237	1.00 - 3.00
6-00269	60413	Sr-90	-0.109 U	0.267	0.0652	0.485	1.00 - 3.00
6-00269	60413	Th-228	1.09	0.106	0.111	3.98	1.00 - 3.00
6-00269	60413	Th-229	0 U	0.0635	0.0137	0.145	1.00 - 3.00
6-00269	60413	Th-230	1.15	0.0502	0.111	2.2	1.00 - 3.00
6-00269	60413	Th-232	1.07	0.0631	0.106	3.1	1.00 - 3.00
6-00269	60413	Th-234	1.39 J	0.224	0.148	3.19	1.00 - 3.00
6-00269	60413	Tl-208	0.324	0.0119	0.0191	0.937	1.00 - 3.00
6-00269	60413	Tm-171	-4.8 U	9.65	3.44	72.4	1.00 - 3.00
6-00269	60413	U-233/234	0.913	0.0497	0.0981	2.02	1.00 - 3.00
6-00269	60413	U-235/236	0.0445	0.0535	0.0207	0.151	1.00 - 3.00
6-00269	60413	U-238	0.9	0.0149	0.0965	1.8	1.00 - 3.00
6-00270	60414	Ac-227	-0.0969 U	0.198	0.0641	0.217	1.00 - 3.30
6-00270	60414	Ac-228	1.22	0.102	0.0589	2.4	1.00 - 3.30
6-00270	60414	Am-241	-0.0009 U	0.0314	0.0072	0.0454	1.00 - 3.30
6-00270	60414	Bi-212	0.966	0.13	0.0892	2.15	1.00 - 3.30
6-00270	60414	Bi-214	0.85	0.0303	0.0429	1.59	1.00 - 3.30
6-00270	60414	Cd-113m	-11.7 U	136	40.7	3030	1.00 - 3.30
6-00270	60414	Cm-243/244	0.0104	0.0245	0.0075	0.0443	1.00 - 3.30

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00270	60414	Co-60	-0.004 U	0.0189	0.0056	0.028	1.00 - 3.30
6-00270	60414	Cs-134	-0.0079 U	0.015	0.0056	0.0864	1.00 - 3.30
6-00270	60414	Cs-137	-0.0027 U	0.018	0.0054	0.207	1.00 - 3.30
6-00270	60414	Eu-152	-0.0509 UJ	0.0474	0.0197	0.0566	1.00 - 3.30
6-00270	60414	Eu-154	0.0315 UJ	0.109	0.0324	0.15	1.00 - 3.30
6-00270	60414	Eu-155	0.117 JS	0.0697	0.0296	0.231	1.00 - 3.30
6-00270	60414	Ho-166m	-0.0107 U	0.0278	0.0089	0.0432	1.00 - 3.30
6-00270	60414	K-40	23	0.142	1.45	32.4	1.00 - 3.30
6-00270	60414	Na-22	-0.0026 U	0.0224	0.0068	0.037	1.00 - 3.30
6-00270	60414	Nb-94	0.0058 U	0.0163	0.005	0.0214	1.00 - 3.30
6-00270	60414	Np-236	-0.0023 U	0.0385	0.0118	0.047	1.00 - 3.30
6-00270	60414	Np-239	-0.0175 U	0.137	0.0408	0.139	1.00 - 3.30
6-00270	60414	Pa-231	0.593 J	0.842	0.299	0.936	1.00 - 3.30
6-00270	60414	Pb-212	1.42	0.0351	0.0865	2.69	1.00 - 3.30
6-00270	60414	Pb-214	0.986	0.0358	0.0481	1.7	1.00 - 3.30
6-00270	60414	Pu-236	-0.0008 UJ	0.057	0.0139	7.79	1.00 - 3.30
6-00270	60414	Pu-238	0.0086 UJ	0.0502	0.0134	0.0415	1.00 - 3.30
6-00270	60414	Pu-239/240	0.0137	0.0303	0.0095	0.0404	1.00 - 3.30
6-00270	60414	Pu-244	0.0071 UJ	0.0348	0.0091	0.0313	1.00 - 3.30
6-00270	60414	Sb-125	0.0163 U	0.047	0.0139	0.354	1.00 - 3.30
6-00270	60414	Sn-126	0.0023 U	0.0182	0.0054	0.0237	1.00 - 3.30
6-00270	60414	Sr-90	0.0358 U	0.289	0.0822	0.485	1.00 - 3.30
6-00270	60414	Th-228	1.08	0.0968	0.112	3.98	1.00 - 3.30
6-00270	60414	Th-229	-0.007 U	0.105	0.0252	0.145	1.00 - 3.30
6-00270	60414	Th-230	0.746	0.0189	0.0842	2.2	1.00 - 3.30
6-00270	60414	Th-232	1.02	0.0188	0.103	3.1	1.00 - 3.30
6-00270	60414	Th-234	1.23 J	0.318	0.157	3.19	1.00 - 3.30
6-00270	60414	Tl-208	0.425	0.0173	0.0252	0.937	1.00 - 3.30
6-00270	60414	Tm-171	3.45 U	16.2	5.42	72.4	1.00 - 3.30
6-00270	60414	U-233/234	0.768	0.0637	0.0914	2.02	1.00 - 3.30
6-00270	60414	U-235/236	0.0066 U	0.071	0.0168	0.151	1.00 - 3.30
6-00270	60414	U-238	0.988	0.0501	0.109	1.8	1.00 - 3.30
6-00271	60415	Ac-227	0.0732 U	0.186	0.0584	0.217	1.00 - 2.00
6-00271	60415	Ac-228	1.21	0.0893	0.0581	2.4	1.00 - 2.00
6-00271	60415	Am-241	0.002	0.0053	0.002	0.0454	1.00 - 2.00
6-00271	60415	Bi-212	0.821	0.123	0.0773	2.15	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00271	60415	Bi-214	0.875	0.0287	0.0418	1.59	1.00 - 2.00
6-00271	60415	Cd-113m	-24.6 U	121	38.8	3030	1.00 - 2.00
6-00271	60415	Cm-243/244	0.0036 U	0.0178	0.0046	0.0443	1.00 - 2.00
6-00271	60415	Co-60	0.0014 U	0.0161	0.0046	0.028	1.00 - 2.00
6-00271	60415	Cs-134	-0.0005 U	0.0142	0.0048	0.0864	1.00 - 2.00
6-00271	60415	Cs-137	0.0175	0.016	0.0061	0.207	1.00 - 2.00
6-00271	60415	Eu-152	-0.0314 U	0.0448	0.0179	0.0566	1.00 - 2.00
6-00271	60415	Eu-154	-0.0573 U	0.083	0.0295	0.15	1.00 - 2.00
6-00271	60415	Eu-155	0.0913 SJ	0.0667	0.0259	0.231	1.00 - 2.00
6-00271	60415	Ho-166m	0.0079 U	0.0255	0.0077	0.0432	1.00 - 2.00
6-00271	60415	K-40	19.2	0.132	1.12	32.4	1.00 - 2.00
6-00271	60415	Na-22	-0.0082 U	0.0186	0.0059	0.037	1.00 - 2.00
6-00271	60415	Nb-94	0.0054 U	0.015	0.0046	0.0214	1.00 - 2.00
6-00271	60415	Np-236	-0.0078 U	0.0368	0.0115	0.047	1.00 - 2.00
6-00271	60415	Np-239	0.0309 U	0.128	0.0391	0.139	1.00 - 2.00
6-00271	60415	Pa-231	0.0028 U	0.774	0.244	0.936	1.00 - 2.00
6-00271	60415	Pb-212	1.35	0.0314	0.0817	2.69	1.00 - 2.00
6-00271	60415	Pb-214	1.01	0.0321	0.0493	1.7	1.00 - 2.00
6-00271	60415	Pu-236	0.0057 U	0.0272	0.0072	7.79	1.00 - 2.00
6-00271	60415	Pu-238	0.0132 U	0.0329	0.0098	0.0415	1.00 - 2.00
6-00271	60415	Pu-239/240	0.0022 U	0.024	0.0057	0.0404	1.00 - 2.00
6-00271	60415	Pu-244	0.0007 U	0.0169	0.0033	0.0313	1.00 - 2.00
6-00271	60415	Sb-125	0.0165 U	0.0422	0.0127	0.354	1.00 - 2.00
6-00271	60415	Sn-126	-0.0005 U	0.0157	0.0047	0.0237	1.00 - 2.00
6-00271	60415	Sr-90	0.201	0.231	0.0799	0.485	1.00 - 2.00
6-00271	60415	Th-228	1.33	0.0847	0.126	3.98	1.00 - 2.00
6-00271	60415	Th-229	0.0479	0.0504	0.0207	0.145	1.00 - 2.00
6-00271	60415	Th-230	0.861	0.0185	0.0918	2.2	1.00 - 2.00
6-00271	60415	Th-232	1.31	0.0501	0.122	3.1	1.00 - 2.00
6-00271	60415	Th-234	1.37 J	0.294	0.157	3.19	1.00 - 2.00
6-00271	60415	Tl-208	0.423	0.0155	0.0243	0.937	1.00 - 2.00
6-00271	60415	Tm-171	-11.8 UJ	13.1	5.28	72.4	1.00 - 2.00
6-00271	60415	U-233/234	0.697	0.0135	0.0777	2.02	1.00 - 2.00
6-00271	60415	U-235/236	0.0184	0.0166	0.0107	0.151	1.00 - 2.00
6-00271	60415	U-238	0.796	0.0317	0.0857	1.8	1.00 - 2.00
6-00272	60416	Ac-227	-0.0272 U	0.133	0.04	0.217	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00272	60416	Ac-228	1.26	0.0728	0.0579	2.4	1.00 - 5.00
6-00272	60416	Am-241	0.0016 U	0.017	0.004	0.0454	1.00 - 5.00
6-00272	60416	Bi-212	0.853	0.0986	0.0657	2.15	1.00 - 5.00
6-00272	60416	Bi-214	0.835	0.0215	0.0381	1.59	1.00 - 5.00
6-00272	60416	C-14	0.0063 U	0.653	0.194	2.96	1.00 - 5.00
6-00272	60416	Cd-113m	-14.9 U	89.4	26.7	3030	1.00 - 5.00
6-00272	60416	Cm-243/244	0.0002 U	0.019	0.0043	0.0443	1.00 - 5.00
6-00272	60416	Co-60	-0.0039 U	0.0137	0.0043	0.028	1.00 - 5.00
6-00272	60416	Cs-134	-0.0018 U	0.0107	0.0037	0.0864	1.00 - 5.00
6-00272	60416	Cs-137	0.0009 U	0.0126	0.0043	0.207	1.00 - 5.00
6-00272	60416	Eu-152	0.004 U	0.0327	0.012	0.0566	1.00 - 5.00
6-00272	60416	Eu-154	-0.0803 UJ	0.0719	0.0292	0.15	1.00 - 5.00
6-00272	60416	Eu-155	0.0532 JS	0.0472	0.0185	0.231	1.00 - 5.00
6-00272	60416	H-3	4.3	7.05	2.2	11.9	1.00 - 5.00
6-00272	60416	Ho-166m	-0.0024 U	0.0194	0.0059	0.0432	1.00 - 5.00
6-00272	60416	K-40	23.7	0.0897	1.44	32.4	1.00 - 5.00
6-00272	60416	Na-22	-0.0145 UJ	0.0159	0.0061	0.037	1.00 - 5.00
6-00272	60416	Nb-94	0.0081 JS	0.0115	0.0038	0.0214	1.00 - 5.00
6-00272	60416	Ni-59	-2.09 U	5.91	1.75	5.96	1.00 - 5.00
6-00272	60416	Ni-63	0.393 U	1.53	0.461	4.92	1.00 - 5.00
6-00272	60416	Np-236	-0.0112 UJ	0.0252	0.0081	0.047	1.00 - 5.00
6-00272	60416	Np-239	0.0044 U	0.0887	0.026	0.139	1.00 - 5.00
6-00272	60416	Pa-231	-0.0269 UJ	0.552	0.164	0.936	1.00 - 5.00
6-00272	60416	Pb-212	1.4	0.0229	0.0827	2.69	1.00 - 5.00
6-00272	60416	Pb-214	0.909	0.0235	0.0431	1.7	1.00 - 5.00
6-00272	60416	Pu-236	-0.0075 UJ	0.0355	0.0073	7.79	1.00 - 5.00
6-00272	60416	Pu-238	-0.0006 UJ	0.0461	0.0118	0.0415	1.00 - 5.00
6-00272	60416	Pu-239/240	0.0015 UJ	0.0204	0.0045	0.0404	1.00 - 5.00
6-00272	60416	Pu-244	0	0.007	0.0026	0.0313	1.00 - 5.00
6-00272	60416	Sb-125	0.0115 U	0.0325	0.0102	0.354	1.00 - 5.00
6-00272	60416	Sn-126	0.0025 U	0.0125	0.0037	0.0237	1.00 - 5.00
6-00272	60416	Sr-90	0.166	0.208	0.0703	0.485	1.00 - 5.00
6-00272	60416	Tc-99	-0.356 U	1.39	0.409	1.63	1.00 - 5.00
6-00272	60416	Th-228	1.38	0.119	0.132	3.98	1.00 - 5.00
6-00272	60416	Th-229	0.0265 U	0.0797	0.023	0.145	1.00 - 5.00
6-00272	60416	Th-230	0.794	0.0487	0.0866	2.2	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00272	60416	Th-232	1.19	0.0179	0.113	3.1	1.00 - 5.00
6-00272	60416	Th-234	1.65	0.199	0.145	3.19	1.00 - 5.00
6-00272	60416	Tl-208	0.429	0.0121	0.0233	0.937	1.00 - 5.00
6-00272	60416	Tm-171	-2.59 U	10.3	3.44	72.4	1.00 - 5.00
6-00272	60416	U-233/234	1	0.0229	0.122	2.02	1.00 - 5.00
6-00272	60416	U-235/236	0.0297 UJ	0.0946	0.0269	0.151	1.00 - 5.00
6-00272	60416	U-238	0.958	0.0539	0.118	1.8	1.00 - 5.00
6-00273	60417	Ac-227	0.0056 U	0.154	0.0472	0.217	1.00 - 5.00
6-00273	60417	Ac-228	1.38	0.0746	0.0649	2.4	1.00 - 5.00
6-00273	60417	Am-241	0.0066	0.0147	0.0046	0.0454	1.00 - 5.00
6-00273	60417	Bi-212	0.99	0.0979	0.0699	2.15	1.00 - 5.00
6-00273	60417	Bi-214	0.96	0.0225	0.0428	1.59	1.00 - 5.00
6-00273	60417	C-14	-0.0783 U	0.653	0.193	2.96	1.00 - 5.00
6-00273	60417	Cd-113m	47.8 U	104	34.7	3030	1.00 - 5.00
6-00273	60417	Cm-243/244	0.0011 U	0.0148	0.0033	0.0443	1.00 - 5.00
6-00273	60417	Co-60	0.0076 J	0.0138	0.0044	0.028	1.00 - 5.00
6-00273	60417	Cs-134	-0.0052 U	0.0114	0.0042	0.0864	1.00 - 5.00
6-00273	60417	Cs-137	-0.0127 UJ	0.0125	0.0049	0.207	1.00 - 5.00
6-00273	60417	Eu-152	-0.033 U	0.0369	0.0166	0.0566	1.00 - 5.00
6-00273	60417	Eu-154	0.0265 U	0.0735	0.0253	0.15	1.00 - 5.00
6-00273	60417	Eu-155	0.0691 JS	0.0563	0.0216	0.231	1.00 - 5.00
6-00273	60417	H-3	2.24 U	7.25	2.13	11.9	1.00 - 5.00
6-00273	60417	Ho-166m	0.0103 JS	0.0208	0.0066	0.0432	1.00 - 5.00
6-00273	60417	K-40	26.3	0.102	1.59	32.4	1.00 - 5.00
6-00273	60417	Na-22	0.0029 U	0.0162	0.0056	0.037	1.00 - 5.00
6-00273	60417	Nb-94	0.0072 JS	0.0117	0.0039	0.0214	1.00 - 5.00
6-00273	60417	Ni-59	-1.19 U	5.03	1.47	5.96	1.00 - 5.00
6-00273	60417	Ni-63	0.853	1.74	0.535	4.92	1.00 - 5.00
6-00273	60417	Np-236	-0.0063 UJ	0.0302	0.0099	0.047	1.00 - 5.00
6-00273	60417	Np-239	-0.0634 U	0.105	0.0358	0.139	1.00 - 5.00
6-00273	60417	Pa-231	-0.44 UJ	0.624	0.229	0.936	1.00 - 5.00
6-00273	60417	Pb-212	1.62	0.0275	0.0983	2.69	1.00 - 5.00
6-00273	60417	Pb-214	1.14	0.0269	0.0527	1.7	1.00 - 5.00
6-00273	60417	Pu-236	-0.0149 U	0.0401	0.0082	7.79	1.00 - 5.00
6-00273	60417	Pu-238	-0.0076 U	0.0415	0.0098	0.0415	1.00 - 5.00
6-00273	60417	Pu-239/240	-0.0031 U	0.0272	0.0058	0.0404	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00273	60417	Pu-244	0.0023	0.0063	0.0023	0.0313	1.00 - 5.00
6-00273	60417	Sb-125	0.0002 U	0.0343	0.0101	0.354	1.00 - 5.00
6-00273	60417	Sn-126	0.002 U	0.0128	0.0039	0.0237	1.00 - 5.00
6-00273	60417	Sr-90	-0.0583 U	0.215	0.0517	0.485	1.00 - 5.00
6-00273	60417	Tc-99	-0.381 U	1.43	0.419	1.63	1.00 - 5.00
6-00273	60417	Th-228	1.38	0.0607	0.134	3.98	1.00 - 5.00
6-00273	60417	Th-229	-0.0307 U	0.0923	0.0172	0.145	1.00 - 5.00
6-00273	60417	Th-230	0.812	0.0208	0.0918	2.2	1.00 - 5.00
6-00273	60417	Th-232	1.34	0.071	0.128	3.1	1.00 - 5.00
6-00273	60417	Th-234	1.75	0.239	0.158	3.19	1.00 - 5.00
6-00273	60417	Tl-208	0.489	0.0133	0.0256	0.937	1.00 - 5.00
6-00273	60417	Tm-171	-2.11 U	11.9	4.05	72.4	1.00 - 5.00
6-00273	60417	U-233/234	0.834	0.0919	0.106	2.02	1.00 - 5.00
6-00273	60417	U-235/236	0.0292	0.0264	0.017	0.151	1.00 - 5.00
6-00273	60417	U-238	0.931	0.0502	0.112	1.8	1.00 - 5.00
6-00274	60418	Ac-227	0.116 J	0.203	0.0656	0.217	1.00 - 5.00
6-00274	60418	Ac-228	1.36	0.0877	0.0664	2.4	1.00 - 5.00
6-00274	60418	Am-241	-0.0028 U	0.019	0.0035	0.0454	1.00 - 5.00
6-00274	60418	Bi-212	0.87 J	0.179	0.215	2.15	1.00 - 5.00
6-00274	60418	Bi-214	0.836	0.0282	0.0443	1.59	1.00 - 5.00
6-00274	60418	C-14	0.0061 U	0.639	0.19	2.96	1.00 - 5.00
6-00274	60418	Cd-113m	-121 UJ	136	56	3030	1.00 - 5.00
6-00274	60418	Cm-243/244	0.0056 U	0.0191	0.0053	0.0443	1.00 - 5.00
6-00274	60418	Co-60	-0.005 U	0.0165	0.005	0.028	1.00 - 5.00
6-00274	60418	Cs-134	0.0182 SJ	0.0156	0.0068	0.0864	1.00 - 5.00
6-00274	60418	Cs-137	-0.0101 U	0.0157	0.0054	0.207	1.00 - 5.00
6-00274	60418	Eu-152	0.047 J	0.0494	0.0301	0.0566	1.00 - 5.00
6-00274	60418	Eu-154	0.0499 J	0.0943	0.0302	0.15	1.00 - 5.00
6-00274	60418	Eu-155	0.0043 U	0.0774	0.0236	0.231	1.00 - 5.00
6-00274	60418	H-3	0 U	7.65	2.09	11.9	1.00 - 5.00
6-00274	60418	Ho-166m	0.0107 U	0.0254	0.0079	0.0432	1.00 - 5.00
6-00274	60418	K-40	23.7	0.121	1.53	32.4	1.00 - 5.00
6-00274	60418	Na-22	-0.012 U	0.0194	0.0065	0.037	1.00 - 5.00
6-00274	60418	Nb-94	0.0012 U	0.0142	0.0043	0.0214	1.00 - 5.00
6-00274	60418	Ni-59	-4.01 U	7.7	2.47	5.96	1.00 - 5.00
6-00274	60418	Ni-63	-0.537 U	1.07	0.312	4.92	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00274	60418	Np-236	-0.033 UJ	0.0407	0.0148	0.047	1.00 - 5.00
6-00274	60418	Np-239	-0.039 U	0.137	0.0444	0.139	1.00 - 5.00
6-00274	60418	Pa-231	-0.24 U	0.819	0.304	0.936	1.00 - 5.00
6-00274	60418	Pb-212	1.62	0.0356	0.116	2.69	1.00 - 5.00
6-00274	60418	Pb-214	1.03	0.0345	0.0541	1.7	1.00 - 5.00
6-00274	60418	Pu-236	-0.0043 U	0.0271	0.0057	7.79	1.00 - 5.00
6-00274	60418	Pu-238	0.0007 U	0.0173	0.0038	0.0415	1.00 - 5.00
6-00274	60418	Pu-239/240	0.0027 U	0.0172	0.0043	0.0404	1.00 - 5.00
6-00274	60418	Pu-244	0.0126	0.0138	0.0057	0.0313	1.00 - 5.00
6-00274	60418	Sb-125	0.0187 U	0.0444	0.0138	0.354	1.00 - 5.00
6-00274	60418	Sn-126	0.0028 U	0.016	0.0048	0.0237	1.00 - 5.00
6-00274	60418	Sr-90	-0.0397 U	0.133	0.0306	0.485	1.00 - 5.00
6-00274	60418	Tc-99	-0.514 U	1.23	0.356	1.63	1.00 - 5.00
6-00274	60418	Th-228	1.41	0.103	0.133	3.98	1.00 - 5.00
6-00274	60418	Th-229	0.0474	0.0498	0.0205	0.145	1.00 - 5.00
6-00274	60418	Th-230	1.03	0.0183	0.103	2.2	1.00 - 5.00
6-00274	60418	Th-232	1.18	0.0182	0.113	3.1	1.00 - 5.00
6-00274	60418	Th-234	1.63 J	0.395	0.424	3.19	1.00 - 5.00
6-00274	60418	Tl-208	0.46	0.0161	0.0267	0.937	1.00 - 5.00
6-00274	60418	Tm-171	7.74 U	20.8	7.56	72.4	1.00 - 5.00
6-00274	60418	U-233/234	1.08	0.0494	0.111	2.02	1.00 - 5.00
6-00274	60418	U-235/236	0.0626	0.043	0.0224	0.151	1.00 - 5.00
6-00274	60418	U-238	0.875	0.0348	0.0946	1.8	1.00 - 5.00
6-00275	60419	Ac-227	0.0496 U	0.188	0.0579	0.217	1.00 - 5.00
6-00275	60419	Ac-228	1.23	0.09	0.0601	2.4	1.00 - 5.00
6-00275	60419	Am-241	0.0066 U	0.0212	0.006	0.0454	1.00 - 5.00
6-00275	60419	Bi-212	0.882	0.127	0.0819	2.15	1.00 - 5.00
6-00275	60419	Bi-214	0.797	0.0278	0.039	1.59	1.00 - 5.00
6-00275	60419	C-14	0.0597 U	0.71	0.212	2.96	1.00 - 5.00
6-00275	60419	Cd-113m	-32.6 U	120	40.5	3030	1.00 - 5.00
6-00275	60419	Cm-243/244	0.0064	0.0058	0.0037	0.0443	1.00 - 5.00
6-00275	60419	Co-60	0.003 U	0.0156	0.0045	0.028	1.00 - 5.00
6-00275	60419	Cs-134	0.0006 U	0.0147	0.005	0.0864	1.00 - 5.00
6-00275	60419	Cs-137	-0.0046 U	0.0158	0.0049	0.207	1.00 - 5.00
6-00275	60419	Eu-152	-0.0292 U	0.0431	0.0171	0.0566	1.00 - 5.00
6-00275	60419	Eu-154	-0.051 U	0.0853	0.0294	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00275	60419	Eu-155	0.086 JS	0.0697	0.0287	0.231	1.00 - 5.00
6-00275	60419	H-3	3.03 U	6.7	2.03	11.9	1.00 - 5.00
6-00275	60419	Ho-166m	0.0061 U	0.0243	0.0073	0.0432	1.00 - 5.00
6-00275	60419	K-40	20.4	0.112	1.19	32.4	1.00 - 5.00
6-00275	60419	Na-22	-0.0065 U	0.0205	0.0063	0.037	1.00 - 5.00
6-00275	60419	Nb-94	0.0089 JS	0.0142	0.0046	0.0214	1.00 - 5.00
6-00275	60419	Ni-59	-3.19 U	5.24	1.75	5.96	1.00 - 5.00
6-00275	60419	Ni-63	-0.258 U	1.35	0.397	4.92	1.00 - 5.00
6-00275	60419	Np-236	-0.0182 U	0.0355	0.0115	0.047	1.00 - 5.00
6-00275	60419	Np-239	-0.0058 U	0.122	0.0369	0.139	1.00 - 5.00
6-00275	60419	Pa-231	-0.0563 U	0.762	0.233	0.936	1.00 - 5.00
6-00275	60419	Pb-212	1.47	0.0328	0.0889	2.69	1.00 - 5.00
6-00275	60419	Pb-214	0.945	0.0313	0.0459	1.7	1.00 - 5.00
6-00275	60419	Pu-236	-0.0101 U	0.0398	0.008	7.79	1.00 - 5.00
6-00275	60419	Pu-238	-0.0001 U	0.0334	0.0079	0.0415	1.00 - 5.00
6-00275	60419	Pu-239/240	0	0.0073	0.0027	0.0404	1.00 - 5.00
6-00275	60419	Pu-244	-0.0012 U	0.0212	0.0038	0.0313	1.00 - 5.00
6-00275	60419	Sb-125	0.0066 U	0.0435	0.0127	0.354	1.00 - 5.00
6-00275	60419	Sn-126	0.0103 J	0.0166	0.0053	0.0237	1.00 - 5.00
6-00275	60419	Sr-90	0.0345 U	0.202	0.0567	0.485	1.00 - 5.00
6-00275	60419	Tc-99	-0.2 U	1.27	0.371	1.63	1.00 - 5.00
6-00275	60419	Th-228	1.23	0.0566	0.121	3.98	1.00 - 5.00
6-00275	60419	Th-229	0.0552	0.0508	0.0221	0.145	1.00 - 5.00
6-00275	60419	Th-230	0.964	0.0507	0.0995	2.2	1.00 - 5.00
6-00275	60419	Th-232	1.02	0.0638	0.104	3.1	1.00 - 5.00
6-00275	60419	Th-234	1.28 J	0.283	0.142	3.19	1.00 - 5.00
6-00275	60419	Tl-208	0.439	0.0168	0.0253	0.937	1.00 - 5.00
6-00275	60419	Tm-171	-8.72 U	14.1	5.51	72.4	1.00 - 5.00
6-00275	60419	U-233/234	0.857	0.0563	0.0946	2.02	1.00 - 5.00
6-00275	60419	U-235/236	0.0278	0.0188	0.014	0.151	1.00 - 5.00
6-00275	60419	U-238	0.879	0.0443	0.0959	1.8	1.00 - 5.00
6-00276	60420	Ac-227	-0.0328 U	0.18	0.0543	0.217	1.00 - 5.00
6-00276	60420	Ac-228	1.16	0.093	0.0559	2.4	1.00 - 5.00
6-00276	60420	Am-241	0.0044	0.0123	0.0036	0.0454	1.00 - 5.00
6-00276	60420	Bi-212	0.806	0.128	0.0792	2.15	1.00 - 5.00
6-00276	60420	Bi-214	0.768	0.0257	0.041	1.59	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00276	60420	C-14	-0.145 U	0.676	0.199	2.96	1.00 - 5.00
6-00276	60420	Cd-113m	-0.32 U	121	35.9	3030	1.00 - 5.00
6-00276	60420	Cm-243/244	0.0045	0.0125	0.0037	0.0443	1.00 - 5.00
6-00276	60420	Co-60	-0.0033 U	0.0165	0.0049	0.028	1.00 - 5.00
6-00276	60420	Cs-134	0.0035 U	0.0145	0.0049	0.0864	1.00 - 5.00
6-00276	60420	Cs-137	-0.001 U	0.0163	0.0049	0.207	1.00 - 5.00
6-00276	60420	Eu-152	-0.0345 UJ	0.042	0.0155	0.0566	1.00 - 5.00
6-00276	60420	Eu-154	-0.0394 U	0.0917	0.0292	0.15	1.00 - 5.00
6-00276	60420	Eu-155	0.116 JS	0.0652	0.0278	0.231	1.00 - 5.00
6-00276	60420	H-3	1.35 U	6.92	1.94	11.9	1.00 - 5.00
6-00276	60420	Ho-166m	0.0027 U	0.0249	0.0074	0.0432	1.00 - 5.00
6-00276	60420	K-40	19.4 J	1.03	4.63	32.4	1.00 - 5.00
6-00276	60420	Na-22	-0.0111 U	0.0216	0.0072	0.037	1.00 - 5.00
6-00276	60420	Nb-94	-0.0001 U	0.0143	0.0043	0.0214	1.00 - 5.00
6-00276	60420	Ni-59	-0.611 U	5.32	1.42	5.96	1.00 - 5.00
6-00276	60420	Ni-63	-0.038 U	1.54	0.455	4.92	1.00 - 5.00
6-00276	60420	Np-236	-0.0148 U	0.034	0.0111	0.047	1.00 - 5.00
6-00276	60420	Np-239	0.0097 U	0.12	0.0356	0.139	1.00 - 5.00
6-00276	60420	Pa-231	0.137 U	0.748	0.232	0.936	1.00 - 5.00
6-00276	60420	Pb-212	1.32	0.0335	0.0805	2.69	1.00 - 5.00
6-00276	60420	Pb-214	0.871	0.0294	0.0425	1.7	1.00 - 5.00
6-00276	60420	Pu-236	-0.006 U	0.0461	0.0106	7.79	1.00 - 5.00
6-00276	60420	Pu-238	0.0143 U	0.0357	0.0107	0.0415	1.00 - 5.00
6-00276	60420	Pu-239/240	0.0123	0.0183	0.0068	0.0404	1.00 - 5.00
6-00276	60420	Pu-244	0.0144	0.0078	0.0065	0.0313	1.00 - 5.00
6-00276	60420	Sb-125	-0.0119 U	0.0425	0.0128	0.354	1.00 - 5.00
6-00276	60420	Sn-126	0.0003 U	0.0161	0.0048	0.0237	1.00 - 5.00
6-00276	60420	Sr-90	0.192	0.289	0.093	0.485	1.00 - 5.00
6-00276	60420	Tc-99	-0.365 U	1.3	0.375	1.63	1.00 - 5.00
6-00276	60420	Th-228	1.33	0.0708	0.129	3.98	1.00 - 5.00
6-00276	60420	Th-229	0.103	0.0186	0.0272	0.145	1.00 - 5.00
6-00276	60420	Th-230	0.991	0.0185	0.101	2.2	1.00 - 5.00
6-00276	60420	Th-232	1.05	0.0633	0.105	3.1	1.00 - 5.00
6-00276	60420	Th-234	1.29 J	0.276	0.156	3.19	1.00 - 5.00
6-00276	60420	Tl-208	0.41	0.0164	0.0245	0.937	1.00 - 5.00
6-00276	60420	Tm-171	-0.142 U	15.3	5.11	72.4	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00276	60420	U-233/234	0.867	0.0803	0.108	2.02	1.00 - 5.00
6-00276	60420	U-235/236	0.0621	0.063	0.0275	0.151	1.00 - 5.00
6-00276	60420	U-238	0.626	0.051	0.0862	1.8	1.00 - 5.00
6-00277	60421	Ac-227	-0.0775 U	0.17	0.0559	0.217	1.00 - 2.50
6-00277	60421	Ac-228	1.3	0.103	0.0613	2.4	1.00 - 2.50
6-00277	60421	Am-241	0.0027 U	0.0136	0.0034	0.0454	1.00 - 2.50
6-00277	60421	Bi-212	1.01	0.14	0.0854	2.15	1.00 - 2.50
6-00277	60421	Bi-214	1.07	0.0295	0.0509	1.59	1.00 - 2.50
6-00277	60421	C-14	0.0806 U	0.677	0.202	2.96	1.00 - 2.50
6-00277	60421	Cd-113m	-49.7 U	113	37.2	3030	1.00 - 2.50
6-00277	60421	Cm-243/244	0.0043	0.0059	0.0031	0.0443	1.00 - 2.50
6-00277	60421	Co-60	0.0123 J	0.02	0.0062	0.028	1.00 - 2.50
6-00277	60421	Cs-134	-0.0049 U	0.0151	0.0055	0.0864	1.00 - 2.50
6-00277	60421	Cs-137	0.0182	0.0173	0.0074	0.207	1.00 - 2.50
6-00277	60421	Eu-152	-0.0236 U	0.0431	0.0144	0.0566	1.00 - 2.50
6-00277	60421	Eu-154	0.0007 U	0.109	0.0377	0.15	1.00 - 2.50
6-00277	60421	Eu-155	0.0852 JS	0.0526	0.0249	0.231	1.00 - 2.50
6-00277	60421	H-3	2.09 U	9.19	2.66	11.9	1.00 - 2.50
6-00277	60421	Ho-166m	-0.0077 U	0.0274	0.0083	0.0432	1.00 - 2.50
6-00277	60421	K-40	20.7	0.141	1.12	32.4	1.00 - 2.50
6-00277	60421	Na-22	-0.0119 U	0.0227	0.0074	0.037	1.00 - 2.50
6-00277	60421	Nb-94	0.0151 JS	0.0168	0.0058	0.0214	1.00 - 2.50
6-00277	60421	Ni-59	0.725 U	5.21	1.29	5.96	1.00 - 2.50
6-00277	60421	Ni-63	-0.0151 U	0.0619	0.0183	4.92	1.00 - 2.50
6-00277	60421	Np-236	-0.0141 U	0.0285	0.009	0.047	1.00 - 2.50
6-00277	60421	Np-239	0.0624 J	0.115	0.0375	0.139	1.00 - 2.50
6-00277	60421	Pa-231	-0.486 U	0.696	0.249	0.936	1.00 - 2.50
6-00277	60421	Pb-212	1.52	0.0301	0.0838	2.69	1.00 - 2.50
6-00277	60421	Pb-214	1.03	0.0316	0.0481	1.7	1.00 - 2.50
6-00277	60421	Pu-236	-0.0113 U	0.0503	0.0107	7.79	1.00 - 2.50
6-00277	60421	Pu-238	0.0083 U	0.045	0.0122	0.0415	1.00 - 2.50
6-00277	60421	Pu-239/240	0.0042 U	0.0209	0.0052	0.0404	1.00 - 2.50
6-00277	60421	Pu-244	0	0.0089	0.0033	0.0313	1.00 - 2.50
6-00277	60421	Sb-125	0.0035 U	0.045	0.0132	0.354	1.00 - 2.50
6-00277	60421	Sn-126	0.0041 U	0.0181	0.0053	0.0237	1.00 - 2.50
6-00277	60421	Sr-90	0.157 U	0.436	0.13	0.485	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00277	60421	Tc-99	-0.288 U	0.77	0.226	1.63	1.00 - 2.50
6-00277	60421	Th-228	1.24	0.0917	0.123	3.98	1.00 - 2.50
6-00277	60421	Th-229	0.0068 U	0.0734	0.018	0.145	1.00 - 2.50
6-00277	60421	Th-230	0.885	0.0184	0.0932	2.2	1.00 - 2.50
6-00277	60421	Th-232	1.03	0.0184	0.103	3.1	1.00 - 2.50
6-00277	60421	Th-234	1.62	0.2	0.133	3.19	1.00 - 2.50
6-00277	60421	Tl-208	0.494	0.0184	0.0292	0.937	1.00 - 2.50
6-00277	60421	Tm-171	1.45 U	6.83	2.34	72.4	1.00 - 2.50
6-00277	60421	U-233/234	0.965	0.0495	0.102	2.02	1.00 - 2.50
6-00277	60421	U-235/236	0.0744	0.0183	0.0231	0.151	1.00 - 2.50
6-00277	60421	U-238	0.977	0.0431	0.103	1.8	1.00 - 2.50
6-00278	60422	Ac-227	-0.0039 U	0.205	0.0611	0.217	0.00 - 0.50
6-00278	60422	Ac-228	1.15	0.0936	0.0599	2.4	0.00 - 0.50
6-00278	60422	Am-241	0.0002 U	0.0198	0.0045	0.0454	0.00 - 0.50
6-00278	60422	Bi-212	0.849	0.139	0.0817	2.15	0.00 - 0.50
6-00278	60422	Bi-214	0.78	0.0288	0.0386	1.59	0.00 - 0.50
6-00278	60422	C-14	0.0361 U	0.689	0.205	2.96	0.00 - 0.50
6-00278	60422	Cd-113m	-104 UJ	135	50.6	3030	0.00 - 0.50
6-00278	60422	Cm-243/244	0.0017 U	0.0181	0.0043	0.0443	0.00 - 0.50
6-00278	60422	Co-60	0.006 U	0.0181	0.0053	0.028	0.00 - 0.50
6-00278	60422	Cs-134	-0.006 U	0.0148	0.0053	0.0864	0.00 - 0.50
6-00278	60422	Cs-137	0.405	0.0172	0.0237	0.207	0.00 - 0.50
6-00278	60422	Eu-152	-0.005 U	0.0499	0.0223	0.0566	0.00 - 0.50
6-00278	60422	Eu-154	0.038 U	0.0955	0.0332	0.15	0.00 - 0.50
6-00278	60422	Eu-155	0.0568 JS	0.0782	0.0275	0.231	0.00 - 0.50
6-00278	60422	H-3	-1.46 U	8.57	2.26	11.9	0.00 - 0.50
6-00278	60422	Ho-166m	-0.0047 U	0.0253	0.0076	0.0432	0.00 - 0.50
6-00278	60422	K-40	21	0.121	1.38	32.4	0.00 - 0.50
6-00278	60422	Na-22	-0.0013 U	0.0213	0.0062	0.037	0.00 - 0.50
6-00278	60422	Nb-94	0.0086 JS	0.015	0.0047	0.0214	0.00 - 0.50
6-00278	60422	Ni-59	3.48 J	6.02	1.54	5.96	0.00 - 0.50
6-00278	60422	Ni-63	-0.0122 U	0.0579	0.0171	4.92	0.00 - 0.50
6-00278	60422	Np-236	-0.0142 U	0.0399	0.0123	0.047	0.00 - 0.50
6-00278	60422	Np-239	-0.0058 U	0.138	0.0411	0.139	0.00 - 0.50
6-00278	60422	Pa-231	-0.0581 U	0.844	0.293	0.936	0.00 - 0.50
6-00278	60422	Pb-212	1.39	0.0366	0.0933	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00278	60422	Pb-214	0.893	0.0346	0.0469	1.7	0.00 - 0.50
6-00278	60422	Pu-236	-0.0103 U	0.0312	0.0054	7.79	0.00 - 0.50
6-00278	60422	Pu-238	-0.0062 U	0.0311	0.006	0.0415	0.00 - 0.50
6-00278	60422	Pu-239/240	0.0095	0.021	0.0066	0.0404	0.00 - 0.50
6-00278	60422	Pu-244	0	0.0072	0.0027	0.0313	0.00 - 0.50
6-00278	60422	Sb-125	-0.0039 U	0.0487	0.0148	0.354	0.00 - 0.50
6-00278	60422	Sn-126	-0.0047 U	0.0162	0.005	0.0237	0.00 - 0.50
6-00278	60422	Sr-90	0.38	0.398	0.136	0.485	0.00 - 0.50
6-00278	60422	Tc-99	0.294 U	0.968	0.293	1.63	0.00 - 0.50
6-00278	60422	Th-228	1.22 J	0.14	0.152	3.98	0.00 - 0.50
6-00278	60422	Th-229	0.0807	0.0848	0.035	0.145	0.00 - 0.50
6-00278	60422	Th-230	0.632	0.0312	0.0948	2.2	0.00 - 0.50
6-00278	60422	Th-232	1.1	0.0311	0.133	3.1	0.00 - 0.50
6-00278	60422	Th-234	1.64 J	0.396	0.424	3.19	0.00 - 0.50
6-00278	60422	Tl-208	0.42	0.0176	0.0241	0.937	0.00 - 0.50
6-00278	60422	Tm-171	-12.7 UJ	16.6	6.01	72.4	0.00 - 0.50
6-00278	60422	U-233/234	0.868	0.0539	0.0941	2.02	0.00 - 0.50
6-00278	60422	U-235/236	0.0863	0.018	0.0248	0.151	0.00 - 0.50
6-00278	60422	U-238	1.01	0.0424	0.105	1.8	0.00 - 0.50
6-00279	60424	Ac-227	-0.0598 U	0.17	0.0526	0.217	0.00 - 0.50
6-00279	60424	Ac-228	1.12	0.0925	0.0546	2.4	0.00 - 0.50
6-00279	60424	Am-241	0.0037 U	0.0189	0.0048	0.0454	0.00 - 0.50
6-00279	60424	Bi-212	0.78	0.136	0.0737	2.15	0.00 - 0.50
6-00279	60424	Bi-214	0.927	0.0296	0.0446	1.59	0.00 - 0.50
6-00279	60424	C-14	-0.0642 U	0.674	0.2	2.96	0.00 - 0.50
6-00279	60424	Cd-113m	-57.6 U	115	38.3	3030	0.00 - 0.50
6-00279	60424	Cm-243/244	0	0.0066	0.0024	0.0443	0.00 - 0.50
6-00279	60424	Co-60	0.0008 U	0.0183	0.0053	0.028	0.00 - 0.50
6-00279	60424	Cs-134	0.0032 U	0.0156	0.0052	0.0864	0.00 - 0.50
6-00279	60424	Cs-137	0.0422	0.0185	0.0072	0.207	0.00 - 0.50
6-00279	60424	Eu-152	0.0234 J	0.0457	0.0161	0.0566	0.00 - 0.50
6-00279	60424	Eu-154	0.007 U	0.098	0.0281	0.15	0.00 - 0.50
6-00279	60424	Eu-155	0.0514 JS	0.0635	0.0224	0.231	0.00 - 0.50
6-00279	60424	H-3	-0.261 U	9.19	2.51	11.9	0.00 - 0.50
6-00279	60424	Ho-166m	-0.0065 U	0.0259	0.0079	0.0432	0.00 - 0.50
6-00279	60424	K-40	20.7	0.134	1.12	32.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00279	60424	Na-22	-0.0127 U	0.0207	0.007	0.037	0.00 - 0.50
6-00279	60424	Nb-94	-0.0024 U	0.0149	0.0045	0.0214	0.00 - 0.50
6-00279	60424	Ni-59	-0.217 U	4.96	1.28	5.96	0.00 - 0.50
6-00279	60424	Ni-63	-0.0065 U	0.0554	0.0164	4.92	0.00 - 0.50
6-00279	60424	Np-236	-0.0151 U	0.0324	0.0106	0.047	0.00 - 0.50
6-00279	60424	Np-239	-0.0553 U	0.114	0.0364	0.139	0.00 - 0.50
6-00279	60424	Pa-231	-0.321 U	0.728	0.232	0.936	0.00 - 0.50
6-00279	60424	Pb-212	1.34	0.0311	0.0775	2.69	0.00 - 0.50
6-00279	60424	Pb-214	0.886	0.0312	0.0438	1.7	0.00 - 0.50
6-00279	60424	Pu-236	-0.0068 U	0.0285	0.005	7.79	0.00 - 0.50
6-00279	60424	Pu-238	0.0012 U	0.032	0.0075	0.0415	0.00 - 0.50
6-00279	60424	Pu-239/240	0.0088	0.0079	0.0051	0.0404	0.00 - 0.50
6-00279	60424	Pu-244	-0.0021 U	0.0186	0.0036	0.0313	0.00 - 0.50
6-00279	60424	Sb-125	-0.0113 U	0.0427	0.0133	0.354	0.00 - 0.50
6-00279	60424	Sn-126	-0.0064 U	0.0165	0.0052	0.0237	0.00 - 0.50
6-00279	60424	Sr-90	0.144 U	0.399	0.12	0.485	0.00 - 0.50
6-00279	60424	Tc-99	-0.507 U	1.04	0.304	1.63	0.00 - 0.50
6-00279	60424	Th-228	1.29	0.0983	0.13	3.98	0.00 - 0.50
6-00279	60424	Th-229	0.0291	0.0535	0.0179	0.145	0.00 - 0.50
6-00279	60424	Th-230	1.02	0.0534	0.105	2.2	0.00 - 0.50
6-00279	60424	Th-232	1.12	0.0196	0.112	3.1	0.00 - 0.50
6-00279	60424	Th-234	1.46	0.25	0.137	3.19	0.00 - 0.50
6-00279	60424	Tl-208	0.433	0.0171	0.0259	0.937	0.00 - 0.50
6-00279	60424	Tm-171	1.78 U	11.1	3.7	72.4	0.00 - 0.50
6-00279	60424	U-233/234	0.971	0.0416	0.101	2.02	0.00 - 0.50
6-00279	60424	U-235/236	0.0457	0.0177	0.0176	0.151	0.00 - 0.50
6-00279	60424	U-238	0.939	0.0143	0.0984	1.8	0.00 - 0.50
6-00279	60425	Ac-227	-0.0959 U	0.173	0.0587	0.217	1.00 - 5.00
6-00279	60425	Ac-228	1.25	0.0918	0.0602	2.4	1.00 - 5.00
6-00279	60425	Am-241	0.0059	0.0053	0.0034	0.0454	1.00 - 5.00
6-00279	60425	Bi-212	0.992	0.119	0.0818	2.15	1.00 - 5.00
6-00279	60425	Bi-214	0.995	0.0273	0.0462	1.59	1.00 - 5.00
6-00279	60425	C-14	-0.377 U	0.931	0.268	2.96	1.00 - 5.00
6-00279	60425	Cd-113m	58.1 U	120	38.5	3030	1.00 - 5.00
6-00279	60425	Cm-243/244	0.0006 U	0.0126	0.0024	0.0443	1.00 - 5.00
6-00279	60425	Co-60	-0.0021 U	0.0165	0.005	0.028	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00279	60425	Cs-134	-0.0002 U	0.014	0.0048	0.0864	1.00 - 5.00
6-00279	60425	Cs-137	-0.014 UJ	0.0157	0.006	0.207	1.00 - 5.00
6-00279	60425	Eu-152	-0.0282 UJ	0.0417	0.0145	0.0566	1.00 - 5.00
6-00279	60425	Eu-154	-0.0403 U	0.093	0.0341	0.15	1.00 - 5.00
6-00279	60425	Eu-155	0.0565 JS	0.0633	0.0226	0.231	1.00 - 5.00
6-00279	60425	H-3	3.25	7.27	2.2	11.9	1.00 - 5.00
6-00279	60425	Ho-166m	0.0022 U	0.0233	0.007	0.0432	1.00 - 5.00
6-00279	60425	K-40	22.5	0.132	1.28	32.4	1.00 - 5.00
6-00279	60425	Na-22	-0.0113 U	0.0204	0.0069	0.037	1.00 - 5.00
6-00279	60425	Nb-94	0.0055 U	0.0144	0.0045	0.0214	1.00 - 5.00
6-00279	60425	Ni-59	1.99 U	6.25	1.65	5.96	1.00 - 5.00
6-00279	60425	Ni-63	0.146 U	1.12	0.332	4.92	1.00 - 5.00
6-00279	60425	Np-236	0.0018 U	0.0333	0.0098	0.047	1.00 - 5.00
6-00279	60425	Np-239	0.0134 U	0.117	0.0358	0.139	1.00 - 5.00
6-00279	60425	Pa-231	-0.331 U	0.71	0.236	0.936	1.00 - 5.00
6-00279	60425	Pb-212	1.42	0.0317	0.0847	2.69	1.00 - 5.00
6-00279	60425	Pb-214	1.1	0.0305	0.0523	1.7	1.00 - 5.00
6-00279	60425	Pu-236	-0.0013 U	0.0237	0.0051	7.79	1.00 - 5.00
6-00279	60425	Pu-238	0.0006 U	0.0133	0.0026	0.0415	1.00 - 5.00
6-00279	60425	Pu-239/240	0.0012 U	0.0165	0.0036	0.0404	1.00 - 5.00
6-00279	60425	Pu-244	0	0.0057	0.0021	0.0313	1.00 - 5.00
6-00279	60425	Sb-125	-0.0046 U	0.0411	0.0121	0.354	1.00 - 5.00
6-00279	60425	Sn-126	-0.01 U	0.0149	0.0053	0.0237	1.00 - 5.00
6-00279	60425	Sr-90	-0.0294 U	0.272	0.073	0.485	1.00 - 5.00
6-00279	60425	Tc-99	0.205 U	0.854	0.251	1.63	1.00 - 5.00
6-00279	60425	Th-228	1.47	0.0797	0.144	3.98	1.00 - 5.00
6-00279	60425	Th-229	0.0081 U	0.0755	0.0182	0.145	1.00 - 5.00
6-00279	60425	Th-230	0.924	0.022	0.103	2.2	1.00 - 5.00
6-00279	60425	Th-232	1.18	0.0219	0.12	3.1	1.00 - 5.00
6-00279	60425	Th-234	1.54	0.262	0.152	3.19	1.00 - 5.00
6-00279	60425	Tl-208	0.424	0.0153	0.0245	0.937	1.00 - 5.00
6-00279	60425	Tm-171	0.632 U	12.5	4.3	72.4	1.00 - 5.00
6-00279	60425	U-233/234	1.18	0.0153	0.119	2.02	1.00 - 5.00
6-00279	60425	U-235/236	0.0835	0.0189	0.0249	0.151	1.00 - 5.00
6-00279	60425	U-238	1.16	0.0153	0.118	1.8	1.00 - 5.00
6-00280	60426	Ac-227	-0.0445 U	0.184	0.0579	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00280	60426	Ac-228	1.35	0.0978	0.0652	2.4	0.00 - 0.50
6-00280	60426	Am-241	0.0078	0.0053	0.0039	0.0454	0.00 - 0.50
6-00280	60426	Bi-212	0.975	0.14	0.0833	2.15	0.00 - 0.50
6-00280	60426	Bi-214	1.02	0.0299	0.0485	1.59	0.00 - 0.50
6-00280	60426	C-14	0.111 U	0.677	0.203	2.96	0.00 - 0.50
6-00280	60426	Cd-113m	2.91 U	124	38	3030	0.00 - 0.50
6-00280	60426	Cm-243/244	0.002	0.0054	0.002	0.0443	0.00 - 0.50
6-00280	60426	Co-60	-0.0022 U	0.0182	0.0055	0.028	0.00 - 0.50
6-00280	60426	Cs-134	0.0079 JS	0.0161	0.0056	0.0864	0.00 - 0.50
6-00280	60426	Cs-137	0.0511	0.0142	0.0078	0.207	0.00 - 0.50
6-00280	60426	Eu-152	0.0122 U	0.0463	0.0152	0.0566	0.00 - 0.50
6-00280	60426	Eu-154	-0.0263 U	0.0998	0.0305	0.15	0.00 - 0.50
6-00280	60426	Eu-155	0.0879 JS	0.0649	0.0299	0.231	0.00 - 0.50
6-00280	60426	H-3	1.44 U	7.39	2.07	11.9	0.00 - 0.50
6-00280	60426	Ho-166m	-0.0082 U	0.0264	0.0084	0.0432	0.00 - 0.50
6-00280	60426	K-40	22.3	0.135	1.27	32.4	0.00 - 0.50
6-00280	60426	Na-22	-0.0008 U	0.0217	0.0076	0.037	0.00 - 0.50
6-00280	60426	Nb-94	0.0004 U	0.015	0.0045	0.0214	0.00 - 0.50
6-00280	60426	Ni-59	-2.68 U	4.44	1.5	5.96	0.00 - 0.50
6-00280	60426	Ni-63	0.283 U	1.38	0.414	4.92	0.00 - 0.50
6-00280	60426	Np-236	-0.0161 U	0.0347	0.011	0.047	0.00 - 0.50
6-00280	60426	Np-239	-0.0295 U	0.123	0.0385	0.139	0.00 - 0.50
6-00280	60426	Pa-231	0.246 U	0.795	0.249	0.936	0.00 - 0.50
6-00280	60426	Pb-212	1.57	0.0337	0.0938	2.69	0.00 - 0.50
6-00280	60426	Pb-214	1.13	0.0328	0.0538	1.7	0.00 - 0.50
6-00280	60426	Pu-236	-0.0055 U	0.0411	0.009	7.79	0.00 - 0.50
6-00280	60426	Pu-238	0.0028 U	0.0362	0.0091	0.0415	0.00 - 0.50
6-00280	60426	Pu-239/240	-0.0034 U	0.0263	0.0047	0.0404	0.00 - 0.50
6-00280	60426	Pu-244	0.0058	0.0079	0.0041	0.0313	0.00 - 0.50
6-00280	60426	Sb-125	0.0075 U	0.0455	0.0133	0.354	0.00 - 0.50
6-00280	60426	Sn-126	-0.0001 U	0.0167	0.005	0.0237	0.00 - 0.50
6-00280	60426	Sr-90	0.142	0.217	0.0705	0.485	0.00 - 0.50
6-00280	60426	Tc-99	-0.0435 U	1.42	0.418	1.63	0.00 - 0.50
6-00280	60426	Th-228	1.17	0.0729	0.119	3.98	0.00 - 0.50
6-00280	60426	Th-229	0 U	0.0519	0.01	0.145	0.00 - 0.50
6-00280	60426	Th-230	0.711	0.0654	0.0831	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00280	60426	Th-232	1.06	0.0516	0.106	3.1	0.00 - 0.50
6-00280	60426	Th-234	1.69 J	0.273	0.17	3.19	0.00 - 0.50
6-00280	60426	Tl-208	0.44	0.0182	0.0256	0.937	0.00 - 0.50
6-00280	60426	Tm-171	3.11 U	13.7	4.73	72.4	0.00 - 0.50
6-00280	60426	U-233/234	0.84	0.0453	0.0936	2.02	0.00 - 0.50
6-00280	60426	U-235/236	0.0426	0.0192	0.0177	0.151	0.00 - 0.50
6-00280	60426	U-238	0.948	0.0156	0.102	1.8	0.00 - 0.50
6-00280	60427	Ac-227	-0.0286 U	0.15	0.0467	0.217	1.00 - 4.50
6-00280	60427	Ac-228	1.09	0.0911	0.052	2.4	1.00 - 4.50
6-00280	60427	Am-241	0.0063	0.0175	0.0052	0.0454	1.00 - 4.50
6-00280	60427	Bi-212	0.743	0.129	0.0692	2.15	1.00 - 4.50
6-00280	60427	Bi-214	0.827	0.0268	0.0403	1.59	1.00 - 4.50
6-00280	60427	C-14	0.34 U	0.714	0.217	2.96	1.00 - 4.50
6-00280	60427	Cd-113m	-38.8 U	97.2	33.2	3030	1.00 - 4.50
6-00280	60427	Cm-243/244	0.0091	0.0176	0.0059	0.0443	1.00 - 4.50
6-00280	60427	Co-60	-0.0031 U	0.0171	0.0051	0.028	1.00 - 4.50
6-00280	60427	Cs-134	-0.0052 U	0.0131	0.0048	0.0864	1.00 - 4.50
6-00280	60427	Cs-137	-0.0062 U	0.0174	0.0053	0.207	1.00 - 4.50
6-00280	60427	Eu-152	-0.0247 U	0.0376	0.0135	0.0566	1.00 - 4.50
6-00280	60427	Eu-154	-0.0822 UJ	0.0923	0.0351	0.15	1.00 - 4.50
6-00280	60427	Eu-155	0.0836 JS	0.0458	0.0238	0.231	1.00 - 4.50
6-00280	60427	H-3	0.365 U	7.83	2.11	11.9	1.00 - 4.50
6-00280	60427	Ho-166m	0.0017 UJ	0.0247	0.0071	0.0432	1.00 - 4.50
6-00280	60427	K-40	21.4	0.119	1.15	32.4	1.00 - 4.50
6-00280	60427	Na-22	-0.0039 U	0.0201	0.006	0.037	1.00 - 4.50
6-00280	60427	Nb-94	0.0093 JS	0.0146	0.0046	0.0214	1.00 - 4.50
6-00280	60427	Ni-59	-0.424 U	5.21	1.43	5.96	1.00 - 4.50
6-00280	60427	Ni-63	0.884	1.35	0.421	4.92	1.00 - 4.50
6-00280	60427	Np-236	-0.0085 U	0.0252	0.0077	0.047	1.00 - 4.50
6-00280	60427	Np-239	-0.064 U	0.0953	0.0333	0.139	1.00 - 4.50
6-00280	60427	Pa-231	-0.142 U	0.605	0.191	0.936	1.00 - 4.50
6-00280	60427	Pb-212	1.2	0.0269	0.0664	2.69	1.00 - 4.50
6-00280	60427	Pb-214	0.865	0.0276	0.0413	1.7	1.00 - 4.50
6-00280	60427	Pu-236	-0.0043 U	0.0234	0.0042	7.79	1.00 - 4.50
6-00280	60427	Pu-238	-0.0041 U	0.0222	0.004	0.0415	1.00 - 4.50
6-00280	60427	Pu-239/240	0.012	0.0179	0.0066	0.0404	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00280	60427	Pu-244	-0.0017 U	0.0306	0.0066	0.0313	1.00 - 4.50
6-00280	60427	Sb-125	-0.0115 U	0.0379	0.0116	0.354	1.00 - 4.50
6-00280	60427	Sn-126	-0.0015 U	0.0162	0.0047	0.0237	1.00 - 4.50
6-00280	60427	Sr-90	0.201 U	0.404	0.125	0.485	1.00 - 4.50
6-00280	60427	Tc-99	-0.138 U	1.58	0.462	1.63	1.00 - 4.50
6-00280	60427	Th-228	1.3	0.0555	0.124	3.98	1.00 - 4.50
6-00280	60427	Th-229	-0.014 U	0.0988	0.0222	0.145	1.00 - 4.50
6-00280	60427	Th-230	0.943	0.0649	0.0987	2.2	1.00 - 4.50
6-00280	60427	Th-232	1.21	0.0189	0.115	3.1	1.00 - 4.50
6-00280	60427	Th-234	1.28	0.186	0.108	3.19	1.00 - 4.50
6-00280	60427	Tl-208	0.391	0.0157	0.0236	0.937	1.00 - 4.50
6-00280	60427	Tm-171	0.468 U	5.78	1.97	72.4	1.00 - 4.50
6-00280	60427	U-233/234	0.957	0.0526	0.1	2.02	1.00 - 4.50
6-00280	60427	U-235/236	0.0091 U	0.0706	0.0179	0.151	1.00 - 4.50
6-00280	60427	U-238	0.834	0.0142	0.0899	1.8	1.00 - 4.50
6-00281	60428	Ac-227	-0.0143 U	0.18	0.0554	0.217	0.00 - 0.50
6-00281	60428	Ac-228	1.13	0.0987	0.0556	2.4	0.00 - 0.50
6-00281	60428	Am-241	0.0062	0.0056	0.0036	0.0454	0.00 - 0.50
6-00281	60428	Bi-212	0.793 J	0.156	0.0898	2.15	0.00 - 0.50
6-00281	60428	Bi-214	0.891	0.0314	0.0449	1.59	0.00 - 0.50
6-00281	60428	C-14	0.0967 U	0.609	0.182	2.96	0.00 - 0.50
6-00281	60428	Cd-113m	-32.2 U	118	37.3	3030	0.00 - 0.50
6-00281	60428	Cm-243/244	0.0123	0.019	0.0065	0.0443	0.00 - 0.50
6-00281	60428	Co-60	-0.0052 U	0.019	0.0057	0.028	0.00 - 0.50
6-00281	60428	Cs-134	-0.0082 U	0.0163	0.0062	0.0864	0.00 - 0.50
6-00281	60428	Cs-137	0.497	0.0177	0.0301	0.207	0.00 - 0.50
6-00281	60428	Eu-152	-0.0238 U	0.0448	0.0149	0.0566	0.00 - 0.50
6-00281	60428	Eu-154	-0.0374 U	0.114	0.0358	0.15	0.00 - 0.50
6-00281	60428	Eu-155	0.0629 JS	0.0561	0.0217	0.231	0.00 - 0.50
6-00281	60428	H-3	5.49	7.64	2.48	11.9	0.00 - 0.50
6-00281	60428	Ho-166m	-0.0046 U	0.028	0.0082	0.0432	0.00 - 0.50
6-00281	60428	K-40	20.8	0.132	1.12	32.4	0.00 - 0.50
6-00281	60428	Na-22	0.0055 U	0.0249	0.0083	0.037	0.00 - 0.50
6-00281	60428	Nb-94	0.0149 JS	0.0173	0.0059	0.0214	0.00 - 0.50
6-00281	60428	Ni-59	-2.75 U	5.02	1.63	5.96	0.00 - 0.50
6-00281	60428	Ni-63	0.0355 U	1.44	0.427	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00281	60428	Np-236	-0.0109 U	0.0288	0.0088	0.047	0.00 - 0.50
6-00281	60428	Np-239	-0.035 U	0.114	0.036	0.139	0.00 - 0.50
6-00281	60428	Pa-231	0.276 U	0.757	0.238	0.936	0.00 - 0.50
6-00281	60428	Pb-212	1.32	0.0319	0.0735	2.69	0.00 - 0.50
6-00281	60428	Pb-214	0.957	0.0335	0.0463	1.7	0.00 - 0.50
6-00281	60428	Pu-236	-0.0028 U	0.0319	0.0064	7.79	0.00 - 0.50
6-00281	60428	Pu-238	0.01 U	0.0321	0.0092	0.0415	0.00 - 0.50
6-00281	60428	Pu-239/240	0.0088	0.008	0.0051	0.0404	0.00 - 0.50
6-00281	60428	Pu-244	0.0038 U	0.0187	0.0047	0.0313	0.00 - 0.50
6-00281	60428	Sb-125	0.0163 U	0.05	0.015	0.354	0.00 - 0.50
6-00281	60428	Sn-126	0.0024 U	0.0185	0.0053	0.0237	0.00 - 0.50
6-00281	60428	Sr-90	0.164	0.19	0.0661	0.485	0.00 - 0.50
6-00281	60428	Tc-99	-0.687 U	1.87	0.539	1.63	0.00 - 0.50
6-00281	60428	Th-228	1.26	0.0739	0.125	3.98	0.00 - 0.50
6-00281	60428	Th-229	0 U	0.0663	0.0143	0.145	0.00 - 0.50
6-00281	60428	Th-230	0.869	0.0525	0.0943	2.2	0.00 - 0.50
6-00281	60428	Th-232	1.06	0.0523	0.107	3.1	0.00 - 0.50
6-00281	60428	Th-234	1.34	0.219	0.119	3.19	0.00 - 0.50
6-00281	60428	Tl-208	0.431	0.0179	0.0265	0.937	0.00 - 0.50
6-00281	60428	Tm-171	-0.904 U	6.55	2.07	72.4	0.00 - 0.50
6-00281	60428	U-233/234	0.744	0.0654	0.0938	2.02	0.00 - 0.50
6-00281	60428	U-235/236	0.0536	0.0242	0.0223	0.151	0.00 - 0.50
6-00281	60428	U-238	0.766	0.0196	0.0946	1.8	0.00 - 0.50
6-00282	60430	Ac-227	-0.0492 U	0.148	0.0451	0.217	0.00 - 0.50
6-00282	60430	Ac-228	1.1	0.0729	0.0527	2.4	0.00 - 0.50
6-00282	60430	Am-241	0.0091	0.0213	0.0065	0.0454	0.00 - 0.50
6-00282	60430	Bi-212	0.744	0.0981	0.0657	2.15	0.00 - 0.50
6-00282	60430	Bi-214	0.838	0.0231	0.04	1.59	0.00 - 0.50
6-00282	60430	C-14	-0.0318 U	0.719	0.214	2.96	0.00 - 0.50
6-00282	60430	Cd-113m	-6.79 U	99.4	30	3030	0.00 - 0.50
6-00282	60430	Cm-243/244	0.0063 U	0.0276	0.0075	0.0443	0.00 - 0.50
6-00282	60430	Co-60	-0.0027 U	0.0137	0.0042	0.028	0.00 - 0.50
6-00282	60430	Cs-134	0.0051 U	0.0116	0.0041	0.0864	0.00 - 0.50
6-00282	60430	Cs-137	0.0433	0.0128	0.0092	0.207	0.00 - 0.50
6-00282	60430	Eu-152	-0.0144 U	0.0362	0.0113	0.0566	0.00 - 0.50
6-00282	60430	Eu-154	-0.0392 U	0.0763	0.0249	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00282	60430	Eu-155	0.0653 JS	0.0524	0.0204	0.231	0.00 - 0.50
6-00282	60430	H-3	-2.81 U	9.78	2.85	11.9	0.00 - 0.50
6-00282	60430	Ho-166m	-0.0031 U	0.0196	0.0061	0.0432	0.00 - 0.50
6-00282	60430	K-40	19.3	0.106	1.1	32.4	0.00 - 0.50
6-00282	60430	Na-22	0.0058 U	0.0164	0.005	0.037	0.00 - 0.50
6-00282	60430	Nb-94	0.0044 U	0.012	0.0037	0.0214	0.00 - 0.50
6-00282	60430	Ni-59	-1.53 UJ	4.38	1.35	5.96	0.00 - 0.50
6-00282	60430	Ni-63	0.102 U	1.06	0.317	4.92	0.00 - 0.50
6-00282	60430	Np-236	-0.021 UJ	0.0285	0.0101	0.047	0.00 - 0.50
6-00282	60430	Np-239	0.0119 U	0.101	0.0316	0.139	0.00 - 0.50
6-00282	60430	Pa-231	0.13 U	0.631	0.185	0.936	0.00 - 0.50
6-00282	60430	Pb-212	1.22	0.0252	0.0726	2.69	0.00 - 0.50
6-00282	60430	Pb-214	0.886	0.0254	0.0428	1.7	0.00 - 0.50
6-00282	60430	Pu-238	0.0042	0.0057	0.003	0.0415	0.00 - 0.50
6-00282	60430	Pu-239/240	0.0012 U	0.0167	0.0037	0.0404	0.00 - 0.50
6-00282	60430	Pu-244	0	0.0057	0.0021	0.0313	0.00 - 0.50
6-00282	60430	Sb-125	-0.0038 U	0.0337	0.0101	0.354	0.00 - 0.50
6-00282	60430	Sn-126	-0.0014 U	0.0129	0.004	0.0237	0.00 - 0.50
6-00282	60430	Sr-90	-0.0258 U	0.202	0.0558	0.485	0.00 - 0.50
6-00282	60430	Tc-99	-0.652 U	1.33	0.376	1.63	0.00 - 0.50
6-00282	60430	Th-228	1.1	0.122	0.118	3.98	0.00 - 0.50
6-00282	60430	Th-229	-0.0152 U	0.107	0.0241	0.145	0.00 - 0.50
6-00282	60430	Th-230	0.88	0.0559	0.0982	2.2	0.00 - 0.50
6-00282	60430	Th-232	1.15	0.0205	0.116	3.1	0.00 - 0.50
6-00282	60430	Th-234	1.48	0.223	0.137	3.19	0.00 - 0.50
6-00282	60430	Tl-208	0.382	0.0121	0.022	0.937	0.00 - 0.50
6-00282	60430	Tm-171	-2.89 U	9.44	3.23	72.4	0.00 - 0.50
6-00282	60430	U-233/234	0.738	0.0143	0.0824	2.02	0.00 - 0.50
6-00282	60430	U-235/236	0.0166 U	0.0513	0.0146	0.151	0.00 - 0.50
6-00282	60430	U-238	0.627	0.0335	0.0737	1.8	0.00 - 0.50
6-00282	60431	Ac-227	-0.0365 U	0.191	0.0572	0.217	1.00 - 4.00
6-00282	60431	Ac-228	1.23	0.103	0.0593	2.4	1.00 - 4.00
6-00282	60431	Am-241	0.0006 U	0.0144	0.0028	0.0454	1.00 - 4.00
6-00282	60431	Bi-212	0.776 J	0.138	0.0782	2.15	1.00 - 4.00
6-00282	60431	Bi-214	1.29	0.0313	0.0595	1.59	1.00 - 4.00
6-00282	60431	C-14	0.112 U	0.739	0.222	2.96	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00282	60431	Cd-113m	84.2 J	131	42.6	3030	1.00 - 4.00
6-00282	60431	Cm-243/244	0.0132	0.0205	0.007	0.0443	1.00 - 4.00
6-00282	60431	Co-60	0.0073 U	0.0208	0.0063	0.028	1.00 - 4.00
6-00282	60431	Cs-134	-0.0008 U	0.0151	0.0051	0.0864	1.00 - 4.00
6-00282	60431	Cs-137	0.003 U	0.0173	0.0059	0.207	1.00 - 4.00
6-00282	60431	Eu-152	-0.0469 UJ	0.0462	0.0182	0.0566	1.00 - 4.00
6-00282	60431	Eu-154	-0.0135 U	0.103	0.0352	0.15	1.00 - 4.00
6-00282	60431	Eu-155	0.0678 JS	0.0673	0.0259	0.231	1.00 - 4.00
6-00282	60431	H-3	-4.52 U	9.85	2.85	11.9	1.00 - 4.00
6-00282	60431	Ho-166m	-0.013 U	0.0271	0.0088	0.0432	1.00 - 4.00
6-00282	60431	K-40	20.9	0.161	1.28	32.4	1.00 - 4.00
6-00282	60431	Na-22	-0.0166 UJ	0.0217	0.0078	0.037	1.00 - 4.00
6-00282	60431	Nb-94	0.0026 U	0.0162	0.0048	0.0214	1.00 - 4.00
6-00282	60431	Ni-59	-0.605 UJ	5	1.44	5.96	1.00 - 4.00
6-00282	60431	Ni-63	0.0004 U	1.04	0.311	4.92	1.00 - 4.00
6-00282	60431	Np-236	-0.0146 U	0.0369	0.0117	0.047	1.00 - 4.00
6-00282	60431	Np-239	0.0416 U	0.129	0.0385	0.139	1.00 - 4.00
6-00282	60431	Pa-231	-0.339 U	0.789	0.25	0.936	1.00 - 4.00
6-00282	60431	Pb-212	1.31	0.0328	0.0783	2.69	1.00 - 4.00
6-00282	60431	Pb-214	1.38	0.0348	0.0644	1.7	1.00 - 4.00
6-00282	60431	Pu-238	-0.001 U	0.0171	0.0031	0.0415	1.00 - 4.00
6-00282	60431	Pu-239/240	0.0006 U	0.0138	0.0027	0.0404	1.00 - 4.00
6-00282	60431	Pu-244	0.0022	0.0059	0.0022	0.0313	1.00 - 4.00
6-00282	60431	Sb-125	0.0069 U	0.0457	0.0138	0.354	1.00 - 4.00
6-00282	60431	Sn-126	0.0066 U	0.018	0.0055	0.0237	1.00 - 4.00
6-00282	60431	Sr-90	0.124 U	0.204	0.0645	0.485	1.00 - 4.00
6-00282	60431	Tc-99	0.167 U	1.22	0.362	1.63	1.00 - 4.00
6-00282	60431	Th-228	1.31	0.118	0.135	3.98	1.00 - 4.00
6-00282	60431	Th-229	0.0165 U	0.108	0.0286	0.145	1.00 - 4.00
6-00282	60431	Th-230	1.43	0.0765	0.14	2.2	1.00 - 4.00
6-00282	60431	Th-232	1.17	0.0605	0.122	3.1	1.00 - 4.00
6-00282	60431	Th-234	1.72	0.297	0.166	3.19	1.00 - 4.00
6-00282	60431	Tl-208	0.404	0.0172	0.024	0.937	1.00 - 4.00
6-00282	60431	Tm-171	-4.59 U	14.5	4.9	72.4	1.00 - 4.00
6-00282	60431	U-233/234	1.38	0.0431	0.142	2.02	1.00 - 4.00
6-00282	60431	U-235/236	0.0776	0.0533	0.0278	0.151	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00282	60431	U-238	1.35	0.0183	0.14	1.8	1.00 - 4.00
6-00283	60432	Ac-227	0.0401 U	0.176	0.0535	0.217	0.00 - 0.50
6-00283	60432	Ac-228	1.1	0.0897	0.0535	2.4	0.00 - 0.50
6-00283	60432	Am-241	-0.0061 U	0.0214	0.0037	0.0454	0.00 - 0.50
6-00283	60432	Bi-212	0.705	0.12	0.0686	2.15	0.00 - 0.50
6-00283	60432	Bi-214	0.837	0.0275	0.041	1.59	0.00 - 0.50
6-00283	60432	C-14	-0.268 U	0.727	0.214	2.96	0.00 - 0.50
6-00283	60432	Cd-113m	71.6 J	118	43.1	3030	0.00 - 0.50
6-00283	60432	Cm-243/244	0.0091	0.0136	0.005	0.0443	0.00 - 0.50
6-00283	60432	Co-60	0.0021 U	0.0167	0.0049	0.028	0.00 - 0.50
6-00283	60432	Cs-134	0.0054 U	0.0141	0.0048	0.0864	0.00 - 0.50
6-00283	60432	Cs-137	0.0105	0.0173	0.0047	0.207	0.00 - 0.50
6-00283	60432	Eu-152	-0.0145 U	0.043	0.0157	0.0566	0.00 - 0.50
6-00283	60432	Eu-154	-0.0973 UJ	0.088	0.0357	0.15	0.00 - 0.50
6-00283	60432	Eu-155	0.0909 JS	0.0637	0.0271	0.231	0.00 - 0.50
6-00283	60432	H-3	2.47 U	9.18	2.76	11.9	0.00 - 0.50
6-00283	60432	Ho-166m	-0.0056 U	0.023	0.0071	0.0432	0.00 - 0.50
6-00283	60432	K-40	19.3	0.103	1.08	32.4	0.00 - 0.50
6-00283	60432	Na-22	-0.0107 U	0.0184	0.0062	0.037	0.00 - 0.50
6-00283	60432	Nb-94	0.0099 JS	0.0148	0.0048	0.0214	0.00 - 0.50
6-00283	60432	Ni-59	0.686 UJ	4.26	1.17	5.96	0.00 - 0.50
6-00283	60432	Ni-63	0.169 U	0.944	0.284	4.92	0.00 - 0.50
6-00283	60432	Np-236	-0.018 U	0.0341	0.011	0.047	0.00 - 0.50
6-00283	60432	Np-239	-0.0018 U	0.116	0.0349	0.139	0.00 - 0.50
6-00283	60432	Pa-231	0.0873 U	0.73	0.239	0.936	0.00 - 0.50
6-00283	60432	Pb-212	1.21	0.0297	0.0712	2.69	0.00 - 0.50
6-00283	60432	Pb-214	0.934	0.0309	0.0442	1.7	0.00 - 0.50
6-00283	60432	Pu-238	0	0.005	0.0018	0.0415	0.00 - 0.50
6-00283	60432	Pu-239/240	0.0002 U	0.0185	0.0042	0.0404	0.00 - 0.50
6-00283	60432	Pu-244	0.0074	0.005	0.0037	0.0313	0.00 - 0.50
6-00283	60432	Sb-125	-0.0038 U	0.0402	0.0118	0.354	0.00 - 0.50
6-00283	60432	Sn-126	-0.0047 U	0.016	0.005	0.0237	0.00 - 0.50
6-00283	60432	Sr-90	0.478	0.123	0.0761	0.485	0.00 - 0.50
6-00283	60432	Tc-99	-0.29 U	1.2	0.345	1.63	0.00 - 0.50
6-00283	60432	Th-228	1.12	0.155	0.142	3.98	0.00 - 0.50
6-00283	60432	Th-229	-0.0116 UJ	0.14	0.0308	0.145	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00283	60432	Th-230	0.906	0.0315	0.119	2.2	0.00 - 0.50
6-00283	60432	Th-232	1.03	0.0314	0.129	3.1	0.00 - 0.50
6-00283	60432	Th-234	1.24 J	0.263	0.132	3.19	0.00 - 0.50
6-00283	60432	Tl-208	0.36	0.0159	0.0221	0.937	0.00 - 0.50
6-00283	60432	Tm-171	-5.03 U	11.3	4.19	72.4	0.00 - 0.50
6-00283	60432	U-233/234	1.04	0.0407	0.105	2.02	0.00 - 0.50
6-00283	60432	U-235/236	0.0529	0.0407	0.0201	0.151	0.00 - 0.50
6-00283	60432	U-238	0.745	0.0329	0.0826	1.8	0.00 - 0.50
6-00283	60433	Ac-227	-0.0921 U	0.222	0.0828	0.217	19.00 - 20.00
6-00283	60433	Ac-228	1.56	0.103	0.0738	2.4	19.00 - 20.00
6-00283	60433	Am-241	0.0045	0.0061	0.0032	0.0454	19.00 - 20.00
6-00283	60433	Bi-212	0.998	0.136	0.084	2.15	19.00 - 20.00
6-00283	60433	Bi-214	1.29	0.0334	0.0586	1.59	19.00 - 20.00
6-00283	60433	C-14	0.0004 U	0.724	0.216	2.96	19.00 - 20.00
6-00283	60433	Cd-113m	54.8 U	148	57.4	3030	19.00 - 20.00
6-00283	60433	Cm-243/244	0.0013 U	0.0178	0.0039	0.0443	19.00 - 20.00
6-00283	60433	Co-60	-0.0048 U	0.0183	0.0056	0.028	19.00 - 20.00
6-00283	60433	Cs-134	-0.0028 U	0.0159	0.0055	0.0864	19.00 - 20.00
6-00283	60433	Cs-137	0.0096 J	0.0184	0.0065	0.207	19.00 - 20.00
6-00283	60433	Eu-152	-0.0521 UJ	0.0513	0.023	0.0566	19.00 - 20.00
6-00283	60433	Eu-154	0.0497 U	0.104	0.037	0.15	19.00 - 20.00
6-00283	60433	Eu-155	0.0672 JS	0.0825	0.0318	0.231	19.00 - 20.00
6-00283	60433	H-3	3 U	9.76	2.94	11.9	19.00 - 20.00
6-00283	60433	Ho-166m	-0.0037 U	0.0281	0.0084	0.0432	19.00 - 20.00
6-00283	60433	K-40	18.3	0.144	1.14	32.4	19.00 - 20.00
6-00283	60433	Na-22	0.0002 U	0.0213	0.0073	0.037	19.00 - 20.00
6-00283	60433	Nb-94	0.0039 U	0.0168	0.005	0.0214	19.00 - 20.00
6-00283	60433	Ni-59	-2.4 UJ	3.63	1.27	5.96	19.00 - 20.00
6-00283	60433	Ni-63	0.167 U	1.06	0.319	4.92	19.00 - 20.00
6-00283	60433	Np-236	0.0156 U	0.045	0.0143	0.047	19.00 - 20.00
6-00283	60433	Np-239	0.0388 U	0.152	0.0472	0.139	19.00 - 20.00
6-00283	60433	Pa-231	-0.234 U	0.919	0.293	0.936	19.00 - 20.00
6-00283	60433	Pb-212	1.78	0.0379	0.117	2.69	19.00 - 20.00
6-00283	60433	Pb-214	1.44	0.038	0.0718	1.7	19.00 - 20.00
6-00283	60433	Pu-238	0	0.0058	0.0022	0.0415	19.00 - 20.00
6-00283	60433	Pu-239/240	-0.005 U	0.0251	0.0049	0.0404	19.00 - 20.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00283	60433	Pu-244	0.0043	0.0058	0.0031	0.0313	19.00 - 20.00
6-00283	60433	Sb-125	0.0098 U	0.0497	0.0149	0.354	19.00 - 20.00
6-00283	60433	Sn-126	-0.0078 U	0.0185	0.0059	0.0237	19.00 - 20.00
6-00283	60433	Sr-90	0.0725 U	0.126	0.0399	0.485	19.00 - 20.00
6-00283	60433	Tc-99	-0.0831 U	1.16	0.338	1.63	19.00 - 20.00
6-00283	60433	Th-228	1.51	0.098	0.14	3.98	19.00 - 20.00
6-00283	60433	Th-229	0.0517	0.0887	0.0287	0.145	19.00 - 20.00
6-00283	60433	Th-230	1.44	0.02	0.133	2.2	19.00 - 20.00
6-00283	60433	Th-232	1.5	0.0199	0.136	3.1	19.00 - 20.00
6-00283	60433	Th-234	1.98	0.369	0.193	3.19	19.00 - 20.00
6-00283	60433	Tl-208	0.523	0.0185	0.0287	0.937	19.00 - 20.00
6-00283	60433	Tm-171	-5.96 U	21.2	7.19	72.4	19.00 - 20.00
6-00283	60433	U-233/234	1.15	0.0438	0.117	2.02	19.00 - 20.00
6-00283	60433	U-235/236	0.0823	0.0186	0.0245	0.151	19.00 - 20.00
6-00283	60433	U-238	1.29	0.015	0.127	1.8	19.00 - 20.00
6-00284	60434	Ac-227	0.006 U	0.163	0.048	0.217	0.00 - 0.50
6-00284	60434	Ac-228	0.993	0.0867	0.0489	2.4	0.00 - 0.50
6-00284	60434	Am-241	0.002	0.0055	0.002	0.0454	0.00 - 0.50
6-00284	60434	Bi-212	0.805	0.112	0.0697	2.15	0.00 - 0.50
6-00284	60434	Bi-214	0.914	0.0259	0.0435	1.59	0.00 - 0.50
6-00284	60434	C-14	-0.291 U	0.694	0.203	2.96	0.00 - 0.50
6-00284	60434	Cd-113m	17.2 U	107	32.8	3030	0.00 - 0.50
6-00284	60434	Cm-243/244	-0.0029 U	0.016	0.0029	0.0443	0.00 - 0.50
6-00284	60434	Co-60	-0.007 U	0.0154	0.005	0.028	0.00 - 0.50
6-00284	60434	Cs-134	0.0041 U	0.0135	0.0045	0.0864	0.00 - 0.50
6-00284	60434	Cs-137	-0.0021 U	0.0162	0.0048	0.207	0.00 - 0.50
6-00284	60434	Eu-152	-0.011 U	0.0402	0.0134	0.0566	0.00 - 0.50
6-00284	60434	Eu-154	-0.014 U	0.0918	0.027	0.15	0.00 - 0.50
6-00284	60434	Eu-155	0.0459 JS	0.0574	0.0202	0.231	0.00 - 0.50
6-00284	60434	H-3	-1.09 U	9.67	2.85	11.9	0.00 - 0.50
6-00284	60434	Ho-166m	0.0043 U	0.0248	0.0073	0.0432	0.00 - 0.50
6-00284	60434	K-40	19	0.108	1.03	32.4	0.00 - 0.50
6-00284	60434	Na-22	-0.0073 U	0.0187	0.0059	0.037	0.00 - 0.50
6-00284	60434	Nb-94	-0.0018 U	0.0135	0.004	0.0214	0.00 - 0.50
6-00284	60434	Ni-59	0.329 UJ	4.19	1.15	5.96	0.00 - 0.50
6-00284	60434	Ni-63	0.125 U	1.19	0.357	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00284	60434	Np-236	-0.0091 U	0.0306	0.0096	0.047	0.00 - 0.50
6-00284	60434	Np-239	0.0261 U	0.109	0.0323	0.139	0.00 - 0.50
6-00284	60434	Pa-231	-0.415 U	0.651	0.227	0.936	0.00 - 0.50
6-00284	60434	Pb-212	1.07	0.0281	0.0618	2.69	0.00 - 0.50
6-00284	60434	Pb-214	0.977	0.0287	0.0469	1.7	0.00 - 0.50
6-00284	60434	Pu-238	-0.0044 U	0.0185	0.0033	0.0415	0.00 - 0.50
6-00284	60434	Pu-239/240	0.0061	0.0055	0.0036	0.0404	0.00 - 0.50
6-00284	60434	Pu-244	0.0041	0.0055	0.0029	0.0313	0.00 - 0.50
6-00284	60434	Sb-125	0.0135 U	0.0391	0.012	0.354	0.00 - 0.50
6-00284	60434	Sn-126	-0.0087 U	0.015	0.005	0.0237	0.00 - 0.50
6-00284	60434	Sr-90	0.0121 U	0.145	0.0403	0.485	0.00 - 0.50
6-00284	60434	Tc-99	-0.6 U	1.24	0.352	1.63	0.00 - 0.50
6-00284	60434	Th-228	1.16	0.112	0.119	3.98	0.00 - 0.50
6-00284	60434	Th-229	0.0295 U	0.0794	0.0234	0.145	0.00 - 0.50
6-00284	60434	Th-230	1	0.0792	0.106	2.2	0.00 - 0.50
6-00284	60434	Th-232	1.17	0.0199	0.116	3.1	0.00 - 0.50
6-00284	60434	Th-234	1.48	0.236	0.129	3.19	0.00 - 0.50
6-00284	60434	Tl-208	0.355	0.0146	0.0208	0.937	0.00 - 0.50
6-00284	60434	Tm-171	-5 U	9.51	3.41	72.4	0.00 - 0.50
6-00284	60434	U-233/234	1.02	0.0399	0.104	2.02	0.00 - 0.50
6-00284	60434	U-235/236	0.0563	0.017	0.0192	0.151	0.00 - 0.50
6-00284	60434	U-238	1.11	0.0458	0.111	1.8	0.00 - 0.50
6-00284	60435	Ac-227	0.0633 U	0.166	0.0521	0.217	1.00 - 5.00
6-00284	60435	Ac-228	1.21	0.0781	0.0586	2.4	1.00 - 5.00
6-00284	60435	Am-241	-0.004 UJ	0.0314	0.0056	0.0454	1.00 - 5.00
6-00284	60435	Bi-212	0.869	0.107	0.0739	2.15	1.00 - 5.00
6-00284	60435	Bi-214	0.914	0.0252	0.0428	1.59	1.00 - 5.00
6-00284	60435	C-14	-0.0869 U	0.728	0.216	2.96	1.00 - 5.00
6-00284	60435	Cd-113m	5.7 U	109	35.6	3030	1.00 - 5.00
6-00284	60435	Cm-243/244	0.0045 UJ	0.0221	0.0055	0.0443	1.00 - 5.00
6-00284	60435	Co-60	0.0036 U	0.0144	0.0043	0.028	1.00 - 5.00
6-00284	60435	Cs-134	0.0052 U	0.0123	0.0043	0.0864	1.00 - 5.00
6-00284	60435	Cs-137	0.0022 U	0.0138	0.0047	0.207	1.00 - 5.00
6-00284	60435	Eu-152	-0.0135 U	0.0397	0.0156	0.0566	1.00 - 5.00
6-00284	60435	Eu-154	-0.0134 U	0.0852	0.0254	0.15	1.00 - 5.00
6-00284	60435	Eu-155	0.0347 JS	0.0578	0.0187	0.231	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00284	60435	H-3	-3.34 U	9.52	2.77	11.9	1.00 - 5.00
6-00284	60435	Ho-166m	0.0026 U	0.0234	0.007	0.0432	1.00 - 5.00
6-00284	60435	K-40	20.4	0.111	1.21	32.4	1.00 - 5.00
6-00284	60435	Na-22	-0.0085 U	0.017	0.0056	0.037	1.00 - 5.00
6-00284	60435	Nb-94	0.0001 U	0.0126	0.0038	0.0214	1.00 - 5.00
6-00284	60435	Ni-59	0.489 UJ	4.2	1.15	5.96	1.00 - 5.00
6-00284	60435	Ni-63	0.0105 U	1.01	0.302	4.92	1.00 - 5.00
6-00284	60435	Np-236	0.0052 U	0.0312	0.0092	0.047	1.00 - 5.00
6-00284	60435	Np-239	0.0493 U	0.111	0.0352	0.139	1.00 - 5.00
6-00284	60435	Pa-231	-0.339 U	0.669	0.222	0.936	1.00 - 5.00
6-00284	60435	Pb-212	1.3	0.0275	0.0794	2.69	1.00 - 5.00
6-00284	60435	Pb-214	0.996	0.0284	0.0485	1.7	1.00 - 5.00
6-00284	60435	Pu-238	-0.0044 U	0.0233	0.0041	0.0415	1.00 - 5.00
6-00284	60435	Pu-239/240	-0.0004 U	0.021	0.0044	0.0404	1.00 - 5.00
6-00284	60435	Pu-244	0.007	0.0063	0.004	0.0313	1.00 - 5.00
6-00284	60435	Sb-125	0.0016 U	0.0369	0.0108	0.354	1.00 - 5.00
6-00284	60435	Sn-126	-0.0002 U	0.0145	0.0043	0.0237	1.00 - 5.00
6-00284	60435	Sr-90	-0.016 U	0.102	0.0251	0.485	1.00 - 5.00
6-00284	60435	Tc-99	-0.0375 U	1.2	0.35	1.63	1.00 - 5.00
6-00284	60435	Th-228	1.08	0.174	0.124	3.98	1.00 - 5.00
6-00284	60435	Th-229	0.0724	0.0747	0.0294	0.145	1.00 - 5.00
6-00284	60435	Th-230	0.755	0.0218	0.0908	2.2	1.00 - 5.00
6-00284	60435	Th-232	0.96	0.0217	0.106	3.1	1.00 - 5.00
6-00284	60435	Th-234	1.25	0.241	0.119	3.19	1.00 - 5.00
6-00284	60435	Tl-208	0.412	0.0141	0.0229	0.937	1.00 - 5.00
6-00284	60435	Tm-171	-12.2 UJ	9.59	4.5	72.4	1.00 - 5.00
6-00284	60435	U-233/234	0.852	0.0761	0.105	2.02	1.00 - 5.00
6-00284	60435	U-235/236	0.0682	0.0597	0.0279	0.151	1.00 - 5.00
6-00284	60435	U-238	0.736	0.0206	0.0935	1.8	1.00 - 5.00
6-00285	60436	Ac-227	-0.14 UJ	0.186	0.0657	0.217	0.00 - 0.50
6-00285	60436	Ac-228	1.07	0.0949	0.0526	2.4	0.00 - 0.50
6-00285	60436	Am-241	0	0.005	0.0018	0.0454	0.00 - 0.50
6-00285	60436	Bi-212	0.782	0.125	0.0705	2.15	0.00 - 0.50
6-00285	60436	Bi-214	1.01	0.0298	0.0469	1.59	0.00 - 0.50
6-00285	60436	C-14	0.136 U	0.713	0.214	2.96	0.00 - 0.50
6-00285	60436	Cd-113m	-49.8 U	129	41.9	3030	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00285	60436	Cm-243/244	0.006	0.0117	0.0039	0.0443	0.00 - 0.50
6-00285	60436	Co-60	-0.0018 U	0.0186	0.0054	0.028	0.00 - 0.50
6-00285	60436	Cs-134	0.006 U	0.0142	0.0049	0.0864	0.00 - 0.50
6-00285	60436	Cs-137	0.0073 U	0.0166	0.0058	0.207	0.00 - 0.50
6-00285	60436	Eu-152	-0.0242 U	0.0451	0.017	0.0566	0.00 - 0.50
6-00285	60436	Eu-154	-0.0139 U	0.0989	0.0295	0.15	0.00 - 0.50
6-00285	60436	Eu-155	0.0981 JS	0.068	0.0288	0.231	0.00 - 0.50
6-00285	60436	H-3	-2.94 U	9.83	2.87	11.9	0.00 - 0.50
6-00285	60436	Ho-166m	-0.003 U	0.0257	0.0078	0.0432	0.00 - 0.50
6-00285	60436	K-40	22.4	0.128	1.41	32.4	0.00 - 0.50
6-00285	60436	Na-22	-0.0052 U	0.0208	0.007	0.037	0.00 - 0.50
6-00285	60436	Nb-94	0.0053 U	0.0154	0.0047	0.0214	0.00 - 0.50
6-00285	60436	Ni-59	0.218 UJ	4.3	1.19	5.96	0.00 - 0.50
6-00285	60436	Ni-63	0.134 U	1.03	0.311	4.92	0.00 - 0.50
6-00285	60436	Np-236	0.008 U	0.0375	0.0116	0.047	0.00 - 0.50
6-00285	60436	Np-239	-0.0761 U	0.126	0.042	0.139	0.00 - 0.50
6-00285	60436	Pa-231	0.0484 U	0.794	0.256	0.936	0.00 - 0.50
6-00285	60436	Pb-212	1.31	0.0319	0.0797	2.69	0.00 - 0.50
6-00285	60436	Pb-214	1.12	0.0329	0.0535	1.7	0.00 - 0.50
6-00285	60436	Pu-238	0.0022	0.006	0.0022	0.0415	0.00 - 0.50
6-00285	60436	Pu-239/240	0.0035 U	0.0175	0.0045	0.0404	0.00 - 0.50
6-00285	60436	Pu-244	0.0045	0.006	0.0032	0.0313	0.00 - 0.50
6-00285	60436	Sb-125	-0.0091 U	0.0433	0.0129	0.354	0.00 - 0.50
6-00285	60436	Sn-126	-0.0065 U	0.0165	0.0053	0.0237	0.00 - 0.50
6-00285	60436	Sr-90	0.35	0.162	0.0713	0.485	0.00 - 0.50
6-00285	60436	Tc-99	-0.28 U	1.25	0.361	1.63	0.00 - 0.50
6-00285	60436	Th-228	1.2	0.0977	0.125	3.98	0.00 - 0.50
6-00285	60436	Th-229	0.0321	0.0218	0.0162	0.145	0.00 - 0.50
6-00285	60436	Th-230	0.985	0.0217	0.107	2.2	0.00 - 0.50
6-00285	60436	Th-232	1.13	0.0588	0.117	3.1	0.00 - 0.50
6-00285	60436	Th-234	1.29 J	0.302	0.155	3.19	0.00 - 0.50
6-00285	60436	Tl-208	0.383	0.0155	0.0228	0.937	0.00 - 0.50
6-00285	60436	Tm-171	-0.9 U	15	5.01	72.4	0.00 - 0.50
6-00285	60436	U-233/234	0.858	0.0439	0.0874	2.02	0.00 - 0.50
6-00285	60436	U-235/236	0.0517	0.0427	0.0191	0.151	0.00 - 0.50
6-00285	60436	U-238	0.872	0.0439	0.0884	1.8	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00285	60437	Ac-227	0.0029 U	0.151	0.0442	0.217	1.00 - 5.00
6-00285	60437	Ac-228	1.07	0.0734	0.05	2.4	1.00 - 5.00
6-00285	60437	Am-241	0.0053 U	0.0162	0.0046	0.0454	1.00 - 5.00
6-00285	60437	Bi-212	0.644	0.1	0.0643	2.15	1.00 - 5.00
6-00285	60437	Bi-214	0.81	0.0217	0.038	1.59	1.00 - 5.00
6-00285	60437	C-14	-0.0817 U	0.667	0.198	2.96	1.00 - 5.00
6-00285	60437	Cd-113m	5.06 U	99.6	30.2	3030	1.00 - 5.00
6-00285	60437	Cm-243/244	0.0026 U	0.0131	0.0033	0.0443	1.00 - 5.00
6-00285	60437	Co-60	0.0062 U	0.0144	0.0043	0.028	1.00 - 5.00
6-00285	60437	Cs-134	-0.0019 U	0.0109	0.0039	0.0864	1.00 - 5.00
6-00285	60437	Cs-137	0.0437	0.0145	0.0061	0.207	1.00 - 5.00
6-00285	60437	Eu-152	0.0086 U	0.0369	0.0114	0.0566	1.00 - 5.00
6-00285	60437	Eu-154	-0.0315 U	0.079	0.0251	0.15	1.00 - 5.00
6-00285	60437	Eu-155	0.0655 JS	0.0509	0.0195	0.231	1.00 - 5.00
6-00285	60437	H-3	-0.298 U	9.48	2.81	11.9	1.00 - 5.00
6-00285	60437	Ho-166m	0.0046 U	0.0207	0.006	0.0432	1.00 - 5.00
6-00285	60437	K-40	19.9	0.104	1.12	32.4	1.00 - 5.00
6-00285	60437	Na-22	-0.0021 U	0.0162	0.005	0.037	1.00 - 5.00
6-00285	60437	Nb-94	0.0002 U	0.0117	0.0034	0.0214	1.00 - 5.00
6-00285	60437	Ni-59	0.868 UJ	4.49	1.23	5.96	1.00 - 5.00
6-00285	60437	Ni-63	-0.157 U	1.08	0.323	4.92	1.00 - 5.00
6-00285	60437	Np-236	-0.0056 U	0.0284	0.0088	0.047	1.00 - 5.00
6-00285	60437	Np-239	0.0219 U	0.101	0.0298	0.139	1.00 - 5.00
6-00285	60437	Pa-231	-0.042 U	0.609	0.18	0.936	1.00 - 5.00
6-00285	60437	Pb-212	1.15	0.0258	0.0694	2.69	1.00 - 5.00
6-00285	60437	Pb-214	0.882	0.0262	0.0429	1.7	1.00 - 5.00
6-00285	60437	Pu-238	0.002	0.0055	0.002	0.0415	1.00 - 5.00
6-00285	60437	Pu-239/240	0	0.0055	0.002	0.0404	1.00 - 5.00
6-00285	60437	Pu-244	0.002	0.0055	0.002	0.0313	1.00 - 5.00
6-00285	60437	Sb-125	0.0038 U	0.0346	0.0103	0.354	1.00 - 5.00
6-00285	60437	Sn-126	-0.0024 U	0.0135	0.004	0.0237	1.00 - 5.00
6-00285	60437	Sr-90	-0.0279 U	0.117	0.0282	0.485	1.00 - 5.00
6-00285	60437	Tc-99	0.0336 U	1.23	0.361	1.63	1.00 - 5.00
6-00285	60437	Th-228	1.13	0.109	0.119	3.98	1.00 - 5.00
6-00285	60437	Th-229	0.0229 U	0.0708	0.0202	0.145	1.00 - 5.00
6-00285	60437	Th-230	0.866	0.0206	0.0964	2.2	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00285	60437	Th-232	1.13	0.0205	0.115	3.1	1.00 - 5.00
6-00285	60437	Th-234	1.22	0.21	0.119	3.19	1.00 - 5.00
6-00285	60437	Tl-208	0.35	0.0136	0.0201	0.937	1.00 - 5.00
6-00285	60437	Tm-171	-1.61 U	8.47	2.88	72.4	1.00 - 5.00
6-00285	60437	U-233/234	1.03	0.0323	0.104	2.02	1.00 - 5.00
6-00285	60437	U-235/236	0.0582	0.0399	0.0208	0.151	1.00 - 5.00
6-00285	60437	U-238	1.01	0.0323	0.102	1.8	1.00 - 5.00
6-00286	60438	Ac-227	0.0478 U	0.168	0.0505	0.217	0.00 - 0.50
6-00286	60438	Ac-228	1.22	0.08	0.0571	2.4	0.00 - 0.50
6-00286	60438	Am-241	0.0038 U	0.0117	0.0034	0.0454	0.00 - 0.50
6-00286	60438	Bi-212	0.791	0.108	0.0682	2.15	0.00 - 0.50
6-00286	60438	Bi-214	0.952	0.025	0.0441	1.59	0.00 - 0.50
6-00286	60438	C-14	-0.446 U	0.796	0.232	2.96	0.00 - 0.50
6-00286	60438	Cd-113m	-50.5 U	110	36	3030	0.00 - 0.50
6-00286	60438	Cm-243/244	0.0038 U	0.0153	0.0042	0.0443	0.00 - 0.50
6-00286	60438	Co-60	-0.0016 U	0.0148	0.0044	0.028	0.00 - 0.50
6-00286	60438	Cs-134	0.001 U	0.0128	0.0043	0.0864	0.00 - 0.50
6-00286	60438	Cs-137	1.09	0.0145	0.0602	0.207	0.00 - 0.50
6-00286	60438	Eu-152	-0.0153 U	0.0417	0.0141	0.0566	0.00 - 0.50
6-00286	60438	Eu-154	-0.0482 UJ	0.0799	0.0273	0.15	0.00 - 0.50
6-00286	60438	Eu-155	0.0512 SJ	0.0571	0.0197	0.231	0.00 - 0.50
6-00286	60438	H-3	0.272 U	7.79	2.31	11.9	0.00 - 0.50
6-00286	60438	Ho-166m	0.0032 U	0.0219	0.0065	0.0432	0.00 - 0.50
6-00286	60438	K-40	23.6	0.103	1.44	32.4	0.00 - 0.50
6-00286	60438	Na-22	-0.0063 U	0.0174	0.0054	0.037	0.00 - 0.50
6-00286	60438	Nb-94	0.0077 SJ	0.0128	0.0041	0.0214	0.00 - 0.50
6-00286	60438	Ni-59	-0.617 UJ	1.36	0.471	5.96	0.00 - 0.50
6-00286	60438	Ni-63	0.866	1.3	0.406	4.92	0.00 - 0.50
6-00286	60438	Np-236	-0.0036 U	0.0307	0.0094	0.047	0.00 - 0.50
6-00286	60438	Np-239	0.0288 U	0.111	0.0329	0.139	0.00 - 0.50
6-00286	60438	Pa-231	-0.416 U	0.673	0.225	0.936	0.00 - 0.50
6-00286	60438	Pb-212	1.46	0.0287	0.0911	2.69	0.00 - 0.50
6-00286	60438	Pb-214	1.13	0.0294	0.054	1.7	0.00 - 0.50
6-00286	60438	Pu-236	0 U	0.03	0.0076	7.79	0.00 - 0.50
6-00286	60438	Pu-238	0.0017 U	0.0332	0.0089	0.0415	0.00 - 0.50
6-00286	60438	Pu-239/240	0.0068	0.0046	0.0034	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00286	60438	Pu-244	0.0017	0.0046	0.0017	0.0313	0.00 - 0.50
6-00286	60438	Sb-125	-0.0002 U	0.0401	0.0121	0.354	0.00 - 0.50
6-00286	60438	Sn-126	-0.0063 U	0.0137	0.0044	0.0237	0.00 - 0.50
6-00286	60438	Sr-90	0.115	0.155	0.0505	0.485	0.00 - 0.50
6-00286	60438	Tc-99	-0.11 U	1.3	0.378	1.63	0.00 - 0.50
6-00286	60438	Th-228	1.22	0.0719	0.133	3.98	0.00 - 0.50
6-00286	60438	Th-229	0.0273	0.067	0.0204	0.145	0.00 - 0.50
6-00286	60438	Th-230	0.962	0.0843	0.112	2.2	0.00 - 0.50
6-00286	60438	Th-232	1.19	0.0245	0.126	3.1	0.00 - 0.50
6-00286	60438	Th-234	1.77 J	0.249	0.178	3.19	0.00 - 0.50
6-00286	60438	Tl-208	0.423	0.0143	0.024	0.937	0.00 - 0.50
6-00286	60438	Tm-171	-3.16 U	14.3	4.82	72.4	0.00 - 0.50
6-00286	60438	U-233/234	0.787	0.0458	0.0967	2.02	0.00 - 0.50
6-00286	60438	U-235/236	0.0647	0.0566	0.0264	0.151	0.00 - 0.50
6-00286	60438	U-238	0.829	0.0458	0.1	1.8	0.00 - 0.50
6-00286	60439	Ac-227	0.0018 U	0.179	0.0548	0.217	1.00 - 2.60
6-00286	60439	Ac-228	1.25	0.0779	0.0614	2.4	1.00 - 2.60
6-00286	60439	Am-241	-0.0027 U	0.0178	0.0032	0.0454	1.00 - 2.60
6-00286	60439	Bi-212	0.747	0.112	0.0669	2.15	1.00 - 2.60
6-00286	60439	Bi-214	0.8	0.026	0.0387	1.59	1.00 - 2.60
6-00286	60439	C-14	0.0729 U	0.988	0.293	2.96	1.00 - 2.60
6-00286	60439	Cd-113m	-61.7 U	118	39.7	3030	1.00 - 2.60
6-00286	60439	Cm-243/244	0.0079	0.0179	0.0056	0.0443	1.00 - 2.60
6-00286	60439	Co-60	-0.012 UJ	0.0133	0.0051	0.028	1.00 - 2.60
6-00286	60439	Cs-134	0.0011 U	0.0124	0.0043	0.0864	1.00 - 2.60
6-00286	60439	Cs-137	0.0301	0.0167	0.0071	0.207	1.00 - 2.60
6-00286	60439	Eu-152	0.0051 U	0.0431	0.0165	0.0566	1.00 - 2.60
6-00286	60439	Eu-154	-0.0088 U	0.0804	0.0236	0.15	1.00 - 2.60
6-00286	60439	Eu-155	0.054 SJ	0.0662	0.0246	0.231	1.00 - 2.60
6-00286	60439	H-3	3.93	7.57	2.33	11.9	1.00 - 2.60
6-00286	60439	Ho-166m	-0.001 U	0.0222	0.0067	0.0432	1.00 - 2.60
6-00286	60439	K-40	18.8	0.121	1.16	32.4	1.00 - 2.60
6-00286	60439	Na-22	0.0025 U	0.0166	0.0057	0.037	1.00 - 2.60
6-00286	60439	Nb-94	0.0082 SJ	0.0134	0.0043	0.0214	1.00 - 2.60
6-00286	60439	Ni-59	-0.337 UJ	3.42	0.946	5.96	1.00 - 2.60
6-00286	60439	Ni-63	0.0918 U	1.29	0.385	4.92	1.00 - 2.60

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00286	60439	Np-236	-0.014 U	0.0353	0.012	0.047	1.00 - 2.60
6-00286	60439	Np-239	0.0305 U	0.121	0.0374	0.139	1.00 - 2.60
6-00286	60439	Pa-231	-0.503 U	0.718	0.256	0.936	1.00 - 2.60
6-00286	60439	Pb-212	1.34	0.0304	0.0833	2.69	1.00 - 2.60
6-00286	60439	Pb-214	0.956	0.0307	0.0468	1.7	1.00 - 2.60
6-00286	60439	Pu-236	0.0122	0.0269	0.0084	7.79	1.00 - 2.60
6-00286	60439	Pu-238	0.0042 UJ	0.0211	0.0053	0.0415	1.00 - 2.60
6-00286	60439	Pu-239/240	-0.0005 UJ	0.0299	0.0062	0.0404	1.00 - 2.60
6-00286	60439	Pu-244	-0.0038 UJ	0.0299	0.0053	0.0313	1.00 - 2.60
6-00286	60439	Sb-125	0.0006 U	0.0395	0.0116	0.354	1.00 - 2.60
6-00286	60439	Sn-126	-0.0003 U	0.0143	0.0043	0.0237	1.00 - 2.60
6-00286	60439	Sr-90	-0.119 U	0.28	0.0624	0.485	1.00 - 2.60
6-00286	60439	Tc-99	-0.0999 U	0.82	0.229	1.63	1.00 - 2.60
6-00286	60439	Th-228	1.28	0.0584	0.127	3.98	1.00 - 2.60
6-00286	60439	Th-229	0.0453	0.0556	0.0215	0.145	1.00 - 2.60
6-00286	60439	Th-230	0.973	0.0555	0.104	2.2	1.00 - 2.60
6-00286	60439	Th-232	1.19	0.0698	0.119	3.1	1.00 - 2.60
6-00286	60439	Th-234	1.34 J	0.275	0.147	3.19	1.00 - 2.60
6-00286	60439	Tl-208	0.407	0.0146	0.0227	0.937	1.00 - 2.60
6-00286	60439	Tm-171	-8.46 U	13.6	5.04	72.4	1.00 - 2.60
6-00286	60439	U-233/234	1.33	0.0688	0.136	2.02	1.00 - 2.60
6-00286	60439	U-235/236	0.059	0.0616	0.0251	0.151	1.00 - 2.60
6-00286	60439	U-238	1.03	0.0171	0.111	1.8	1.00 - 2.60
6-00287	60440	Ac-227	-0.0314 U	0.236	0.0703	0.217	0.00 - 0.50
6-00287	60440	Ac-228	1.08	0.138	0.0577	2.4	0.00 - 0.50
6-00287	60440	Am-241	0.016 UJ	0.0399	0.0119	0.0454	0.00 - 0.50
6-00287	60440	Bi-212	0.915 J	0.18	0.11	2.15	0.00 - 0.50
6-00287	60440	Bi-214	0.821	0.0412	0.0445	1.59	0.00 - 0.50
6-00287	60440	C-14	0.338 U	0.861	0.261	2.96	0.00 - 0.50
6-00287	60440	Cd-113m	7.03 U	157	46.3	3030	0.00 - 0.50
6-00287	60440	Cm-243/244	-0.0055 UJ	0.0377	0.0074	0.0443	0.00 - 0.50
6-00287	60440	Co-60	-0.0162 UJ	0.0217	0.0078	0.028	0.00 - 0.50
6-00287	60440	Cs-134	0.0015 U	0.0214	0.0071	0.0864	0.00 - 0.50
6-00287	60440	Cs-137	0.882	0.0224	0.0533	0.207	0.00 - 0.50
6-00287	60440	Eu-152	0.0077 U	0.0603	0.0204	0.0566	0.00 - 0.50
6-00287	60440	Eu-154	-0.0881 UJ	0.122	0.044	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00287	60440	Eu-155	0.0727 JS	0.0784	0.029	0.231	0.00 - 0.50
6-00287	60440	H-3	3.66	7.82	2.38	11.9	0.00 - 0.50
6-00287	60440	Ho-166m	0.0003 UJ	0.0354	0.0103	0.0432	0.00 - 0.50
6-00287	60440	K-40	19	0.175	1.1	32.4	0.00 - 0.50
6-00287	60440	Na-22	-0.0126 U	0.0277	0.0089	0.037	0.00 - 0.50
6-00287	60440	Nb-94	0.0011 U	0.0201	0.0059	0.0214	0.00 - 0.50
6-00287	60440	Ni-59	0.611 U	6.32	1.59	5.96	0.00 - 0.50
6-00287	60440	Ni-63	0.735	1.31	0.407	4.92	0.00 - 0.50
6-00287	60440	Np-236	-0.0189 U	0.0406	0.0134	0.047	0.00 - 0.50
6-00287	60440	Np-239	-0.0095 U	0.153	0.0451	0.139	0.00 - 0.50
6-00287	60440	Pa-231	0.246 U	0.991	0.318	0.936	0.00 - 0.50
6-00287	60440	Pb-212	1.3	0.0419	0.0777	2.69	0.00 - 0.50
6-00287	60440	Pb-214	0.929	0.0442	0.0473	1.7	0.00 - 0.50
6-00287	60440	Pu-236	0.0083 U	0.0265	0.0075	7.79	0.00 - 0.50
6-00287	60440	Pu-238	0.0007 U	0.0358	0.0087	0.0415	0.00 - 0.50
6-00287	60440	Pu-239/240	0.005 U	0.0247	0.0064	0.0404	0.00 - 0.50
6-00287	60440	Pu-244	0.0035 U	0.0174	0.0043	0.0313	0.00 - 0.50
6-00287	60440	Sb-125	0.0384 JS	0.0655	0.0212	0.354	0.00 - 0.50
6-00287	60440	Sn-126	-0.0059 U	0.0219	0.0067	0.0237	0.00 - 0.50
6-00287	60440	Sr-90	0.27	0.133	0.0579	0.485	0.00 - 0.50
6-00287	60440	Tc-99	0.498 U	1.12	0.339	1.63	0.00 - 0.50
6-00287	60440	Th-228	1.37	0.0715	0.131	3.98	0.00 - 0.50
6-00287	60440	Th-229	0.0347 U	0.0979	0.0287	0.145	0.00 - 0.50
6-00287	60440	Th-230	0.886	0.0188	0.0936	2.2	0.00 - 0.50
6-00287	60440	Th-232	1.21	0.0508	0.116	3.1	0.00 - 0.50
6-00287	60440	Th-234	1.05 J	0.31	0.145	3.19	0.00 - 0.50
6-00287	60440	Tl-208	0.419	0.0244	0.0271	0.937	0.00 - 0.50
6-00287	60440	Tm-171	-2.8 U	14.3	4.87	72.4	0.00 - 0.50
6-00287	60440	U-233/234	0.792	0.066	0.0901	2.02	0.00 - 0.50
6-00287	60440	U-235/236	0.0508	0.0445	0.0207	0.151	0.00 - 0.50
6-00287	60440	U-238	0.82	0.0567	0.0919	1.8	0.00 - 0.50
6-00288	60442	Ac-227	0.0182 U	0.214	0.0629	0.217	0.00 - 0.50
6-00288	60442	Ac-228	1.17	0.106	0.059	2.4	0.00 - 0.50
6-00288	60442	Am-241	0.0106 UJ	0.0386	0.0109	0.0454	0.00 - 0.50
6-00288	60442	Bi-212	0.926	0.148	0.0797	2.15	0.00 - 0.50
6-00288	60442	Bi-214	0.923	0.0336	0.0466	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00288	60442	C-14	-0.215 U	0.865	0.256	2.96	0.00 - 0.50
6-00288	60442	Cd-113m	-60.3 U	140	44.3	3030	0.00 - 0.50
6-00288	60442	Cm-243/244	0.0066 UJ	0.0359	0.0097	0.0443	0.00 - 0.50
6-00288	60442	Co-60	-0.0021 U	0.0198	0.0059	0.028	0.00 - 0.50
6-00288	60442	Cs-134	0.007 U	0.0182	0.0062	0.0864	0.00 - 0.50
6-00288	60442	Cs-137	1.41	0.0202	0.0764	0.207	0.00 - 0.50
6-00288	60442	Eu-152	-0.0245 U	0.0528	0.0177	0.0566	0.00 - 0.50
6-00288	60442	Eu-154	-0.0518 U	0.105	0.0337	0.15	0.00 - 0.50
6-00288	60442	Eu-155	0.111 JS	0.0721	0.0313	0.231	0.00 - 0.50
6-00288	60442	H-3	1.65 U	9.88	2.74	11.9	0.00 - 0.50
6-00288	60442	Ho-166m	-0.011 UJ	0.0277	0.0088	0.0432	0.00 - 0.50
6-00288	60442	K-40	21.7	0.157	1.33	32.4	0.00 - 0.50
6-00288	60442	Na-22	-0.0106 U	0.0251	0.0081	0.037	0.00 - 0.50
6-00288	60442	Nb-94	0.0033 U	0.017	0.005	0.0214	0.00 - 0.50
6-00288	60442	Ni-59	1.64 U	6.2	1.5	5.96	0.00 - 0.50
6-00288	60442	Ni-63	-0.533 U	1.16	0.335	4.92	0.00 - 0.50
6-00288	60442	Np-236	-0.0111 U	0.0381	0.0118	0.047	0.00 - 0.50
6-00288	60442	Np-239	0.0022 U	0.141	0.0413	0.139	0.00 - 0.50
6-00288	60442	Pa-231	-0.0428 U	0.886	0.262	0.936	0.00 - 0.50
6-00288	60442	Pb-212	1.44	0.037	0.0862	2.69	0.00 - 0.50
6-00288	60442	Pb-214	1.08	0.0397	0.0526	1.7	0.00 - 0.50
6-00288	60442	Pu-236	-0.0128 UJ	0.0523	0.01	7.79	0.00 - 0.50
6-00288	60442	Pu-238	-0.0058 UJ	0.0539	0.0122	0.0415	0.00 - 0.50
6-00288	60442	Pu-239/240	0.009	0.025	0.0074	0.0404	0.00 - 0.50
6-00288	60442	Pu-244	0	0.0106	0.0039	0.0313	0.00 - 0.50
6-00288	60442	Sb-125	0.0148 U	0.0575	0.0176	0.354	0.00 - 0.50
6-00288	60442	Sn-126	-0.0057 U	0.018	0.0056	0.0237	0.00 - 0.50
6-00288	60442	Sr-90	0.255	0.129	0.0579	0.485	0.00 - 0.50
6-00288	60442	Tc-99	0.276 U	1.01	0.303	1.63	0.00 - 0.50
6-00288	60442	Th-228	1.54	0.0222	0.145	3.98	0.00 - 0.50
6-00288	60442	Th-229	0 U	0.0888	0.0209	0.145	0.00 - 0.50
6-00288	60442	Th-230	1.13	0.0794	0.114	2.2	0.00 - 0.50
6-00288	60442	Th-232	1.3	0.0683	0.125	3.1	0.00 - 0.50
6-00288	60442	Th-234	1.52 J	0.311	0.169	3.19	0.00 - 0.50
6-00288	60442	Tl-208	0.447	0.0206	0.0267	0.937	0.00 - 0.50
6-00288	60442	Tm-171	0.875 U	16.3	5.32	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00288	60442	U-233/234	1.07	0.0496	0.11	2.02	0.00 - 0.50
6-00288	60442	U-235/236	0.0396	0.0614	0.0212	0.151	0.00 - 0.50
6-00288	60442	U-238	0.957	0.0433	0.101	1.8	0.00 - 0.50
6-00288	60443	Ac-227	-0.044 U	0.135	0.0433	0.217	1.00 - 2.50
6-00288	60443	Ac-228	1.23	0.0839	0.055	2.4	1.00 - 2.50
6-00288	60443	Am-241	0.0081	0.0188	0.0057	0.0454	1.00 - 2.50
6-00288	60443	Bi-212	1.01	0.115	0.0813	2.15	1.00 - 2.50
6-00288	60443	Bi-214	0.972	0.0249	0.0444	1.59	1.00 - 2.50
6-00288	60443	C-14	-0.0876 U	0.921	0.274	2.96	1.00 - 2.50
6-00288	60443	Cd-113m	-28.3 U	88.4	28.5	3030	1.00 - 2.50
6-00288	60443	Cm-243/244	0.0041 U	0.0245	0.0065	0.0443	1.00 - 2.50
6-00288	60443	Co-60	0.0023 U	0.016	0.0046	0.028	1.00 - 2.50
6-00288	60443	Cs-134	0.0045 U	0.0126	0.0044	0.0864	1.00 - 2.50
6-00288	60443	Cs-137	0.0371	0.0137	0.0058	0.207	1.00 - 2.50
6-00288	60443	Eu-152	-0.0161 U	0.0344	0.0109	0.0566	1.00 - 2.50
6-00288	60443	Eu-154	-0.0744 UJ	0.084	0.0316	0.15	1.00 - 2.50
6-00288	60443	Eu-155	0.0906 JS	0.0391	0.0164	0.231	1.00 - 2.50
6-00288	60443	H-3	1.49 U	7.12	2.06	11.9	1.00 - 2.50
6-00288	60443	Ho-166m	0.0045 U	0.0227	0.0066	0.0432	1.00 - 2.50
6-00288	60443	K-40	20.1	0.124	1.09	32.4	1.00 - 2.50
6-00288	60443	Na-22	-0.0128 UJ	0.018	0.0062	0.037	1.00 - 2.50
6-00288	60443	Nb-94	0.0018 U	0.0129	0.0038	0.0214	1.00 - 2.50
6-00288	60443	Ni-59	0.382 U	2.24	0.617	5.96	1.00 - 2.50
6-00288	60443	Ni-63	-0.088 U	1.42	0.425	4.92	1.00 - 2.50
6-00288	60443	Np-236	-0.0056 U	0.0216	0.0066	0.047	1.00 - 2.50
6-00288	60443	Np-239	-0.0058 U	0.0878	0.0271	0.139	1.00 - 2.50
6-00288	60443	Pa-231	-0.139 U	0.562	0.179	0.936	1.00 - 2.50
6-00288	60443	Pb-212	1.41	0.023	0.0782	2.69	1.00 - 2.50
6-00288	60443	Pb-214	1.04	0.0252	0.0467	1.7	1.00 - 2.50
6-00288	60443	Pu-236	0.0049 U	0.0369	0.0098	7.79	1.00 - 2.50
6-00288	60443	Pu-238	0.0069 U	0.0278	0.0077	0.0415	1.00 - 2.50
6-00288	60443	Pu-239/240	0.0023 U	0.017	0.004	0.0404	1.00 - 2.50
6-00288	60443	Pu-244	-0.0069 U	0.0248	0.0046	0.0313	1.00 - 2.50
6-00288	60443	Sb-125	0.0067 U	0.0353	0.0105	0.354	1.00 - 2.50
6-00288	60443	Sn-126	-0.0011 U	0.0144	0.0042	0.0237	1.00 - 2.50
6-00288	60443	Sr-90	0.0054 U	0.112	0.0304	0.485	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00288	60443	Tc-99	-0.453 U	1.17	0.341	1.63	1.00 - 2.50
6-00288	60443	Th-228	1.36	0.0699	0.129	3.98	1.00 - 2.50
6-00288	60443	Th-229	0 U	0.0913	0.022	0.145	1.00 - 2.50
6-00288	60443	Th-230	0.986	0.0511	0.101	2.2	1.00 - 2.50
6-00288	60443	Th-232	1.18	0.0188	0.113	3.1	1.00 - 2.50
6-00288	60443	Th-234	1.36 J	0.159	0.0991	3.19	1.00 - 2.50
6-00288	60443	Tl-208	0.477	0.014	0.0265	0.937	1.00 - 2.50
6-00288	60443	Tm-171	-0.717 U	5.08	1.64	72.4	1.00 - 2.50
6-00288	60443	U-233/234	0.874	0.0631	0.0999	2.02	1.00 - 2.50
6-00288	60443	U-235/236	0.0622	0.0211	0.0225	0.151	1.00 - 2.50
6-00288	60443	U-238	1.03	0.0401	0.112	1.8	1.00 - 2.50
6-00289	60444	Ac-227	-0.0874 U	0.133	0.0512	0.217	0.00 - 0.50
6-00289	60444	Ac-228	0.682	0.0679	0.0364	2.4	0.00 - 0.50
6-00289	60444	Am-241	0.0094	0.0037	0.0036	0.0454	0.00 - 0.50
6-00289	60444	Bi-212	0.504 J	0.0888	0.0524	2.15	0.00 - 0.50
6-00289	60444	Bi-214	0.689	0.0188	0.0317	1.59	0.00 - 0.50
6-00289	60444	C-14	-0.209 U	0.779	0.23	2.96	0.00 - 0.50
6-00289	60444	Cd-113m	-7.34 U	88.1	35.1	3030	0.00 - 0.50
6-00289	60444	Cm-243/244	-0.0054 U	0.0163	0.003	0.0443	0.00 - 0.50
6-00289	60444	Co-60	-0.0008 U	0.0125	0.0037	0.028	0.00 - 0.50
6-00289	60444	Cs-134	-0.0025 U	0.0096	0.0034	0.0864	0.00 - 0.50
6-00289	60444	Cs-137	-0.0008 U	0.0114	0.0034	0.207	0.00 - 0.50
6-00289	60444	Eu-152	0.0046 U	0.0314	0.0139	0.0566	0.00 - 0.50
6-00289	60444	Eu-154	0.0305 U	0.0698	0.0217	0.15	0.00 - 0.50
6-00289	60444	Eu-155	0.0173 U	0.0488	0.0156	0.231	0.00 - 0.50
6-00289	60444	H-3	1.11 U	5.07	1.47	11.9	0.00 - 0.50
6-00289	60444	Ho-166m	-0.0026 U	0.0168	0.005	0.0432	0.00 - 0.50
6-00289	60444	K-40	23.5	0.0797	1.53	32.4	0.00 - 0.50
6-00289	60444	Na-22	-0.0089 U	0.015	0.005	0.037	0.00 - 0.50
6-00289	60444	Nb-94	0.0024 U	0.0097	0.0029	0.0214	0.00 - 0.50
6-00289	60444	Ni-59	-0.892 U	1.28	0.499	5.96	0.00 - 0.50
6-00289	60444	Ni-63	-0.506 U	1.23	0.363	4.92	0.00 - 0.50
6-00289	60444	Np-236	-0.0004 U	0.026	0.0076	0.047	0.00 - 0.50
6-00289	60444	Np-239	0.0035 U	0.0892	0.0266	0.139	0.00 - 0.50
6-00289	60444	Pa-231	0.0509 U	0.559	0.194	0.936	0.00 - 0.50
6-00289	60444	Pb-212	0.824	0.0234	0.0551	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00289	60444	Pb-214	0.781	0.022	0.0392	1.7	0.00 - 0.50
6-00289	60444	Pu-236	0.0067 U	0.0403	0.0111	7.79	0.00 - 0.50
6-00289	60444	Pu-238	-0.0021 U	0.0275	0.0063	0.0415	0.00 - 0.50
6-00289	60444	Pu-239/240	-0.0021 U	0.0225	0.0047	0.0404	0.00 - 0.50
6-00289	60444	Pu-244	0 U	0.0154	0.003	0.0313	0.00 - 0.50
6-00289	60444	Sb-125	0.0066 U	0.0302	0.0092	0.354	0.00 - 0.50
6-00289	60444	Sn-126	-0.0011 U	0.0108	0.0032	0.0237	0.00 - 0.50
6-00289	60444	Sr-90	0.0134 U	0.487	0.129	0.485	0.00 - 0.50
6-00289	60444	Tc-99	-0.482 U	1.05	0.296	1.63	0.00 - 0.50
6-00289	60444	Th-228	0.713	0.104	0.0898	3.98	0.00 - 0.50
6-00289	60444	Th-229	-0.0147 U	0.0961	0.0207	0.145	0.00 - 0.50
6-00289	60444	Th-230	0.68	0.0879	0.0837	2.2	0.00 - 0.50
6-00289	60444	Th-232	0.612	0.0198	0.076	3.1	0.00 - 0.50
6-00289	60444	Th-234	0.955 J	0.206	0.111	3.19	0.00 - 0.50
6-00289	60444	Tl-208	0.26	0.0109	0.0154	0.937	0.00 - 0.50
6-00289	60444	Tm-171	-4.61 UJ	10.5	3.9	72.4	0.00 - 0.50
6-00289	60444	U-233/234	0.643	0.0274	0.0603	2.02	0.00 - 0.50
6-00289	60444	U-235/236	0.0346	0.0232	0.0116	0.151	0.00 - 0.50
6-00289	60444	U-238	0.764	0.0187	0.0687	1.8	0.00 - 0.50
6-00289	60445	Ac-227	0.0034 U	0.166	0.0483	0.217	1.00 - 4.50
6-00289	60445	Ac-228	1.26	0.0739	0.0601	2.4	1.00 - 4.50
6-00289	60445	Am-241	0.0069	0.0153	0.0048	0.0454	1.00 - 4.50
6-00289	60445	Bi-212	0.926	0.117	0.0742	2.15	1.00 - 4.50
6-00289	60445	Bi-214	0.937	0.0249	0.0441	1.59	1.00 - 4.50
6-00289	60445	C-14	-0.0974 U	0.868	0.259	2.96	1.00 - 4.50
6-00289	60445	Cd-113m	-50.5 U	108	34	3030	1.00 - 4.50
6-00289	60445	Cm-243/244	0.0005 U	0.0125	0.0024	0.0443	1.00 - 4.50
6-00289	60445	Co-60	-0.001 U	0.0152	0.0045	0.028	1.00 - 4.50
6-00289	60445	Cs-134	0.0107 JS	0.0128	0.0049	0.0864	1.00 - 4.50
6-00289	60445	Cs-137	0.0141	0.0155	0.0051	0.207	1.00 - 4.50
6-00289	60445	Eu-152	0.0219 J	0.0395	0.0132	0.0566	1.00 - 4.50
6-00289	60445	Eu-154	-0.0476 U	0.0785	0.0265	0.15	1.00 - 4.50
6-00289	60445	Eu-155	0.0785 JS	0.0586	0.0229	0.231	1.00 - 4.50
6-00289	60445	H-3	1.42 U	7.12	2.03	11.9	1.00 - 4.50
6-00289	60445	Ho-166m	-0.0016 U	0.0223	0.0068	0.0432	1.00 - 4.50
6-00289	60445	K-40	20.4	0.102	1.14	32.4	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00289	60445	Na-22	0.0029 U	0.018	0.0061	0.037	1.00 - 4.50
6-00289	60445	Nb-94	0.0087 JS	0.0132	0.0044	0.0214	1.00 - 4.50
6-00289	60445	Ni-59	-1.34 U	5.03	1.49	5.96	1.00 - 4.50
6-00289	60445	Ni-63	0.328 U	1.21	0.363	4.92	1.00 - 4.50
6-00289	60445	Np-236	-0.0109 U	0.0317	0.0112	0.047	1.00 - 4.50
6-00289	60445	Np-239	0.0321 U	0.109	0.0345	0.139	1.00 - 4.50
6-00289	60445	Pa-231	0.104 U	0.696	0.204	0.936	1.00 - 4.50
6-00289	60445	Pb-212	1.42	0.0301	0.0833	2.69	1.00 - 4.50
6-00289	60445	Pb-214	1.06	0.0284	0.0489	1.7	1.00 - 4.50
6-00289	60445	Pu-236	0.0004 UJ	0.0326	0.0073	7.79	1.00 - 4.50
6-00289	60445	Pu-238	-0.0023 UJ	0.04	0.0093	0.0415	1.00 - 4.50
6-00289	60445	Pu-239/240	0.0061	0.0083	0.0043	0.0404	1.00 - 4.50
6-00289	60445	Pu-244	0	0.0083	0.0031	0.0313	1.00 - 4.50
6-00289	60445	Sb-125	-0.0237 U	0.0378	0.0128	0.354	1.00 - 4.50
6-00289	60445	Sn-126	-0.004 U	0.0137	0.0043	0.0237	1.00 - 4.50
6-00289	60445	Sr-90	0.0528 U	0.156	0.0459	0.485	1.00 - 4.50
6-00289	60445	Tc-99	-0.313 U	1.21	0.357	1.63	1.00 - 4.50
6-00289	60445	Th-228	1.55	0.054	0.139	3.98	1.00 - 4.50
6-00289	60445	Th-229	0.0067 U	0.0723	0.0178	0.145	1.00 - 4.50
6-00289	60445	Th-230	0.831	0.0622	0.0896	2.2	1.00 - 4.50
6-00289	60445	Th-232	1.23	0.0492	0.115	3.1	1.00 - 4.50
6-00289	60445	Th-234	1.55	0.25	0.155	3.19	1.00 - 4.50
6-00289	60445	Tl-208	0.448	0.0143	0.0251	0.937	1.00 - 4.50
6-00289	60445	Tm-171	-0.358 U	11.2	3.71	72.4	1.00 - 4.50
6-00289	60445	U-233/234	0.993	0.0801	0.119	2.02	1.00 - 4.50
6-00289	60445	U-235/236	0.0774	0.0893	0.0341	0.151	1.00 - 4.50
6-00289	60445	U-238	0.787	0.063	0.101	1.8	1.00 - 4.50
6-00290	60446	Ac-227	-0.191 U	0.338	0.112	0.217	0.00 - 0.50
6-00290	60446	Ac-228	1.13	0.0806	0.057	2.4	0.00 - 0.50
6-00290	60446	Am-241	0.0101	0.0174	0.0059	0.0454	0.00 - 0.50
6-00290	60446	Bi-212	0.795	0.114	0.0636	2.15	0.00 - 0.50
6-00290	60446	Bi-214	0.918	0.0447	0.0438	1.59	0.00 - 0.50
6-00290	60446	C-14	0.225 U	0.653	0.197	2.96	0.00 - 0.50
6-00290	60446	Cd-113m	-27.3 U	232	70.1	3030	0.00 - 0.50
6-00290	60446	Cm-243/244	0.0029 U	0.0142	0.0035	0.0443	0.00 - 0.50
6-00290	60446	Co-60	0.048	0.0149	0.0061	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00290	60446	Cs-134	0.0045 U	0.023	0.008	0.0864	0.00 - 0.50
6-00290	60446	Cs-137	24.3	0.0217	1.27	0.207	0.00 - 0.50
6-00290	60446	Eu-152	-0.0414 U	0.0918	0.0309	0.0566	0.00 - 0.50
6-00290	60446	Eu-154	0.0071 U	0.0799	0.0271	0.15	0.00 - 0.50
6-00290	60446	Eu-155	0.0397 U	0.102	0.0328	0.231	0.00 - 0.50
6-00290	60446	H-3	0.275 U	7.31	2.02	11.9	0.00 - 0.50
6-00290	60446	Ho-166m	0.0062 U	0.0213	0.0065	0.0432	0.00 - 0.50
6-00290	60446	K-40	21.9	0.0951	1.34	32.4	0.00 - 0.50
6-00290	60446	Na-22	-0.0141 UJ	0.0178	0.0065	0.037	0.00 - 0.50
6-00290	60446	Nb-94	0.0093 SJ	0.0126	0.0043	0.0214	0.00 - 0.50
6-00290	60446	Ni-59	-1.53 U	5.75	1.63	5.96	0.00 - 0.50
6-00290	60446	Ni-63	0.523 U	1.18	0.36	4.92	0.00 - 0.50
6-00290	60446	Np-236	-0.0305 U	0.0539	0.0183	0.047	0.00 - 0.50
6-00290	60446	Np-239	-0.115 U	0.216	0.0704	0.139	0.00 - 0.50
6-00290	60446	Pa-231	0.0716 U	1.45	0.438	0.936	0.00 - 0.50
6-00290	60446	Pb-212	1.35	0.0588	0.088	2.69	0.00 - 0.50
6-00290	60446	Pb-214	0.996	0.0676	0.0529	1.7	0.00 - 0.50
6-00290	60446	Pu-236	-0.0131 UJ	0.0455	0.0086	7.79	0.00 - 0.50
6-00290	60446	Pu-238	-0.0081 UJ	0.0446	0.0096	0.0415	0.00 - 0.50
6-00290	60446	Pu-239/240	0.0515	0.0294	0.0147	0.0404	0.00 - 0.50
6-00290	60446	Pu-244	0	0.0088	0.0033	0.0313	0.00 - 0.50
6-00290	60446	Sb-125	-0.0423 U	0.106	0.0345	0.354	0.00 - 0.50
6-00290	60446	Sn-126	0.0012 U	0.0141	0.0042	0.0237	0.00 - 0.50
6-00290	60446	Sr-90	21.3	0.229	1.99	0.485	0.00 - 0.50
6-00290	60446	Tc-99	-0.287 U	1.44	0.422	1.63	0.00 - 0.50
6-00290	60446	Th-228	1.23	0.0777	0.12	3.98	0.00 - 0.50
6-00290	60446	Th-229	-0.0132 U	0.0864	0.0186	0.145	0.00 - 0.50
6-00290	60446	Th-230	0.94	0.0611	0.0968	2.2	0.00 - 0.50
6-00290	60446	Th-232	1.15	0.0178	0.11	3.1	0.00 - 0.50
6-00290	60446	Th-234	1.73 J	0.464	0.456	3.19	0.00 - 0.50
6-00290	60446	Tl-208	0.424	0.0264	0.0252	0.937	0.00 - 0.50
6-00290	60446	Tm-171	4.42 U	22.4	6.84	72.4	0.00 - 0.50
6-00290	60446	U-233/234	1.16	0.0776	0.128	2.02	0.00 - 0.50
6-00290	60446	U-235/236	0.0289	0.0561	0.0188	0.151	0.00 - 0.50
6-00290	60446	U-238	1.12	0.0193	0.123	1.8	0.00 - 0.50
6-00291	60448	Ac-227	-0.0023 U	0.142	0.0433	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00291	60448	Ac-228	1.08	0.062	0.051	2.4	0.00 - 0.50
6-00291	60448	Am-241	0.006	0.0139	0.0042	0.0454	0.00 - 0.50
6-00291	60448	Bi-212	0.707	0.0853	0.0561	2.15	0.00 - 0.50
6-00291	60448	Bi-214	0.909	0.0211	0.0402	1.59	0.00 - 0.50
6-00291	60448	C-14	0.656	0.906	0.279	2.96	0.00 - 0.50
6-00291	60448	Cd-113m	5.64 U	95.4	31.5	3030	0.00 - 0.50
6-00291	60448	Cm-243/244	-0.0045 U	0.0181	0.0034	0.0443	0.00 - 0.50
6-00291	60448	Co-60	0.0014 U	0.0116	0.0035	0.028	0.00 - 0.50
6-00291	60448	Cs-134	0.0073 JS	0.0109	0.0041	0.0864	0.00 - 0.50
6-00291	60448	Cs-137	2.18	0.0127	0.115	0.207	0.00 - 0.50
6-00291	60448	Eu-152	-0.0161 U	0.0363	0.0136	0.0566	0.00 - 0.50
6-00291	60448	Eu-154	0.0028 U	0.0634	0.0216	0.15	0.00 - 0.50
6-00291	60448	Eu-155	0.109 JS	0.0461	0.0205	0.231	0.00 - 0.50
6-00291	60448	H-3	2.83	5.03	1.55	11.9	0.00 - 0.50
6-00291	60448	Ho-166m	0.0035 U	0.0171	0.0052	0.0432	0.00 - 0.50
6-00291	60448	K-40	21.7	0.0848	1.28	32.4	0.00 - 0.50
6-00291	60448	Na-22	-0.0091 U	0.0136	0.0047	0.037	0.00 - 0.50
6-00291	60448	Nb-94	0.0028 U	0.0099	0.003	0.0214	0.00 - 0.50
6-00291	60448	Ni-59	-1.66 U	4.03	1.23	5.96	0.00 - 0.50
6-00291	60448	Ni-63	0.0599 U	1.17	0.35	4.92	0.00 - 0.50
6-00291	60448	Np-236	-0.0025 U	0.0252	0.0091	0.047	0.00 - 0.50
6-00291	60448	Np-239	-0.0052 U	0.0949	0.0288	0.139	0.00 - 0.50
6-00291	60448	Pa-231	-0.131 U	0.588	0.184	0.936	0.00 - 0.50
6-00291	60448	Pb-212	1.22	0.0253	0.0743	2.69	0.00 - 0.50
6-00291	60448	Pb-214	0.992	0.0265	0.0474	1.7	0.00 - 0.50
6-00291	60448	Pu-236	0 U	0.0161	0.0035	7.79	0.00 - 0.50
6-00291	60448	Pu-238	-0.0016 U	0.0153	0.0029	0.0415	0.00 - 0.50
6-00291	60448	Pu-239/240	0 U	0.0121	0.0023	0.0404	0.00 - 0.50
6-00291	60448	Pu-244	0.0049	0.0044	0.0029	0.0313	0.00 - 0.50
6-00291	60448	Sb-125	0.0058 U	0.0375	0.0111	0.354	0.00 - 0.50
6-00291	60448	Sn-126	0.0033 U	0.011	0.0034	0.0237	0.00 - 0.50
6-00291	60448	Sr-90	0.167 U	0.661	0.19	0.485	0.00 - 0.50
6-00291	60448	Tc-99	-0.456 U	1.37	0.39	1.63	0.00 - 0.50
6-00291	60448	Th-228	1.25	0.127	0.134	3.98	0.00 - 0.50
6-00291	60448	Th-229	-0.0083 U	0.132	0.0323	0.145	0.00 - 0.50
6-00291	60448	Th-230	0.757	0.1	0.0947	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00291	60448	Th-232	1.24	0.0225	0.126	3.1	0.00 - 0.50
6-00291	60448	Th-234	1.39	0.197	0.108	3.19	0.00 - 0.50
6-00291	60448	Tl-208	0.375	0.0123	0.0206	0.937	0.00 - 0.50
6-00291	60448	Tm-171	-4.9 UJ	8.02	3.07	72.4	0.00 - 0.50
6-00291	60448	U-233/234	1.08	0.0539	0.0971	2.02	0.00 - 0.50
6-00291	60448	U-235/236	0.08	0.0294	0.0196	0.151	0.00 - 0.50
6-00291	60448	U-238	1.07	0.0238	0.0956	1.8	0.00 - 0.50
6-00291	60449	Ac-227	-0.048 U	0.18	0.0562	0.217	1.00 - 2.70
6-00291	60449	Ac-228	0.929	0.0777	0.0477	2.4	1.00 - 2.70
6-00291	60449	Am-241	0.0026 U	0.0129	0.0032	0.0454	1.00 - 2.70
6-00291	60449	Bi-212	0.694	0.107	0.0646	2.15	1.00 - 2.70
6-00291	60449	Bi-214	0.694	0.0263	0.0345	1.59	1.00 - 2.70
6-00291	60449	C-14	0.489	0.711	0.219	2.96	1.00 - 2.70
6-00291	60449	Cd-113m	-4.28 U	121	38.1	3030	1.00 - 2.70
6-00291	60449	Cm-243/244	-0.0003 U	0.0184	0.0038	0.0443	1.00 - 2.70
6-00291	60449	Co-60	-0.0058 U	0.0137	0.0043	0.028	1.00 - 2.70
6-00291	60449	Cs-134	-0.0071 U	0.0131	0.0049	0.0864	1.00 - 2.70
6-00291	60449	Cs-137	1.47	0.0154	0.08	0.207	1.00 - 2.70
6-00291	60449	Eu-152	-0.0282 U	0.0438	0.0164	0.0566	1.00 - 2.70
6-00291	60449	Eu-154	-0.0093 U	0.0821	0.025	0.15	1.00 - 2.70
6-00291	60449	Eu-155	0.0607 JS	0.0621	0.0241	0.231	1.00 - 2.70
6-00291	60449	H-3	1.81 U	7.47	2.14	11.9	1.00 - 2.70
6-00291	60449	Ho-166m	-0.0091 U	0.0208	0.0067	0.0432	1.00 - 2.70
6-00291	60449	K-40	19	0.0981	1.12	32.4	1.00 - 2.70
6-00291	60449	Na-22	-0.0063 U	0.0172	0.0053	0.037	1.00 - 2.70
6-00291	60449	Nb-94	0.0012 U	0.0129	0.0038	0.0214	1.00 - 2.70
6-00291	60449	Ni-59	2.35 UJ	5.54	1.36	5.96	1.00 - 2.70
6-00291	60449	Ni-63	0.332 U	1.37	0.413	4.92	1.00 - 2.70
6-00291	60449	Np-236	0.0171 JS	0.0343	0.0116	0.047	1.00 - 2.70
6-00291	60449	Np-239	0.0072 U	0.122	0.0368	0.139	1.00 - 2.70
6-00291	60449	Pa-231	0.0145 U	0.761	0.24	0.936	1.00 - 2.70
6-00291	60449	Pb-212	1.02	0.0309	0.0632	2.69	1.00 - 2.70
6-00291	60449	Pb-214	0.762	0.032	0.0393	1.7	1.00 - 2.70
6-00291	60449	Pu-236	-0.0122 U	0.0374	0.0071	7.79	1.00 - 2.70
6-00291	60449	Pu-238	-0.0068 U	0.0286	0.005	0.0415	1.00 - 2.70
6-00291	60449	Pu-239/240	-0.0019 U	0.0167	0.0032	0.0404	1.00 - 2.70

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00291	60449	Pu-244	0.0007 U	0.0167	0.0032	0.0313	1.00 - 2.70
6-00291	60449	Sb-125	0.02 U	0.0451	0.0138	0.354	1.00 - 2.70
6-00291	60449	Sn-126	-0.0017 U	0.0141	0.0042	0.0237	1.00 - 2.70
6-00291	60449	Sr-90	0.405	0.188	0.0889	0.485	1.00 - 2.70
6-00291	60449	Tc-99	-0.267 U	1.44	0.419	1.63	1.00 - 2.70
6-00291	60449	Th-228	1.2	0.0814	0.119	3.98	1.00 - 2.70
6-00291	60449	Th-229	0.0285 U	0.0934	0.0267	0.145	1.00 - 2.70
6-00291	60449	Th-230	0.895	0.0765	0.0964	2.2	1.00 - 2.70
6-00291	60449	Th-232	1.13	0.0521	0.111	3.1	1.00 - 2.70
6-00291	60449	Th-234	1.13 J	0.316	0.3	3.19	1.00 - 2.70
6-00291	60449	Tl-208	0.316	0.0149	0.0193	0.937	1.00 - 2.70
6-00291	60449	Tm-171	-10.1 UJ	12.1	4.36	72.4	1.00 - 2.70
6-00291	60449	U-233/234	0.964	0.07	0.111	2.02	1.00 - 2.70
6-00291	60449	U-235/236	0.0542	0.055	0.024	0.151	1.00 - 2.70
6-00291	60449	U-238	0.93	0.0445	0.107	1.8	1.00 - 2.70
6-00292	60450	Ac-227	-0.0162 U	0.134	0.0399	0.217	0.00 - 0.50
6-00292	60450	Ac-228	1.08	0.0709	0.0494	2.4	0.00 - 0.50
6-00292	60450	Am-241	0.0027 U	0.0136	0.0034	0.0454	0.00 - 0.50
6-00292	60450	Bi-212	0.767	0.0977	0.0613	2.15	0.00 - 0.50
6-00292	60450	Bi-214	0.922	0.0224	0.0415	1.59	0.00 - 0.50
6-00292	60450	C-14	0.472	0.619	0.191	2.96	0.00 - 0.50
6-00292	60450	Cd-113m	-3.31 U	88.9	27.3	3030	0.00 - 0.50
6-00292	60450	Cm-243/244	-0.0062 U	0.0216	0.0038	0.0443	0.00 - 0.50
6-00292	60450	Co-60	0.0067 J	0.0132	0.0041	0.028	0.00 - 0.50
6-00292	60450	Cs-134	0.0017 U	0.0114	0.0038	0.0864	0.00 - 0.50
6-00292	60450	Cs-137	0.894	0.0131	0.0483	0.207	0.00 - 0.50
6-00292	60450	Eu-152	-0.0104 U	0.0335	0.0113	0.0566	0.00 - 0.50
6-00292	60450	Eu-154	0.0381 J	0.0714	0.0249	0.15	0.00 - 0.50
6-00292	60450	Eu-155	0.0861 SJ	0.046	0.0198	0.231	0.00 - 0.50
6-00292	60450	H-3	4.05	7.57	2.33	11.9	0.00 - 0.50
6-00292	60450	Ho-166m	-0.0094 U	0.0181	0.0059	0.0432	0.00 - 0.50
6-00292	60450	K-40	20.8	0.09	1.11	32.4	0.00 - 0.50
6-00292	60450	Na-22	-0.0054 U	0.0155	0.0048	0.037	0.00 - 0.50
6-00292	60450	Nb-94	0.0049 U	0.0109	0.0034	0.0214	0.00 - 0.50
6-00292	60450	Ni-59	3.09 J	5.04	1.4	5.96	0.00 - 0.50
6-00292	60450	Ni-63	-0.0183 U	1.32	0.393	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00292	60450	Np-236	-0.0025 U	0.0247	0.0076	0.047	0.00 - 0.50
6-00292	60450	Np-239	0.0392 U	0.0884	0.0274	0.139	0.00 - 0.50
6-00292	60450	Pa-231	-0.222 U	0.554	0.175	0.936	0.00 - 0.50
6-00292	60450	Pb-212	1.25	0.0241	0.0713	2.69	0.00 - 0.50
6-00292	60450	Pb-214	0.971	0.0242	0.0455	1.7	0.00 - 0.50
6-00292	60450	Pu-236	-0.0008 U	0.0287	0.0065	7.79	0.00 - 0.50
6-00292	60450	Pu-238	-0.0014 U	0.0251	0.0055	0.0415	0.00 - 0.50
6-00292	60450	Pu-239/240	-0.002 U	0.0231	0.0047	0.0404	0.00 - 0.50
6-00292	60450	Pu-244	0.003 U	0.0147	0.0037	0.0313	0.00 - 0.50
6-00292	60450	Sb-125	0.0018 U	0.0348	0.0106	0.354	0.00 - 0.50
6-00292	60450	Sn-126	-0.0034 U	0.0119	0.0037	0.0237	0.00 - 0.50
6-00292	60450	Sr-90	-0.0677 U	0.211	0.0497	0.485	0.00 - 0.50
6-00292	60450	Tc-99	-0.679 U	1.79	0.522	1.63	0.00 - 0.50
6-00292	60450	Th-228	1.12	0.0604	0.117	3.98	0.00 - 0.50
6-00292	60450	Th-229	0.0225 U	0.0696	0.0199	0.145	0.00 - 0.50
6-00292	60450	Th-230	0.867	0.0202	0.0957	2.2	0.00 - 0.50
6-00292	60450	Th-232	0.991	0.0548	0.105	3.1	0.00 - 0.50
6-00292	60450	Th-234	1.95	0.193	0.136	3.19	0.00 - 0.50
6-00292	60450	Tl-208	0.387	0.0127	0.0214	0.937	0.00 - 0.50
6-00292	60450	Tm-171	-0.0544 U	8.16	2.72	72.4	0.00 - 0.50
6-00292	60450	U-233/234	1.77	0.0623	0.174	2.02	0.00 - 0.50
6-00292	60450	U-235/236	0.153	0.0231	0.0379	0.151	0.00 - 0.50
6-00292	60450	U-238	1.69	0.0543	0.168	1.8	0.00 - 0.50
6-00293	60452	Ac-227	-0.26 U	0.562	0.181	0.217	0.00 - 0.50
6-00293	60452	Ac-228	1.1	0.0977	0.0603	2.4	0.00 - 0.50
6-00293	60452	Am-241	0.0105	0.0181	0.0061	0.0454	0.00 - 0.50
6-00293	60452	Bi-212	0.853	0.142	0.0783	2.15	0.00 - 0.50
6-00293	60452	Bi-214	0.811	0.0717	0.0437	1.59	0.00 - 0.50
6-00293	60452	C-14	-0.0704 U	0.852	0.253	2.96	0.00 - 0.50
6-00293	60452	Cd-113m	-124 U	383	120	3030	0.00 - 0.50
6-00293	60452	Cm-243/244	0.003 U	0.0148	0.0037	0.0443	0.00 - 0.50
6-00293	60452	Co-60	0.0014 U	0.0185	0.0054	0.028	0.00 - 0.50
6-00293	60452	Cs-134	0.0014 U	0.0376	0.013	0.0864	0.00 - 0.50
6-00293	60452	Cs-137	46.4	0.0336	2.47	0.207	0.00 - 0.50
6-00293	60452	Eu-152	-0.0284 U	0.154	0.0493	0.0566	0.00 - 0.50
6-00293	60452	Eu-154	-0.0656 U	0.097	0.0333	0.15	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00293	60452	Eu-155	0.0106 U	0.161	0.0498	0.231	0.00 - 0.50
6-00293	60452	H-3	1.42 U	7.22	2.04	11.9	0.00 - 0.50
6-00293	60452	Ho-166m	0.0003 UJ	0.0264	0.0078	0.0432	0.00 - 0.50
6-00293	60452	K-40	19	0.14	1.19	32.4	0.00 - 0.50
6-00293	60452	Na-22	-0.0018 U	0.0218	0.0065	0.037	0.00 - 0.50
6-00293	60452	Nb-94	0.001 U	0.0156	0.0046	0.0214	0.00 - 0.50
6-00293	60452	Ni-59	1.76 J	3.45	0.981	5.96	0.00 - 0.50
6-00293	60452	Ni-63	-0.016 U	1.32	0.392	4.92	0.00 - 0.50
6-00293	60452	Np-236	-0.0073 U	0.0868	0.027	0.047	0.00 - 0.50
6-00293	60452	Np-239	-0.0132 U	0.359	0.107	0.139	0.00 - 0.50
6-00293	60452	Pa-231	-0.676 U	2.38	0.765	0.936	0.00 - 0.50
6-00293	60452	Pb-212	1.29	0.0974	0.0915	2.69	0.00 - 0.50
6-00293	60452	Pb-214	0.841	0.111	0.0602	1.7	0.00 - 0.50
6-00293	60452	Pu-236	-0.0079 U	0.0436	0.0094	7.79	0.00 - 0.50
6-00293	60452	Pu-238	0.0072 U	0.0325	0.0088	0.0415	0.00 - 0.50
6-00293	60452	Pu-239/240	0.0038 U	0.019	0.0047	0.0404	0.00 - 0.50
6-00293	60452	Pu-244	0.0038 U	0.019	0.0047	0.0313	0.00 - 0.50
6-00293	60452	Sb-125	0.0094 U	0.181	0.0563	0.354	0.00 - 0.50
6-00293	60452	Sn-126	0.0028 U	0.0177	0.0052	0.0237	0.00 - 0.50
6-00293	60452	Sr-90	0.109 U	0.192	0.0604	0.485	0.00 - 0.50
6-00293	60452	Tc-99	0.0383 U	1.25	0.37	1.63	0.00 - 0.50
6-00293	60452	Th-228	1.22	0.0934	0.128	3.98	0.00 - 0.50
6-00293	60452	Th-229	0.0314	0.0213	0.0158	0.145	0.00 - 0.50
6-00293	60452	Th-230	1.04	0.111	0.113	2.2	0.00 - 0.50
6-00293	60452	Th-232	1.38	0.0576	0.133	3.1	0.00 - 0.50
6-00293	60452	Th-234	0.964 J	0.703	0.345	3.19	0.00 - 0.50
6-00293	60452	Tl-208	0.391	0.0445	0.0272	0.937	0.00 - 0.50
6-00293	60452	Tm-171	-6.43 U	34.3	10.5	72.4	0.00 - 0.50
6-00293	60452	U-233/234	0.902	0.0638	0.0997	2.02	0.00 - 0.50
6-00293	60452	U-235/236	0.0579	0.0196	0.0209	0.151	0.00 - 0.50
6-00293	60452	U-238	0.913	0.0159	0.0995	1.8	0.00 - 0.50
6-00293	60453	Ac-227	-0.0609 U	0.129	0.0426	0.217	1.00 - 2.50
6-00293	60453	Ac-228	1.25	0.0583	0.0559	2.4	1.00 - 2.50
6-00293	60453	Am-241	0.0038	0.0102	0.0038	0.0454	1.00 - 2.50
6-00293	60453	Bi-212	0.861	0.0827	0.0574	2.15	1.00 - 2.50
6-00293	60453	Bi-214	0.968	0.0199	0.0422	1.59	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00293	60453	C-14	0.365	0.649	0.198	2.96	1.00 - 2.50
6-00293	60453	Cd-113m	-35.9 U	84.8	27.8	3030	1.00 - 2.50
6-00293	60453	Cm-243/244	-0.0055 UJ	0.0299	0.0054	0.0443	1.00 - 2.50
6-00293	60453	Co-60	-0.0027 U	0.0111	0.0035	0.028	1.00 - 2.50
6-00293	60453	Cs-134	0.0021 U	0.0101	0.0035	0.0864	1.00 - 2.50
6-00293	60453	Cs-137	1.19	0.0116	0.063	0.207	1.00 - 2.50
6-00293	60453	Eu-152	-0.0319 UJ	0.0315	0.0121	0.0566	1.00 - 2.50
6-00293	60453	Eu-154	-0.0371 U	0.0611	0.0206	0.15	1.00 - 2.50
6-00293	60453	Eu-155	0.082 SJ	0.0439	0.0184	0.231	1.00 - 2.50
6-00293	60453	H-3	0 U	7.25	2	11.9	1.00 - 2.50
6-00293	60453	Ho-166m	-0.0078 U	0.0166	0.0055	0.0432	1.00 - 2.50
6-00293	60453	K-40	21.8	0.0818	1.23	32.4	1.00 - 2.50
6-00293	60453	Na-22	-0.0041 U	0.0131	0.0048	0.037	1.00 - 2.50
6-00293	60453	Nb-94	0.0092 SJ	0.0098	0.0036	0.0214	1.00 - 2.50
6-00293	60453	Ni-59	-1.16 U	5.58	1.54	5.96	1.00 - 2.50
6-00293	60453	Ni-63	-0.705 U	1.29	0.374	4.92	1.00 - 2.50
6-00293	60453	Np-236	-0.0105 U	0.0239	0.0075	0.047	1.00 - 2.50
6-00293	60453	Np-239	-0.0035 U	0.0863	0.0265	0.139	1.00 - 2.50
6-00293	60453	Pa-231	0.181 U	0.537	0.171	0.936	1.00 - 2.50
6-00293	60453	Pb-212	1.42	0.0225	0.0839	2.69	1.00 - 2.50
6-00293	60453	Pb-214	1.03	0.0232	0.0474	1.7	1.00 - 2.50
6-00293	60453	Pu-236	-0.0035 U	0.0236	0.0047	7.79	1.00 - 2.50
6-00293	60453	Pu-238	-0.0009 U	0.0163	0.003	0.0415	1.00 - 2.50
6-00293	60453	Pu-239/240	-0.0003 U	0.0187	0.0039	0.0404	1.00 - 2.50
6-00293	60453	Pu-244	0.0047	0.0132	0.0039	0.0313	1.00 - 2.50
6-00293	60453	Sb-125	-0.0025 U	0.032	0.0095	0.354	1.00 - 2.50
6-00293	60453	Sn-126	-0.0005 U	0.0107	0.0033	0.0237	1.00 - 2.50
6-00293	60453	Sr-90	0.0722 U	0.22	0.0646	0.485	1.00 - 2.50
6-00293	60453	Tc-99	-0.0364 U	1.31	0.387	1.63	1.00 - 2.50
6-00293	60453	Th-228	1.38	0.136	0.134	3.98	1.00 - 2.50
6-00293	60453	Th-229	0.0279 U	0.0838	0.0242	0.145	1.00 - 2.50
6-00293	60453	Th-230	0.995	0.075	0.103	2.2	1.00 - 2.50
6-00293	60453	Th-232	1.42	0.0511	0.13	3.1	1.00 - 2.50
6-00293	60453	Th-234	1.58	0.191	0.13	3.19	1.00 - 2.50
6-00293	60453	Tl-208	0.44	0.0111	0.0234	0.937	1.00 - 2.50
6-00293	60453	Tm-171	-3.51 U	8.72	3.16	72.4	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00293	60453	U-233/234	1.11	0.0166	0.117	2.02	1.00 - 2.50
6-00293	60453	U-235/236	0.0346	0.0598	0.0203	0.151	1.00 - 2.50
6-00293	60453	U-238	1.11	0.0166	0.117	1.8	1.00 - 2.50
6-00294	60454	Ac-227	0.0102 U	0.363	0.108	0.217	0.00 - 0.25
6-00294	60454	Ac-228	0.937	0.124	0.0528	2.4	0.00 - 0.25
6-00294	60454	Am-241	0.0105 UJ	0.0423	0.0117	0.0454	0.00 - 0.25
6-00294	60454	Bi-212	0.899 J	0.167	0.0923	2.15	0.00 - 0.25
6-00294	60454	Bi-214	0.804	0.0542	0.0452	1.59	0.00 - 0.25
6-00294	60454	C-14	-0.0651 U	0.829	0.246	2.96	0.00 - 0.25
6-00294	60454	Cd-113m	-85 U	244	75.7	3030	0.00 - 0.25
6-00294	60454	Cm-243/244	0.0084 UJ	0.0258	0.0074	0.0443	0.00 - 0.25
6-00294	60454	Co-60	0.0074 U	0.0231	0.0066	0.028	0.00 - 0.25
6-00294	60454	Cs-134	0.0123 U	0.0282	0.0097	0.0864	0.00 - 0.25
6-00294	60454	Cs-137	11.3	0.028	0.63	0.207	0.00 - 0.25
6-00294	60454	Eu-152	-0.0162 U	0.101	0.035	0.0566	0.00 - 0.25
6-00294	60454	Eu-154	-0.0487 U	0.126	0.0405	0.15	0.00 - 0.25
6-00294	60454	Eu-155	0.0396 U	0.101	0.0322	0.231	0.00 - 0.25
6-00294	60454	H-3	4.17	7.52	2.33	11.9	0.00 - 0.25
6-00294	60454	Ho-166m	0.0092 UJ	0.0325	0.0095	0.0432	0.00 - 0.25
6-00294	60454	K-40	18.3	0.157	1.05	32.4	0.00 - 0.25
6-00294	60454	Na-22	-0.0036 U	0.0267	0.0079	0.037	0.00 - 0.25
6-00294	60454	Nb-94	0.0143 JS	0.0199	0.0065	0.0214	0.00 - 0.25
6-00294	60454	Ni-59	0.774 U	3.12	0.854	5.96	0.00 - 0.25
6-00294	60454	Ni-63	0.0473 U	1.47	0.437	4.92	0.00 - 0.25
6-00294	60454	Np-236	0.0117 U	0.0545	0.0169	0.047	0.00 - 0.25
6-00294	60454	Np-239	0.0929 U	0.232	0.0714	0.139	0.00 - 0.25
6-00294	60454	Pa-231	-0.263 U	1.52	0.476	0.936	0.00 - 0.25
6-00294	60454	Pb-212	1.11	0.0625	0.0689	2.69	0.00 - 0.25
6-00294	60454	Pb-214	0.802	0.0728	0.0489	1.7	0.00 - 0.25
6-00294	60454	Pu-236	-0.0084 U	0.0291	0.0051	7.79	0.00 - 0.25
6-00294	60454	Pu-238	-0.0071 U	0.0296	0.0052	0.0415	0.00 - 0.25
6-00294	60454	Pu-239/240	0.0131	0.0246	0.008	0.0404	0.00 - 0.25
6-00294	60454	Pu-244	0.0035 U	0.0173	0.0043	0.0313	0.00 - 0.25
6-00294	60454	Sb-125	0.0179 U	0.118	0.0363	0.354	0.00 - 0.25
6-00294	60454	Sn-126	-0.0107 U	0.0195	0.0064	0.0237	0.00 - 0.25
6-00294	60454	Sr-90	2.39 J	0.187	0.258	0.485	0.00 - 0.25

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00294	60454	Tc-99	0.268 U	1.62	0.485	1.63	0.00 - 0.25
6-00294	60454	Th-228	1.16	0.0731	0.129	3.98	0.00 - 0.25
6-00294	60454	Th-229	0.009 U	0.0969	0.0238	0.145	0.00 - 0.25
6-00294	60454	Th-230	0.934	0.0834	0.109	2.2	0.00 - 0.25
6-00294	60454	Th-232	1	0.0659	0.113	3.1	0.00 - 0.25
6-00294	60454	Th-234	0.902 J	0.449	0.269	3.19	0.00 - 0.25
6-00294	60454	Tl-208	0.367	0.0323	0.0279	0.937	0.00 - 0.25
6-00294	60454	Tm-171	-11 U	17	5.79	72.4	0.00 - 0.25
6-00294	60454	U-233/234	0.861	0.0461	0.0957	2.02	0.00 - 0.25
6-00294	60454	U-235/236	0.101	0.0196	0.0281	0.151	0.00 - 0.25
6-00294	60454	U-238	0.859	0.0529	0.0958	1.8	0.00 - 0.25
6-00295	60456	Ac-227	-0.137 UJ	0.145	0.0551	0.217	0.00 - 0.50
6-00295	60456	Ac-228	1.21	0.0831	0.0576	2.4	0.00 - 0.50
6-00295	60456	Am-241	0.005 U	0.0198	0.0055	0.0454	0.00 - 0.50
6-00295	60456	Bi-212	0.859	0.108	0.0763	2.15	0.00 - 0.50
6-00295	60456	Bi-214	0.911	0.024	0.0423	1.59	0.00 - 0.50
6-00295	60456	C-14	0.206 U	0.819	0.247	2.96	0.00 - 0.50
6-00295	60456	Cd-113m	-39.4 U	99.2	31.2	3030	0.00 - 0.50
6-00295	60456	Cm-243/244	0.005	0.0123	0.0037	0.0443	0.00 - 0.50
6-00295	60456	Co-60	0.0019 U	0.0147	0.0043	0.028	0.00 - 0.50
6-00295	60456	Cs-134	0.0018 U	0.0126	0.0043	0.0864	0.00 - 0.50
6-00295	60456	Cs-137	0.0285	0.0137	0.0066	0.207	0.00 - 0.50
6-00295	60456	Eu-152	-0.0158 U	0.0371	0.0128	0.0566	0.00 - 0.50
6-00295	60456	Eu-154	0.0232 UJ	0.0849	0.025	0.15	0.00 - 0.50
6-00295	60456	Eu-155	0.0511 SJ	0.0524	0.02	0.231	0.00 - 0.50
6-00295	60456	H-3	1.38 U	7.92	2.37	11.9	0.00 - 0.50
6-00295	60456	Ho-166m	-0.0033 U	0.021	0.0063	0.0432	0.00 - 0.50
6-00295	60456	K-40	21.6	0.113	1.29	32.4	0.00 - 0.50
6-00295	60456	Na-22	0.0022 U	0.0178	0.0053	0.037	0.00 - 0.50
6-00295	60456	Nb-94	0.0023 U	0.0125	0.0037	0.0214	0.00 - 0.50
6-00295	60456	Ni-59	0.0495 UJ	2.94	0.781	5.96	0.00 - 0.50
6-00295	60456	Ni-63	-0.516 U	1.26	0.371	4.92	0.00 - 0.50
6-00295	60456	Np-236	-0.0033 U	0.0283	0.0087	0.047	0.00 - 0.50
6-00295	60456	Np-239	-0.004 U	0.0978	0.0289	0.139	0.00 - 0.50
6-00295	60456	Pa-231	0.22 U	0.626	0.206	0.936	0.00 - 0.50
6-00295	60456	Pb-212	1.4	0.0266	0.0932	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00295	60456	Pb-214	0.986	0.0266	0.0507	1.7	0.00 - 0.50
6-00295	60456	Pu-236	-0.0077 U	0.0223	0.0048	7.79	0.00 - 0.50
6-00295	60456	Pu-238	-0.0012 U	0.0202	0.005	0.0415	0.00 - 0.50
6-00295	60456	Pu-239/240	0.0036 U	0.0112	0.0032	0.0404	0.00 - 0.50
6-00295	60456	Pu-244	0.0073 J	0.0112	0.0039	0.0313	0.00 - 0.50
6-00295	60456	Sb-125	-0.018 U	0.0346	0.0116	0.354	0.00 - 0.50
6-00295	60456	Sn-126	-0.0043 U	0.0133	0.0041	0.0237	0.00 - 0.50
6-00295	60456	Sr-90	0.125	0.128	0.0449	0.485	0.00 - 0.50
6-00295	60456	Tc-99	0.255 U	1.31	0.389	1.63	0.00 - 0.50
6-00295	60456	Th-228	1.24	0.0548	0.12	3.98	0.00 - 0.50
6-00295	60456	Th-229	-0.0207 U	0.0973	0.0207	0.145	0.00 - 0.50
6-00295	60456	Th-230	0.881	0.0507	0.0937	2.2	0.00 - 0.50
6-00295	60456	Th-232	1.12	0.0505	0.109	3.1	0.00 - 0.50
6-00295	60456	Th-234	1.32	0.233	0.132	3.19	0.00 - 0.50
6-00295	60456	Tl-208	0.431	0.0137	0.0242	0.937	0.00 - 0.50
6-00295	60456	Tm-171	-4.02 U	12	4.13	72.4	0.00 - 0.50
6-00295	60456	U-233/234	0.795	0.0813	0.1	2.02	0.00 - 0.50
6-00295	60456	U-235/236	0.0026 UJ	0.0588	0.0114	0.151	0.00 - 0.50
6-00295	60456	U-238	0.954	0.0675	0.113	1.8	0.00 - 0.50
6-00295	60457	Ac-227	0.0013 U	0.179	0.0542	0.217	1.00 - 2.00
6-00295	60457	Ac-228	1.13	0.0841	0.0551	2.4	1.00 - 2.00
6-00295	60457	Am-241	0.0003 U	0.0217	0.0049	0.0454	1.00 - 2.00
6-00295	60457	Bi-212	0.812	0.123	0.0769	2.15	1.00 - 2.00
6-00295	60457	Bi-214	0.828	0.0265	0.0397	1.59	1.00 - 2.00
6-00295	60457	C-14	0.205 U	0.87	0.262	2.96	1.00 - 2.00
6-00295	60457	Cd-113m	-27 U	120	38.7	3030	1.00 - 2.00
6-00295	60457	Cm-243/244	0.0056 U	0.0172	0.0049	0.0443	1.00 - 2.00
6-00295	60457	Co-60	0.0092	0.0165	0.0051	0.028	1.00 - 2.00
6-00295	60457	Cs-134	-0.0007 U	0.0138	0.0047	0.0864	1.00 - 2.00
6-00295	60457	Cs-137	0.0827	0.0165	0.0092	0.207	1.00 - 2.00
6-00295	60457	Eu-152	0.0011 U	0.0428	0.021	0.0566	1.00 - 2.00
6-00295	60457	Eu-154	-0.0582 U	0.0875	0.0308	0.15	1.00 - 2.00
6-00295	60457	Eu-155	0.0051 U	0.0649	0.0193	0.231	1.00 - 2.00
6-00295	60457	H-3	1.99 U	4.53	1.37	11.9	1.00 - 2.00
6-00295	60457	Ho-166m	-0.0117 U	0.0225	0.0074	0.0432	1.00 - 2.00
6-00295	60457	K-40	19.6	0.106	1.14	32.4	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00295	60457	Na-22	-0.008 U	0.0183	0.0067	0.037	1.00 - 2.00
6-00295	60457	Nb-94	0.0031 U	0.0135	0.004	0.0214	1.00 - 2.00
6-00295	60457	Ni-59	-0.458 U	1.21	0.406	5.96	1.00 - 2.00
6-00295	60457	Ni-63	0.348 U	1.25	0.379	4.92	1.00 - 2.00
6-00295	60457	Np-236	-0.0075 U	0.0342	0.0104	0.047	1.00 - 2.00
6-00295	60457	Np-239	0.0034 U	0.118	0.0356	0.139	1.00 - 2.00
6-00295	60457	Pa-231	0.0976 U	0.739	0.233	0.936	1.00 - 2.00
6-00295	60457	Pb-212	1.26	0.0312	0.0765	2.69	1.00 - 2.00
6-00295	60457	Pb-214	0.938	0.0297	0.0456	1.7	1.00 - 2.00
6-00295	60457	Pu-236	0.0077 U	0.0208	0.0061	7.79	1.00 - 2.00
6-00295	60457	Pu-238	-0.0037 U	0.0258	0.0058	0.0415	1.00 - 2.00
6-00295	60457	Pu-239/240	0.0018 U	0.0134	0.0032	0.0404	1.00 - 2.00
6-00295	60457	Pu-244	0.0073	0.0049	0.0037	0.0313	1.00 - 2.00
6-00295	60457	Sb-125	0.0258 JS	0.0418	0.0133	0.354	1.00 - 2.00
6-00295	60457	Sn-126	0.0048 U	0.0153	0.0046	0.0237	1.00 - 2.00
6-00295	60457	Sr-90	0.015 U	0.119	0.0333	0.485	1.00 - 2.00
6-00295	60457	Tc-99	-0.278 U	1.21	0.357	1.63	1.00 - 2.00
6-00295	60457	Th-228	1.03	0.0742	0.11	3.98	1.00 - 2.00
6-00295	60457	Th-229	0 U	0.0796	0.0181	0.145	1.00 - 2.00
6-00295	60457	Th-230	0.943	0.02	0.1	2.2	1.00 - 2.00
6-00295	60457	Th-232	1.07	0.0199	0.109	3.1	1.00 - 2.00
6-00295	60457	Th-234	0.974 J	0.271	0.133	3.19	1.00 - 2.00
6-00295	60457	Tl-208	0.367	0.0154	0.0218	0.937	1.00 - 2.00
6-00295	60457	Tm-171	-8.81 U	13	4.88	72.4	1.00 - 2.00
6-00295	60457	U-233/234	0.873	0.0138	0.0921	2.02	1.00 - 2.00
6-00295	60457	U-235/236	0.0756	0.0171	0.0225	0.151	1.00 - 2.00
6-00295	60457	U-238	0.913	0.0325	0.0955	1.8	1.00 - 2.00
6-00296	60458	Ac-227	-0.0603 U	0.124	0.0397	0.217	0.00 - 0.50
6-00296	60458	Ac-228	1.08	0.0632	0.0489	2.4	0.00 - 0.50
6-00296	60458	Am-241	0.0141	0.0262	0.0082	0.0454	0.00 - 0.50
6-00296	60458	Bi-212	0.766	0.0867	0.0559	2.15	0.00 - 0.50
6-00296	60458	Bi-214	0.855	0.0208	0.0382	1.59	0.00 - 0.50
6-00296	60458	C-14	0.578	0.902	0.277	2.96	0.00 - 0.50
6-00296	60458	Cd-113m	-6.59 U	85.4	26.3	3030	0.00 - 0.50
6-00296	60458	Cm-243/244	-0.0016 U	0.0238	0.0057	0.0443	0.00 - 0.50
6-00296	60458	Co-60	0.0009 U	0.0117	0.0034	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00296	60458	Cs-134	-0.0012 U	0.0103	0.0035	0.0864	0.00 - 0.50
6-00296	60458	Cs-137	1.35	0.0123	0.0722	0.207	0.00 - 0.50
6-00296	60458	Eu-152	-0.0359 UJ	0.0317	0.013	0.0566	0.00 - 0.50
6-00296	60458	Eu-154	-0.0474 UJ	0.0605	0.0214	0.15	0.00 - 0.50
6-00296	60458	Eu-155	0.0444 JS	0.0428	0.0147	0.231	0.00 - 0.50
6-00296	60458	H-3	0.839 U	4.71	1.36	11.9	0.00 - 0.50
6-00296	60458	Ho-166m	-0.0003 U	0.0167	0.005	0.0432	0.00 - 0.50
6-00296	60458	K-40	18.6	0.0798	0.997	32.4	0.00 - 0.50
6-00296	60458	Na-22	-0.0072 U	0.0132	0.0044	0.037	0.00 - 0.50
6-00296	60458	Nb-94	0.0021 U	0.0097	0.0029	0.0214	0.00 - 0.50
6-00296	60458	Ni-59	-0.544 U	1.43	0.478	5.96	0.00 - 0.50
6-00296	60458	Ni-63	-0.342 U	1.33	0.397	4.92	0.00 - 0.50
6-00296	60458	Np-236	-0.0161 UJ	0.0227	0.008	0.047	0.00 - 0.50
6-00296	60458	Np-239	-0.0353 U	0.0835	0.0262	0.139	0.00 - 0.50
6-00296	60458	Pa-231	-0.225 U	0.523	0.171	0.936	0.00 - 0.50
6-00296	60458	Pb-212	1.19	0.0225	0.068	2.69	0.00 - 0.50
6-00296	60458	Pb-214	0.942	0.0235	0.0431	1.7	0.00 - 0.50
6-00296	60458	Pu-236	0 U	0.049	0.0115	7.79	0.00 - 0.50
6-00296	60458	Pu-238	0.0153 U	0.0639	0.018	0.0415	0.00 - 0.50
6-00296	60458	Pu-239/240	-0.0077 U	0.0501	0.0108	0.0404	0.00 - 0.50
6-00296	60458	Pu-244	0 U	0.0281	0.0054	0.0313	0.00 - 0.50
6-00296	60458	Sb-125	-0.0035 U	0.0332	0.0102	0.354	0.00 - 0.50
6-00296	60458	Sn-126	0.0006 U	0.0109	0.0032	0.0237	0.00 - 0.50
6-00296	60458	Sr-90	0.274	0.228	0.0816	0.485	0.00 - 0.50
6-00296	60458	Tc-99	0.251 U	1.7	0.509	1.63	0.00 - 0.50
6-00296	60458	Th-228	1.16	0.0548	0.115	3.98	0.00 - 0.50
6-00296	60458	Th-229	-0.0069 U	0.0904	0.0207	0.145	0.00 - 0.50
6-00296	60458	Th-230	0.756	0.0506	0.0849	2.2	0.00 - 0.50
6-00296	60458	Th-232	1	0.0637	0.102	3.1	0.00 - 0.50
6-00296	60458	Th-234	1.23 J	0.178	0.106	3.19	0.00 - 0.50
6-00296	60458	Tl-208	0.408	0.0117	0.0222	0.937	0.00 - 0.50
6-00296	60458	Tm-171	-3.13 U	7.34	2.57	72.4	0.00 - 0.50
6-00296	60458	U-233/234	0.989	0.0544	0.104	2.02	0.00 - 0.50
6-00296	60458	U-235/236	0.0622	0.0427	0.0222	0.151	0.00 - 0.50
6-00296	60458	U-238	1.07	0.0147	0.11	1.8	0.00 - 0.50
6-00297	60460	Ac-227	0.0449 U	0.163	0.0509	0.217	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00297	60460	Ac-228	0.999	0.0665	0.0485	2.4	0.00 - 0.50
6-00297	60460	Am-241	0 U	0.0197	0.0048	0.0454	0.00 - 0.50
6-00297	60460	Bi-212	0.7	0.0889	0.0579	2.15	0.00 - 0.50
6-00297	60460	Bi-214	0.787	0.0228	0.0355	1.59	0.00 - 0.50
6-00297	60460	C-14	0.0057 U	0.798	0.238	2.96	0.00 - 0.50
6-00297	60460	Cd-113m	44.8 U	109	36.1	3030	0.00 - 0.50
6-00297	60460	Cm-243/244	0.003 U	0.0141	0.0037	0.0443	0.00 - 0.50
6-00297	60460	Co-60	0.0034 U	0.0123	0.0037	0.028	0.00 - 0.50
6-00297	60460	Cs-134	0.0009 U	0.0116	0.004	0.0864	0.00 - 0.50
6-00297	60460	Cs-137	2.51	0.0125	0.132	0.207	0.00 - 0.50
6-00297	60460	Eu-152	-0.0357 UJ	0.0394	0.0178	0.0566	0.00 - 0.50
6-00297	60460	Eu-154	0.0067 UJ	0.066	0.0224	0.15	0.00 - 0.50
6-00297	60460	Eu-155	0.053 SJ	0.0537	0.0203	0.231	0.00 - 0.50
6-00297	60460	H-3	0.46 U	7.91	2.35	11.9	0.00 - 0.50
6-00297	60460	Ho-166m	-0.0065 U	0.0169	0.0054	0.0432	0.00 - 0.50
6-00297	60460	K-40	22.3	0.0974	1.34	32.4	0.00 - 0.50
6-00297	60460	Na-22	-0.0011 U	0.0142	0.0042	0.037	0.00 - 0.50
6-00297	60460	Nb-94	0.0101 SJ	0.0103	0.0038	0.0214	0.00 - 0.50
6-00297	60460	Ni-59	-0.406 UJ	1.66	0.527	5.96	0.00 - 0.50
6-00297	60460	Ni-63	0.115 U	1.12	0.336	4.92	0.00 - 0.50
6-00297	60460	Np-236	-0.0085 U	0.0291	0.0097	0.047	0.00 - 0.50
6-00297	60460	Np-239	0.0805 J	0.109	0.0382	0.139	0.00 - 0.50
6-00297	60460	Pa-231	-0.083 U	0.661	0.213	0.936	0.00 - 0.50
6-00297	60460	Pb-212	1.16	0.0282	0.0711	2.69	0.00 - 0.50
6-00297	60460	Pb-214	0.943	0.028	0.0441	1.7	0.00 - 0.50
6-00297	60460	Pu-236	0 U	0.0154	0.0035	7.79	0.00 - 0.50
6-00297	60460	Pu-238	0.0014 U	0.019	0.0049	0.0415	0.00 - 0.50
6-00297	60460	Pu-239/240	0.0094	0.0037	0.0036	0.0404	0.00 - 0.50
6-00297	60460	Pu-244	0.0081	0.0037	0.0033	0.0313	0.00 - 0.50
6-00297	60460	Sb-125	0.0102 U	0.0411	0.0124	0.354	0.00 - 0.50
6-00297	60460	Sn-126	0.0008 U	0.011	0.0033	0.0237	0.00 - 0.50
6-00297	60460	Sr-90	-0.209 U	0.672	0.173	0.485	0.00 - 0.50
6-00297	60460	Tc-99	1.15	1.42	0.447	1.63	0.00 - 0.50
6-00297	60460	Th-228	0.878	0.131	0.105	3.98	0.00 - 0.50
6-00297	60460	Th-229	0.0076 U	0.0917	0.0229	0.145	0.00 - 0.50
6-00297	60460	Th-230	0.639	0.0561	0.0803	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00297	60460	Th-232	0.759	0.0559	0.0891	3.1	0.00 - 0.50
6-00297	60460	Th-234	1.4	0.225	0.137	3.19	0.00 - 0.50
6-00297	60460	Tl-208	0.343	0.013	0.0192	0.937	0.00 - 0.50
6-00297	60460	Tm-171	-6.71 U	11.1	4.09	72.4	0.00 - 0.50
6-00297	60460	U-233/234	1.08	0.0459	0.114	2.02	0.00 - 0.50
6-00297	60460	U-235/236	0.0348	0.0651	0.0212	0.151	0.00 - 0.50
6-00297	60460	U-238	1.08	0.0459	0.114	1.8	0.00 - 0.50
6-00298	60462	Ac-227	0.0215 U	0.149	0.0442	0.217	0.00 - 0.50
6-00298	60462	Ac-228	1.14	0.0634	0.0514	2.4	0.00 - 0.50
6-00298	60462	Am-241	0.0165	0.0045	0.0053	0.0454	0.00 - 0.50
6-00298	60462	Bi-212	0.844	0.0889	0.0566	2.15	0.00 - 0.50
6-00298	60462	Bi-214	0.95	0.0214	0.0417	1.59	0.00 - 0.50
6-00298	60462	C-14	-0.35 U	0.825	0.242	2.96	0.00 - 0.50
6-00298	60462	Cd-113m	25.3 U	99.9	30.9	3030	0.00 - 0.50
6-00298	60462	Cm-243/244	0.0033 U	0.0179	0.0047	0.0443	0.00 - 0.50
6-00298	60462	Co-60	-0.0012 U	0.0116	0.0034	0.028	0.00 - 0.50
6-00298	60462	Cs-134	0.005 U	0.0111	0.004	0.0864	0.00 - 0.50
6-00298	60462	Cs-137	3.02	0.0129	0.158	0.207	0.00 - 0.50
6-00298	60462	Eu-152	-0.0185 U	0.0374	0.0125	0.0566	0.00 - 0.50
6-00298	60462	Eu-154	-0.0568 UJ	0.0632	0.0238	0.15	0.00 - 0.50
6-00298	60462	Eu-155	0.0721 SJ	0.0465	0.0179	0.231	0.00 - 0.50
6-00298	60462	H-3	-0.0893 U	7.68	2.27	11.9	0.00 - 0.50
6-00298	60462	Ho-166m	0.0013 U	0.017	0.005	0.0432	0.00 - 0.50
6-00298	60462	K-40	22.4	0.0845	1.25	32.4	0.00 - 0.50
6-00298	60462	Na-22	-0.0022 U	0.0142	0.0046	0.037	0.00 - 0.50
6-00298	60462	Nb-94	0.0057 SJ	0.0099	0.0031	0.0214	0.00 - 0.50
6-00298	60462	Ni-59	0.704 UJ	3.02	0.771	5.96	0.00 - 0.50
6-00298	60462	Ni-63	-0.461 U	1.28	0.379	4.92	0.00 - 0.50
6-00298	60462	Np-236	-0.0065 U	0.0253	0.0079	0.047	0.00 - 0.50
6-00298	60462	Np-239	0.0155 U	0.0972	0.0287	0.139	0.00 - 0.50
6-00298	60462	Pa-231	-0.0334 U	0.602	0.185	0.936	0.00 - 0.50
6-00298	60462	Pb-212	1.31	0.0252	0.0782	2.69	0.00 - 0.50
6-00298	60462	Pb-214	1.02	0.0271	0.0482	1.7	0.00 - 0.50
6-00298	60462	Pu-236	-0.0055 U	0.0258	0.0055	7.79	0.00 - 0.50
6-00298	60462	Pu-238	0 U	0.0273	0.0069	0.0415	0.00 - 0.50
6-00298	60462	Pu-239/240	0.0052	0.0127	0.0039	0.0404	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00298	60462	Pu-244	0	0.0047	0.0017	0.0313	0.00 - 0.50
6-00298	60462	Sb-125	0.025 SJ	0.0403	0.0133	0.354	0.00 - 0.50
6-00298	60462	Sn-126	-0.0002 U	0.0107	0.0031	0.0237	0.00 - 0.50
6-00298	60462	Sr-90	0.0159 U	0.118	0.0336	0.485	0.00 - 0.50
6-00298	60462	Tc-99	-0.189 U	1.37	0.396	1.63	0.00 - 0.50
6-00298	60462	Th-228	1.23	0.09	0.122	3.98	0.00 - 0.50
6-00298	60462	Th-229	-0.0208 U	0.0979	0.0208	0.145	0.00 - 0.50
6-00298	60462	Th-230	0.72	0.0643	0.0833	2.2	0.00 - 0.50
6-00298	60462	Th-232	1	0.0508	0.102	3.1	0.00 - 0.50
6-00298	60462	Th-234	1.55	0.187	0.124	3.19	0.00 - 0.50
6-00298	60462	Tl-208	0.399	0.0128	0.0217	0.937	0.00 - 0.50
6-00298	60462	Tm-171	-2.29 U	7.58	2.62	72.4	0.00 - 0.50
6-00298	60462	U-233/234	1.1	0.0414	0.118	2.02	0.00 - 0.50
6-00298	60462	U-235/236	0.0905	0.0511	0.0292	0.151	0.00 - 0.50
6-00298	60462	U-238	1.05	0.0176	0.114	1.8	0.00 - 0.50
6-00299	60464	Ac-227	-0.135 U	0.198	0.0702	0.217	0.00 - 0.50
6-00299	60464	Ac-228	1.06	0.128	0.0538	2.4	0.00 - 0.50
6-00299	60464	Am-241	0.0024	0.0064	0.0024	0.0454	0.00 - 0.50
6-00299	60464	Bi-212	0.992	0.168	0.0987	2.15	0.00 - 0.50
6-00299	60464	Bi-214	0.844	0.0357	0.0442	1.59	0.00 - 0.50
6-00299	60464	C-14	-0.266 U	0.711	0.208	2.96	0.00 - 0.50
6-00299	60464	Cd-113m	13.1 U	134	43.5	3030	0.00 - 0.50
6-00299	60464	Cm-243/244	0.0055	0.0153	0.0045	0.0443	0.00 - 0.50
6-00299	60464	Co-60	0.0079 U	0.0252	0.0072	0.028	0.00 - 0.50
6-00299	60464	Cs-134	0.0055 U	0.0192	0.0066	0.0864	0.00 - 0.50
6-00299	60464	Cs-137	1.02	0.0223	0.0569	0.207	0.00 - 0.50
6-00299	60464	Eu-152	-0.0325 U	0.052	0.0173	0.0566	0.00 - 0.50
6-00299	60464	Eu-154	-0.0534 U	0.12	0.0445	0.15	0.00 - 0.50
6-00299	60464	Eu-155	0.0495 JS	0.0593	0.0207	0.231	0.00 - 0.50
6-00299	60464	H-3	2.48 U	7.11	2.09	11.9	0.00 - 0.50
6-00299	60464	Ho-166m	0.0078 U	0.0324	0.0093	0.0432	0.00 - 0.50
6-00299	60464	K-40	20.6	0.186	1.14	32.4	0.00 - 0.50
6-00299	60464	Na-22	-0.0011 U	0.0285	0.0082	0.037	0.00 - 0.50
6-00299	60464	Nb-94	0.0063 U	0.0192	0.0056	0.0214	0.00 - 0.50
6-00299	60464	Ni-59	-1.08 U	5.58	1.55	5.96	0.00 - 0.50
6-00299	60464	Ni-63	-0.201 U	1.52	0.449	4.92	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00299	60464	Np-236	0.0153 U	0.0315	0.0098	0.047	0.00 - 0.50
6-00299	60464	Np-239	-0.022 U	0.128	0.0396	0.139	0.00 - 0.50
6-00299	60464	Pa-231	-0.225 U	0.85	0.271	0.936	0.00 - 0.50
6-00299	60464	Pb-212	1.19	0.0372	0.0681	2.69	0.00 - 0.50
6-00299	60464	Pb-214	0.948	0.0375	0.0466	1.7	0.00 - 0.50
6-00299	60464	Pu-236	0.0012 U	0.0331	0.0078	7.79	0.00 - 0.50
6-00299	60464	Pu-238	0.0076 U	0.033	0.009	0.0415	0.00 - 0.50
6-00299	60464	Pu-239/240	0.0213	0.0222	0.009	0.0404	0.00 - 0.50
6-00299	60464	Pu-244	0.0028	0.0076	0.0028	0.0313	0.00 - 0.50
6-00299	60464	Sb-125	0.0067 U	0.0588	0.0173	0.354	0.00 - 0.50
6-00299	60464	Sn-126	-0.0035 U	0.0205	0.006	0.0237	0.00 - 0.50
6-00299	60464	Sr-90	0.149 U	0.301	0.093	0.485	0.00 - 0.50
6-00299	60464	Tc-99	-0.358 U	1.82	0.53	1.63	0.00 - 0.50
6-00299	60464	Th-228	1.33	0.0826	0.129	3.98	0.00 - 0.50
6-00299	60464	Th-229	0.0345	0.0507	0.0183	0.145	0.00 - 0.50
6-00299	60464	Th-230	0.914	0.0186	0.0956	2.2	0.00 - 0.50
6-00299	60464	Th-232	0.953	0.0505	0.0986	3.1	0.00 - 0.50
6-00299	60464	Th-234	1.46	0.226	0.129	3.19	0.00 - 0.50
6-00299	60464	Tl-208	0.409	0.0213	0.0265	0.937	0.00 - 0.50
6-00299	60464	Tm-171	0.198 U	7.42	2.37	72.4	0.00 - 0.50
6-00299	60464	U-233/234	0.765	0.0556	0.102	2.02	0.00 - 0.50
6-00299	60464	U-235/236	0.0647	0.0292	0.0269	0.151	0.00 - 0.50
6-00299	60464	U-238	0.916	0.0236	0.115	1.8	0.00 - 0.50
6-00299	60465	Ac-227	0.0748 U	0.209	0.0642	0.217	1.00 - 5.00
6-00299	60465	Ac-228	1.26	0.0913	0.0637	2.4	1.00 - 5.00
6-00299	60465	Am-241	0.0014 U	0.0158	0.0032	0.0454	1.00 - 5.00
6-00299	60465	Bi-212	0.835	0.131	0.0692	2.15	1.00 - 5.00
6-00299	60465	Bi-214	0.933	0.0286	0.0447	1.59	1.00 - 5.00
6-00299	60465	C-14	-0.0649 U	0.867	0.255	2.96	1.00 - 5.00
6-00299	60465	Cd-113m	-77.5 U	137	48	3030	1.00 - 5.00
6-00299	60465	Cm-243/244	-0.0001 U	0.024	0.0049	0.0443	1.00 - 5.00
6-00299	60465	Co-60	0.0082 U	0.0182	0.0054	0.028	1.00 - 5.00
6-00299	60465	Cs-134	0.007 U	0.0149	0.0052	0.0864	1.00 - 5.00
6-00299	60465	Cs-137	0.0799	0.0179	0.0092	0.207	1.00 - 5.00
6-00299	60465	Eu-152	-0.0035 U	0.0488	0.0181	0.0566	1.00 - 5.00
6-00299	60465	Eu-154	0.12 J	0.104	0.0435	0.15	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00299	60465	Eu-155	0.0688 SJ	0.0767	0.0285	0.231	1.00 - 5.00
6-00299	60465	H-3	2.68 U	7.74	2.28	11.9	1.00 - 5.00
6-00299	60465	Ho-166m	-0.0238 UJ	0.025	0.0096	0.0432	1.00 - 5.00
6-00299	60465	K-40	20.6	0.129	1.36	32.4	1.00 - 5.00
6-00299	60465	Na-22	-0.0035 U	0.0207	0.0061	0.037	1.00 - 5.00
6-00299	60465	Nb-94	0.0009 U	0.0156	0.0046	0.0214	1.00 - 5.00
6-00299	60465	Ni-59	0.855 UJ	4.27	1.12	5.96	1.00 - 5.00
6-00299	60465	Ni-63	0.984	1.29	0.408	4.92	1.00 - 5.00
6-00299	60465	Np-236	-0.0093 U	0.0405	0.0121	0.047	1.00 - 5.00
6-00299	60465	Np-239	-0.0552 U	0.136	0.043	0.139	1.00 - 5.00
6-00299	60465	Pa-231	0.329 U	0.868	0.306	0.936	1.00 - 5.00
6-00299	60465	Pb-212	1.42	0.0342	0.0948	2.69	1.00 - 5.00
6-00299	60465	Pb-214	1.04	0.0351	0.0528	1.7	1.00 - 5.00
6-00299	60465	Pu-236	-0.0018 U	0.0159	0.0031	7.79	1.00 - 5.00
6-00299	60465	Pu-238	0.0007 U	0.0154	0.003	0.0415	1.00 - 5.00
6-00299	60465	Pu-239/240	0.0062 U	0.019	0.0054	0.0404	1.00 - 5.00
6-00299	60465	Pu-244	0.0031 U	0.0154	0.0038	0.0313	1.00 - 5.00
6-00299	60465	Sb-125	0.0047 U	0.0461	0.0139	0.354	1.00 - 5.00
6-00299	60465	Sn-126	-0.0026 U	0.0172	0.0051	0.0237	1.00 - 5.00
6-00299	60465	Sr-90	0.161 U	0.32	0.099	0.485	1.00 - 5.00
6-00299	60465	Tc-99	0.101 U	0.857	0.248	1.63	1.00 - 5.00
6-00299	60465	Th-228	1.37	0.0767	0.129	3.98	1.00 - 5.00
6-00299	60465	Th-229	0.0204 U	0.063	0.018	0.145	1.00 - 5.00
6-00299	60465	Th-230	0.921	0.0629	0.0968	2.2	1.00 - 5.00
6-00299	60465	Th-232	1.07	0.0183	0.106	3.1	1.00 - 5.00
6-00299	60465	Th-234	1.73 J	0.321	0.188	3.19	1.00 - 5.00
6-00299	60465	Tl-208	0.413	0.0167	0.0236	0.937	1.00 - 5.00
6-00299	60465	Tm-171	-6.02 U	16.2	6.36	72.4	1.00 - 5.00
6-00299	60465	U-233/234	0.99	0.0671	0.103	2.02	1.00 - 5.00
6-00299	60465	U-235/236	0.0508	0.0172	0.0183	0.151	1.00 - 5.00
6-00299	60465	U-238	1.16	0.0405	0.115	1.8	1.00 - 5.00
6-00300	60466	Ac-227	-0.0055 U	0.175	0.0508	0.217	0.00 - 0.50
6-00300	60466	Ac-228	1.06	0.0844	0.0522	2.4	0.00 - 0.50
6-00300	60466	Am-241	-0.0003 U	0.0186	0.0039	0.0454	0.00 - 0.50
6-00300	60466	Bi-212	0.754	0.112	0.0709	2.15	0.00 - 0.50
6-00300	60466	Bi-214	0.755	0.0259	0.0365	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00300	60466	C-14	0.0668 U	0.681	0.203	2.96	0.00 - 0.50
6-00300	60466	Cd-113m	-13.1 U	115	33.8	3030	0.00 - 0.50
6-00300	60466	Cm-243/244	-0.0003 U	0.0188	0.0039	0.0443	0.00 - 0.50
6-00300	60466	Co-60	0.009 J	0.0156	0.0049	0.028	0.00 - 0.50
6-00300	60466	Cs-134	0 U	0.0128	0.0044	0.0864	0.00 - 0.50
6-00300	60466	Cs-137	1.44	0.015	0.0771	0.207	0.00 - 0.50
6-00300	60466	Eu-152	-0.0114 U	0.0422	0.0138	0.0566	0.00 - 0.50
6-00300	60466	Eu-154	-0.0599 UJ	0.0824	0.0291	0.15	0.00 - 0.50
6-00300	60466	Eu-155	0.0615 JS	0.0602	0.023	0.231	0.00 - 0.50
6-00300	60466	H-3	3.34 U	7.4	2.24	11.9	0.00 - 0.50
6-00300	60466	Ho-166m	0.0099 U	0.0224	0.007	0.0432	0.00 - 0.50
6-00300	60466	K-40	19.8	0.0981	1.11	32.4	0.00 - 0.50
6-00300	60466	Na-22	-0.0028 U	0.0173	0.0052	0.037	0.00 - 0.50
6-00300	60466	Nb-94	0.0032 U	0.0124	0.0038	0.0214	0.00 - 0.50
6-00300	60466	Ni-59	-2.37 U	3.88	1.32	5.96	0.00 - 0.50
6-00300	60466	Ni-63	0.489 U	1.52	0.461	4.92	0.00 - 0.50
6-00300	60466	Np-236	-0.0051 U	0.0313	0.0096	0.047	0.00 - 0.50
6-00300	60466	Np-239	-0.0097 U	0.114	0.0357	0.139	0.00 - 0.50
6-00300	60466	Pa-231	0.0033 U	0.722	0.211	0.936	0.00 - 0.50
6-00300	60466	Pb-212	1.18	0.0317	0.0701	2.69	0.00 - 0.50
6-00300	60466	Pb-214	0.85	0.0312	0.0417	1.7	0.00 - 0.50
6-00300	60466	Pu-236	-0.0005 U	0.0283	0.0059	7.79	0.00 - 0.50
6-00300	60466	Pu-238	0.0095	0.0185	0.0062	0.0415	0.00 - 0.50
6-00300	60466	Pu-239/240	0.0066	0.0184	0.0054	0.0404	0.00 - 0.50
6-00300	60466	Pu-244	0.0116	0.0078	0.0058	0.0313	0.00 - 0.50
6-00300	60466	Sb-125	0.0056 U	0.0445	0.0132	0.354	0.00 - 0.50
6-00300	60466	Sn-126	0.007 J	0.0139	0.0044	0.0237	0.00 - 0.50
6-00300	60466	Sr-90	0.314	0.396	0.129	0.485	0.00 - 0.50
6-00300	60466	Tc-99	-0.643 U	1.9	0.548	1.63	0.00 - 0.50
6-00300	60466	Th-228	1.22	0.073	0.122	3.98	0.00 - 0.50
6-00300	60466	Th-229	0.0353	0.0191	0.0159	0.145	0.00 - 0.50
6-00300	60466	Th-230	0.936	0.0518	0.0984	2.2	0.00 - 0.50
6-00300	60466	Th-232	0.842	0.0652	0.0923	3.1	0.00 - 0.50
6-00300	60466	Th-234	1.23 J	0.243	0.134	3.19	0.00 - 0.50
6-00300	60466	Tl-208	0.359	0.0152	0.0206	0.937	0.00 - 0.50
6-00300	60466	Tm-171	2.79 U	10.9	3.64	72.4	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00300	60466	U-233/234	0.627	0.0395	0.0782	2.02	0.00 - 0.50
6-00300	60466	U-235/236	0.046	0.0208	0.0191	0.151	0.00 - 0.50
6-00300	60466	U-238	0.664	0.0168	0.081	1.8	0.00 - 0.50
6-00301	60468	Ac-227	-0.0823 U	0.161	0.0519	0.217	0.00 - 0.50
6-00301	60468	Ac-228	1.41	0.0877	0.0652	2.4	0.00 - 0.50
6-00301	60468	Am-241	0.0048	0.0044	0.0028	0.0454	0.00 - 0.50
6-00301	60468	Bi-212	0.973	0.115	0.0759	2.15	0.00 - 0.50
6-00301	60468	Bi-214	1.15	0.0262	0.0518	1.59	0.00 - 0.50
6-00301	60468	Cd-113m	0.321 U	107	33.9	3030	0.00 - 0.50
6-00301	60468	Cm-243/244	-0.0098 U	0.0317	0.0073	0.0443	0.00 - 0.50
6-00301	60468	Co-60	0.0073 U	0.0168	0.0052	0.028	0.00 - 0.50
6-00301	60468	Cs-134	-0.0007 U	0.0133	0.0045	0.0864	0.00 - 0.50
6-00301	60468	Cs-137	0.151	0.0155	0.0107	0.207	0.00 - 0.50
6-00301	60468	Eu-152	-0.0378 UJ	0.0391	0.0159	0.0566	0.00 - 0.50
6-00301	60468	Eu-154	-0.0795 UJ	0.0872	0.0326	0.15	0.00 - 0.50
6-00301	60468	Eu-155	0.0917 SJ	0.0536	0.024	0.231	0.00 - 0.50
6-00301	60468	Ho-166m	-0.0055 U	0.0234	0.0072	0.0432	0.00 - 0.50
6-00301	60468	K-40	25.2	0.113	1.53	32.4	0.00 - 0.50
6-00301	60468	Na-22	-0.0086 U	0.0195	0.0063	0.037	0.00 - 0.50
6-00301	60468	Nb-94	0.0132 SJ	0.0139	0.0051	0.0214	0.00 - 0.50
6-00301	60468	Np-236	0.0118 U	0.0292	0.0102	0.047	0.00 - 0.50
6-00301	60468	Np-239	-0.0814 UJ	0.104	0.0366	0.139	0.00 - 0.50
6-00301	60468	Pa-231	0.186 U	0.669	0.202	0.936	0.00 - 0.50
6-00301	60468	Pb-212	1.64	0.0281	0.0967	2.69	0.00 - 0.50
6-00301	60468	Pb-214	1.34	0.0282	0.0621	1.7	0.00 - 0.50
6-00301	60468	Pu-236	0.004 U	0.0333	0.0089	7.79	0.00 - 0.50
6-00301	60468	Pu-238	-0.0038 U	0.0342	0.0084	0.0415	0.00 - 0.50
6-00301	60468	Pu-239/240	0.0056 U	0.0247	0.0068	0.0404	0.00 - 0.50
6-00301	60468	Pu-244	0.0075	0.0175	0.0053	0.0313	0.00 - 0.50
6-00301	60468	Sb-125	0.0074 U	0.0397	0.0121	0.354	0.00 - 0.50
6-00301	60468	Sn-126	-0.0001 U	0.015	0.0045	0.0237	0.00 - 0.50
6-00301	60468	Sr-90	0.0143 U	0.164	0.0453	0.485	0.00 - 0.50
6-00301	60468	Th-228	1.32	0.0769	0.125	3.98	0.00 - 0.50
6-00301	60468	Th-229	0.0134 U	0.0492	0.0134	0.145	0.00 - 0.50
6-00301	60468	Th-230	0.879	0.018	0.092	2.2	0.00 - 0.50
6-00301	60468	Th-232	1.2	0.0489	0.113	3.1	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00301	60468	Th-234	1.95	0.245	0.166	3.19	0.00 - 0.50
6-00301	60468	Tl-208	0.511	0.0149	0.0277	0.937	0.00 - 0.50
6-00301	60468	Tm-171	-3.21 U	12.7	4.24	72.4	0.00 - 0.50
6-00301	60468	U-233/234	1	0.0408	0.111	2.02	0.00 - 0.50
6-00301	60468	U-235/236	0.0418	0.0504	0.0205	0.151	0.00 - 0.50
6-00301	60468	U-238	0.982	0.0408	0.109	1.8	0.00 - 0.50
6-00301	60469	Ac-227	0.0154 U	0.179	0.0549	0.217	1.00 - 5.00
6-00301	60469	Ac-228	1.16	0.112	0.0571	2.4	1.00 - 5.00
6-00301	60469	Am-241	-0.0009 U	0.0162	0.0029	0.0454	1.00 - 5.00
6-00301	60469	Bi-212	0.894	0.157	0.0836	2.15	1.00 - 5.00
6-00301	60469	Bi-214	0.925	0.0339	0.0459	1.59	1.00 - 5.00
6-00301	60469	Cd-113m	-50.9 U	123	40.4	3030	1.00 - 5.00
6-00301	60469	Cm-243/244	0.0083	0.0056	0.0042	0.0443	1.00 - 5.00
6-00301	60469	Co-60	-0.005 U	0.0215	0.0064	0.028	1.00 - 5.00
6-00301	60469	Cs-134	-0.0028 U	0.017	0.006	0.0864	1.00 - 5.00
6-00301	60469	Cs-137	-0.0099 U	0.02	0.0067	0.207	1.00 - 5.00
6-00301	60469	Eu-152	-0.0103 U	0.0481	0.0154	0.0566	1.00 - 5.00
6-00301	60469	Eu-154	-0.0702 U	0.114	0.0389	0.15	1.00 - 5.00
6-00301	60469	Eu-155	0.0921 JS	0.052	0.0241	0.231	1.00 - 5.00
6-00301	60469	Ho-166m	-0.0147 U	0.0316	0.01	0.0432	1.00 - 5.00
6-00301	60469	K-40	19.6	0.148	1.08	32.4	1.00 - 5.00
6-00301	60469	Na-22	-0.0144 U	0.0234	0.0078	0.037	1.00 - 5.00
6-00301	60469	Nb-94	0.005 U	0.0186	0.0054	0.0214	1.00 - 5.00
6-00301	60469	Np-236	0.0039 U	0.03	0.0089	0.047	1.00 - 5.00
6-00301	60469	Np-239	0.0208 U	0.122	0.0375	0.139	1.00 - 5.00
6-00301	60469	Pa-231	0.759 J	0.801	0.298	0.936	1.00 - 5.00
6-00301	60469	Pb-212	1.32	0.0308	0.074	2.69	1.00 - 5.00
6-00301	60469	Pb-214	0.947	0.0349	0.0452	1.7	1.00 - 5.00
6-00301	60469	Pu-236	-0.0138 U	0.0421	0.008	7.79	1.00 - 5.00
6-00301	60469	Pu-238	0.0029 U	0.0374	0.0094	0.0415	1.00 - 5.00
6-00301	60469	Pu-239/240	0.0091	0.0082	0.0053	0.0404	1.00 - 5.00
6-00301	60469	Pu-244	0.0017 U	0.0238	0.0053	0.0313	1.00 - 5.00
6-00301	60469	Sb-125	0.0064 U	0.0472	0.0139	0.354	1.00 - 5.00
6-00301	60469	Sn-126	-0.0053 U	0.0198	0.0059	0.0237	1.00 - 5.00
6-00301	60469	Sr-90	0.0381 U	0.237	0.0657	0.485	1.00 - 5.00
6-00301	60469	Th-228	1.32	0.0843	0.124	3.98	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00301	60469	Th-229	0.0343 U	0.0967	0.0283	0.145	1.00 - 5.00
6-00301	60469	Th-230	0.889	0.0503	0.094	2.2	1.00 - 5.00
6-00301	60469	Th-232	1.4	0.0185	0.127	3.1	1.00 - 5.00
6-00301	60469	Th-234	1.32	0.221	0.115	3.19	1.00 - 5.00
6-00301	60469	Tl-208	0.402	0.0195	0.025	0.937	1.00 - 5.00
6-00301	60469	Tm-171	0.601 U	6.71	2.14	72.4	1.00 - 5.00
6-00301	60469	U-233/234	1.09	0.0605	0.115	2.02	1.00 - 5.00
6-00301	60469	U-235/236	0.0618	0.0475	0.0235	0.151	1.00 - 5.00
6-00301	60469	U-238	0.969	0.0476	0.105	1.8	1.00 - 5.00
6-00302	60470	Ac-227	-0.069 U	0.137	0.044	0.217	0.00 - 0.50
6-00302	60470	Ac-228	1.11	0.0679	0.0504	2.4	0.00 - 0.50
6-00302	60470	Am-241	0.0033 U	0.0152	0.004	0.0454	0.00 - 0.50
6-00302	60470	Bi-212	0.759	0.0862	0.0558	2.15	0.00 - 0.50
6-00302	60470	Bi-214	0.72	0.0206	0.0336	1.59	0.00 - 0.50
6-00302	60470	Cd-113m	45.1 U	92.7	29.1	3030	0.00 - 0.50
6-00302	60470	Cm-243/244	-0.0066 U	0.0233	0.0047	0.0443	0.00 - 0.50
6-00302	60470	Co-60	0.0031 U	0.0122	0.0036	0.028	0.00 - 0.50
6-00302	60470	Cs-134	0.0006 U	0.0102	0.0036	0.0864	0.00 - 0.50
6-00302	60470	Cs-137	1.86	0.0119	0.0979	0.207	0.00 - 0.50
6-00302	60470	Eu-152	-0.008 U	0.0345	0.0109	0.0566	0.00 - 0.50
6-00302	60470	Eu-154	-0.0643 UJ	0.0631	0.025	0.15	0.00 - 0.50
6-00302	60470	Eu-155	0.045 JS	0.0446	0.0168	0.231	0.00 - 0.50
6-00302	60470	Ho-166m	-0.0017 U	0.0168	0.0049	0.0432	0.00 - 0.50
6-00302	60470	K-40	25.7	0.083	1.43	32.4	0.00 - 0.50
6-00302	60470	Na-22	-0.0032 U	0.0147	0.0046	0.037	0.00 - 0.50
6-00302	60470	Nb-94	0.0078 JS	0.01	0.0034	0.0214	0.00 - 0.50
6-00302	60470	Np-236	-0.0176 UJ	0.0239	0.0085	0.047	0.00 - 0.50
6-00302	60470	Np-239	0.0216 U	0.0909	0.027	0.139	0.00 - 0.50
6-00302	60470	Pa-231	0.0064 U	0.561	0.172	0.936	0.00 - 0.50
6-00302	60470	Pb-212	1.25	0.0236	0.0745	2.69	0.00 - 0.50
6-00302	60470	Pb-214	0.773	0.0249	0.0373	1.7	0.00 - 0.50
6-00302	60470	Pu-236	-0.0079 U	0.023	0.0049	7.79	0.00 - 0.50
6-00302	60470	Pu-238	-0.0037 U	0.0198	0.0045	0.0415	0.00 - 0.50
6-00302	60470	Pu-239/240	0.0075	0.0149	0.0047	0.0404	0.00 - 0.50
6-00302	60470	Pu-244	0.005	0.0116	0.0035	0.0313	0.00 - 0.50
6-00302	60470	Sb-125	0.0068 U	0.0358	0.0109	0.354	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00302	60470	Sn-126	0.0021 U	0.011	0.0032	0.0237	0.00 - 0.50
6-00302	60470	Sr-90	-0.0058 U	0.0952	0.0251	0.485	0.00 - 0.50
6-00302	60470	Th-228	1.02	0.13	0.111	3.98	0.00 - 0.50
6-00302	60470	Th-229	0.0069 U	0.0747	0.0184	0.145	0.00 - 0.50
6-00302	60470	Th-230	0.65	0.0187	0.077	2.2	0.00 - 0.50
6-00302	60470	Th-232	1.02	0.0187	0.103	3.1	0.00 - 0.50
6-00302	60470	Th-234	1.09	0.188	0.102	3.19	0.00 - 0.50
6-00302	60470	Tl-208	0.383	0.0118	0.0209	0.937	0.00 - 0.50
6-00302	60470	Tm-171	-1.81 U	7.24	2.48	72.4	0.00 - 0.50
6-00302	60470	U-233/234	0.655	0.0438	0.0777	2.02	0.00 - 0.50
6-00302	60470	U-235/236	0.0293	0.0437	0.0163	0.151	0.00 - 0.50
6-00302	60470	U-238	0.557	0.0604	0.0704	1.8	0.00 - 0.50
6-00302	60471	Ac-227	-0.0273 U	0.125	0.0394	0.217	1.00 - 2.20
6-00302	60471	Ac-228	1.09	0.0831	0.0495	2.4	1.00 - 2.20
6-00302	60471	Am-241	0.0087	0.0118	0.0062	0.0454	1.00 - 2.20
6-00302	60471	Bi-212	0.668	0.113	0.0622	2.15	1.00 - 2.20
6-00302	60471	Bi-214	0.715	0.0228	0.0342	1.59	1.00 - 2.20
6-00302	60471	Cd-113m	8.07 U	83.1	25.7	3030	1.00 - 2.20
6-00302	60471	Cm-243/244	-0.0019 U	0.0345	0.0062	0.0443	1.00 - 2.20
6-00302	60471	Co-60	-0.0002 U	0.0157	0.0046	0.028	1.00 - 2.20
6-00302	60471	Cs-134	0.0044 U	0.0117	0.0041	0.0864	1.00 - 2.20
6-00302	60471	Cs-137	0.116	0.0135	0.0086	0.207	1.00 - 2.20
6-00302	60471	Eu-152	0.002 UJ	0.0327	0.0103	0.0566	1.00 - 2.20
6-00302	60471	Eu-154	-0.0549 U	0.0827	0.0286	0.15	1.00 - 2.20
6-00302	60471	Eu-155	0.0719 SJ	0.0361	0.0167	0.231	1.00 - 2.20
6-00302	60471	Ho-166m	0.0035 U	0.0216	0.0063	0.0432	1.00 - 2.20
6-00302	60471	K-40	23.1	0.097	1.25	32.4	1.00 - 2.20
6-00302	60471	Na-22	-0.012 U	0.018	0.0061	0.037	1.00 - 2.20
6-00302	60471	Nb-94	0.0108 SJ	0.0127	0.0044	0.0214	1.00 - 2.20
6-00302	60471	Np-236	0.0049 U	0.0202	0.0067	0.047	1.00 - 2.20
6-00302	60471	Np-239	-0.0007 U	0.0834	0.0256	0.139	1.00 - 2.20
6-00302	60471	Pa-231	0.0003 U	0.537	0.167	0.936	1.00 - 2.20
6-00302	60471	Pb-212	1.16	0.0215	0.0646	2.69	1.00 - 2.20
6-00302	60471	Pb-214	0.746	0.0231	0.0346	1.7	1.00 - 2.20
6-00302	60471	Pu-236	-0.009 UJ	0.0496	0.0107	7.79	1.00 - 2.20
6-00302	60471	Pu-238	-0.0051 UJ	0.0474	0.0108	0.0415	1.00 - 2.20

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00302	60471	Pu-239/240	-0.0006 UJ	0.0313	0.0065	0.0404	1.00 - 2.20
6-00302	60471	Pu-244	0.0173 J	0.0094	0.0078	0.0313	1.00 - 2.20
6-00302	60471	Sb-125	0.0126 U	0.0332	0.0101	0.354	1.00 - 2.20
6-00302	60471	Sn-126	0.0086 J	0.014	0.0044	0.0237	1.00 - 2.20
6-00302	60471	Sr-90	-0.0294 U	0.114	0.0267	0.485	1.00 - 2.20
6-00302	60471	Th-228	1.07	0.0844	0.0998	3.98	1.00 - 2.20
6-00302	60471	Th-229	-0.0106 U	0.0635	0.0129	0.145	1.00 - 2.20
6-00302	60471	Th-230	0.664	0.049	0.0706	2.2	1.00 - 2.20
6-00302	60471	Th-232	1.12	0.0488	0.0997	3.1	1.00 - 2.20
6-00302	60471	Th-234	1.04	0.152	0.0832	3.19	1.00 - 2.20
6-00302	60471	Tl-208	0.381	0.0135	0.0219	0.937	1.00 - 2.20
6-00302	60471	Tm-171	1.82 U	4.68	1.55	72.4	1.00 - 2.20
6-00302	60471	U-233/234	0.641	0.0679	0.0789	2.02	1.00 - 2.20
6-00302	60471	U-235/236	0.0902	0.0567	0.0286	0.151	1.00 - 2.20
6-00302	60471	U-238	0.638	0.0526	0.0779	1.8	1.00 - 2.20
6-00303	60472	Ac-227	0.0183 U	0.152	0.045	0.217	0.00 - 0.50
6-00303	60472	Ac-228	1.16	0.0788	0.0543	2.4	0.00 - 0.50
6-00303	60472	Am-241	0.0166	0.0111	0.0055	0.0454	0.00 - 0.50
6-00303	60472	Bi-212	0.724	0.104	0.059	2.15	0.00 - 0.50
6-00303	60472	Bi-214	0.88	0.0252	0.0407	1.59	0.00 - 0.50
6-00303	60472	Cd-113m	-13.1 U	99.2	29.6	3030	0.00 - 0.50
6-00303	60472	Cm-243/244	0.0015	0.0041	0.0015	0.0443	0.00 - 0.50
6-00303	60472	Co-60	-0.0007 U	0.0145	0.0043	0.028	0.00 - 0.50
6-00303	60472	Cs-134	0.0077 JS	0.0126	0.0045	0.0864	0.00 - 0.50
6-00303	60472	Cs-137	1.18	0.0149	0.0634	0.207	0.00 - 0.50
6-00303	60472	Eu-152	-0.0188 U	0.038	0.0133	0.0566	0.00 - 0.50
6-00303	60472	Eu-154	-0.0781 UJ	0.0802	0.0308	0.15	0.00 - 0.50
6-00303	60472	Eu-155	0.0577 JS	0.0505	0.0218	0.231	0.00 - 0.50
6-00303	60472	Ho-166m	-0.0007 U	0.0207	0.0062	0.0432	0.00 - 0.50
6-00303	60472	K-40	23.8	0.101	1.44	32.4	0.00 - 0.50
6-00303	60472	Na-22	-0.0208 UJ	0.0167	0.0073	0.037	0.00 - 0.50
6-00303	60472	Nb-94	0.0007 U	0.012	0.0036	0.0214	0.00 - 0.50
6-00303	60472	Np-236	-0.0057 U	0.0269	0.0083	0.047	0.00 - 0.50
6-00303	60472	Np-239	0.0024 U	0.0985	0.0289	0.139	0.00 - 0.50
6-00303	60472	Pa-231	0.0823 U	0.632	0.194	0.936	0.00 - 0.50
6-00303	60472	Pb-212	1.3	0.026	0.0768	2.69	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00303	60472	Pb-214	0.992	0.0272	0.0473	1.7	0.00 - 0.50
6-00303	60472	Pu-236	-0.0052 U	0.0205	0.0045	7.79	0.00 - 0.50
6-00303	60472	Pu-238	0.0037 U	0.0239	0.0066	0.0415	0.00 - 0.50
6-00303	60472	Pu-239/240	0.038	0.009	0.0073	0.0404	0.00 - 0.50
6-00303	60472	Pu-244	0.0123 J	0.0033	0.0039	0.0313	0.00 - 0.50
6-00303	60472	Sb-125	0.0117 U	0.0396	0.0123	0.354	0.00 - 0.50
6-00303	60472	Sn-126	-0.0014 U	0.0133	0.004	0.0237	0.00 - 0.50
6-00303	60472	Sr-90	0.0875	0.117	0.0384	0.485	0.00 - 0.50
6-00303	60472	Th-228	0.933	0.0841	0.0992	3.98	0.00 - 0.50
6-00303	60472	Th-229	0.0196 U	0.0702	0.0196	0.145	0.00 - 0.50
6-00303	60472	Th-230	0.69	0.0605	0.079	2.2	0.00 - 0.50
6-00303	60472	Th-232	0.882	0.0478	0.0917	3.1	0.00 - 0.50
6-00303	60472	Th-234	1.32 J	0.219	0.134	3.19	0.00 - 0.50
6-00303	60472	Tl-208	0.407	0.0136	0.0231	0.937	0.00 - 0.50
6-00303	60472	Tm-171	3.38 U	11.3	3.77	72.4	0.00 - 0.50
6-00303	60472	U-233/234	0.7	0.0167	0.0838	2.02	0.00 - 0.50
6-00303	60472	U-235/236	0.0152	0.0206	0.0108	0.151	0.00 - 0.50
6-00303	60472	U-238	0.776	0.0618	0.0911	1.8	0.00 - 0.50
6-00304	60474	Ac-227	0.0455 U	0.145	0.0451	0.217	0.00 - 0.50
6-00304	60474	Ac-228	1.03	0.0711	0.0478	2.4	0.00 - 0.50
6-00304	60474	Am-241	0.004 U	0.0213	0.0056	0.0454	0.00 - 0.50
6-00304	60474	Bi-212	0.768	0.0953	0.0556	2.15	0.00 - 0.50
6-00304	60474	Bi-214	0.855	0.0217	0.0384	1.59	0.00 - 0.50
6-00304	60474	Cd-113m	1.71 U	95.5	31.4	3030	0.00 - 0.50
6-00304	60474	Cm-243/244	-0.004 U	0.0215	0.004	0.0443	0.00 - 0.50
6-00304	60474	Co-60	0.0003 U	0.0137	0.0041	0.028	0.00 - 0.50
6-00304	60474	Cs-134	0.001 U	0.011	0.0038	0.0864	0.00 - 0.50
6-00304	60474	Cs-137	0.876	0.0129	0.0476	0.207	0.00 - 0.50
6-00304	60474	Eu-152	-0.02 U	0.0359	0.0131	0.0566	0.00 - 0.50
6-00304	60474	Eu-154	-0.0547 UJ	0.0721	0.0256	0.15	0.00 - 0.50
6-00304	60474	Eu-155	0.0526 JS	0.0485	0.0174	0.231	0.00 - 0.50
6-00304	60474	Ho-166m	-0.0049 U	0.0179	0.0056	0.0432	0.00 - 0.50
6-00304	60474	K-40	24.6	0.0935	1.43	32.4	0.00 - 0.50
6-00304	60474	Na-22	0.0029 U	0.0163	0.0049	0.037	0.00 - 0.50
6-00304	60474	Nb-94	0.0017 U	0.0109	0.0033	0.0214	0.00 - 0.50
6-00304	60474	Np-236	-0.0077 U	0.0261	0.0079	0.047	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00304	60474	Np-239	0.0198 U	0.0969	0.0295	0.139	0.00 - 0.50
6-00304	60474	Pa-231	-0.0734 U	0.593	0.182	0.936	0.00 - 0.50
6-00304	60474	Pb-212	1.18	0.0254	0.0714	2.69	0.00 - 0.50
6-00304	60474	Pb-214	0.945	0.026	0.0451	1.7	0.00 - 0.50
6-00304	60474	Pu-236	-0.0013 U	0.0175	0.004	7.79	0.00 - 0.50
6-00304	60474	Pu-238	-0.0013 U	0.0202	0.0049	0.0415	0.00 - 0.50
6-00304	60474	Pu-239/240	0.0127	0.0094	0.0044	0.0404	0.00 - 0.50
6-00304	60474	Pu-244	0.0038	0.0034	0.0022	0.0313	0.00 - 0.50
6-00304	60474	Sb-125	0.0051 U	0.0349	0.0103	0.354	0.00 - 0.50
6-00304	60474	Sn-126	-0.0048 U	0.0119	0.0038	0.0237	0.00 - 0.50
6-00304	60474	Sr-90	0.0399 U	0.171	0.0499	0.485	0.00 - 0.50
6-00304	60474	Th-228	1.26	0.0999	0.125	3.98	0.00 - 0.50
6-00304	60474	Th-229	0.0213 U	0.0659	0.0188	0.145	0.00 - 0.50
6-00304	60474	Th-230	0.729	0.0192	0.0837	2.2	0.00 - 0.50
6-00304	60474	Th-232	0.939	0.052	0.0988	3.1	0.00 - 0.50
6-00304	60474	Th-234	1.28	0.204	0.117	3.19	0.00 - 0.50
6-00304	60474	Tl-208	0.382	0.0128	0.021	0.937	0.00 - 0.50
6-00304	60474	Tm-171	-0.918 U	9.27	3.23	72.4	0.00 - 0.50
6-00304	60474	U-233/234	0.732	0.0564	0.0994	2.02	0.00 - 0.50
6-00304	60474	U-235/236	0.0249	0.0697	0.0206	0.151	0.00 - 0.50
6-00304	60474	U-238	0.547	0.0801	0.0835	1.8	0.00 - 0.50
6-00304	60475	Ac-227	0.0021 U	0.144	0.0441	0.217	1.00 - 1.70
6-00304	60475	Ac-228	0.963	0.0935	0.047	2.4	1.00 - 1.70
6-00304	60475	Am-241	0.0048	0.0065	0.0034	0.0454	1.00 - 1.70
6-00304	60475	Bi-212	0.74	0.116	0.0703	2.15	1.00 - 1.70
6-00304	60475	Bi-214	0.737	0.0258	0.0366	1.59	1.00 - 1.70
6-00304	60475	Cd-113m	16.9 U	97	29.8	3030	1.00 - 1.70
6-00304	60475	Cm-243/244	0.0024	0.0066	0.0024	0.0443	1.00 - 1.70
6-00304	60475	Co-60	-0.0019 U	0.0169	0.005	0.028	1.00 - 1.70
6-00304	60475	Cs-134	0.0005 U	0.0125	0.0043	0.0864	1.00 - 1.70
6-00304	60475	Cs-137	0.0902 J	0.0159	0.0101	0.207	1.00 - 1.70
6-00304	60475	Eu-152	0.0039 U	0.0372	0.0112	0.0566	1.00 - 1.70
6-00304	60475	Eu-154	-0.0644 UJ	0.0904	0.0321	0.15	1.00 - 1.70
6-00304	60475	Eu-155	0.0614 JS	0.0435	0.0181	0.231	1.00 - 1.70
6-00304	60475	Ho-166m	-0.0025 U	0.0242	0.0071	0.0432	1.00 - 1.70
6-00304	60475	K-40	21.3	0.11	1.14	32.4	1.00 - 1.70

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00304	60475	Na-22	-0.0077 U	0.0204	0.0064	0.037	1.00 - 1.70
6-00304	60475	Nb-94	0.0091 JS	0.014	0.0045	0.0214	1.00 - 1.70
6-00304	60475	Np-236	-0.015 U	0.0241	0.008	0.047	1.00 - 1.70
6-00304	60475	Np-239	0.0046 U	0.0955	0.029	0.139	1.00 - 1.70
6-00304	60475	Pa-231	0.159 U	0.607	0.189	0.936	1.00 - 1.70
6-00304	60475	Pb-212	1.01	0.0245	0.056	2.69	1.00 - 1.70
6-00304	60475	Pb-214	0.778	0.0262	0.0374	1.7	1.00 - 1.70
6-00304	60475	Pu-236	-0.0153 U	0.0462	0.0092	7.79	1.00 - 1.70
6-00304	60475	Pu-238	-0.0104 U	0.0409	0.0083	0.0415	1.00 - 1.70
6-00304	60475	Pu-239/240	0.0025 U	0.027	0.0064	0.0404	1.00 - 1.70
6-00304	60475	Pu-244	0.006	0.0081	0.0042	0.0313	1.00 - 1.70
6-00304	60475	Sb-125	-0.0137 U	0.0354	0.0111	0.354	1.00 - 1.70
6-00304	60475	Sn-126	0.0026 U	0.0154	0.0045	0.0237	1.00 - 1.70
6-00304	60475	Sr-90	-0.0165 U	0.189	0.0501	0.485	1.00 - 1.70
6-00304	60475	Th-228	0.791	0.132	0.107	3.98	1.00 - 1.70
6-00304	60475	Th-229	0.0379	0.088	0.0269	0.145	1.00 - 1.70
6-00304	60475	Th-230	0.614	0.102	0.0884	2.2	1.00 - 1.70
6-00304	60475	Th-232	0.913	0.0255	0.109	3.1	1.00 - 1.70
6-00304	60475	Th-234	1.12	0.176	0.0978	3.19	1.00 - 1.70
6-00304	60475	Tl-208	0.326	0.0137	0.0201	0.937	1.00 - 1.70
6-00304	60475	Tm-171	-2.35 U	5.27	1.9	72.4	1.00 - 1.70
6-00304	60475	U-233/234	0.683	0.0785	0.0871	2.02	1.00 - 1.70
6-00304	60475	U-235/236	0.0522	0.053	0.0231	0.151	1.00 - 1.70
6-00304	60475	U-238	0.619	0.0675	0.081	1.8	1.00 - 1.70
6-00305	60476	Ac-227	0.0201 U	0.309	0.0926	0.217	0.30 - 0.80
6-00305	60476	Ac-228	1.09	0.0806	0.0543	2.4	0.30 - 0.80
6-00305	60476	Am-241	-0.0093 UJ	0.0378	0.0072	0.0454	0.30 - 0.80
6-00305	60476	Bi-212	0.65	0.11	0.0621	2.15	0.30 - 0.80
6-00305	60476	Bi-214	0.63	0.0398	0.0333	1.59	0.30 - 0.80
6-00305	60476	Cd-113m	-28.8 U	210	63.5	3030	0.30 - 0.80
6-00305	60476	Cm-243/244	-0.0036 UJ	0.0277	0.0049	0.0443	0.30 - 0.80
6-00305	60476	Co-60	-0.0056 U	0.0145	0.0047	0.028	0.30 - 0.80
6-00305	60476	Cs-134	0 U	0.0198	0.0067	0.0864	0.30 - 0.80
6-00305	60476	Cs-137	15.4	0.0206	0.811	0.207	0.30 - 0.80
6-00305	60476	Eu-152	-0.0372 UJ	0.081	0.0283	0.0566	0.30 - 0.80
6-00305	60476	Eu-154	-0.0606 UJ	0.079	0.0285	0.15	0.30 - 0.80

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00305	60476	Eu-155	0.0457 JS	0.0903	0.0301	0.231	0.30 - 0.80
6-00305	60476	Ho-166m	-0.0033 U	0.0225	0.0067	0.0432	0.30 - 0.80
6-00305	60476	K-40	20.9	0.107	1.19	32.4	0.30 - 0.80
6-00305	60476	Na-22	0.0053 U	0.0181	0.0054	0.037	0.30 - 0.80
6-00305	60476	Nb-94	0.0028 U	0.0126	0.0037	0.0214	0.30 - 0.80
6-00305	60476	Np-236	0.002 U	0.0488	0.0162	0.047	0.30 - 0.80
6-00305	60476	Np-239	-0.0229 U	0.199	0.0599	0.139	0.30 - 0.80
6-00305	60476	Pa-231	0.0633 U	1.3	0.39	0.936	0.30 - 0.80
6-00305	60476	Pb-212	1.19	0.0515	0.0767	2.69	0.30 - 0.80
6-00305	60476	Pb-214	0.679	0.0597	0.0421	1.7	0.30 - 0.80
6-00305	60476	Pu-236	-0.003 U	0.0167	0.003	7.79	0.30 - 0.80
6-00305	60476	Pu-238	0.0032 U	0.0161	0.0041	0.0415	0.30 - 0.80
6-00305	60476	Pu-239/240	0.0011 U	0.0161	0.0036	0.0404	0.30 - 0.80
6-00305	60476	Pu-244	0.0006 U	0.013	0.0025	0.0313	0.30 - 0.80
6-00305	60476	Sb-125	0.0069 U	0.0917	0.0281	0.354	0.30 - 0.80
6-00305	60476	Sn-126	-0.0044 U	0.0143	0.0044	0.0237	0.30 - 0.80
6-00305	60476	Sr-90	0.198	0.254	0.0849	0.485	0.30 - 0.80
6-00305	60476	Th-228	1.2	0.0614	0.114	3.98	0.30 - 0.80
6-00305	60476	Th-229	0 U	0.0586	0.0126	0.145	0.30 - 0.80
6-00305	60476	Th-230	1.04	0.0677	0.102	2.2	0.30 - 0.80
6-00305	60476	Th-232	1.22	0.017	0.112	3.1	0.30 - 0.80
6-00305	60476	Th-234	1.09 J	0.364	0.172	3.19	0.30 - 0.80
6-00305	60476	Tl-208	0.348	0.0231	0.0226	0.937	0.30 - 0.80
6-00305	60476	Tm-171	-5.22 U	14	5.06	72.4	0.30 - 0.80
6-00305	60476	U-233/234	0.831	0.0672	0.0988	2.02	0.30 - 0.80
6-00305	60476	U-235/236	0.0354	0.0527	0.0196	0.151	0.30 - 0.80
6-00305	60476	U-238	0.687	0.0528	0.0862	1.8	0.30 - 0.80
6-00305	60477	Ac-227	-0.0652 U	0.162	0.0506	0.217	1.00 - 3.00
6-00305	60477	Ac-228	1.26	0.0838	0.0587	2.4	1.00 - 3.00
6-00305	60477	Am-241	-0.0004 U	0.0204	0.0042	0.0454	1.00 - 3.00
6-00305	60477	Bi-212	0.858	0.113	0.0833	2.15	1.00 - 3.00
6-00305	60477	Bi-214	0.898	0.0256	0.0423	1.59	1.00 - 3.00
6-00305	60477	Cd-113m	3.51 U	111	32.5	3030	1.00 - 3.00
6-00305	60477	Cm-243/244	-0.0026 U	0.0204	0.0036	0.0443	1.00 - 3.00
6-00305	60477	Co-60	-0.0007 U	0.0157	0.0045	0.028	1.00 - 3.00
6-00305	60477	Cs-134	-0.0057 U	0.0125	0.0047	0.0864	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00305	60477	Cs-137	0.0224	0.0142	0.0064	0.207	1.00 - 3.00
6-00305	60477	Eu-152	-0.0098 UJ	0.0392	0.0129	0.0566	1.00 - 3.00
6-00305	60477	Eu-154	-0.0657 UJ	0.0856	0.0308	0.15	1.00 - 3.00
6-00305	60477	Eu-155	0.0878 JS	0.0558	0.0236	0.231	1.00 - 3.00
6-00305	60477	Ho-166m	-0.01 U	0.0224	0.0071	0.0432	1.00 - 3.00
6-00305	60477	K-40	22.8	0.105	1.28	32.4	1.00 - 3.00
6-00305	60477	Na-22	0.0016 U	0.0192	0.0058	0.037	1.00 - 3.00
6-00305	60477	Nb-94	0.0084 JS	0.0139	0.0044	0.0214	1.00 - 3.00
6-00305	60477	Np-236	-0.0055 U	0.0308	0.0095	0.047	1.00 - 3.00
6-00305	60477	Np-239	0.0209 U	0.113	0.0332	0.139	1.00 - 3.00
6-00305	60477	Pa-231	0.156 U	0.675	0.2	0.936	1.00 - 3.00
6-00305	60477	Pb-212	1.36	0.0311	0.0819	2.69	1.00 - 3.00
6-00305	60477	Pb-214	1.03	0.0289	0.0501	1.7	1.00 - 3.00
6-00305	60477	Pu-236	0.0021 UJ	0.023	0.0054	7.79	1.00 - 3.00
6-00305	60477	Pu-238	-0.0022 UJ	0.0246	0.005	0.0415	1.00 - 3.00
6-00305	60477	Pu-239/240	0.0021 UJ	0.0222	0.0052	0.0404	1.00 - 3.00
6-00305	60477	Pu-244	0.0014 UJ	0.0193	0.0043	0.0313	1.00 - 3.00
6-00305	60477	Sb-125	-0.0002 U	0.0372	0.0111	0.354	1.00 - 3.00
6-00305	60477	Sn-126	0.0088 J	0.0154	0.0048	0.0237	1.00 - 3.00
6-00305	60477	Sr-90	-0.0593 U	0.325	0.0781	0.485	1.00 - 3.00
6-00305	60477	Th-228	1.45	0.105	0.145	3.98	1.00 - 3.00
6-00305	60477	Th-229	0.0498	0.0225	0.0205	0.145	1.00 - 3.00
6-00305	60477	Th-230	1.13	0.0609	0.119	2.2	1.00 - 3.00
6-00305	60477	Th-232	1.18	0.0767	0.123	3.1	1.00 - 3.00
6-00305	60477	Th-234	1.81	0.237	0.156	3.19	1.00 - 3.00
6-00305	60477	Tl-208	0.403	0.0147	0.0229	0.937	1.00 - 3.00
6-00305	60477	Tm-171	5.29 J	9.52	3.39	72.4	1.00 - 3.00
6-00305	60477	U-233/234	1.08	0.0278	0.104	2.02	1.00 - 3.00
6-00305	60477	U-235/236	0.131	0.0344	0.0288	0.151	1.00 - 3.00
6-00305	60477	U-238	1.18	0.0344	0.111	1.8	1.00 - 3.00
6-00306	60478	Ac-227	-0.124 U	1.07	0.333	0.217	0.00 - 0.50
6-00306	60478	Ac-228	1.2	0.0906	0.0676	2.4	0.00 - 0.50
6-00306	60478	Bi-212	0.911	0.143	0.089	2.15	0.00 - 0.50
6-00306	60478	Bi-214	0.908	0.13	0.0491	1.59	0.00 - 0.50
6-00306	60478	Cd-113m	-278 U	726	235	3030	0.00 - 0.50
6-00306	60478	Co-60	-0.0073 U	0.0166	0.0055	0.028	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00306	60478	Cs-134	0.0056 U	0.0676	0.0238	0.0864	0.00 - 0.50
6-00306	60478	Cs-137	196	0.103	10.2	0.207	0.00 - 0.50
6-00306	60478	Eu-152	-0.015 U	0.288	0.0938	0.0566	0.00 - 0.50
6-00306	60478	Eu-154	0.0054 U	0.0902	0.0304	0.15	0.00 - 0.50
6-00306	60478	Eu-155	-0.0631 U	0.3	0.0917	0.231	0.00 - 0.50
6-00306	60478	Ho-166m	0.0008 U	0.0312	0.0094	0.0432	0.00 - 0.50
6-00306	60478	K-40	21	0.152	1.28	32.4	0.00 - 0.50
6-00306	60478	Na-22	0.0088 U	0.0207	0.0063	0.037	0.00 - 0.50
6-00306	60478	Nb-94	0.0002 U	0.0193	0.0058	0.0214	0.00 - 0.50
6-00306	60478	Np-236	0.042 U	0.163	0.05	0.047	0.00 - 0.50
6-00306	60478	Np-239	-0.0477 U	0.684	0.212	0.139	0.00 - 0.50
6-00306	60478	Pa-231	-1.1 U	4.5	1.43	0.936	0.00 - 0.50
6-00306	60478	Pb-212	1.3	0.19	0.109	2.69	0.00 - 0.50
6-00306	60478	Pb-214	0.769	0.208	0.0746	1.7	0.00 - 0.50
6-00306	60478	Sb-125	0.0485 U	0.337	0.102	0.354	0.00 - 0.50
6-00306	60478	Sn-126	0.0093 U	0.0244	0.0076	0.0237	0.00 - 0.50
6-00306	60478	Th-234	0.451 U	1.24	0.385	3.19	0.00 - 0.50
6-00306	60478	Tl-208	0.421	0.0794	0.0361	0.937	0.00 - 0.50
6-00306	60478	Tm-171	-43.4 UJ	54	19.2	72.4	0.00 - 0.50
6-00306	60479	Ac-227	0.0388 U	0.125	0.0391	0.217	1.00 - 5.00
6-00306	60479	Ac-228	1.17	0.0731	0.0529	2.4	1.00 - 5.00
6-00306	60479	Am-241	0.0023 UJ	0.0246	0.0058	0.0454	1.00 - 5.00
6-00306	60479	Bi-212	0.842	0.0963	0.0621	2.15	1.00 - 5.00
6-00306	60479	Bi-214	0.86	0.0218	0.0399	1.59	1.00 - 5.00
6-00306	60479	Cd-113m	6.58 U	81.8	25.2	3030	1.00 - 5.00
6-00306	60479	Cm-243/244	-0.0032 UJ	0.0247	0.0044	0.0443	1.00 - 5.00
6-00306	60479	Co-60	-0.0036 U	0.0133	0.004	0.028	1.00 - 5.00
6-00306	60479	Cs-134	-0.0012 U	0.0107	0.0038	0.0864	1.00 - 5.00
6-00306	60479	Cs-137	0.06	0.0129	0.0091	0.207	1.00 - 5.00
6-00306	60479	Eu-152	-0.0009 UJ	0.0312	0.0103	0.0566	1.00 - 5.00
6-00306	60479	Eu-154	-0.0645 UJ	0.0734	0.0277	0.15	1.00 - 5.00
6-00306	60479	Eu-155	0.048 JS	0.0376	0.0157	0.231	1.00 - 5.00
6-00306	60479	Ho-166m	0.0058 U	0.0206	0.0061	0.0432	1.00 - 5.00
6-00306	60479	K-40	19.4	0.0877	1.04	32.4	1.00 - 5.00
6-00306	60479	Na-22	-0.0114 UJ	0.0159	0.0055	0.037	1.00 - 5.00
6-00306	60479	Nb-94	0.002 U	0.0117	0.0034	0.0214	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00306	60479	Np-236	-0.0031 U	0.0211	0.0062	0.047	1.00 - 5.00
6-00306	60479	Np-239	0.0241 U	0.0826	0.0257	0.139	1.00 - 5.00
6-00306	60479	Pa-231	0.0365 U	0.514	0.159	0.936	1.00 - 5.00
6-00306	60479	Pb-212	1.28	0.021	0.0698	2.69	1.00 - 5.00
6-00306	60479	Pb-214	0.945	0.0227	0.0431	1.7	1.00 - 5.00
6-00306	60479	Pu-236	-0.0015 UJ	0.0275	0.005	7.79	1.00 - 5.00
6-00306	60479	Pu-238	-0.0024 UJ	0.0215	0.0042	0.0415	1.00 - 5.00
6-00306	60479	Pu-239/240	-0.0005 UJ	0.0305	0.0064	0.0404	1.00 - 5.00
6-00306	60479	Pu-244	-0.0005 UJ	0.0305	0.0064	0.0313	1.00 - 5.00
6-00306	60479	Sb-125	0.0089 U	0.0314	0.0094	0.354	1.00 - 5.00
6-00306	60479	Sn-126	-0.0021 U	0.0129	0.0038	0.0237	1.00 - 5.00
6-00306	60479	Sr-90	0.242	0.299	0.101	0.485	1.00 - 5.00
6-00306	60479	Th-228	1.67	0.0718	0.143	3.98	1.00 - 5.00
6-00306	60479	Th-229	0.0443	0.0682	0.023	0.145	1.00 - 5.00
6-00306	60479	Th-230	1.18	0.0465	0.11	2.2	1.00 - 5.00
6-00306	60479	Th-232	1.3	0.0171	0.117	3.1	1.00 - 5.00
6-00306	60479	Th-234	1.41	0.151	0.101	3.19	1.00 - 5.00
6-00306	60479	Tl-208	0.423	0.012	0.024	0.937	1.00 - 5.00
6-00306	60479	Tm-171	2.37 J	4.64	1.66	72.4	1.00 - 5.00
6-00306	60479	U-233/234	0.982	0.0576	0.103	2.02	1.00 - 5.00
6-00306	60479	U-235/236	0.0718	0.0177	0.0223	0.151	1.00 - 5.00
6-00306	60479	U-238	1.07	0.0337	0.109	1.8	1.00 - 5.00
6-00307	60480	Ac-227	-0.0594 U	0.141	0.0438	0.217	0.00 - 0.50
6-00307	60480	Ac-228	1.13	0.0582	0.0519	2.4	0.00 - 0.50
6-00307	60480	Am-241	-0.0009 U	0.0154	0.0028	0.0454	0.00 - 0.50
6-00307	60480	Bi-212	0.775	0.0814	0.0622	2.15	0.00 - 0.50
6-00307	60480	Bi-214	0.895	0.0208	0.0398	1.59	0.00 - 0.50
6-00307	60480	Cd-113m	40.9 U	96.3	29.6	3030	0.00 - 0.50
6-00307	60480	Cm-243/244	-0.0009 U	0.0155	0.0028	0.0443	0.00 - 0.50
6-00307	60480	Co-60	0.0022 U	0.011	0.0033	0.028	0.00 - 0.50
6-00307	60480	Cs-134	0.0072 SJ	0.0108	0.004	0.0864	0.00 - 0.50
6-00307	60480	Cs-137	2.84	0.0118	0.149	0.207	0.00 - 0.50
6-00307	60480	Eu-152	-0.0059 U	0.0355	0.011	0.0566	0.00 - 0.50
6-00307	60480	Eu-154	0.0229 U	0.0582	0.02	0.15	0.00 - 0.50
6-00307	60480	Eu-155	0.0871 SJ	0.0459	0.0202	0.231	0.00 - 0.50
6-00307	60480	Ho-166m	-0.0012 UJ	0.016	0.0049	0.0432	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00307	60480	K-40	22.2	0.0756	1.23	32.4	0.00 - 0.50
6-00307	60480	Na-22	-0.0034 U	0.0131	0.0045	0.037	0.00 - 0.50
6-00307	60480	Nb-94	0.0048 SJ	0.0094	0.003	0.0214	0.00 - 0.50
6-00307	60480	Np-236	-0.0087 U	0.0249	0.0079	0.047	0.00 - 0.50
6-00307	60480	Np-239	-0.0097 U	0.0931	0.0293	0.139	0.00 - 0.50
6-00307	60480	Pa-231	0.0207 U	0.591	0.179	0.936	0.00 - 0.50
6-00307	60480	Pb-212	1.31	0.0249	0.0763	2.69	0.00 - 0.50
6-00307	60480	Pb-214	0.972	0.0256	0.0447	1.7	0.00 - 0.50
6-00307	60480	Pu-236	0.008 U	0.0349	0.0095	7.79	0.00 - 0.50
6-00307	60480	Pu-238	0.0064 U	0.0371	0.0099	0.0415	0.00 - 0.50
6-00307	60480	Pu-239/240	0.0008 U	0.018	0.0035	0.0404	0.00 - 0.50
6-00307	60480	Pu-244	0.0028	0.0077	0.0028	0.0313	0.00 - 0.50
6-00307	60480	Sb-125	-0.0048 U	0.0375	0.0113	0.354	0.00 - 0.50
6-00307	60480	Sn-126	0.005 U	0.0106	0.0034	0.0237	0.00 - 0.50
6-00307	60480	Sr-90	0.142	0.159	0.0549	0.485	0.00 - 0.50
6-00307	60480	Th-228	1.11	0.0554	0.113	3.98	0.00 - 0.50
6-00307	60480	Th-229	0 U	0.0753	0.0171	0.145	0.00 - 0.50
6-00307	60480	Th-230	0.802	0.0648	0.0893	2.2	0.00 - 0.50
6-00307	60480	Th-232	1.09	0.0188	0.108	3.1	0.00 - 0.50
6-00307	60480	Th-234	1.31	0.193	0.125	3.19	0.00 - 0.50
6-00307	60480	Tl-208	0.405	0.0116	0.0217	0.937	0.00 - 0.50
6-00307	60480	Tm-171	-2.09 U	8.42	2.86	72.4	0.00 - 0.50
6-00307	60480	U-233/234	0.823	0.0332	0.0798	2.02	0.00 - 0.50
6-00307	60480	U-235/236	0.0353	0.012	0.0127	0.151	0.00 - 0.50
6-00307	60480	U-238	0.886	0.0263	0.0843	1.8	0.00 - 0.50
6-00308	60482	Ac-227	-0.0382 U	0.119	0.0375	0.217	0.00 - 0.50
6-00308	60482	Ac-228	1.17	0.0611	0.0548	2.4	0.00 - 0.50
6-00308	60482	Am-241	-0.0025 U	0.0195	0.0035	0.0454	0.00 - 0.50
6-00308	60482	Bi-212	0.807	0.0823	0.0623	2.15	0.00 - 0.50
6-00308	60482	Bi-214	0.91	0.0186	0.0399	1.59	0.00 - 0.50
6-00308	60482	Cd-113m	-22.2 U	79.1	26.8	3030	0.00 - 0.50
6-00308	60482	Cm-243/244	-0.0025 U	0.0197	0.0035	0.0443	0.00 - 0.50
6-00308	60482	Co-60	0.0024 U	0.011	0.0033	0.028	0.00 - 0.50
6-00308	60482	Cs-134	0.0026 U	0.0097	0.0034	0.0864	0.00 - 0.50
6-00308	60482	Cs-137	0.0139	0.0103	0.0031	0.207	0.00 - 0.50
6-00308	60482	Eu-152	-0.0126 U	0.0288	0.0115	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00308	60482	Eu-154	0.0059 U	0.0595	0.0203	0.15	0.00 - 0.50
6-00308	60482	Eu-155	0.0802 SJ	0.0415	0.0167	0.231	0.00 - 0.50
6-00308	60482	Ho-166m	-0.0082 UJ	0.0161	0.0053	0.0432	0.00 - 0.50
6-00308	60482	K-40	21.5	0.0777	1.27	32.4	0.00 - 0.50
6-00308	60482	Na-22	-0.0068 U	0.0132	0.0044	0.037	0.00 - 0.50
6-00308	60482	Nb-94	0.009 SJ	0.0096	0.0038	0.0214	0.00 - 0.50
6-00308	60482	Np-236	-0.0055 U	0.0226	0.007	0.047	0.00 - 0.50
6-00308	60482	Np-239	0.0032 U	0.0811	0.0246	0.139	0.00 - 0.50
6-00308	60482	Pa-231	-0.187 U	0.494	0.159	0.936	0.00 - 0.50
6-00308	60482	Pb-212	1.33	0.021	0.0805	2.69	0.00 - 0.50
6-00308	60482	Pb-214	1.02	0.0209	0.0483	1.7	0.00 - 0.50
6-00308	60482	Pu-236	-0.0086 UJ	0.0405	0.0083	7.79	0.00 - 0.50
6-00308	60482	Pu-238	0.0084 UJ	0.0266	0.0076	0.0415	0.00 - 0.50
6-00308	60482	Pu-239/240	0.0038 UJ	0.0187	0.0047	0.0404	0.00 - 0.50
6-00308	60482	Pu-244	-0.0021 UJ	0.0187	0.0036	0.0313	0.00 - 0.50
6-00308	60482	Sb-125	0.0144 SJ	0.028	0.0088	0.354	0.00 - 0.50
6-00308	60482	Sn-126	-0.0048 U	0.0102	0.0033	0.0237	0.00 - 0.50
6-00308	60482	Sr-90	-0.0236 U	0.13	0.0322	0.485	0.00 - 0.50
6-00308	60482	Th-228	1.27	0.0887	0.123	3.98	0.00 - 0.50
6-00308	60482	Th-229	0.0343	0.0739	0.0228	0.145	0.00 - 0.50
6-00308	60482	Th-230	0.897	0.0504	0.0942	2.2	0.00 - 0.50
6-00308	60482	Th-232	1.11	0.0502	0.108	3.1	0.00 - 0.50
6-00308	60482	Th-234	1.35	0.178	0.106	3.19	0.00 - 0.50
6-00308	60482	Tl-208	0.408	0.0107	0.0215	0.937	0.00 - 0.50
6-00308	60482	Tm-171	-4.92 U	7.36	2.86	72.4	0.00 - 0.50
6-00308	60482	U-233/234	0.94	0.0418	0.088	2.02	0.00 - 0.50
6-00308	60482	U-235/236	0.0645	0.0317	0.0183	0.151	0.00 - 0.50
6-00308	60482	U-238	0.894	0.0094	0.0841	1.8	0.00 - 0.50
6-00308	60483	Ac-227	0.0234 U	0.183	0.0539	0.217	1.00 - 2.60
6-00308	60483	Ac-228	1.12	0.0952	0.0566	2.4	1.00 - 2.60
6-00308	60483	Am-241	-0.0024 UJ	0.021	0.0041	0.0454	1.00 - 2.60
6-00308	60483	Bi-212	0.769 J	0.202	0.194	2.15	1.00 - 2.60
6-00308	60483	Bi-214	0.8	0.0296	0.0409	1.59	1.00 - 2.60
6-00308	60483	Cd-113m	-19.3 U	121	39	3030	1.00 - 2.60
6-00308	60483	Cm-243/244	0.0009 UJ	0.0211	0.0041	0.0443	1.00 - 2.60
6-00308	60483	Co-60	-0.0015 U	0.0178	0.0053	0.028	1.00 - 2.60

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00308	60483	Cs-134	-0.001 U	0.0145	0.0049	0.0864	1.00 - 2.60
6-00308	60483	Cs-137	-0.01 U	0.0167	0.0056	0.207	1.00 - 2.60
6-00308	60483	Eu-152	-0.0051 U	0.0444	0.0153	0.0566	1.00 - 2.60
6-00308	60483	Eu-154	-0.0062 U	0.101	0.0294	0.15	1.00 - 2.60
6-00308	60483	Eu-155	0.0448 JS	0.0667	0.0226	0.231	1.00 - 2.60
6-00308	60483	Ho-166m	-0.003 U	0.0264	0.0079	0.0432	1.00 - 2.60
6-00308	60483	K-40	17.9	0.124	1.08	32.4	1.00 - 2.60
6-00308	60483	Na-22	-0.0033 U	0.0208	0.0063	0.037	1.00 - 2.60
6-00308	60483	Nb-94	0.006 U	0.0154	0.0047	0.0214	1.00 - 2.60
6-00308	60483	Np-236	0.004 U	0.0355	0.0108	0.047	1.00 - 2.60
6-00308	60483	Np-239	0.0345 U	0.123	0.0368	0.139	1.00 - 2.60
6-00308	60483	Pa-231	-0.247 U	0.762	0.254	0.936	1.00 - 2.60
6-00308	60483	Pb-212	1.24	0.0304	0.0831	2.69	1.00 - 2.60
6-00308	60483	Pb-214	0.881	0.0325	0.0475	1.7	1.00 - 2.60
6-00308	60483	Pu-236	-0.0054 U	0.0326	0.0068	7.79	1.00 - 2.60
6-00308	60483	Pu-238	0.0092	0.0204	0.0064	0.0415	1.00 - 2.60
6-00308	60483	Pu-239/240	-0.0037 U	0.0204	0.0037	0.0404	1.00 - 2.60
6-00308	60483	Pu-244	0.0007 U	0.0165	0.0032	0.0313	1.00 - 2.60
6-00308	60483	Sb-125	-0.0152 U	0.0412	0.0132	0.354	1.00 - 2.60
6-00308	60483	Sn-126	-0.0082 U	0.0164	0.0054	0.0237	1.00 - 2.60
6-00308	60483	Sr-90	-0.0709 U	0.271	0.0704	0.485	1.00 - 2.60
6-00308	60483	Th-228	1.4	0.0863	0.129	3.98	1.00 - 2.60
6-00308	60483	Th-229	0.0211 U	0.0756	0.0211	0.145	1.00 - 2.60
6-00308	60483	Th-230	1.08	0.019	0.106	2.2	1.00 - 2.60
6-00308	60483	Th-232	1.24	0.0189	0.116	3.1	1.00 - 2.60
6-00308	60483	Th-234	1.47 J	0.289	0.153	3.19	1.00 - 2.60
6-00308	60483	Tl-208	0.394	0.0158	0.0234	0.937	1.00 - 2.60
6-00308	60483	Tm-171	-4.58 U	13.9	4.78	72.4	1.00 - 2.60
6-00308	60483	U-233/234	0.908	0.057	0.0992	2.02	1.00 - 2.60
6-00308	60483	U-235/236	0.041	0.0636	0.0219	0.151	1.00 - 2.60
6-00308	60483	U-238	1.07	0.0448	0.112	1.8	1.00 - 2.60
6-00309	60484	Ac-227	-0.0936 U	0.167	0.0569	0.217	0.00 - 0.50
6-00309	60484	Ac-228	1.22	0.0755	0.0573	2.4	0.00 - 0.50
6-00309	60484	Am-241	0.0027 U	0.0135	0.0034	0.0454	0.00 - 0.50
6-00309	60484	Bi-212	0.838	0.105	0.068	2.15	0.00 - 0.50
6-00309	60484	Bi-214	1.07	0.0249	0.0475	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00309	60484	Cd-113m	-85.9 LU	112	40	3030	0.00 - 0.50
6-00309	60484	Cm-243/244	0.007	0.0136	0.0046	0.0443	0.00 - 0.50
6-00309	60484	Co-60	-0.0028 U	0.0143	0.0043	0.028	0.00 - 0.50
6-00309	60484	Cs-134	-0.0032 U	0.0125	0.0044	0.0864	0.00 - 0.50
6-00309	60484	Cs-137	1.27	0.0133	0.069	0.207	0.00 - 0.50
6-00309	60484	Eu-152	0.0041 U	0.0414	0.0162	0.0566	0.00 - 0.50
6-00309	60484	Eu-154	0.0429 J	0.0786	0.0288	0.15	0.00 - 0.50
6-00309	60484	Eu-155	0.0471 SJ	0.0625	0.0216	0.231	0.00 - 0.50
6-00309	60484	Ho-166m	-0.0079 UJ	0.0203	0.0064	0.0432	0.00 - 0.50
6-00309	60484	K-40	22.8	0.098	1.41	32.4	0.00 - 0.50
6-00309	60484	Na-22	-0.0008 U	0.0164	0.0057	0.037	0.00 - 0.50
6-00309	60484	Nb-94	0.0058 U	0.0122	0.0038	0.0214	0.00 - 0.50
6-00309	60484	Np-236	0.0026 U	0.0326	0.0097	0.047	0.00 - 0.50
6-00309	60484	Np-239	0.0113 U	0.112	0.0347	0.139	0.00 - 0.50
6-00309	60484	Pa-231	-0.242 U	0.7	0.227	0.936	0.00 - 0.50
6-00309	60484	Pb-212	1.42	0.0293	0.0933	2.69	0.00 - 0.50
6-00309	60484	Pb-214	1.2	0.0293	0.0589	1.7	0.00 - 0.50
6-00309	60484	Pu-236	-0.0114 U	0.0351	0.0061	7.79	0.00 - 0.50
6-00309	60484	Pu-238	-0.007 U	0.0293	0.0051	0.0415	0.00 - 0.50
6-00309	60484	Pu-239/240	0.0183	0.0243	0.0088	0.0404	0.00 - 0.50
6-00309	60484	Pu-244	0.0015 U	0.0211	0.0047	0.0313	0.00 - 0.50
6-00309	60484	Sb-125	0.0013 U	0.0417	0.0125	0.354	0.00 - 0.50
6-00309	60484	Sn-126	-0.0066 U	0.0132	0.0043	0.0237	0.00 - 0.50
6-00309	60484	Sr-90	-0.0214 U	0.161	0.0419	0.485	0.00 - 0.50
6-00309	60484	Th-228	1.44	0.112	0.139	3.98	0.00 - 0.50
6-00309	60484	Th-229	0.0516	0.0685	0.0246	0.145	0.00 - 0.50
6-00309	60484	Th-230	0.787	0.0884	0.0915	2.2	0.00 - 0.50
6-00309	60484	Th-232	1.2	0.0199	0.117	3.1	0.00 - 0.50
6-00309	60484	Th-234	1.42 J	0.271	0.147	3.19	0.00 - 0.50
6-00309	60484	Tl-208	0.428	0.0137	0.0238	0.937	0.00 - 0.50
6-00309	60484	Tm-171	-5.4 U	16.1	5.52	72.4	0.00 - 0.50
6-00309	60484	U-233/234	0.983	0.0282	0.093	2.02	0.00 - 0.50
6-00309	60484	U-235/236	0.0332	0.0349	0.0144	0.151	0.00 - 0.50
6-00309	60484	U-238	1.04	0.0282	0.0971	1.8	0.00 - 0.50
6-00309	60485	Ac-227	-0.069 U	0.168	0.055	0.217	1.00 - 2.50
6-00309	60485	Ac-228	1.12	0.114	0.0546	2.4	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00309	60485	Am-241	-0.0028 U	0.019	0.0035	0.0454	1.00 - 2.50
6-00309	60485	Bi-212	0.87	0.148	0.0834	2.15	1.00 - 2.50
6-00309	60485	Bi-214	0.773	0.0329	0.0396	1.59	1.00 - 2.50
6-00309	60485	Cd-113m	13.9 U	113	34.7	3030	1.00 - 2.50
6-00309	60485	Cm-243/244	0 U	0.0191	0.0035	0.0443	1.00 - 2.50
6-00309	60485	Co-60	-0.004 U	0.0201	0.0059	0.028	1.00 - 2.50
6-00309	60485	Cs-134	-0.0023 U	0.0162	0.0057	0.0864	1.00 - 2.50
6-00309	60485	Cs-137	0.013	0.0198	0.0056	0.207	1.00 - 2.50
6-00309	60485	Eu-152	0.018 U	0.0476	0.0147	0.0566	1.00 - 2.50
6-00309	60485	Eu-154	-0.0538 U	0.11	0.036	0.15	1.00 - 2.50
6-00309	60485	Eu-155	0.0627 SJ	0.0505	0.0206	0.231	1.00 - 2.50
6-00309	60485	Ho-166m	0.01 U	0.0308	0.009	0.0432	1.00 - 2.50
6-00309	60485	K-40	19.8	0.16	1.09	32.4	1.00 - 2.50
6-00309	60485	Na-22	0 U	0.0251	0.0072	0.037	1.00 - 2.50
6-00309	60485	Nb-94	-0.0006 U	0.0173	0.005	0.0214	1.00 - 2.50
6-00309	60485	Np-236	-0.0077 U	0.0281	0.0085	0.047	1.00 - 2.50
6-00309	60485	Np-239	0.0206 U	0.115	0.0351	0.139	1.00 - 2.50
6-00309	60485	Pa-231	-0.104 U	0.729	0.228	0.936	1.00 - 2.50
6-00309	60485	Pb-212	1.28	0.0297	0.0724	2.69	1.00 - 2.50
6-00309	60485	Pb-214	0.782	0.0325	0.039	1.7	1.00 - 2.50
6-00309	60485	Pu-236	0.0048 UJ	0.0241	0.0062	7.79	1.00 - 2.50
6-00309	60485	Pu-238	0.0038 UJ	0.0187	0.0047	0.0415	1.00 - 2.50
6-00309	60485	Pu-239/240	-0.0026 UJ	0.0294	0.0059	0.0404	1.00 - 2.50
6-00309	60485	Pu-244	0.0088	0.0079	0.0051	0.0313	1.00 - 2.50
6-00309	60485	Sb-125	0.0072 U	0.0437	0.0128	0.354	1.00 - 2.50
6-00309	60485	Sn-126	0.0002 U	0.0193	0.0056	0.0237	1.00 - 2.50
6-00309	60485	Sr-90	0.244	0.311	0.102	0.485	1.00 - 2.50
6-00309	60485	Th-228	1.14	0.0874	0.115	3.98	1.00 - 2.50
6-00309	60485	Th-229	0.0205	0.0502	0.0153	0.145	1.00 - 2.50
6-00309	60485	Th-230	0.83	0.0733	0.0911	2.2	1.00 - 2.50
6-00309	60485	Th-232	1.15	0.0184	0.111	3.1	1.00 - 2.50
6-00309	60485	Th-234	1.25	0.209	0.12	3.19	1.00 - 2.50
6-00309	60485	Tl-208	0.421	0.0181	0.0255	0.937	1.00 - 2.50
6-00309	60485	Tm-171	0.0717 U	6.46	2.07	72.4	1.00 - 2.50
6-00309	60485	U-233/234	0.82	0.0605	0.0941	2.02	1.00 - 2.50
6-00309	60485	U-235/236	0.0179 U	0.0813	0.0219	0.151	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00309	60485	U-238	0.971	0.0164	0.105	1.8	1.00 - 2.50
6-00310	60486	Ac-227	-0.0612 U	0.143	0.0467	0.217	0.00 - 0.50
6-00310	60486	Ac-228	1.2	0.0689	0.055	2.4	0.00 - 0.50
6-00310	60486	Am-241	0.0068	0.0158	0.0048	0.0454	0.00 - 0.50
6-00310	60486	Bi-212	0.781	0.0981	0.0576	2.15	0.00 - 0.50
6-00310	60486	Bi-214	0.969	0.0223	0.0431	1.59	0.00 - 0.50
6-00310	60486	Cd-113m	77.7 J	98.9	35.1	3030	0.00 - 0.50
6-00310	60486	Cm-243/244	-0.0034 U	0.0184	0.0034	0.0443	0.00 - 0.50
6-00310	60486	Co-60	0.0045 U	0.0134	0.0041	0.028	0.00 - 0.50
6-00310	60486	Cs-134	0.0075 JS	0.0116	0.0043	0.0864	0.00 - 0.50
6-00310	60486	Cs-137	1.31	0.0134	0.0694	0.207	0.00 - 0.50
6-00310	60486	Eu-152	-0.0044 UJ	0.036	0.0109	0.0566	0.00 - 0.50
6-00310	60486	Eu-154	-0.016 U	0.068	0.0239	0.15	0.00 - 0.50
6-00310	60486	Eu-155	0.0811 JS	0.0478	0.0199	0.231	0.00 - 0.50
6-00310	60486	Ho-166m	-0.01 U	0.0182	0.0062	0.0432	0.00 - 0.50
6-00310	60486	K-40	25.1	0.0916	1.41	32.4	0.00 - 0.50
6-00310	60486	Na-22	-0.0092 U	0.0151	0.0052	0.037	0.00 - 0.50
6-00310	60486	Nb-94	0.0116 JS	0.0114	0.0043	0.0214	0.00 - 0.50
6-00310	60486	Np-236	0.0092 UJ	0.0263	0.008	0.047	0.00 - 0.50
6-00310	60486	Np-239	0.0056 U	0.0944	0.0289	0.139	0.00 - 0.50
6-00310	60486	Pa-231	-0.0947 U	0.588	0.184	0.936	0.00 - 0.50
6-00310	60486	Pb-212	1.35	0.0253	0.0801	2.69	0.00 - 0.50
6-00310	60486	Pb-214	1.08	0.0259	0.0501	1.7	0.00 - 0.50
6-00310	60486	Pu-236	-0.003 U	0.0137	0.0026	7.79	0.00 - 0.50
6-00310	60486	Pu-238	-0.0042 U	0.0151	0.0028	0.0415	0.00 - 0.50
6-00310	60486	Pu-239/240	0.0126	0.0038	0.0043	0.0404	0.00 - 0.50
6-00310	60486	Pu-244	0.0014 U	0.0103	0.0024	0.0313	0.00 - 0.50
6-00310	60486	Sb-125	0.0033 U	0.0365	0.0108	0.354	0.00 - 0.50
6-00310	60486	Sn-126	0.0051 U	0.0122	0.0039	0.0237	0.00 - 0.50
6-00310	60486	Sr-90	0.093 U	0.155	0.0491	0.485	0.00 - 0.50
6-00310	60486	Th-228	1.15	0.0859	0.114	3.98	0.00 - 0.50
6-00310	60486	Th-229	0.0468	0.072	0.0242	0.145	0.00 - 0.50
6-00310	60486	Th-230	0.647	0.0619	0.0767	2.2	0.00 - 0.50
6-00310	60486	Th-232	1.26	0.0489	0.117	3.1	0.00 - 0.50
6-00310	60486	Th-234	1.5	0.201	0.138	3.19	0.00 - 0.50
6-00310	60486	Tl-208	0.421	0.0126	0.0229	0.937	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00310	60486	Tm-171	-6.01 U	9.53	3.64	72.4	0.00 - 0.50
6-00310	60486	U-233/234	0.816	0.0486	0.0796	2.02	0.00 - 0.50
6-00310	60486	U-235/236	0.0407	0.028	0.0145	0.151	0.00 - 0.50
6-00310	60486	U-238	0.761	0.0226	0.0748	1.8	0.00 - 0.50
6-00310	60487	Ac-227	0.0682 U	0.199	0.061	0.217	1.00 - 5.00
6-00310	60487	Ac-228	1.17	0.0864	0.0589	2.4	1.00 - 5.00
6-00310	60487	Am-241	-0.0009 U	0.0163	0.003	0.0454	1.00 - 5.00
6-00310	60487	Bi-212	0.855	0.127	0.0741	2.15	1.00 - 5.00
6-00310	60487	Bi-214	0.908	0.0275	0.0429	1.59	1.00 - 5.00
6-00310	60487	Cd-113m	-61 U	131	46.2	3030	1.00 - 5.00
6-00310	60487	Cm-243/244	0.0047	0.0132	0.0039	0.0443	1.00 - 5.00
6-00310	60487	Co-60	0.0022 U	0.0169	0.0049	0.028	1.00 - 5.00
6-00310	60487	Cs-134	-0.0078 U	0.0133	0.005	0.0864	1.00 - 5.00
6-00310	60487	Cs-137	0.0945	0.017	0.0091	0.207	1.00 - 5.00
6-00310	60487	Eu-152	-0.0071 UJ	0.0477	0.0178	0.0566	1.00 - 5.00
6-00310	60487	Eu-154	0.0646 J	0.0975	0.0319	0.15	1.00 - 5.00
6-00310	60487	Eu-155	0.07 JS	0.0718	0.0255	0.231	1.00 - 5.00
6-00310	60487	Ho-166m	-0.0088 U	0.0244	0.0076	0.0432	1.00 - 5.00
6-00310	60487	K-40	20.7	0.122	1.36	32.4	1.00 - 5.00
6-00310	60487	Na-22	-0.0085 U	0.0189	0.006	0.037	1.00 - 5.00
6-00310	60487	Nb-94	0.0059 U	0.0147	0.0045	0.0214	1.00 - 5.00
6-00310	60487	Np-236	-0.0011 U	0.0393	0.0127	0.047	1.00 - 5.00
6-00310	60487	Np-239	0.0305 U	0.134	0.0404	0.139	1.00 - 5.00
6-00310	60487	Pa-231	-0.18 U	0.808	0.285	0.936	1.00 - 5.00
6-00310	60487	Pb-212	1.41	0.034	0.0936	2.69	1.00 - 5.00
6-00310	60487	Pb-214	0.995	0.0341	0.0503	1.7	1.00 - 5.00
6-00310	60487	Pu-236	0.0025	0.0068	0.0025	7.79	1.00 - 5.00
6-00310	60487	Pu-238	0.0024	0.0065	0.0024	0.0415	1.00 - 5.00
6-00310	60487	Pu-239/240	0.0062 UJ	0.019	0.0054	0.0404	1.00 - 5.00
6-00310	60487	Pu-244	0.0024	0.0065	0.0024	0.0313	1.00 - 5.00
6-00310	60487	Sb-125	-0.0285 U	0.0435	0.0151	0.354	1.00 - 5.00
6-00310	60487	Sn-126	0.0031 U	0.0161	0.0047	0.0237	1.00 - 5.00
6-00310	60487	Sr-90	0.0654 U	0.355	0.104	0.485	1.00 - 5.00
6-00310	60487	Th-228	1.33	0.0704	0.128	3.98	1.00 - 5.00
6-00310	60487	Th-229	0.0287	0.0528	0.0176	0.145	1.00 - 5.00
6-00310	60487	Th-230	1	0.0526	0.103	2.2	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00310	60487	Th-232	1.2	0.0525	0.117	3.1	1.00 - 5.00
6-00310	60487	Th-234	1.61 J	0.312	0.171	3.19	1.00 - 5.00
6-00310	60487	Tl-208	0.429	0.0156	0.0245	0.937	1.00 - 5.00
6-00310	60487	Tm-171	-3.54 U	15.6	5.98	72.4	1.00 - 5.00
6-00310	60487	U-233/234	0.865	0.0494	0.0943	2.02	1.00 - 5.00
6-00310	60487	U-235/236	0.0259	0.0611	0.0186	0.151	1.00 - 5.00
6-00310	60487	U-238	0.948	0.0431	0.101	1.8	1.00 - 5.00
6-00311	60488	Ac-227	-0.0176 U	0.235	0.0723	0.217	0.00 - 0.50
6-00311	60488	Ac-228	1.11	0.091	0.0558	2.4	0.00 - 0.50
6-00311	60488	Am-241	0.0048 U	0.022	0.0059	0.0454	0.00 - 0.50
6-00311	60488	Bi-212	0.863	0.127	0.0793	2.15	0.00 - 0.50
6-00311	60488	Bi-214	0.871	0.0331	0.0416	1.59	0.00 - 0.50
6-00311	60488	Cd-113m	-31.6 U	160	54	3030	0.00 - 0.50
6-00311	60488	Cm-243/244	-0.0033 U	0.0222	0.0044	0.0443	0.00 - 0.50
6-00311	60488	Co-60	0.0012 U	0.017	0.005	0.028	0.00 - 0.50
6-00311	60488	Cs-134	-0.0007 U	0.0169	0.0059	0.0864	0.00 - 0.50
6-00311	60488	Cs-137	3.42	0.0181	0.181	0.207	0.00 - 0.50
6-00311	60488	Eu-152	-0.0004 U	0.0607	0.0204	0.0566	0.00 - 0.50
6-00311	60488	Eu-154	-0.0309 U	0.0956	0.0293	0.15	0.00 - 0.50
6-00311	60488	Eu-155	0.0019 U	0.0807	0.0241	0.231	0.00 - 0.50
6-00311	60488	Ho-166m	-0.0067 U	0.0246	0.0077	0.0432	0.00 - 0.50
6-00311	60488	K-40	24	0.131	1.45	32.4	0.00 - 0.50
6-00311	60488	Na-22	-0.0025 U	0.0208	0.0062	0.037	0.00 - 0.50
6-00311	60488	Nb-94	0.0058 U	0.0146	0.0045	0.0214	0.00 - 0.50
6-00311	60488	Np-236	0.0214 U	0.0437	0.0139	0.047	0.00 - 0.50
6-00311	60488	Np-239	0.0057 U	0.158	0.0482	0.139	0.00 - 0.50
6-00311	60488	Pa-231	0.214 U	1.01	0.34	0.936	0.00 - 0.50
6-00311	60488	Pb-212	1.39	0.0416	0.0854	2.69	0.00 - 0.50
6-00311	60488	Pb-214	1.05	0.0416	0.0524	1.7	0.00 - 0.50
6-00311	60488	Pu-236	0.0061 U	0.0353	0.0094	7.79	0.00 - 0.50
6-00311	60488	Pu-238	-0.0056 U	0.0364	0.0081	0.0415	0.00 - 0.50
6-00311	60488	Pu-239/240	0.0007 U	0.0162	0.0031	0.0404	0.00 - 0.50
6-00311	60488	Pu-244	-0.0037 U	0.0201	0.0036	0.0313	0.00 - 0.50
6-00311	60488	Sb-125	0.0129 U	0.0633	0.0188	0.354	0.00 - 0.50
6-00311	60488	Sn-126	-0.0079 U	0.0155	0.0051	0.0237	0.00 - 0.50
6-00311	60488	Sr-90	0.0405 U	0.142	0.0412	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00311	60488	Th-228	1.27	0.117	0.125	3.98	0.00 - 0.50
6-00311	60488	Th-229	-0.0202 U	0.118	0.0278	0.145	0.00 - 0.50
6-00311	60488	Th-230	0.902	0.0809	0.0961	2.2	0.00 - 0.50
6-00311	60488	Th-232	1.05	0.0494	0.105	3.1	0.00 - 0.50
6-00311	60488	Th-234	1.53 J	0.343	0.172	3.19	0.00 - 0.50
6-00311	60488	Tl-208	0.396	0.0195	0.0233	0.937	0.00 - 0.50
6-00311	60488	Tm-171	-4.2 U	16.6	5.69	72.4	0.00 - 0.50
6-00311	60488	U-233/234	0.749	0.0472	0.0875	2.02	0.00 - 0.50
6-00311	60488	U-235/236	0.0686	0.0471	0.0245	0.151	0.00 - 0.50
6-00311	60488	U-238	0.815	0.0381	0.0926	1.8	0.00 - 0.50
6-00311	60489	Ac-227	-0.106 UJ	0.141	0.0498	0.217	1.00 - 3.00
6-00311	60489	Ac-228	1.04	0.0738	0.05	2.4	1.00 - 3.00
6-00311	60489	Am-241	0.0072	0.0158	0.005	0.0454	1.00 - 3.00
6-00311	60489	Bi-212	0.782	0.0948	0.0623	2.15	1.00 - 3.00
6-00311	60489	Bi-214	0.86	0.0217	0.0406	1.59	1.00 - 3.00
6-00311	60489	Cd-113m	26.4 U	96.5	29.3	3030	1.00 - 3.00
6-00311	60489	Cm-243/244	-0.0032 U	0.022	0.0043	0.0443	1.00 - 3.00
6-00311	60489	Co-60	0.001 U	0.0137	0.004	0.028	1.00 - 3.00
6-00311	60489	Cs-134	0.0048 U	0.0108	0.0038	0.0864	1.00 - 3.00
6-00311	60489	Cs-137	0.0746	0.0124	0.0065	0.207	1.00 - 3.00
6-00311	60489	Eu-152	-0.0151 U	0.0344	0.012	0.0566	1.00 - 3.00
6-00311	60489	Eu-154	0.032 U	0.0755	0.0264	0.15	1.00 - 3.00
6-00311	60489	Eu-155	0.0517 J	0.0499	0.0191	0.231	1.00 - 3.00
6-00311	60489	Ho-166m	-0.0056 U	0.0192	0.006	0.0432	1.00 - 3.00
6-00311	60489	K-40	19.8	0.102	1.25	32.4	1.00 - 3.00
6-00311	60489	Na-22	-0.0062 U	0.0154	0.005	0.037	1.00 - 3.00
6-00311	60489	Nb-94	0.0028 U	0.0113	0.0034	0.0214	1.00 - 3.00
6-00311	60489	Np-236	-0.0029 U	0.0276	0.0085	0.047	1.00 - 3.00
6-00311	60489	Np-239	-0.0066 U	0.0964	0.0287	0.139	1.00 - 3.00
6-00311	60489	Pa-231	0.457 J	0.6	0.228	0.936	1.00 - 3.00
6-00311	60489	Pb-212	1.2	0.0245	0.0735	2.69	1.00 - 3.00
6-00311	60489	Pb-214	0.959	0.0249	0.0458	1.7	1.00 - 3.00
6-00311	60489	Pu-236	0.0045 UJ	0.0348	0.0088	7.79	1.00 - 3.00
6-00311	60489	Pu-238	-0.0029 UJ	0.046	0.011	0.0415	1.00 - 3.00
6-00311	60489	Pu-239/240	0.0092 UJ	0.0383	0.0106	0.0404	1.00 - 3.00
6-00311	60489	Pu-244	0	0.0084	0.0031	0.0313	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00311	60489	Sb-125	0.002 U	0.0334	0.0097	0.354	1.00 - 3.00
6-00311	60489	Sn-126	0.0055 UJ	0.0126	0.0039	0.0237	1.00 - 3.00
6-00311	60489	Sr-90	0.0154 U	0.253	0.068	0.485	1.00 - 3.00
6-00311	60489	Th-228	1.19	0.117	0.123	3.98	1.00 - 3.00
6-00311	60489	Th-229	0.0149 U	0.105	0.028	0.145	1.00 - 3.00
6-00311	60489	Th-230	1.1	0.0978	0.114	2.2	1.00 - 3.00
6-00311	60489	Th-232	1.1	0.0547	0.112	3.1	1.00 - 3.00
6-00311	60489	Th-234	1.36	0.224	0.13	3.19	1.00 - 3.00
6-00311	60489	Tl-208	0.361	0.0121	0.0208	0.937	1.00 - 3.00
6-00311	60489	Tm-171	1.95 U	11.3	3.8	72.4	1.00 - 3.00
6-00311	60489	U-233/234	1.14	0.0537	0.115	2.02	1.00 - 3.00
6-00311	60489	U-235/236	0.0662	0.0179	0.0215	0.151	1.00 - 3.00
6-00311	60489	U-238	0.934	0.0422	0.0988	1.8	1.00 - 3.00
6-00312	60490	Ac-227	-0.0682 U	0.112	0.0386	0.217	0.00 - 0.50
6-00312	60490	Ac-228	0.665	0.0709	0.0338	2.4	0.00 - 0.50
6-00312	60490	Am-241	-0.0016 U	0.0142	0.0027	0.0454	0.00 - 0.50
6-00312	60490	Bi-212	0.57	0.0913	0.0547	2.15	0.00 - 0.50
6-00312	60490	Bi-214	0.372	0.0209	0.0209	1.59	0.00 - 0.50
6-00312	60490	Cd-113m	22.3 U	76.5	23.7	3030	0.00 - 0.50
6-00312	60490	Cm-243/244	-0.0026 U	0.0203	0.0036	0.0443	0.00 - 0.50
6-00312	60490	Co-60	0.0001 U	0.0126	0.0036	0.028	0.00 - 0.50
6-00312	60490	Cs-134	-0.0039 U	0.0101	0.0037	0.0864	0.00 - 0.50
6-00312	60490	Cs-137	0.201	0.012	0.0139	0.207	0.00 - 0.50
6-00312	60490	Eu-152	-0.0068 U	0.029	0.0098	0.0566	0.00 - 0.50
6-00312	60490	Eu-154	-0.0662 UJ	0.0673	0.0266	0.15	0.00 - 0.50
6-00312	60490	Eu-155	0.0244 JS	0.0343	0.0113	0.231	0.00 - 0.50
6-00312	60490	Ho-166m	0.0014 U	0.0179	0.0051	0.0432	0.00 - 0.50
6-00312	60490	K-40	12.6	0.0858	0.698	32.4	0.00 - 0.50
6-00312	60490	Na-22	-0.005 U	0.0151	0.0046	0.037	0.00 - 0.50
6-00312	60490	Nb-94	0.0064 JS	0.0113	0.0035	0.0214	0.00 - 0.50
6-00312	60490	Np-236	0 U	0.0186	0.0054	0.047	0.00 - 0.50
6-00312	60490	Np-239	0.0104 U	0.0749	0.0227	0.139	0.00 - 0.50
6-00312	60490	Pa-231	0.0277 U	0.468	0.143	0.936	0.00 - 0.50
6-00312	60490	Pb-212	0.707	0.02	0.0403	2.69	0.00 - 0.50
6-00312	60490	Pb-214	0.408	0.0207	0.0223	1.7	0.00 - 0.50
6-00312	60490	Pu-236	0.0106 UJ	0.0451	0.0124	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00312	60490	Pu-238	0.0129 UJ	0.0561	0.0157	0.0415	0.00 - 0.50
6-00312	60490	Pu-239/240	0.0215	0.0097	0.0089	0.0404	0.00 - 0.50
6-00312	60490	Pu-244	0	0.0097	0.0036	0.0313	0.00 - 0.50
6-00312	60490	Sb-125	0.0005 U	0.0298	0.0087	0.354	0.00 - 0.50
6-00312	60490	Sn-126	-0.0051 U	0.0115	0.0036	0.0237	0.00 - 0.50
6-00312	60490	Sr-90	0.0561 U	0.18	0.0525	0.485	0.00 - 0.50
6-00312	60490	Th-228	1.05	0.0843	0.112	3.98	0.00 - 0.50
6-00312	60490	Th-229	0.0646	0.0941	0.0315	0.145	0.00 - 0.50
6-00312	60490	Th-230	0.301	0.0771	0.0527	2.2	0.00 - 0.50
6-00312	60490	Th-232	0.628	0.0526	0.0772	3.1	0.00 - 0.50
6-00312	60490	Th-234	0.514 J	0.152	0.0566	3.19	0.00 - 0.50
6-00312	60490	Tl-208	0.246	0.0115	0.0156	0.937	0.00 - 0.50
6-00312	60490	Tm-171	-0.5 U	3.4	1.16	72.4	0.00 - 0.50
6-00312	60490	U-233/234	0.338	0.0457	0.0491	2.02	0.00 - 0.50
6-00312	60490	U-235/236	0.0374	0.0169	0.0155	0.151	0.00 - 0.50
6-00312	60490	U-238	0.421	0.0398	0.0559	1.8	0.00 - 0.50
6-00312	60491	Ac-227	0.0373 U	0.166	0.0512	0.217	1.00 - 5.00
6-00312	60491	Ac-228	1.16	0.0879	0.0559	2.4	1.00 - 5.00
6-00312	60491	Am-241	0.0005 U	0.0121	0.0023	0.0454	1.00 - 5.00
6-00312	60491	Bi-212	0.84	0.113	0.0683	2.15	1.00 - 5.00
6-00312	60491	Bi-214	0.835	0.0268	0.0406	1.59	1.00 - 5.00
6-00312	60491	Cd-113m	-7.35 U	108	33.3	3030	1.00 - 5.00
6-00312	60491	Cm-243/244	-0.0055 U	0.0191	0.0034	0.0443	1.00 - 5.00
6-00312	60491	Co-60	0.0001 U	0.0158	0.0047	0.028	1.00 - 5.00
6-00312	60491	Cs-134	0.0013 U	0.013	0.0044	0.0864	1.00 - 5.00
6-00312	60491	Cs-137	0 U	0.0148	0.0051	0.207	1.00 - 5.00
6-00312	60491	Eu-152	0.0247 J	0.0413	0.0151	0.0566	1.00 - 5.00
6-00312	60491	Eu-154	-0.0406 U	0.0899	0.0288	0.15	1.00 - 5.00
6-00312	60491	Eu-155	0.0841 J	0.0571	0.0259	0.231	1.00 - 5.00
6-00312	60491	Ho-166m	-0.0128 U	0.0238	0.0081	0.0432	1.00 - 5.00
6-00312	60491	K-40	21.4	0.118	1.22	32.4	1.00 - 5.00
6-00312	60491	Na-22	-0.0012 U	0.0203	0.0061	0.037	1.00 - 5.00
6-00312	60491	Nb-94	0.0054 U	0.0138	0.0043	0.0214	1.00 - 5.00
6-00312	60491	Np-236	-0.0157 U	0.0308	0.0099	0.047	1.00 - 5.00
6-00312	60491	Np-239	-0.0215 U	0.109	0.0338	0.139	1.00 - 5.00
6-00312	60491	Pa-231	0.226 U	0.695	0.217	0.936	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00312	60491	Pb-212	1.23	0.0282	0.0739	2.69	1.00 - 5.00
6-00312	60491	Pb-214	0.975	0.0281	0.0472	1.7	1.00 - 5.00
6-00312	60491	Pu-236	-0.0022 U	0.037	0.0086	7.79	1.00 - 5.00
6-00312	60491	Pu-238	0.0121 U	0.0299	0.009	0.0415	1.00 - 5.00
6-00312	60491	Pu-239/240	0.0015 U	0.0216	0.0048	0.0404	1.00 - 5.00
6-00312	60491	Pu-244	0	0.0074	0.0028	0.0313	1.00 - 5.00
6-00312	60491	Sb-125	-0.0114 U	0.0374	0.0114	0.354	1.00 - 5.00
6-00312	60491	Sn-126	0.0113 J	0.0155	0.0052	0.0237	1.00 - 5.00
6-00312	60491	Sr-90	-0.0745 U	0.318	0.0847	0.485	1.00 - 5.00
6-00312	60491	Th-228	1.4	0.118	0.136	3.98	1.00 - 5.00
6-00312	60491	Th-229	0.03 U	0.0807	0.0238	0.145	1.00 - 5.00
6-00312	60491	Th-230	0.912	0.0805	0.1	2.2	1.00 - 5.00
6-00312	60491	Th-232	1.02	0.0202	0.106	3.1	1.00 - 5.00
6-00312	60491	Th-234	1.47 J	0.255	0.152	3.19	1.00 - 5.00
6-00312	60491	Tl-208	0.384	0.014	0.0222	0.937	1.00 - 5.00
6-00312	60491	Tm-171	-4.01 U	11.4	4.1	72.4	1.00 - 5.00
6-00312	60491	U-233/234	0.885	0.0141	0.0937	2.02	1.00 - 5.00
6-00312	60491	U-235/236	0.0789	0.0409	0.0243	0.151	1.00 - 5.00
6-00312	60491	U-238	0.811	0.0141	0.0878	1.8	1.00 - 5.00
6-00313	60492	Ac-227	-0.0485 U	0.13	0.0404	0.217	0.00 - 0.50
6-00313	60492	Ac-228	0.992	0.0752	0.0464	2.4	0.00 - 0.50
6-00313	60492	Am-241	0 U	0.0231	0.0053	0.0454	0.00 - 0.50
6-00313	60492	Bi-212	0.705	0.0948	0.0608	2.15	0.00 - 0.50
6-00313	60492	Bi-214	0.783	0.0215	0.0364	1.59	0.00 - 0.50
6-00313	60492	Cd-113m	13.6 U	86.6	25.6	3030	0.00 - 0.50
6-00313	60492	Cm-243/244	0.0022 U	0.0324	0.0084	0.0443	0.00 - 0.50
6-00313	60492	Co-60	-0.0024 U	0.0132	0.004	0.028	0.00 - 0.50
6-00313	60492	Cs-134	0.0063 JS	0.0111	0.004	0.0864	0.00 - 0.50
6-00313	60492	Cs-137	0.151	0.0118	0.0104	0.207	0.00 - 0.50
6-00313	60492	Eu-152	-0.0075 U	0.0333	0.0102	0.0566	0.00 - 0.50
6-00313	60492	Eu-154	0.009 U	0.0725	0.0245	0.15	0.00 - 0.50
6-00313	60492	Eu-155	0.0468 JS	0.0459	0.0177	0.231	0.00 - 0.50
6-00313	60492	Ho-166m	0.0012 U	0.019	0.0056	0.0432	0.00 - 0.50
6-00313	60492	K-40	23.1	0.0968	1.4	32.4	0.00 - 0.50
6-00313	60492	Na-22	-0.005 U	0.017	0.0053	0.037	0.00 - 0.50
6-00313	60492	Nb-94	0.0008 U	0.0114	0.0034	0.0214	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00313	60492	Np-236	-0.0217 UJ	0.0242	0.009	0.047	0.00 - 0.50
6-00313	60492	Np-239	0.0178 U	0.0866	0.0256	0.139	0.00 - 0.50
6-00313	60492	Pa-231	-0.065 U	0.542	0.162	0.936	0.00 - 0.50
6-00313	60492	Pb-212	1.13	0.0227	0.0669	2.69	0.00 - 0.50
6-00313	60492	Pb-214	0.839	0.0235	0.0397	1.7	0.00 - 0.50
6-00313	60492	Pu-236	0 U	0.0116	0.0022	7.79	0.00 - 0.50
6-00313	60492	Pu-238	0.0015 U	0.011	0.0026	0.0415	0.00 - 0.50
6-00313	60492	Pu-239/240	0.0015 U	0.0161	0.004	0.0404	0.00 - 0.50
6-00313	60492	Pu-244	0.006	0.0041	0.003	0.0313	0.00 - 0.50
6-00313	60492	Sb-125	0.0028 U	0.0319	0.0097	0.354	0.00 - 0.50
6-00313	60492	Sn-126	-0.0063 U	0.0122	0.004	0.0237	0.00 - 0.50
6-00313	60492	Sr-90	-0.0334 U	0.0812	0.0167	0.485	0.00 - 0.50
6-00313	60492	Th-228	1.09	0.0509	0.107	3.98	0.00 - 0.50
6-00313	60492	Th-229	0.013 U	0.0477	0.013	0.145	0.00 - 0.50
6-00313	60492	Th-230	0.691	0.06	0.0787	2.2	0.00 - 0.50
6-00313	60492	Th-232	1.02	0.0175	0.0998	3.1	0.00 - 0.50
6-00313	60492	Th-234	1.35	0.205	0.128	3.19	0.00 - 0.50
6-00313	60492	Tl-208	0.353	0.012	0.0201	0.937	0.00 - 0.50
6-00313	60492	Tm-171	-0.382 U	9.87	3.24	72.4	0.00 - 0.50
6-00313	60492	U-233/234	0.661	0.0566	0.082	2.02	0.00 - 0.50
6-00313	60492	U-235/236	0.0718	0.0493	0.0256	0.151	0.00 - 0.50
6-00313	60492	U-238	0.628	0.0682	0.0799	1.8	0.00 - 0.50
6-00313	60493	Ac-227	-0.0518 U	0.161	0.0496	0.217	1.00 - 2.00
6-00313	60493	Ac-228	1.11	0.0849	0.0528	2.4	1.00 - 2.00
6-00313	60493	Am-241	0.0032 U	0.0163	0.0041	0.0454	1.00 - 2.00
6-00313	60493	Bi-212	0.803	0.12	0.08	2.15	1.00 - 2.00
6-00313	60493	Bi-214	0.823	0.0263	0.0397	1.59	1.00 - 2.00
6-00313	60493	Cd-113m	-72.9 U	106	37.4	3030	1.00 - 2.00
6-00313	60493	Cm-243/244	0.0038 U	0.0188	0.0049	0.0443	1.00 - 2.00
6-00313	60493	Co-60	-0.0036 U	0.0166	0.005	0.028	1.00 - 2.00
6-00313	60493	Cs-134	-0.0032 U	0.0135	0.0047	0.0864	1.00 - 2.00
6-00313	60493	Cs-137	-0.0096 U	0.0158	0.0053	0.207	1.00 - 2.00
6-00313	60493	Eu-152	-0.0131 U	0.0413	0.0133	0.0566	1.00 - 2.00
6-00313	60493	Eu-154	-0.0357 U	0.0914	0.0283	0.15	1.00 - 2.00
6-00313	60493	Eu-155	0.0513 J	0.0573	0.0218	0.231	1.00 - 2.00
6-00313	60493	Ho-166m	-0.0045 U	0.0237	0.0072	0.0432	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00313	60493	K-40	20	0.128	1.08	32.4	1.00 - 2.00
6-00313	60493	Na-22	-0.0125 U	0.0192	0.0066	0.037	1.00 - 2.00
6-00313	60493	Nb-94	0.0063 U	0.0144	0.0044	0.0214	1.00 - 2.00
6-00313	60493	Np-236	-0.0054 U	0.031	0.0096	0.047	1.00 - 2.00
6-00313	60493	Np-239	0.033 U	0.112	0.0334	0.139	1.00 - 2.00
6-00313	60493	Pa-231	0.338 U	0.695	0.224	0.936	1.00 - 2.00
6-00313	60493	Pb-212	1.25	0.0285	0.0724	2.69	1.00 - 2.00
6-00313	60493	Pb-214	0.904	0.029	0.0434	1.7	1.00 - 2.00
6-00313	60493	Pu-236	0.0007 U	0.0148	0.0029	7.79	1.00 - 2.00
6-00313	60493	Pu-238	0.0013 U	0.0176	0.0039	0.0415	1.00 - 2.00
6-00313	60493	Pu-239/240	0.0073	0.0142	0.0048	0.0404	1.00 - 2.00
6-00313	60493	Pu-244	0.0006 U	0.0142	0.0027	0.0313	1.00 - 2.00
6-00313	60493	Sb-125	0.0072 U	0.0398	0.012	0.354	1.00 - 2.00
6-00313	60493	Sn-126	-0.0021 UJ	0.0155	0.0046	0.0237	1.00 - 2.00
6-00313	60493	Sr-90	-0.0386 U	0.343	0.0859	0.485	1.00 - 2.00
6-00313	60493	Th-228	1.15	0.137	0.126	3.98	1.00 - 2.00
6-00313	60493	Th-229	0.065	0.0875	0.0307	0.145	1.00 - 2.00
6-00313	60493	Th-230	0.811	0.0597	0.0955	2.2	1.00 - 2.00
6-00313	60493	Th-232	1.24	0.0595	0.126	3.1	1.00 - 2.00
6-00313	60493	Th-234	1.4	0.251	0.127	3.19	1.00 - 2.00
6-00313	60493	Tl-208	0.419	0.0155	0.0238	0.937	1.00 - 2.00
6-00313	60493	Tm-171	2.42 U	10.1	3.38	72.4	1.00 - 2.00
6-00313	60493	U-233/234	1.14	0.0565	0.117	2.02	1.00 - 2.00
6-00313	60493	U-235/236	0.0924	0.0443	0.0274	0.151	1.00 - 2.00
6-00313	60493	U-238	1.18	0.0153	0.119	1.8	1.00 - 2.00
6-00314	60494	Ac-227	0.0126 U	0.208	0.0724	0.217	0.00 - 0.50
6-00314	60494	Ac-228	1.61	0.0861	0.059	2.4	0.00 - 0.50
6-00314	60494	Am-241	0.0108	0.0216	0.0067	0.0454	0.00 - 0.50
6-00314	60494	Bi-212	1.2	0.12	0.074	2.15	0.00 - 0.50
6-00314	60494	Bi-214	1.49	0.0303	0.0526	1.59	0.00 - 0.50
6-00314	60494	Cd-113m	7.31 U	139	52.3	3030	0.00 - 0.50
6-00314	60494	Cm-243/244	0.0018 U	0.0195	0.0048	0.0443	0.00 - 0.50
6-00314	60494	Co-60	0.0016 U	0.0155	0.0046	0.028	0.00 - 0.50
6-00314	60494	Cs-134	0.0114 U	0.0161	0.006	0.0864	0.00 - 0.50
6-00314	60494	Cs-137	4.61	0.0178	0.154	0.207	0.00 - 0.50
6-00314	60494	Eu-152	-0.0208 UJ	0.0535	0.0198	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00314	60494	Eu-154	-0.044 U	0.0872	0.0282	0.15	0.00 - 0.50
6-00314	60494	Eu-155	0.0822 JS	0.0642	0.0226	0.231	0.00 - 0.50
6-00314	60494	Ho-166m	0.0001 U	0.0237	0.0072	0.0432	0.00 - 0.50
6-00314	60494	K-40	27.9	0.118	0.948	32.4	0.00 - 0.50
6-00314	60494	Na-22	-0.0199 UJ	0.0187	0.0075	0.037	0.00 - 0.50
6-00314	60494	Nb-94	0.0002 U	0.0133	0.004	0.0214	0.00 - 0.50
6-00314	60494	Np-236	-0.0234 UJ	0.0347	0.012	0.047	0.00 - 0.50
6-00314	60494	Np-239	-0.0246 U	0.136	0.0417	0.139	0.00 - 0.50
6-00314	60494	Pa-231	-0.271 U	0.868	0.275	0.936	0.00 - 0.50
6-00314	60494	Pb-212	1.85	0.0357	0.0638	2.69	0.00 - 0.50
6-00314	60494	Pb-214	1.72	0.0384	0.0605	1.7	0.00 - 0.50
6-00314	60494	Pu-236	-0.0024 UJ	0.0358	0.0086	7.79	0.00 - 0.50
6-00314	60494	Pu-238	-0.0159 UJ	0.0442	0.0099	0.0415	0.00 - 0.50
6-00314	60494	Pu-239/240	0.0091 UJ	0.0272	0.0079	0.0404	0.00 - 0.50
6-00314	60494	Pu-244	-0.0045 UJ	0.0211	0.0039	0.0313	0.00 - 0.50
6-00314	60494	Sb-125	0.0074 U	0.0564	0.0167	0.354	0.00 - 0.50
6-00314	60494	Sn-126	-0.0049 U	0.0146	0.0046	0.0237	0.00 - 0.50
6-00314	60494	Sr-90	0.0024 U	0.0863	0.0231	0.485	0.00 - 0.50
6-00314	60494	Th-228	1.41	0.0199	0.131	3.98	0.00 - 0.50
6-00314	60494	Th-229	0 U	0.0827	0.0195	0.145	0.00 - 0.50
6-00314	60494	Th-230	1.09	0.0638	0.108	2.2	0.00 - 0.50
6-00314	60494	Th-232	1.14	0.0504	0.111	3.1	0.00 - 0.50
6-00314	60494	Th-234	1.99	0.272	0.13	3.19	0.00 - 0.50
6-00314	60494	Tl-208	0.533	0.0177	0.0208	0.937	0.00 - 0.50
6-00314	60494	Tm-171	0.169 U	11.1	3.9	72.4	0.00 - 0.50
6-00314	60494	U-233/234	0.964	0.0569	0.097	2.02	0.00 - 0.50
6-00314	60494	U-235/236	0.0681	0.0154	0.0203	0.151	0.00 - 0.50
6-00314	60494	U-238	0.934	0.05	0.0945	1.8	0.00 - 0.50
6-00314	60495	Ac-227	0.0356 U	0.154	0.0464	0.217	1.00 - 4.00
6-00314	60495	Ac-228	1.15	0.0804	0.0543	2.4	1.00 - 4.00
6-00314	60495	Am-241	0.0256	0.0259	0.0113	0.0454	1.00 - 4.00
6-00314	60495	Bi-212	0.776	0.108	0.062	2.15	1.00 - 4.00
6-00314	60495	Bi-214	0.921	0.0244	0.0425	1.59	1.00 - 4.00
6-00314	60495	Cd-113m	31.8 U	104	31.8	3030	1.00 - 4.00
6-00314	60495	Cm-243/244	0.0123	0.0111	0.0071	0.0443	1.00 - 4.00
6-00314	60495	Co-60	0.0079 J	0.0153	0.0048	0.028	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00314	60495	Cs-134	0.0051 U	0.0122	0.0042	0.0864	1.00 - 4.00
6-00314	60495	Cs-137	0.023 J	0.0136	0.0057	0.207	1.00 - 4.00
6-00314	60495	Eu-152	-0.0136 U	0.0378	0.0137	0.0566	1.00 - 4.00
6-00314	60495	Eu-154	-0.0477 U	0.0808	0.0269	0.15	1.00 - 4.00
6-00314	60495	Eu-155	0.0558 JS	0.0543	0.0182	0.231	1.00 - 4.00
6-00314	60495	Ho-166m	0.0039 U	0.0216	0.0065	0.0432	1.00 - 4.00
6-00314	60495	K-40	21.9	0.112	1.34	32.4	1.00 - 4.00
6-00314	60495	Na-22	-0.0068 U	0.0176	0.0056	0.037	1.00 - 4.00
6-00314	60495	Nb-94	0.0053 U	0.0123	0.0038	0.0214	1.00 - 4.00
6-00314	60495	Np-236	-0.0063 U	0.0294	0.0097	0.047	1.00 - 4.00
6-00314	60495	Np-239	0.0382 U	0.105	0.0322	0.139	1.00 - 4.00
6-00314	60495	Pa-231	-0.329 U	0.636	0.224	0.936	1.00 - 4.00
6-00314	60495	Pb-212	1.35	0.0265	0.0863	2.69	1.00 - 4.00
6-00314	60495	Pb-214	1.02	0.0265	0.0485	1.7	1.00 - 4.00
6-00314	60495	Pu-236	-0.0114 U	0.0379	0.0079	7.79	1.00 - 4.00
6-00314	60495	Pu-238	0.0047 U	0.0295	0.0078	0.0415	1.00 - 4.00
6-00314	60495	Pu-239/240	-0.0021 U	0.0238	0.0048	0.0404	1.00 - 4.00
6-00314	60495	Pu-244	0.003 U	0.0151	0.0038	0.0313	1.00 - 4.00
6-00314	60495	Sb-125	0.0082 U	0.0361	0.0111	0.354	1.00 - 4.00
6-00314	60495	Sn-126	0.0074 J	0.0139	0.0044	0.0237	1.00 - 4.00
6-00314	60495	Sr-90	-0.0244 U	0.159	0.0381	0.485	1.00 - 4.00
6-00314	60495	Th-228	1.35	0.0787	0.127	3.98	1.00 - 4.00
6-00314	60495	Th-229	0.0208	0.0511	0.0156	0.145	1.00 - 4.00
6-00314	60495	Th-230	0.894	0.0746	0.0954	2.2	1.00 - 4.00
6-00314	60495	Th-232	1.3	0.0187	0.12	3.1	1.00 - 4.00
6-00314	60495	Th-234	1.29 J	0.246	0.145	3.19	1.00 - 4.00
6-00314	60495	Tl-208	0.402	0.0134	0.0225	0.937	1.00 - 4.00
6-00314	60495	Tm-171	-3.7 U	12.9	4.47	72.4	1.00 - 4.00
6-00314	60495	U-233/234	0.781	0.0553	0.0881	2.02	1.00 - 4.00
6-00314	60495	U-235/236	0.0613	0.0185	0.0209	0.151	1.00 - 4.00
6-00314	60495	U-238	1.02	0.0351	0.106	1.8	1.00 - 4.00
6-00315	60496	Ac-227	0.0262 U	0.209	0.0649	0.217	0.00 - 0.50
6-00315	60496	Ac-228	1.2	0.0842	0.0581	2.4	0.00 - 0.50
6-00315	60496	Am-241	0.0121	0.0198	0.0065	0.0454	0.00 - 0.50
6-00315	60496	Bi-212	0.802	0.118	0.0654	2.15	0.00 - 0.50
6-00315	60496	Bi-214	1.16	0.0307	0.0521	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00315	60496	Cd-113m	-56.1 U	140	45.8	3030	0.00 - 0.50
6-00315	60496	Cm-243/244	0.0031 U	0.0215	0.0057	0.0443	0.00 - 0.50
6-00315	60496	Co-60	0.0059 U	0.0165	0.005	0.028	0.00 - 0.50
6-00315	60496	Cs-134	-0.001 U	0.0155	0.0053	0.0864	0.00 - 0.50
6-00315	60496	Cs-137	3.29	0.0154	0.177	0.207	0.00 - 0.50
6-00315	60496	Eu-152	-0.0455 UJ	0.0522	0.0213	0.0566	0.00 - 0.50
6-00315	60496	Eu-154	-0.0274 U	0.0901	0.0284	0.15	0.00 - 0.50
6-00315	60496	Eu-155	0.0447 JS	0.0723	0.0217	0.231	0.00 - 0.50
6-00315	60496	Ho-166m	0.0021 U	0.0234	0.0069	0.0432	0.00 - 0.50
6-00315	60496	K-40	24.8	0.109	1.54	32.4	0.00 - 0.50
6-00315	60496	Na-22	-0.0012 U	0.019	0.0066	0.037	0.00 - 0.50
6-00315	60496	Nb-94	0.0137 JS	0.0139	0.0051	0.0214	0.00 - 0.50
6-00315	60496	Np-236	-0.0152 UJ	0.0382	0.0124	0.047	0.00 - 0.50
6-00315	60496	Np-239	0.0809 J	0.137	0.0461	0.139	0.00 - 0.50
6-00315	60496	Pa-231	-0.521 U	0.859	0.299	0.936	0.00 - 0.50
6-00315	60496	Pb-212	1.38	0.0355	0.0911	2.69	0.00 - 0.50
6-00315	60496	Pb-214	1.27	0.0387	0.0631	1.7	0.00 - 0.50
6-00315	60496	Pu-236	0.004 U	0.0146	0.004	7.79	0.00 - 0.50
6-00315	60496	Pu-238	-0.0076 U	0.0248	0.0046	0.0415	0.00 - 0.50
6-00315	60496	Pu-239/240	0.0302	0.0203	0.009	0.0404	0.00 - 0.50
6-00315	60496	Pu-244	0.0076	0.0051	0.0038	0.0313	0.00 - 0.50
6-00315	60496	Sb-125	0.0043 U	0.0548	0.0165	0.354	0.00 - 0.50
6-00315	60496	Sn-126	-0.0057 U	0.0145	0.0045	0.0237	0.00 - 0.50
6-00315	60496	Sr-90	-0.0158 U	0.132	0.0352	0.485	0.00 - 0.50
6-00315	60496	Th-228	0.98	0.0993	0.114	3.98	0.00 - 0.50
6-00315	60496	Th-229	0.0345	0.0234	0.0174	0.145	0.00 - 0.50
6-00315	60496	Th-230	0.757	0.0633	0.0936	2.2	0.00 - 0.50
6-00315	60496	Th-232	1.04	0.0631	0.114	3.1	0.00 - 0.50
6-00315	60496	Th-234	1.42 J	0.315	0.162	3.19	0.00 - 0.50
6-00315	60496	Tl-208	0.411	0.0167	0.0233	0.937	0.00 - 0.50
6-00315	60496	Tm-171	-12.5 U	18.6	6.93	72.4	0.00 - 0.50
6-00315	60496	U-233/234	0.919	0.0442	0.099	2.02	0.00 - 0.50
6-00315	60496	U-235/236	0.0623	0.0188	0.0213	0.151	0.00 - 0.50
6-00315	60496	U-238	0.771	0.0442	0.0872	1.8	0.00 - 0.50
6-00315	60497	Ac-227	0.0733 U	0.246	0.0743	0.217	1.00 - 4.00
6-00315	60497	Ac-228	1.16	0.106	0.0618	2.4	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00315	60497	Am-241	0.0061 U	0.0194	0.0055	0.0454	1.00 - 4.00
6-00315	60497	Bi-212	0.896 J	0.148	0.0932	2.15	1.00 - 4.00
6-00315	60497	Bi-214	0.759	0.0334	0.0417	1.59	1.00 - 4.00
6-00315	60497	Cd-113m	-79.7 U	162	59.9	3030	1.00 - 4.00
6-00315	60497	Cm-243/244	-0.0032 U	0.0303	0.0074	0.0443	1.00 - 4.00
6-00315	60497	Co-60	-0.0001 U	0.0201	0.0058	0.028	1.00 - 4.00
6-00315	60497	Cs-134	0.078 J	0.0231	0.0197	0.0864	1.00 - 4.00
6-00315	60497	Cs-137	0.0029 U	0.0193	0.0058	0.207	1.00 - 4.00
6-00315	60497	Eu-152	-0.0602 U	0.0572	0.0383	0.0566	1.00 - 4.00
6-00315	60497	Eu-154	-0.0316 U	0.104	0.0324	0.15	1.00 - 4.00
6-00315	60497	Eu-155	-0.0223 U	0.0921	0.0287	0.231	1.00 - 4.00
6-00315	60497	Ho-166m	-0.0235 UJ	0.029	0.0106	0.0432	1.00 - 4.00
6-00315	60497	K-40	20.4	0.123	1.34	32.4	1.00 - 4.00
6-00315	60497	Na-22	0.0018 U	0.0237	0.0069	0.037	1.00 - 4.00
6-00315	60497	Nb-94	0.0121 J	0.0175	0.0058	0.0214	1.00 - 4.00
6-00315	60497	Np-236	-0.0259 U	0.0487	0.0162	0.047	1.00 - 4.00
6-00315	60497	Np-239	-0.0138 U	0.167	0.0542	0.139	1.00 - 4.00
6-00315	60497	Pa-231	0.0296 U	0.994	0.343	0.936	1.00 - 4.00
6-00315	60497	Pb-212	1.6	0.0426	0.118	2.69	1.00 - 4.00
6-00315	60497	Pb-214	0.817	0.0414	0.0496	1.7	1.00 - 4.00
6-00315	60497	Pu-236	-0.0065 U	0.0225	0.0039	7.79	1.00 - 4.00
6-00315	60497	Pu-238	-0.0077 U	0.0234	0.0041	0.0415	1.00 - 4.00
6-00315	60497	Pu-239/240	0.0012 U	0.0169	0.0037	0.0404	1.00 - 4.00
6-00315	60497	Pu-244	0.0027 U	0.0136	0.0034	0.0313	1.00 - 4.00
6-00315	60497	Sb-125	0.0183 U	0.0533	0.0162	0.354	1.00 - 4.00
6-00315	60497	Sn-126	0.0004 UJ	0.0196	0.0058	0.0237	1.00 - 4.00
6-00315	60497	Sr-90	0.122	0.153	0.0516	0.485	1.00 - 4.00
6-00315	60497	Th-228	1.38 J	0.17	0.173	3.98	1.00 - 4.00
6-00315	60497	Th-229	0.0266 UJ	0.143	0.0376	0.145	1.00 - 4.00
6-00315	60497	Th-230	0.887	0.0359	0.124	2.2	1.00 - 4.00
6-00315	60497	Th-232	1	0.0358	0.134	3.1	1.00 - 4.00
6-00315	60497	Th-234	0.957 J	0.483	0.178	3.19	1.00 - 4.00
6-00315	60497	Tl-208	0.389	0.0185	0.0246	0.937	1.00 - 4.00
6-00315	60497	Tm-171	-28.4 UJ	24.6	12.2	72.4	1.00 - 4.00
6-00315	60497	U-233/234	0.961	0.035	0.102	2.02	1.00 - 4.00
6-00315	60497	U-235/236	0.0408	0.0184	0.0169	0.151	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00315	60497	U-238	0.985	0.035	0.103	1.8	1.00 - 4.00
6-00316	60498	Ac-227	0.0336 U	0.161	0.0551	0.217	0.00 - 0.50
6-00316	60498	Ac-228	1.05	0.0734	0.0515	2.4	0.00 - 0.50
6-00316	60498	Am-241	0.0063	0.0043	0.0032	0.0454	0.00 - 0.50
6-00316	60498	Bi-212	0.754	0.0966	0.0667	2.15	0.00 - 0.50
6-00316	60498	Bi-214	0.903	0.0237	0.0413	1.59	0.00 - 0.50
6-00316	60498	Cd-113m	33.5 U	108	42.2	3030	0.00 - 0.50
6-00316	60498	Cm-243/244	0 U	0.0147	0.0032	0.0443	0.00 - 0.50
6-00316	60498	Co-60	-0.0066 U	0.0129	0.0042	0.028	0.00 - 0.50
6-00316	60498	Cs-134	0.0091 JS	0.0124	0.0047	0.0864	0.00 - 0.50
6-00316	60498	Cs-137	1.49	0.0129	0.079	0.207	0.00 - 0.50
6-00316	60498	Eu-152	-0.0473 UJ	0.0391	0.0195	0.0566	0.00 - 0.50
6-00316	60498	Eu-154	-0.0347 U	0.0714	0.023	0.15	0.00 - 0.50
6-00316	60498	Eu-155	0.0378 JS	0.0544	0.0197	0.231	0.00 - 0.50
6-00316	60498	Ho-166m	-0.0087 U	0.019	0.0062	0.0432	0.00 - 0.50
6-00316	60498	K-40	22.4	0.0933	1.36	32.4	0.00 - 0.50
6-00316	60498	Na-22	-0.003 U	0.0156	0.0055	0.037	0.00 - 0.50
6-00316	60498	Nb-94	-0.0033 U	0.0112	0.0035	0.0214	0.00 - 0.50
6-00316	60498	Np-236	-0.0185 UJ	0.0288	0.0106	0.047	0.00 - 0.50
6-00316	60498	Np-239	-0.0147 U	0.106	0.0314	0.139	0.00 - 0.50
6-00316	60498	Pa-231	-0.349 U	0.658	0.225	0.936	0.00 - 0.50
6-00316	60498	Pb-212	1.25	0.0277	0.0766	2.69	0.00 - 0.50
6-00316	60498	Pb-214	1.01	0.0281	0.0484	1.7	0.00 - 0.50
6-00316	60498	Pu-236	-0.0067 U	0.022	0.0041	7.79	0.00 - 0.50
6-00316	60498	Pu-238	0.0016 U	0.0118	0.0028	0.0415	0.00 - 0.50
6-00316	60498	Pu-239/240	0.0144	0.0192	0.0066	0.0404	0.00 - 0.50
6-00316	60498	Pu-244	0.0048	0.0043	0.0028	0.0313	0.00 - 0.50
6-00316	60498	Sb-125	0.0143 U	0.0406	0.0125	0.354	0.00 - 0.50
6-00316	60498	Sn-126	-0.0019 U	0.0126	0.0039	0.0237	0.00 - 0.50
6-00316	60498	Sr-90	-0.0013 U	0.133	0.0348	0.485	0.00 - 0.50
6-00316	60498	Th-228	0.873	0.0921	0.0933	3.98	0.00 - 0.50
6-00316	60498	Th-229	-0.0427 U	0.115	0.0252	0.145	0.00 - 0.50
6-00316	60498	Th-230	0.816	0.0859	0.0872	2.2	0.00 - 0.50
6-00316	60498	Th-232	1.12	0.0654	0.105	3.1	0.00 - 0.50
6-00316	60498	Th-234	1.3 J	0.22	0.131	3.19	0.00 - 0.50
6-00316	60498	Tl-208	0.374	0.0135	0.0209	0.937	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00316	60498	Tm-171	-7.24 U	9.93	3.89	72.4	0.00 - 0.50
6-00316	60498	U-233/234	0.873	0.043	0.101	2.02	0.00 - 0.50
6-00316	60498	U-235/236	0.019	0.0532	0.0157	0.151	0.00 - 0.50
6-00316	60498	U-238	0.927	0.043	0.106	1.8	0.00 - 0.50
6-00317	60500	Ac-227	0.0332 U	0.194	0.0571	0.217	0.00 - 0.50
6-00317	60500	Ac-228	1.14	0.111	0.056	2.4	0.00 - 0.50
6-00317	60500	Am-241	0.0033 U	0.0165	0.0042	0.0454	0.00 - 0.50
6-00317	60500	Bi-212	0.727 J	0.148	0.0735	2.15	0.00 - 0.50
6-00317	60500	Bi-214	1.01	0.0321	0.0484	1.59	0.00 - 0.50
6-00317	60500	Cd-113m	17.2 U	130	38.2	3030	0.00 - 0.50
6-00317	60500	Cm-243/244	0.0003 U	0.0211	0.0047	0.0443	0.00 - 0.50
6-00317	60500	Co-60	-0.0082 U	0.0193	0.0062	0.028	0.00 - 0.50
6-00317	60500	Cs-134	0.0074 U	0.0169	0.0058	0.0864	0.00 - 0.50
6-00317	60500	Cs-137	0.125	0.0164	0.0099	0.207	0.00 - 0.50
6-00317	60500	Eu-152	-0.0182 U	0.0486	0.0159	0.0566	0.00 - 0.50
6-00317	60500	Eu-154	-0.0482 U	0.111	0.0351	0.15	0.00 - 0.50
6-00317	60500	Eu-155	0.0844 JS	0.0697	0.0285	0.231	0.00 - 0.50
6-00317	60500	Ho-166m	-0.0128 U	0.0274	0.0089	0.0432	0.00 - 0.50
6-00317	60500	K-40	23.4	0.152	1.43	32.4	0.00 - 0.50
6-00317	60500	Na-22	-0.0055 U	0.0239	0.0073	0.037	0.00 - 0.50
6-00317	60500	Nb-94	0.0083 JS	0.0167	0.0052	0.0214	0.00 - 0.50
6-00317	60500	Np-236	0.0123 U	0.0362	0.0112	0.047	0.00 - 0.50
6-00317	60500	Np-239	-0.0031 U	0.126	0.0368	0.139	0.00 - 0.50
6-00317	60500	Pa-231	-0.452 U	0.773	0.257	0.936	0.00 - 0.50
6-00317	60500	Pb-212	1.31	0.0342	0.0788	2.69	0.00 - 0.50
6-00317	60500	Pb-214	1.11	0.0338	0.0534	1.7	0.00 - 0.50
6-00317	60500	Pu-236	-0.0093 UJ	0.0515	0.0111	7.79	0.00 - 0.50
6-00317	60500	Pu-238	-0.01 UJ	0.06	0.0141	0.0415	0.00 - 0.50
6-00317	60500	Pu-239/240	-0.0031 UJ	0.0356	0.0072	0.0404	0.00 - 0.50
6-00317	60500	Pu-244	-0.0026 UJ	0.0226	0.0044	0.0313	0.00 - 0.50
6-00317	60500	Sb-125	-0.0069 U	0.0467	0.0143	0.354	0.00 - 0.50
6-00317	60500	Sn-126	0.0082 U	0.0187	0.0057	0.0237	0.00 - 0.50
6-00317	60500	Sr-90	0.0018 U	0.171	0.0456	0.485	0.00 - 0.50
6-00317	60500	Th-228	1.58	0.124	0.149	3.98	0.00 - 0.50
6-00317	60500	Th-229	0.0143 U	0.0773	0.0203	0.145	0.00 - 0.50
6-00317	60500	Th-230	1.04	0.0527	0.106	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00317	60500	Th-232	1.53	0.0525	0.139	3.1	0.00 - 0.50
6-00317	60500	Th-234	1.14 J	0.289	0.135	3.19	0.00 - 0.50
6-00317	60500	Tl-208	0.428	0.0179	0.0251	0.937	0.00 - 0.50
6-00317	60500	Tm-171	-2.96 U	14.8	4.93	72.4	0.00 - 0.50
6-00317	60500	U-233/234	1.21	0.0467	0.133	2.02	0.00 - 0.50
6-00317	60500	U-235/236	0.0453	0.0246	0.0206	0.151	0.00 - 0.50
6-00317	60500	U-238	1.01	0.0578	0.116	1.8	0.00 - 0.50
6-00318	60502	Ac-227	0.0313 U	0.155	0.0477	0.217	0.00 - 0.50
6-00318	60502	Ac-228	1.21	0.0762	0.0562	2.4	0.00 - 0.50
6-00318	60502	Am-241	0.0042 U	0.0249	0.0066	0.0454	0.00 - 0.50
6-00318	60502	Bi-212	0.774	0.103	0.0642	2.15	0.00 - 0.50
6-00318	60502	Bi-214	1.06	0.0236	0.0472	1.59	0.00 - 0.50
6-00318	60502	Cd-113m	4.97 U	104	32.8	3030	0.00 - 0.50
6-00318	60502	Cm-243/244	0.0063 U	0.0194	0.0055	0.0443	0.00 - 0.50
6-00318	60502	Co-60	-0.0001 U	0.0139	0.0041	0.028	0.00 - 0.50
6-00318	60502	Cs-134	-0.0006 U	0.0118	0.0041	0.0864	0.00 - 0.50
6-00318	60502	Cs-137	0.622	0.0143	0.0345	0.207	0.00 - 0.50
6-00318	60502	Eu-152	-0.0332 UJ	0.0382	0.0169	0.0566	0.00 - 0.50
6-00318	60502	Eu-154	0.0309 U	0.0745	0.0265	0.15	0.00 - 0.50
6-00318	60502	Eu-155	0.0833 JS	0.054	0.021	0.231	0.00 - 0.50
6-00318	60502	Ho-166m	0.0007 U	0.0201	0.006	0.0432	0.00 - 0.50
6-00318	60502	K-40	23.9	0.094	1.38	32.4	0.00 - 0.50
6-00318	60502	Na-22	0.0006 U	0.0164	0.0048	0.037	0.00 - 0.50
6-00318	60502	Nb-94	0.0118 JS	0.0121	0.0044	0.0214	0.00 - 0.50
6-00318	60502	Np-236	-0.0126 UJ	0.0289	0.0095	0.047	0.00 - 0.50
6-00318	60502	Np-239	0.0092 U	0.102	0.0311	0.139	0.00 - 0.50
6-00318	60502	Pa-231	-0.384 U	0.637	0.218	0.936	0.00 - 0.50
6-00318	60502	Pb-212	1.38	0.027	0.083	2.69	0.00 - 0.50
6-00318	60502	Pb-214	1.17	0.0276	0.0547	1.7	0.00 - 0.50
6-00318	60502	Pu-236	0	0.0044	0.0016	7.79	0.00 - 0.50
6-00318	60502	Pu-238	0.0016	0.0042	0.0016	0.0415	0.00 - 0.50
6-00318	60502	Pu-239/240	0.0062	0.0145	0.0044	0.0404	0.00 - 0.50
6-00318	60502	Pu-244	0.0031	0.0042	0.0022	0.0313	0.00 - 0.50
6-00318	60502	Sb-125	-0.0086 U	0.0362	0.0109	0.354	0.00 - 0.50
6-00318	60502	Sn-126	0.0035 U	0.0131	0.004	0.0237	0.00 - 0.50
6-00318	60502	Sr-90	0.0004 U	0.0943	0.0243	0.485	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00318	60502	Th-228	1.18	0.123	0.118	3.98	0.00 - 0.50
6-00318	60502	Th-229	0.0329	0.0485	0.0175	0.145	0.00 - 0.50
6-00318	60502	Th-230	0.821	0.0707	0.0891	2.2	0.00 - 0.50
6-00318	60502	Th-232	1	0.0482	0.1	3.1	0.00 - 0.50
6-00318	60502	Th-234	1.57	0.235	0.139	3.19	0.00 - 0.50
6-00318	60502	Tl-208	0.455	0.0131	0.0245	0.937	0.00 - 0.50
6-00318	60502	Tm-171	-14.2 UJ	10.9	5.05	72.4	0.00 - 0.50
6-00318	60502	U-233/234	0.897	0.0351	0.0964	2.02	0.00 - 0.50
6-00318	60502	U-235/236	0.0341	0.0185	0.0154	0.151	0.00 - 0.50
6-00318	60502	U-238	0.97	0.0149	0.102	1.8	0.00 - 0.50
6-00318	60503	Ac-227	-0.0338 U	0.168	0.0502	0.217	1.00 - 2.00
6-00318	60503	Ac-228	1.26	0.0887	0.0585	2.4	1.00 - 2.00
6-00318	60503	Am-241	-0.0058 U	0.0238	0.0046	0.0454	1.00 - 2.00
6-00318	60503	Bi-212	0.926	0.116	0.081	2.15	1.00 - 2.00
6-00318	60503	Bi-214	0.884	0.0261	0.0414	1.59	1.00 - 2.00
6-00318	60503	Cd-113m	-16.1 U	110	32.7	3030	1.00 - 2.00
6-00318	60503	Cm-243/244	0.0019	0.0052	0.0019	0.0443	1.00 - 2.00
6-00318	60503	Co-60	-0.0024 U	0.0155	0.0045	0.028	1.00 - 2.00
6-00318	60503	Cs-134	-0.0102 U	0.0125	0.0052	0.0864	1.00 - 2.00
6-00318	60503	Cs-137	0.0021 U	0.0148	0.0049	0.207	1.00 - 2.00
6-00318	60503	Eu-152	0.0107 U	0.0411	0.0139	0.0566	1.00 - 2.00
6-00318	60503	Eu-154	-0.0391 U	0.0848	0.0275	0.15	1.00 - 2.00
6-00318	60503	Eu-155	0.0338 J	0.0593	0.0195	0.231	1.00 - 2.00
6-00318	60503	Ho-166m	-0.0024 U	0.0238	0.007	0.0432	1.00 - 2.00
6-00318	60503	K-40	21.9	0.126	1.23	32.4	1.00 - 2.00
6-00318	60503	Na-22	0.0006 U	0.019	0.0057	0.037	1.00 - 2.00
6-00318	60503	Nb-94	0.0107 J	0.014	0.0046	0.0214	1.00 - 2.00
6-00318	60503	Np-236	0.0003 U	0.0313	0.0096	0.047	1.00 - 2.00
6-00318	60503	Np-239	-0.0433 U	0.111	0.0343	0.139	1.00 - 2.00
6-00318	60503	Pa-231	-0.167 U	0.684	0.214	0.936	1.00 - 2.00
6-00318	60503	Pb-212	1.42	0.029	0.0855	2.69	1.00 - 2.00
6-00318	60503	Pb-214	0.961	0.0288	0.0463	1.7	1.00 - 2.00
6-00318	60503	Pu-236	-0.0069 U	0.0241	0.0042	7.79	1.00 - 2.00
6-00318	60503	Pu-238	-0.001 U	0.0182	0.0033	0.0415	1.00 - 2.00
6-00318	60503	Pu-239/240	0.0059 U	0.0181	0.0052	0.0404	1.00 - 2.00
6-00318	60503	Pu-244	0.0006 U	0.0147	0.0028	0.0313	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00318	60503	Sb-125	0.0087 U	0.0384	0.0115	0.354	1.00 - 2.00
6-00318	60503	Sn-126	0.0024 UJ	0.0152	0.0044	0.0237	1.00 - 2.00
6-00318	60503	Sr-90	-0.0521 U	0.276	0.0694	0.485	1.00 - 2.00
6-00318	60503	Th-228	1.44	0.107	0.141	3.98	1.00 - 2.00
6-00318	60503	Th-229	-0.0154 U	0.115	0.0266	0.145	1.00 - 2.00
6-00318	60503	Th-230	0.858	0.0208	0.0961	2.2	1.00 - 2.00
6-00318	60503	Th-232	1.12	0.0207	0.115	3.1	1.00 - 2.00
6-00318	60503	Th-234	1.51	0.246	0.146	3.19	1.00 - 2.00
6-00318	60503	Tl-208	0.44	0.0147	0.0248	0.937	1.00 - 2.00
6-00318	60503	Tm-171	-2.71 U	9.82	3.38	72.4	1.00 - 2.00
6-00318	60503	U-233/234	0.726	0.0131	0.0793	2.02	1.00 - 2.00
6-00318	60503	U-235/236	0.0478	0.0162	0.0173	0.151	1.00 - 2.00
6-00318	60503	U-238	0.886	0.0308	0.092	1.8	1.00 - 2.00
6-00319	60504	Ac-227	0.006 U	0.168	0.049	0.217	0.00 - 0.50
6-00319	60504	Ac-228	1.26	0.086	0.0589	2.4	0.00 - 0.50
6-00319	60504	Am-241	0.0041	0.0055	0.0029	0.0454	0.00 - 0.50
6-00319	60504	Bi-212	0.945	0.116	0.0798	2.15	0.00 - 0.50
6-00319	60504	Bi-214	0.887	0.0255	0.0422	1.59	0.00 - 0.50
6-00319	60504	Cd-113m	50.2 U	112	35.5	3030	0.00 - 0.50
6-00319	60504	Cm-243/244	0.0062	0.0056	0.0036	0.0443	0.00 - 0.50
6-00319	60504	Co-60	-0.0027 U	0.0155	0.0045	0.028	0.00 - 0.50
6-00319	60504	Cs-134	0.0078 JS	0.0134	0.0048	0.0864	0.00 - 0.50
6-00319	60504	Cs-137	0.11	0.0147	0.0095	0.207	0.00 - 0.50
6-00319	60504	Eu-152	0.0023 U	0.0399	0.0127	0.0566	0.00 - 0.50
6-00319	60504	Eu-154	-0.0077 U	0.0866	0.0258	0.15	0.00 - 0.50
6-00319	60504	Eu-155	0.0577 JS	0.0601	0.0225	0.231	0.00 - 0.50
6-00319	60504	Ho-166m	-0.0058 U	0.0231	0.0069	0.0432	0.00 - 0.50
6-00319	60504	K-40	21.3	0.115	1.2	32.4	0.00 - 0.50
6-00319	60504	Na-22	0.0011 U	0.0178	0.0059	0.037	0.00 - 0.50
6-00319	60504	Nb-94	0.0043 U	0.0138	0.0041	0.0214	0.00 - 0.50
6-00319	60504	Np-236	-0.0121 U	0.031	0.01	0.047	0.00 - 0.50
6-00319	60504	Np-239	0.0627 J	0.115	0.0364	0.139	0.00 - 0.50
6-00319	60504	Pa-231	-0.422 U	0.667	0.231	0.936	0.00 - 0.50
6-00319	60504	Pb-212	1.4	0.0294	0.0841	2.69	0.00 - 0.50
6-00319	60504	Pb-214	1	0.028	0.049	1.7	0.00 - 0.50
6-00319	60504	Pu-236	0.0047 UJ	0.0235	0.0059	7.79	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00319	60504	Pu-238	-0.0021 UJ	0.0379	0.0082	0.0415	0.00 - 0.50
6-00319	60504	Pu-239/240	0.0044 UJ	0.0221	0.0055	0.0404	0.00 - 0.50
6-00319	60504	Pu-244	0	0.0094	0.0035	0.0313	0.00 - 0.50
6-00319	60504	Sb-125	-0.017 U	0.0383	0.0124	0.354	0.00 - 0.50
6-00319	60504	Sn-126	-0.0042 U	0.0145	0.0044	0.0237	0.00 - 0.50
6-00319	60504	Sr-90	0.0305 U	0.108	0.0314	0.485	0.00 - 0.50
6-00319	60504	Th-228	1.4	0.0717	0.133	3.98	0.00 - 0.50
6-00319	60504	Th-229	0.0424	0.0521	0.0202	0.145	0.00 - 0.50
6-00319	60504	Th-230	0.861	0.076	0.0941	2.2	0.00 - 0.50
6-00319	60504	Th-232	1.13	0.0518	0.111	3.1	0.00 - 0.50
6-00319	60504	Th-234	1.19	0.235	0.117	3.19	0.00 - 0.50
6-00319	60504	Tl-208	0.416	0.0144	0.0241	0.937	0.00 - 0.50
6-00319	60504	Tm-171	-1.91 U	9.75	3.32	72.4	0.00 - 0.50
6-00319	60504	U-233/234	0.661	0.0541	0.0806	2.02	0.00 - 0.50
6-00319	60504	U-235/236	0.0284	0.0669	0.0204	0.151	0.00 - 0.50
6-00319	60504	U-238	0.84	0.0471	0.0949	1.8	0.00 - 0.50
6-00319	60505	Ac-227	0.147 J	0.201	0.07	0.217	1.00 - 5.00
6-00319	60505	Ac-228	1.19	0.0996	0.0582	2.4	1.00 - 5.00
6-00319	60505	Am-241	0.0075	0.0068	0.0044	0.0454	1.00 - 5.00
6-00319	60505	Bi-212	0.729 J	0.129	0.0779	2.15	1.00 - 5.00
6-00319	60505	Bi-214	0.756	0.03	0.0383	1.59	1.00 - 5.00
6-00319	60505	Cd-113m	33.4 U	131	42.3	3030	1.00 - 5.00
6-00319	60505	Cm-243/244	-0.0036 U	0.0198	0.0036	0.0443	1.00 - 5.00
6-00319	60505	Co-60	0.0154 J	0.0195	0.0065	0.028	1.00 - 5.00
6-00319	60505	Cs-134	0.0015 U	0.0144	0.0048	0.0864	1.00 - 5.00
6-00319	60505	Cs-137	0.0002 U	0.0176	0.0051	0.207	1.00 - 5.00
6-00319	60505	Eu-152	-0.0089 U	0.0484	0.0167	0.0566	1.00 - 5.00
6-00319	60505	Eu-154	0.021 U	0.0974	0.0337	0.15	1.00 - 5.00
6-00319	60505	Eu-155	0.0253 U	0.0767	0.0234	0.231	1.00 - 5.00
6-00319	60505	Ho-166m	-0.0067 U	0.0259	0.0079	0.0432	1.00 - 5.00
6-00319	60505	K-40	19.9	0.126	1.24	32.4	1.00 - 5.00
6-00319	60505	Na-22	0.0025 U	0.0217	0.0071	0.037	1.00 - 5.00
6-00319	60505	Nb-94	0.003 U	0.0155	0.0046	0.0214	1.00 - 5.00
6-00319	60505	Np-236	-0.0288 SUJ	0.0397	0.0138	0.047	1.00 - 5.00
6-00319	60505	Np-239	0.0176 U	0.135	0.0415	0.139	1.00 - 5.00
6-00319	60505	Pa-231	-0.208 U	0.837	0.266	0.936	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00319	60505	Pb-212	1.29	0.034	0.0856	2.69	1.00 - 5.00
6-00319	60505	Pb-214	0.858	0.035	0.0456	1.7	1.00 - 5.00
6-00319	60505	Pu-236	0.0007 U	0.0159	0.0031	7.79	1.00 - 5.00
6-00319	60505	Pu-238	-0.0011 U	0.0193	0.0035	0.0415	1.00 - 5.00
6-00319	60505	Pu-239/240	0.0007 U	0.0156	0.003	0.0404	1.00 - 5.00
6-00319	60505	Pu-244	0.0007 U	0.0156	0.003	0.0313	1.00 - 5.00
6-00319	60505	Sb-125	0.0023 U	0.0437	0.013	0.354	1.00 - 5.00
6-00319	60505	Sn-126	0.0049 U	0.0183	0.0054	0.0237	1.00 - 5.00
6-00319	60505	Sr-90	0.0706 U	0.287	0.0833	0.485	1.00 - 5.00
6-00319	60505	Th-228	1.11	0.124	0.107	3.98	1.00 - 5.00
6-00319	60505	Th-229	-0.0113 U	0.0739	0.0159	0.145	1.00 - 5.00
6-00319	60505	Th-230	0.804	0.0606	0.0824	2.2	1.00 - 5.00
6-00319	60505	Th-232	1.19	0.0152	0.106	3.1	1.00 - 5.00
6-00319	60505	Th-234	1.61 J	0.411	0.414	3.19	1.00 - 5.00
6-00319	60505	Tl-208	0.417	0.0164	0.0243	0.937	1.00 - 5.00
6-00319	60505	Tm-171	-8.32 U	18.8	5.88	72.4	1.00 - 5.00
6-00319	60505	U-233/234	0.875	0.0639	0.104	2.02	1.00 - 5.00
6-00319	60505	U-235/236	0.0286	0.0556	0.0187	0.151	1.00 - 5.00
6-00319	60505	U-238	1.14	0.0191	0.125	1.8	1.00 - 5.00
6-00320	60506	Ac-227	0.0478 U	0.136	0.0414	0.217	0.00 - 0.50
6-00320	60506	Ac-228	1.27	0.0696	0.0573	2.4	0.00 - 0.50
6-00320	60506	Am-241	0.0095	0.0164	0.0055	0.0454	0.00 - 0.50
6-00320	60506	Bi-212	0.947	0.0897	0.0689	2.15	0.00 - 0.50
6-00320	60506	Bi-214	1.15	0.0203	0.0498	1.59	0.00 - 0.50
6-00320	60506	Cd-113m	31.4 U	89.6	27.2	3030	0.00 - 0.50
6-00320	60506	Cm-243/244	0.0012 U	0.0165	0.0037	0.0443	0.00 - 0.50
6-00320	60506	Co-60	0.0007 U	0.0126	0.0036	0.028	0.00 - 0.50
6-00320	60506	Cs-134	0.015 SK	0.0102	0.0041	0.0864	0.00 - 0.50
6-00320	60506	Cs-137	0.228	0.0119	0.0134	0.207	0.00 - 0.50
6-00320	60506	Eu-152	-0.0226 U	0.0318	0.0114	0.0566	0.00 - 0.50
6-00320	60506	Eu-154	0.0146 U	0.0687	0.0236	0.15	0.00 - 0.50
6-00320	60506	Eu-155	0.0638 SJ	0.0449	0.0155	0.231	0.00 - 0.50
6-00320	60506	Ho-166m	-0.0051 U	0.0181	0.0055	0.0432	0.00 - 0.50
6-00320	60506	K-40	24.5	0.0865	1.37	32.4	0.00 - 0.50
6-00320	60506	Na-22	0.0037 U	0.0148	0.005	0.037	0.00 - 0.50
6-00320	60506	Nb-94	0.0058 SJ	0.0108	0.0034	0.0214	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00320	60506	Np-236	0.0008 U	0.0248	0.0076	0.047	0.00 - 0.50
6-00320	60506	Np-239	-0.0001 U	0.0887	0.026	0.139	0.00 - 0.50
6-00320	60506	Pa-231	0.254 U	0.556	0.178	0.936	0.00 - 0.50
6-00320	60506	Pb-212	1.51	0.0235	0.0895	2.69	0.00 - 0.50
6-00320	60506	Pb-214	1.26	0.0229	0.0581	1.7	0.00 - 0.50
6-00320	60506	Pu-236	0.0003 U	0.0235	0.0053	7.79	0.00 - 0.50
6-00320	60506	Pu-238	0.005 U	0.0289	0.0077	0.0415	0.00 - 0.50
6-00320	60506	Pu-239/240	0.0037 U	0.0258	0.0067	0.0404	0.00 - 0.50
6-00320	60506	Pu-244	0.0044	0.006	0.0031	0.0313	0.00 - 0.50
6-00320	60506	Sb-125	0.0028 U	0.0312	0.0094	0.354	0.00 - 0.50
6-00320	60506	Sn-126	-0.0031 U	0.0115	0.0035	0.0237	0.00 - 0.50
6-00320	60506	Sr-90	-0.0963 U	0.24	0.059	0.485	0.00 - 0.50
6-00320	60506	Th-228	1.38	0.054	0.128	3.98	0.00 - 0.50
6-00320	60506	Th-229	0.0136 U	0.0734	0.0193	0.145	0.00 - 0.50
6-00320	60506	Th-230	0.979	0.0184	0.0989	2.2	0.00 - 0.50
6-00320	60506	Th-232	1.22	0.0184	0.115	3.1	0.00 - 0.50
6-00320	60506	Th-234	1.74	0.187	0.135	3.19	0.00 - 0.50
6-00320	60506	Tl-208	0.468	0.0117	0.0247	0.937	0.00 - 0.50
6-00320	60506	Tm-171	-3.72 UJ	7.69	2.76	72.4	0.00 - 0.50
6-00320	60506	U-233/234	0.877	0.0492	0.0824	2.02	0.00 - 0.50
6-00320	60506	U-235/236	0.0486	0.0376	0.0165	0.151	0.00 - 0.50
6-00320	60506	U-238	0.983	0.0394	0.0896	1.8	0.00 - 0.50
6-00320	60507	Ac-227	0.0766 U	0.199	0.0606	0.217	1.00 - 2.00
6-00320	60507	Ac-228	1.35	0.102	0.0643	2.4	1.00 - 2.00
6-00320	60507	Am-241	0.0139	0.0126	0.0081	0.0454	1.00 - 2.00
6-00320	60507	Bi-212	0.874	0.141	0.0822	2.15	1.00 - 2.00
6-00320	60507	Bi-214	1.14	0.0309	0.0537	1.59	1.00 - 2.00
6-00320	60507	Cd-113m	54.1 U	132	41.8	3030	1.00 - 2.00
6-00320	60507	Cm-243/244	0.0185	0.0314	0.011	0.0443	1.00 - 2.00
6-00320	60507	Co-60	0.006 U	0.0195	0.0057	0.028	1.00 - 2.00
6-00320	60507	Cs-134	-0.0089 UJ	0.0148	0.0056	0.0864	1.00 - 2.00
6-00320	60507	Cs-137	0.0155	0.0205	0.0075	0.207	1.00 - 2.00
6-00320	60507	Eu-152	-0.0347 U	0.0475	0.0187	0.0566	1.00 - 2.00
6-00320	60507	Eu-154	-0.0097 U	0.107	0.0312	0.15	1.00 - 2.00
6-00320	60507	Eu-155	0.113 JS	0.0667	0.0286	0.231	1.00 - 2.00
6-00320	60507	Ho-166m	0.0147 JS	0.0301	0.0093	0.0432	1.00 - 2.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00320	60507	K-40	22.3	0.149	1.21	32.4	1.00 - 2.00
6-00320	60507	Na-22	-0.0058 U	0.0218	0.0067	0.037	1.00 - 2.00
6-00320	60507	Nb-94	0.0096 JS	0.017	0.0054	0.0214	1.00 - 2.00
6-00320	60507	Np-236	-0.0122 U	0.0372	0.0118	0.047	1.00 - 2.00
6-00320	60507	Np-239	-0.0143 U	0.13	0.0384	0.139	1.00 - 2.00
6-00320	60507	Pa-231	0.0974 U	0.833	0.247	0.936	1.00 - 2.00
6-00320	60507	Pb-212	1.51	0.033	0.0869	2.69	1.00 - 2.00
6-00320	60507	Pb-214	1.26	0.0362	0.0595	1.7	1.00 - 2.00
6-00320	60507	Pu-236	-0.0005 U	0.0266	0.0055	7.79	1.00 - 2.00
6-00320	60507	Pu-238	0.0045 U	0.0228	0.0058	0.0415	1.00 - 2.00
6-00320	60507	Pu-239/240	0.0069 U	0.0315	0.0085	0.0404	1.00 - 2.00
6-00320	60507	Pu-244	0.0008 U	0.0184	0.0036	0.0313	1.00 - 2.00
6-00320	60507	Sb-125	0.0005 U	0.0473	0.0143	0.354	1.00 - 2.00
6-00320	60507	Sn-126	0.0032 U	0.0195	0.0058	0.0237	1.00 - 2.00
6-00320	60507	Sr-90	0.0387 U	0.296	0.0833	0.485	1.00 - 2.00
6-00320	60507	Th-228	1.52	0.0717	0.142	3.98	1.00 - 2.00
6-00320	60507	Th-229	0.0225	0.0203	0.013	0.145	1.00 - 2.00
6-00320	60507	Th-230	1.24	0.0202	0.121	2.2	1.00 - 2.00
6-00320	60507	Th-232	1.38	0.0548	0.131	3.1	1.00 - 2.00
6-00320	60507	Th-234	1.85	0.298	0.17	3.19	1.00 - 2.00
6-00320	60507	Tl-208	0.485	0.0174	0.0282	0.937	1.00 - 2.00
6-00320	60507	Tm-171	3.12 U	11.7	3.94	72.4	1.00 - 2.00
6-00320	60507	U-233/234	1.05	0.0392	0.105	2.02	1.00 - 2.00
6-00320	60507	U-235/236	0.0447	0.0392	0.0182	0.151	1.00 - 2.00
6-00320	60507	U-238	1.11	0.0317	0.11	1.8	1.00 - 2.00
6-00321	60508	Ac-227	0.012 U	0.124	0.0429	0.217	0.00 - 0.50
6-00321	60508	Ac-228	1.33	0.0737	0.0587	2.4	0.00 - 0.50
6-00321	60508	Am-241	0.0012 U	0.0145	0.0036	0.0454	0.00 - 0.50
6-00321	60508	Bi-212	0.963	0.103	0.0708	2.15	0.00 - 0.50
6-00321	60508	Bi-214	1	0.0222	0.0496	1.59	0.00 - 0.50
6-00321	60508	Cd-113m	29.3 U	83.7	26.5	3030	0.00 - 0.50
6-00321	60508	Cm-243/244	0.0037	0.009	0.0027	0.0443	0.00 - 0.50
6-00321	60508	Co-60	0.0045 U	0.0142	0.0042	0.028	0.00 - 0.50
6-00321	60508	Cs-134	0.0003 U	0.0115	0.004	0.0864	0.00 - 0.50
6-00321	60508	Cs-137	0.0518	0.0129	0.0069	0.207	0.00 - 0.50
6-00321	60508	Eu-152	-0.0001 U	0.032	0.0097	0.0566	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00321	60508	Eu-154	0.0003 U	0.0753	0.0261	0.15	0.00 - 0.50
6-00321	60508	Eu-155	0.0906 JS	0.0372	0.018	0.231	0.00 - 0.50
6-00321	60508	Ho-166m	-0.0048 U	0.0198	0.006	0.0432	0.00 - 0.50
6-00321	60508	K-40	21.8	0.0978	1.16	32.4	0.00 - 0.50
6-00321	60508	Na-22	-0.0046 U	0.0162	0.0057	0.037	0.00 - 0.50
6-00321	60508	Nb-94	0.009 JS	0.0123	0.0041	0.0214	0.00 - 0.50
6-00321	60508	Np-236	-0.0105 U	0.0206	0.0066	0.047	0.00 - 0.50
6-00321	60508	Np-239	0.0237 U	0.0817	0.0254	0.139	0.00 - 0.50
6-00321	60508	Pa-231	-0.248 U	0.507	0.17	0.936	0.00 - 0.50
6-00321	60508	Pb-212	1.48	0.0213	0.0805	2.69	0.00 - 0.50
6-00321	60508	Pb-214	1.1	0.0226	0.0487	1.7	0.00 - 0.50
6-00321	60508	Pu-236	0 U	0.0165	0.0036	7.79	0.00 - 0.50
6-00321	60508	Pu-238	0.0034	0.0046	0.0024	0.0415	0.00 - 0.50
6-00321	60508	Pu-239/240	-0.0034 U	0.0203	0.0041	0.0404	0.00 - 0.50
6-00321	60508	Pu-244	0 U	0.0124	0.0024	0.0313	0.00 - 0.50
6-00321	60508	Sb-125	0.0061 U	0.0314	0.0093	0.354	0.00 - 0.50
6-00321	60508	Sn-126	0.0014 U	0.0131	0.0038	0.0237	0.00 - 0.50
6-00321	60508	Sr-90	-0.0272 U	0.086	0.0189	0.485	0.00 - 0.50
6-00321	60508	Th-228	1.45	0.147	0.142	3.98	0.00 - 0.50
6-00321	60508	Th-229	0.0364	0.0784	0.0243	0.145	0.00 - 0.50
6-00321	60508	Th-230	1	0.0535	0.105	2.2	0.00 - 0.50
6-00321	60508	Th-232	1.42	0.0673	0.133	3.1	0.00 - 0.50
6-00321	60508	Th-234	1.55	0.153	0.112	3.19	0.00 - 0.50
6-00321	60508	Tl-208	0.477	0.0128	0.0262	0.937	0.00 - 0.50
6-00321	60508	Tm-171	2.93 J	4.76	1.75	72.4	0.00 - 0.50
6-00321	60508	U-233/234	0.91	0.0483	0.0834	2.02	0.00 - 0.50
6-00321	60508	U-235/236	0.0301	0.035	0.0132	0.151	0.00 - 0.50
6-00321	60508	U-238	0.92	0.0328	0.0836	1.8	0.00 - 0.50
6-00321	60509	Ac-227	-0.0055 U	0.189	0.0582	0.217	1.00 - 3.00
6-00321	60509	Ac-228	1.16	0.0927	0.0588	2.4	1.00 - 3.00
6-00321	60509	Am-241	0.0031	0.0084	0.0031	0.0454	1.00 - 3.00
6-00321	60509	Bi-212	0.762	0.132	0.068	2.15	1.00 - 3.00
6-00321	60509	Bi-214	0.805	0.0288	0.0391	1.59	1.00 - 3.00
6-00321	60509	Cd-113m	-68.7 U	124	45.5	3030	1.00 - 3.00
6-00321	60509	Cm-243/244	0.0015 U	0.024	0.0052	0.0443	1.00 - 3.00
6-00321	60509	Co-60	-0.0008 U	0.0167	0.0049	0.028	1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00321	60509	Cs-134	-0.003 U	0.0143	0.0049	0.0864	1.00 - 3.00
6-00321	60509	Cs-137	0.023	0.0164	0.0065	0.207	1.00 - 3.00
6-00321	60509	Eu-152	-0.0038 U	0.0453	0.0177	0.0566	1.00 - 3.00
6-00321	60509	Eu-154	0.0192 U	0.0971	0.0291	0.15	1.00 - 3.00
6-00321	60509	Eu-155	0.0486 SJ	0.0735	0.0244	0.231	1.00 - 3.00
6-00321	60509	Ho-166m	0.004 U	0.0253	0.0074	0.0432	1.00 - 3.00
6-00321	60509	K-40	18.9	0.125	1.19	32.4	1.00 - 3.00
6-00321	60509	Na-22	-0.0001 U	0.0216	0.0063	0.037	1.00 - 3.00
6-00321	60509	Nb-94	0.003 U	0.0146	0.0043	0.0214	1.00 - 3.00
6-00321	60509	Np-236	-0.0214 U	0.0375	0.0124	0.047	1.00 - 3.00
6-00321	60509	Np-239	-0.0385 U	0.125	0.0397	0.139	1.00 - 3.00
6-00321	60509	Pa-231	0.102 U	0.804	0.249	0.936	1.00 - 3.00
6-00321	60509	Pb-212	1.27	0.0332	0.0851	2.69	1.00 - 3.00
6-00321	60509	Pb-214	0.895	0.0322	0.0476	1.7	1.00 - 3.00
6-00321	60509	Pu-236	-0.0033 U	0.0182	0.0033	7.79	1.00 - 3.00
6-00321	60509	Pu-238	-0.0016 U	0.0141	0.0027	0.0415	1.00 - 3.00
6-00321	60509	Pu-239/240	-0.0029 U	0.0257	0.0055	0.0404	1.00 - 3.00
6-00321	60509	Pu-244	0.0044	0.006	0.0031	0.0313	1.00 - 3.00
6-00321	60509	Sb-125	-0.0108 U	0.0426	0.0131	0.354	1.00 - 3.00
6-00321	60509	Sn-126	-0.0033 U	0.016	0.0048	0.0237	1.00 - 3.00
6-00321	60509	Sr-90	0.0179 U	0.229	0.0629	0.485	1.00 - 3.00
6-00321	60509	Th-228	1.28	0.125	0.128	3.98	1.00 - 3.00
6-00321	60509	Th-229	0.0139 U	0.0837	0.022	0.145	1.00 - 3.00
6-00321	60509	Th-230	0.813	0.0646	0.0907	2.2	1.00 - 3.00
6-00321	60509	Th-232	0.963	0.0188	0.1	3.1	1.00 - 3.00
6-00321	60509	Th-234	1.48 J	0.379	0.386	3.19	1.00 - 3.00
6-00321	60509	Tl-208	0.397	0.016	0.0233	0.937	1.00 - 3.00
6-00321	60509	Tm-171	-3.49 U	18.6	5.52	72.4	1.00 - 3.00
6-00321	60509	U-233/234	1.03	0.0416	0.113	2.02	1.00 - 3.00
6-00321	60509	U-235/236	0.0426	0.0514	0.0209	0.151	1.00 - 3.00
6-00321	60509	U-238	1.03	0.0655	0.114	1.8	1.00 - 3.00
6-00322	60510	Ac-227	0.0189 U	0.154	0.0454	0.217	0.00 - 0.50
6-00322	60510	Ac-228	1.39	0.0799	0.0642	2.4	0.00 - 0.50
6-00322	60510	Am-241	0.0015 U	0.0112	0.0027	0.0454	0.00 - 0.50
6-00322	60510	Bi-212	0.991	0.109	0.077	2.15	0.00 - 0.50
6-00322	60510	Bi-214	1.08	0.0242	0.0485	1.59	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00322	60510	Cd-113m	4.37 U	101	30	3030	0.00 - 0.50
6-00322	60510	Cm-243/244	0.0031	0.0042	0.0022	0.0443	0.00 - 0.50
6-00322	60510	Co-60	-0.0032 U	0.0144	0.0044	0.028	0.00 - 0.50
6-00322	60510	Cs-134	0.0023 U	0.0122	0.0042	0.0864	0.00 - 0.50
6-00322	60510	Cs-137	0.485	0.0144	0.0271	0.207	0.00 - 0.50
6-00322	60510	Eu-152	0.0096 U	0.0382	0.0141	0.0566	0.00 - 0.50
6-00322	60510	Eu-154	-0.0489 U	0.0799	0.0267	0.15	0.00 - 0.50
6-00322	60510	Eu-155	0.0964 JS	0.0516	0.021	0.231	0.00 - 0.50
6-00322	60510	Ho-166m	0.0039 U	0.0221	0.0066	0.0432	0.00 - 0.50
6-00322	60510	K-40	22.9	0.108	1.39	32.4	0.00 - 0.50
6-00322	60510	Na-22	0.0001 U	0.0182	0.0054	0.037	0.00 - 0.50
6-00322	60510	Nb-94	0.0029 U	0.0125	0.0038	0.0214	0.00 - 0.50
6-00322	60510	Np-236	-0.0123 U	0.0281	0.0091	0.047	0.00 - 0.50
6-00322	60510	Np-239	0.0139 U	0.1	0.0295	0.139	0.00 - 0.50
6-00322	60510	Pa-231	-0.298 U	0.625	0.201	0.936	0.00 - 0.50
6-00322	60510	Pb-212	1.58	0.0258	0.0931	2.69	0.00 - 0.50
6-00322	60510	Pb-214	1.22	0.0269	0.0568	1.7	0.00 - 0.50
6-00322	60510	Pu-236	0.0017 U	0.0183	0.0045	7.79	0.00 - 0.50
6-00322	60510	Pu-238	0 U	0.0119	0.0023	0.0415	0.00 - 0.50
6-00322	60510	Pu-239/240	0.0065 U	0.0211	0.006	0.0404	0.00 - 0.50
6-00322	60510	Pu-244	-0.0016 U	0.0119	0.0023	0.0313	0.00 - 0.50
6-00322	60510	Sb-125	-0.0006 U	0.0383	0.0117	0.354	0.00 - 0.50
6-00322	60510	Sn-126	0.0023 U	0.014	0.0042	0.0237	0.00 - 0.50
6-00322	60510	Sr-90	0.0708	0.0999	0.0327	0.485	0.00 - 0.50
6-00322	60510	Th-228	1.13	0.0753	0.118	3.98	0.00 - 0.50
6-00322	60510	Th-229	0.0075 U	0.0809	0.0199	0.145	0.00 - 0.50
6-00322	60510	Th-230	0.81	0.0203	0.0918	2.2	0.00 - 0.50
6-00322	60510	Th-232	0.927	0.0203	0.1	3.1	0.00 - 0.50
6-00322	60510	Th-234	1.8	0.228	0.157	3.19	0.00 - 0.50
6-00322	60510	Tl-208	0.494	0.014	0.0263	0.937	0.00 - 0.50
6-00322	60510	Tm-171	-2.61 UJ	11.6	3.88	72.4	0.00 - 0.50
6-00322	60510	U-233/234	0.904	0.0079	0.0809	2.02	0.00 - 0.50
6-00322	60510	U-235/236	0.0573	0.0333	0.0165	0.151	0.00 - 0.50
6-00322	60510	U-238	0.904	0.0269	0.0811	1.8	0.00 - 0.50
6-00322	60511	Ac-227	0.028 U	0.168	0.0501	0.217	1.00 - 3.50
6-00322	60511	Ac-228	1.16	0.0813	0.0557	2.4	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00322	60511	Am-241	0.0051	0.0143	0.0042	0.0454	1.00 - 3.50
6-00322	60511	Bi-212	0.814	0.112	0.0645	2.15	1.00 - 3.50
6-00322	60511	Bi-214	0.806	0.0255	0.0389	1.59	1.00 - 3.50
6-00322	60511	Cd-113m	-19.1 U	110	33.3	3030	1.00 - 3.50
6-00322	60511	Cm-243/244	-0.0032 U	0.0178	0.0032	0.0443	1.00 - 3.50
6-00322	60511	Co-60	-0.0038 U	0.0141	0.0044	0.028	1.00 - 3.50
6-00322	60511	Cs-134	0.0061 J	0.0124	0.0042	0.0864	1.00 - 3.50
6-00322	60511	Cs-137	0.0695	0.0158	0.0074	0.207	1.00 - 3.50
6-00322	60511	Eu-152	-0.0067 U	0.0387	0.0145	0.0566	1.00 - 3.50
6-00322	60511	Eu-154	-0.0597 UJ	0.0796	0.0285	0.15	1.00 - 3.50
6-00322	60511	Eu-155	0.0991 JS	0.0579	0.0239	0.231	1.00 - 3.50
6-00322	60511	Ho-166m	-0.0085 U	0.022	0.0069	0.0432	1.00 - 3.50
6-00322	60511	K-40	20.7	0.102	1.18	32.4	1.00 - 3.50
6-00322	60511	Na-22	0.001 U	0.0172	0.0051	0.037	1.00 - 3.50
6-00322	60511	Nb-94	0.0068 JS	0.0137	0.0042	0.0214	1.00 - 3.50
6-00322	60511	Np-236	-0.0179 U	0.0324	0.0108	0.047	1.00 - 3.50
6-00322	60511	Np-239	0.0564 U	0.115	0.0362	0.139	1.00 - 3.50
6-00322	60511	Pa-231	-0.316 U	0.688	0.222	0.936	1.00 - 3.50
6-00322	60511	Pb-212	1.29	0.0283	0.0813	2.69	1.00 - 3.50
6-00322	60511	Pb-214	0.939	0.0277	0.0473	1.7	1.00 - 3.50
6-00322	60511	Pu-236	-0.0113 U	0.0428	0.009	7.79	1.00 - 3.50
6-00322	60511	Pu-238	0.014 U	0.035	0.0105	0.0415	1.00 - 3.50
6-00322	60511	Pu-239/240	0.0008 U	0.018	0.0035	0.0404	1.00 - 3.50
6-00322	60511	Pu-244	0	0.0077	0.0028	0.0313	1.00 - 3.50
6-00322	60511	Sb-125	-0.0115 U	0.0368	0.0116	0.354	1.00 - 3.50
6-00322	60511	Sn-126	0.0017 U	0.0144	0.0042	0.0237	1.00 - 3.50
6-00322	60511	Sr-90	-0.0451 U	0.219	0.0517	0.485	1.00 - 3.50
6-00322	60511	Th-228	1.37	0.0679	0.129	3.98	1.00 - 3.50
6-00322	60511	Th-229	-0.0071 U	0.101	0.0237	0.145	1.00 - 3.50
6-00322	60511	Th-230	1.15	0.0767	0.114	2.2	1.00 - 3.50
6-00322	60511	Th-232	1.36	0.0192	0.127	3.1	1.00 - 3.50
6-00322	60511	Th-234	1.36 J	0.262	0.146	3.19	1.00 - 3.50
6-00322	60511	Tl-208	0.433	0.0137	0.0247	0.937	1.00 - 3.50
6-00322	60511	Tm-171	-8.74 UJ	10.3	4.22	72.4	1.00 - 3.50
6-00322	60511	U-233/234	0.815	0.0345	0.0895	2.02	1.00 - 3.50
6-00322	60511	U-235/236	0.0487	0.0426	0.0198	0.151	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00322	60511	U-238	0.806	0.0147	0.0886	1.8	1.00 - 3.50
6-00027	60538	Ac-227	0.0098 U	0.179	0.053	0.217	0.00 - 0.50
6-00027	60538	Ac-228	1.28	0.105	0.0606	2.4	0.00 - 0.50
6-00027	60538	Am-241	0.0027 U	0.0178	0.0047	0.0454	0.00 - 0.50
6-00027	60538	Bi-212	0.926	0.143	0.0864	2.15	0.00 - 0.50
6-00027	60538	Bi-214	0.972	0.0318	0.0477	1.59	0.00 - 0.50
6-00027	60538	Cd-113m	-32.4 U	120	36.7	3030	0.00 - 0.50
6-00027	60538	Cm-243/244	0.0014 U	0.0179	0.0045	0.0443	0.00 - 0.50
6-00027	60538	Co-60	-0.005 U	0.0177	0.0054	0.028	0.00 - 0.50
6-00027	60538	Cs-134	0.0029 U	0.0162	0.0054	0.0864	0.00 - 0.50
6-00027	60538	Cs-137	0.0113	0.0185	0.0066	0.207	0.00 - 0.50
6-00027	60538	Eu-152	-0.0107 U	0.0451	0.015	0.0566	0.00 - 0.50
6-00027	60538	Eu-154	-0.071 U	0.0999	0.0357	0.15	0.00 - 0.50
6-00027	60538	Eu-155	0.104 JS	0.0567	0.0245	0.231	0.00 - 0.50
6-00027	60538	Ho-166m	-0.0001 U	0.0286	0.0085	0.0432	0.00 - 0.50
6-00027	60538	K-40	21.2	0.141	1.2	32.4	0.00 - 0.50
6-00027	60538	Na-22	-0.0049 U	0.0228	0.0069	0.037	0.00 - 0.50
6-00027	60538	Nb-94	0.003 U	0.0164	0.0048	0.0214	0.00 - 0.50
6-00027	60538	Np-236	0.0048 U	0.0319	0.0098	0.047	0.00 - 0.50
6-00027	60538	Np-239	0.0116 U	0.117	0.0346	0.139	0.00 - 0.50
6-00027	60538	Pa-231	-0.0046 U	0.735	0.249	0.936	0.00 - 0.50
6-00027	60538	Pb-212	1.51	0.0309	0.0875	2.69	0.00 - 0.50
6-00027	60538	Pb-214	1.06	0.031	0.0496	1.7	0.00 - 0.50
6-00027	60538	Pu-236	0.0075 U	0.0435	0.012	7.79	0.00 - 0.50
6-00027	60538	Pu-238	-0.0047 U	0.0427	0.0105	0.0415	0.00 - 0.50
6-00027	60538	Pu-239/240	0 U	0.0253	0.0058	0.0404	0.00 - 0.50
6-00027	60538	Pu-244	0.0024	0.0064	0.0024	0.0313	0.00 - 0.50
6-00027	60538	Sb-125	0.0098 U	0.0448	0.0137	0.354	0.00 - 0.50
6-00027	60538	Sn-126	-0.0021 U	0.0177	0.0053	0.0237	0.00 - 0.50
6-00027	60538	Sr-90	0.0832	0.11	0.0366	0.485	0.00 - 0.50
6-00027	60538	Th-228	1.42	0.134	0.149	3.98	0.00 - 0.50
6-00027	60538	Th-229	0.0088 U	0.139	0.0361	0.145	0.00 - 0.50
6-00027	60538	Th-230	0.76	0.105	0.0971	2.2	0.00 - 0.50
6-00027	60538	Th-232	1.14	0.0236	0.122	3.1	0.00 - 0.50
6-00027	60538	Th-234	1.65 J	0.242	0.15	3.19	0.00 - 0.50
6-00027	60538	Tl-208	0.478	0.0174	0.0286	0.937	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00027	60538	Tm-171	-8.65 UJ	10.7	4.19	72.4	0.00 - 0.50
6-00027	60538	U-233/234	0.851	0.0562	0.0899	2.02	0.00 - 0.50
6-00027	60538	U-235/236	0.0228	0.0538	0.0164	0.151	0.00 - 0.50
6-00027	60538	U-238	0.832	0.0435	0.0879	1.8	0.00 - 0.50
6-00214	60539	Ac-227	-0.0341 U	0.164	0.0496	0.217	0.00 - 0.50
6-00214	60539	Ac-228	1.01	0.103	0.0492	2.4	0.00 - 0.50
6-00214	60539	Am-241	0.0033 U	0.0152	0.004	0.0454	0.00 - 0.50
6-00214	60539	Bi-212	0.624 J	0.129	0.0678	2.15	0.00 - 0.50
6-00214	60539	Bi-214	0.765	0.0289	0.0387	1.59	0.00 - 0.50
6-00214	60539	Cd-113m	-48 U	108	34.3	3030	0.00 - 0.50
6-00214	60539	Cm-243/244	0.0099 U	0.0274	0.0081	0.0443	0.00 - 0.50
6-00214	60539	Co-60	0.0008 U	0.0181	0.0053	0.028	0.00 - 0.50
6-00214	60539	Cs-134	-0.0027 U	0.0143	0.0049	0.0864	0.00 - 0.50
6-00214	60539	Cs-137	0.181	0.0175	0.0135	0.207	0.00 - 0.50
6-00214	60539	Eu-152	0.0234 J	0.0425	0.0152	0.0566	0.00 - 0.50
6-00214	60539	Eu-154	-0.0189 U	0.102	0.0314	0.15	0.00 - 0.50
6-00214	60539	Eu-155	0.063 JS	0.0518	0.0197	0.231	0.00 - 0.50
6-00214	60539	Ho-166m	-0.0151 U	0.0243	0.0082	0.0432	0.00 - 0.50
6-00214	60539	K-40	21.8	0.114	1.23	32.4	0.00 - 0.50
6-00214	60539	Na-22	-0.0109 U	0.0212	0.0069	0.037	0.00 - 0.50
6-00214	60539	Nb-94	0.0081 JS	0.0152	0.0048	0.0214	0.00 - 0.50
6-00214	60539	Np-236	0.0094 U	0.0289	0.0091	0.047	0.00 - 0.50
6-00214	60539	Np-239	-0.0286 U	0.107	0.0323	0.139	0.00 - 0.50
6-00214	60539	Pa-231	-0.34 U	0.68	0.236	0.936	0.00 - 0.50
6-00214	60539	Pb-212	1.11	0.0288	0.0651	2.69	0.00 - 0.50
6-00214	60539	Pb-214	0.825	0.0292	0.0404	1.7	0.00 - 0.50
6-00214	60539	Pu-236	-0.0037 U	0.016	0.0032	7.79	0.00 - 0.50
6-00214	60539	Pu-238	0.0035 U	0.0152	0.0042	0.0415	0.00 - 0.50
6-00214	60539	Pu-239/240	0.0104	0.0085	0.0039	0.0404	0.00 - 0.50
6-00214	60539	Pu-244	0.0058	0.0031	0.0026	0.0313	0.00 - 0.50
6-00214	60539	Sb-125	0.0073 U	0.0421	0.0128	0.354	0.00 - 0.50
6-00214	60539	Sn-126	-0.0018 U	0.0165	0.0049	0.0237	0.00 - 0.50
6-00214	60539	Sr-90	-0.0017 U	0.0702	0.0182	0.485	0.00 - 0.50
6-00214	60539	Th-228	0.906	0.0504	0.0949	3.98	0.00 - 0.50
6-00214	60539	Th-229	0.0064 U	0.0691	0.017	0.145	0.00 - 0.50
6-00214	60539	Th-230	0.794	0.0595	0.0856	2.2	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00214	60539	Th-232	0.888	0.0173	0.0909	3.1	0.00 - 0.50
6-00214	60539	Th-234	1.32	0.215	0.129	3.19	0.00 - 0.50
6-00214	60539	Tl-208	0.363	0.0161	0.0223	0.937	0.00 - 0.50
6-00214	60539	Tm-171	-6.23 U	9.49	3.56	72.4	0.00 - 0.50
6-00214	60539	U-233/234	0.731	0.0434	0.0899	2.02	0.00 - 0.50
6-00214	60539	U-235/236	0.0506	0.0228	0.021	0.151	0.00 - 0.50
6-00214	60539	U-238	0.854	0.0434	0.1	1.8	0.00 - 0.50
6-00306	60540	Ac-227	-0.147 U	0.418	0.135	0.217	0.50 - 1.00
6-00306	60540	Ac-228	1.23	0.065	0.059	2.4	0.50 - 1.00
6-00306	60540	Am-241	-0.0033 U	0.0222	0.0044	0.0454	0.50 - 1.00
6-00306	60540	Bi-212	0.874	0.0952	0.0654	2.15	0.50 - 1.00
6-00306	60540	Bi-214	0.937	0.0547	0.0429	1.59	0.50 - 1.00
6-00306	60540	Cd-113m	-2.72 U	286	88.8	3030	0.50 - 1.00
6-00306	60540	Cm-243/244	0.0047	0.0131	0.0039	0.0443	0.50 - 1.00
6-00306	60540	Co-60	-0.0016 U	0.0114	0.0035	0.028	0.50 - 1.00
6-00306	60540	Cs-134	-0.0147 U	0.0278	0.0104	0.0864	0.50 - 1.00
6-00306	60540	Cs-137	74.9	0.0275	3.91	0.207	0.50 - 1.00
6-00306	60540	Eu-152	-0.0137 U	0.115	0.034	0.0566	0.50 - 1.00
6-00306	60540	Eu-154	-0.0509 LU	0.0632	0.0229	0.15	0.50 - 1.00
6-00306	60540	Eu-155	0.0822 SJ	0.116	0.0394	0.231	0.50 - 1.00
6-00306	60540	Ho-166m	-0.0128 UJ	0.0181	0.0065	0.0432	0.50 - 1.00
6-00306	60540	K-40	21.9	0.0778	1.23	32.4	0.50 - 1.00
6-00306	60540	Na-22	-0.0113 LU	0.0133	0.0056	0.037	0.50 - 1.00
6-00306	60540	Nb-94	0.0074 SJ	0.0111	0.0037	0.0214	0.50 - 1.00
6-00306	60540	Np-236	0.0054 U	0.0633	0.0188	0.047	0.50 - 1.00
6-00306	60540	Np-239	-0.0505 U	0.268	0.0836	0.139	0.50 - 1.00
6-00306	60540	Pa-231	0.444 U	1.79	0.568	0.936	0.50 - 1.00
6-00306	60540	Pb-212	1.46	0.0714	0.089	2.69	0.50 - 1.00
6-00306	60540	Pb-214	1.02	0.0839	0.0552	1.7	0.50 - 1.00
6-00306	60540	Pu-236	0.0172	0.0353	0.011	7.79	0.50 - 1.00
6-00306	60540	Pu-238	0.006 UJ	0.0425	0.0114	0.0415	0.50 - 1.00
6-00306	60540	Pu-239/240	0.0122	0.0182	0.0068	0.0404	0.50 - 1.00
6-00306	60540	Pu-244	0.0057	0.0078	0.0041	0.0313	0.50 - 1.00
6-00306	60540	Sb-125	0.0296 U	0.135	0.0408	0.354	0.50 - 1.00
6-00306	60540	Sn-126	0.0044 U	0.0125	0.0039	0.0237	0.50 - 1.00
6-00306	60540	Sr-90	0.882	0.607	0.23	0.485	0.50 - 1.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00306	60540	Th-228	1.26	0.0964	0.127	3.98	0.50 - 1.00
6-00306	60540	Th-229	-0.0075 U	0.0896	0.0197	0.145	0.50 - 1.00
6-00306	60540	Th-230	0.938	0.0548	0.101	2.2	0.50 - 1.00
6-00306	60540	Th-232	1.28	0.0546	0.124	3.1	0.50 - 1.00
6-00306	60540	Th-234	1.56 J	0.477	0.202	3.19	0.50 - 1.00
6-00306	60540	Tl-208	0.427	0.0325	0.0257	0.937	0.50 - 1.00
6-00306	60540	Tm-171	-3.94 U	20.1	7.08	72.4	0.50 - 1.00
6-00306	60540	U-233/234	1.38	0.048	0.122	2.02	0.50 - 1.00
6-00306	60540	U-235/236	0.0679	0.0333	0.0193	0.151	0.50 - 1.00
6-00306	60540	U-238	1.24	0.0394	0.111	1.8	0.50 - 1.00
6-00217	60541	Ac-227	-0.0901 U	0.233	0.0729	0.217	0.00 - 0.50
6-00217	60541	Ac-228	1.19	0.141	0.0625	2.4	0.00 - 0.50
6-00217	60541	Am-241	0.004 UJ	0.02	0.005	0.0454	0.00 - 0.50
6-00217	60541	Bi-212	0.854 J	0.193	0.123	2.15	0.00 - 0.50
6-00217	60541	Bi-214	0.842	0.0433	0.0459	1.59	0.00 - 0.50
6-00217	60541	Cd-113m	-5.9 U	159	48.6	3030	0.00 - 0.50
6-00217	60541	Cm-243/244	-0.0069 UJ	0.0287	0.0051	0.0443	0.00 - 0.50
6-00217	60541	Co-60	-0.0053 U	0.0272	0.0081	0.028	0.00 - 0.50
6-00217	60541	Cs-134	0.0109 JS	0.0222	0.0075	0.0864	0.00 - 0.50
6-00217	60541	Cs-137	0.0027 U	0.0253	0.0073	0.207	0.00 - 0.50
6-00217	60541	Eu-152	-0.0054 U	0.0609	0.0197	0.0566	0.00 - 0.50
6-00217	60541	Eu-154	-0.0208 U	0.145	0.044	0.15	0.00 - 0.50
6-00217	60541	Eu-155	0.0813 JS	0.077	0.0252	0.231	0.00 - 0.50
6-00217	60541	Ho-166m	0.004 U	0.0373	0.0108	0.0432	0.00 - 0.50
6-00217	60541	K-40	19.4	0.169	1.12	32.4	0.00 - 0.50
6-00217	60541	Na-22	0.0039 U	0.031	0.0089	0.037	0.00 - 0.50
6-00217	60541	Nb-94	0.0051 U	0.0222	0.0065	0.0214	0.00 - 0.50
6-00217	60541	Np-236	0.0152 U	0.0423	0.0132	0.047	0.00 - 0.50
6-00217	60541	Np-239	-0.0277 U	0.155	0.0462	0.139	0.00 - 0.50
6-00217	60541	Pa-231	-0.423 U	0.95	0.342	0.936	0.00 - 0.50
6-00217	60541	Pb-212	1.37	0.0415	0.082	2.69	0.00 - 0.50
6-00217	60541	Pb-214	0.9	0.0448	0.0469	1.7	0.00 - 0.50
6-00217	60541	Pu-236	-0.0076 U	0.042	0.009	7.79	0.00 - 0.50
6-00217	60541	Pu-238	0.0073 U	0.0396	0.0107	0.0415	0.00 - 0.50
6-00217	60541	Pu-239/240	0.0082 U	0.0261	0.0074	0.0404	0.00 - 0.50
6-00217	60541	Pu-244	-0.0021 U	0.0184	0.0036	0.0313	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00217	60541	Sb-125	0.0076 U	0.062	0.0185	0.354	0.00 - 0.50
6-00217	60541	Sn-126	-0.0061 U	0.0238	0.0072	0.0237	0.00 - 0.50
6-00217	60541	Sr-90	0.0542 U	0.324	0.094	0.485	0.00 - 0.50
6-00217	60541	Th-228	1.56	0.0859	0.146	3.98	0.00 - 0.50
6-00217	60541	Th-229	0.0219 U	0.0788	0.022	0.145	0.00 - 0.50
6-00217	60541	Th-230	0.993	0.0198	0.103	2.2	0.00 - 0.50
6-00217	60541	Th-232	1.34	0.0676	0.127	3.1	0.00 - 0.50
6-00217	60541	Th-234	1.58 J	0.317	0.174	3.19	0.00 - 0.50
6-00217	60541	Tl-208	0.413	0.0259	0.0277	0.937	0.00 - 0.50
6-00217	60541	Tm-171	-3.09 U	14.3	4.88	72.4	0.00 - 0.50
6-00217	60541	U-233/234	0.78	0.0487	0.091	2.02	0.00 - 0.50
6-00217	60541	U-235/236	0.0305	0.0207	0.0154	0.151	0.00 - 0.50
6-00217	60541	U-238	0.797	0.0167	0.0919	1.8	0.00 - 0.50
6-00045	60542	Ac-227	-0.172 U	0.262	0.0896	0.217	0.00 - 0.50
6-00045	60542	Ac-228	1.75	0.124	0.0874	2.4	0.00 - 0.50
6-00045	60542	Am-241	0.0044 U	0.0207	0.0055	0.0454	0.00 - 0.50
6-00045	60542	Bi-212	1.1	0.179	0.101	2.15	0.00 - 0.50
6-00045	60542	Bi-214	1.49	0.0422	0.0703	1.59	0.00 - 0.50
6-00045	60542	C-14	0.0266 U	0.68	0.203	2.96	0.00 - 0.50
6-00045	60542	Cd-113m	-5.58 U	178	53.2	3030	0.00 - 0.50
6-00045	60542	Cm-243/244	0.0097 U	0.0241	0.0072	0.0443	0.00 - 0.50
6-00045	60542	Co-60	-0.0109 U	0.022	0.0072	0.028	0.00 - 0.50
6-00045	60542	Cs-134	0.0141 JS	0.022	0.0079	0.0864	0.00 - 0.50
6-00045	60542	Cs-137	0.389	0.0226	0.024	0.207	0.00 - 0.50
6-00045	60542	Eu-152	0.0113 U	0.0654	0.0267	0.0566	0.00 - 0.50
6-00045	60542	Eu-154	0.0111 U	0.129	0.043	0.15	0.00 - 0.50
6-00045	60542	Eu-155	0.0749 JS	0.0935	0.0382	0.231	0.00 - 0.50
6-00045	60542	H-3	3.35 U	8.19	2.46	11.9	0.00 - 0.50
6-00045	60542	Ho-166m	-0.0108 U	0.0357	0.0111	0.0432	0.00 - 0.50
6-00045	60542	K-40	18.7	0.183	1.17	32.4	0.00 - 0.50
6-00045	60542	Na-22	-0.0065 U	0.0269	0.0082	0.037	0.00 - 0.50
6-00045	60542	Nb-94	-0.0003 U	0.0213	0.0064	0.0214	0.00 - 0.50
6-00045	60542	Ni-59	0.479 U	7.07	1.79	5.96	0.00 - 0.50
6-00045	60542	Ni-63	-0.696 U	1.67	0.485	4.92	0.00 - 0.50
6-00045	60542	Np-236	-0.0299 U	0.0499	0.0172	0.047	0.00 - 0.50
6-00045	60542	Np-239	0.0248 U	0.18	0.0534	0.139	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00045	60542	Pa-231	-0.403 U	1.1	0.374	0.936	0.00 - 0.50
6-00045	60542	Pb-212	1.99	0.0452	0.128	2.69	0.00 - 0.50
6-00045	60542	Pb-214	1.68	0.0479	0.0812	1.7	0.00 - 0.50
6-00045	60542	Pu-236	-0.0125 UJ	0.0439	0.0076	7.79	0.00 - 0.50
6-00045	60542	Pu-238	0.0072 UJ	0.0457	0.012	0.0415	0.00 - 0.50
6-00045	60542	Pu-239/240	0.0105 UJ	0.0334	0.0095	0.0404	0.00 - 0.50
6-00045	60542	Pu-244	0	0.01	0.0037	0.0313	0.00 - 0.50
6-00045	60542	Sb-125	-0.0005 U	0.0623	0.019	0.354	0.00 - 0.50
6-00045	60542	Sn-126	-0.0131 U	0.0219	0.0074	0.0237	0.00 - 0.50
6-00045	60542	Sr-90	0.289	0.209	0.0804	0.485	0.00 - 0.50
6-00045	60542	Tc-99	-0.433 U	1.85	0.54	1.63	0.00 - 0.50
6-00045	60542	Th-228	1.93	0.097	0.163	3.98	0.00 - 0.50
6-00045	60542	Th-229	0.0467	0.0718	0.0242	0.145	0.00 - 0.50
6-00045	60542	Th-230	1.24	0.049	0.116	2.2	0.00 - 0.50
6-00045	60542	Th-232	1.56	0.018	0.136	3.1	0.00 - 0.50
6-00045	60542	Th-234	2.45 J	0.439	0.276	3.19	0.00 - 0.50
6-00045	60542	Tl-208	0.582	0.0231	0.0339	0.937	0.00 - 0.50
6-00045	60542	Tm-171	-8.56 U	21.6	7.64	72.4	0.00 - 0.50
6-00045	60542	U-233/234	2.48 J	0.0249	0.247	2.02	0.00 - 0.50
6-00045	60542	U-235/236	0.0794	0.0307	0.0307	0.151	0.00 - 0.50
6-00045	60542	U-238	2.34 J	0.0585	0.236	1.8	0.00 - 0.50
6-00283	60544	Ac-227	-0.0907 U	0.181	0.0576	0.217	14.00 - 15.00
6-00283	60544	Ac-228	1.35	0.0879	0.0636	2.4	14.00 - 15.00
6-00283	60544	Am-241	0.0045	0.0061	0.0032	0.0454	14.00 - 15.00
6-00283	60544	Bi-212	0.832	0.117	0.0748	2.15	14.00 - 15.00
6-00283	60544	Bi-214	1.14	0.026	0.0518	1.59	14.00 - 15.00
6-00283	60544	C-14	-0.117 U	0.7	0.207	2.96	14.00 - 15.00
6-00283	60544	Cd-113m	20.4 U	120	36.2	3030	14.00 - 15.00
6-00283	60544	Cm-243/244	0.0058 U	0.0178	0.0051	0.0443	14.00 - 15.00
6-00283	60544	Co-60	-0.0008 U	0.0157	0.0047	0.028	14.00 - 15.00
6-00283	60544	Cs-134	-0.004 U	0.0128	0.0046	0.0864	14.00 - 15.00
6-00283	60544	Cs-137	-0.002 U	0.0156	0.0055	0.207	14.00 - 15.00
6-00283	60544	Eu-152	-0.0185 U	0.0425	0.0139	0.0566	14.00 - 15.00
6-00283	60544	Eu-154	-0.0503 U	0.0839	0.0282	0.15	14.00 - 15.00
6-00283	60544	Eu-155	0.0729 JS	0.062	0.027	0.231	14.00 - 15.00
6-00283	60544	H-3	1.45 U	9.66	2.88	11.9	14.00 - 15.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00283	60544	Ho-166m	0.0023 U	0.0238	0.0072	0.0432	14.00 - 15.00
6-00283	60544	K-40	20	0.118	1.13	32.4	14.00 - 15.00
6-00283	60544	Na-22	-0.001 U	0.0182	0.0054	0.037	14.00 - 15.00
6-00283	60544	Nb-94	0.0069 U	0.0146	0.0046	0.0214	14.00 - 15.00
6-00283	60544	Ni-59	-1.01 UJ	4.29	1.28	5.96	14.00 - 15.00
6-00283	60544	Ni-63	-0.187 U	1.06	0.316	4.92	14.00 - 15.00
6-00283	60544	Np-236	-0.0292 UJ	0.0335	0.0125	0.047	14.00 - 15.00
6-00283	60544	Np-239	-0.0595 U	0.119	0.0402	0.139	14.00 - 15.00
6-00283	60544	Pa-231	-0.29 U	0.721	0.224	0.936	14.00 - 15.00
6-00283	60544	Pb-212	1.53	0.0299	0.0899	2.69	14.00 - 15.00
6-00283	60544	Pb-214	1.26	0.0306	0.0585	1.7	14.00 - 15.00
6-00283	60544	Pu-238	-0.0028 U	0.0153	0.0028	0.0415	14.00 - 15.00
6-00283	60544	Pu-239/240	0.003 U	0.0153	0.0039	0.0404	14.00 - 15.00
6-00283	60544	Pu-244	0.0039	0.0052	0.0027	0.0313	14.00 - 15.00
6-00283	60544	Sb-125	0.0068 U	0.0409	0.0121	0.354	14.00 - 15.00
6-00283	60544	Sn-126	-0.0008 U	0.0157	0.0048	0.0237	14.00 - 15.00
6-00283	60544	Sr-90	0.002 U	0.185	0.0513	0.485	14.00 - 15.00
6-00283	60544	Tc-99	-0.191 U	1.08	0.312	1.63	14.00 - 15.00
6-00283	60544	Th-228	1.03	0.104	0.112	3.98	14.00 - 15.00
6-00283	60544	Th-229	0.047	0.0941	0.0294	0.145	14.00 - 15.00
6-00283	60544	Th-230	0.899	0.0575	0.1	2.2	14.00 - 15.00
6-00283	60544	Th-232	1.02	0.0211	0.108	3.1	14.00 - 15.00
6-00283	60544	Th-234	1.68	0.268	0.158	3.19	14.00 - 15.00
6-00283	60544	Tl-208	0.458	0.0149	0.0259	0.937	14.00 - 15.00
6-00283	60544	Tm-171	-4.58 U	11.4	3.99	72.4	14.00 - 15.00
6-00283	60544	U-233/234	0.887	0.0311	0.0922	2.02	14.00 - 15.00
6-00283	60544	U-235/236	0.0396	0.0476	0.0184	0.151	14.00 - 15.00
6-00283	60544	U-238	1.01	0.0442	0.102	1.8	14.00 - 15.00
6-00284	60545	Ac-227	-0.0723 U	0.232	0.0713	0.217	15.50 - 16.50
6-00284	60545	Ac-228	1.12	0.14	0.0604	2.4	15.50 - 16.50
6-00284	60545	Am-241	0.0032 U	0.0161	0.0041	0.0454	15.50 - 16.50
6-00284	60545	Bi-212	0.997 J	0.272	0.263	2.15	15.50 - 16.50
6-00284	60545	Bi-214	0.933	0.0394	0.0506	1.59	15.50 - 16.50
6-00284	60545	C-14	0.0274 U	0.743	0.222	2.96	15.50 - 16.50
6-00284	60545	Cd-113m	11.4 U	155	45.6	3030	15.50 - 16.50
6-00284	60545	Cm-243/244	0.0082	0.0055	0.0041	0.0443	15.50 - 16.50

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00284	60545	Co-60	-0.0094 U	0.0247	0.0077	0.028	15.50 - 16.50
6-00284	60545	Cs-134	0.001 U	0.0207	0.0069	0.0864	15.50 - 16.50
6-00284	60545	Cs-137	0.0067 U	0.0237	0.0079	0.207	15.50 - 16.50
6-00284	60545	Eu-152	-0.013 U	0.0587	0.0204	0.0566	15.50 - 16.50
6-00284	60545	Eu-154	-0.0445 U	0.137	0.0435	0.15	15.50 - 16.50
6-00284	60545	Eu-155	0.0891 JS	0.078	0.0313	0.231	15.50 - 16.50
6-00284	60545	H-3	-2.16 U	9.52	2.79	11.9	15.50 - 16.50
6-00284	60545	Ho-166m	-0.0197 U	0.0356	0.0118	0.0432	15.50 - 16.50
6-00284	60545	K-40	20.5	0.196	1.18	32.4	15.50 - 16.50
6-00284	60545	Na-22	-0.007 U	0.028	0.0091	0.037	15.50 - 16.50
6-00284	60545	Nb-94	-0.0054 U	0.0207	0.0063	0.0214	15.50 - 16.50
6-00284	60545	Ni-59	-0.514 UJ	4.33	1.24	5.96	15.50 - 16.50
6-00284	60545	Ni-63	0.189 U	0.999	0.301	4.92	15.50 - 16.50
6-00284	60545	Np-236	-0.0119 U	0.0411	0.013	0.047	15.50 - 16.50
6-00284	60545	Np-239	0.0645 U	0.155	0.0473	0.139	15.50 - 16.50
6-00284	60545	Pa-231	-0.134 U	0.975	0.315	0.936	15.50 - 16.50
6-00284	60545	Pb-212	1.24	0.039	0.0741	2.69	15.50 - 16.50
6-00284	60545	Pb-214	1.07	0.0417	0.0533	1.7	15.50 - 16.50
6-00284	60545	Pu-238	0.0041	0.0055	0.0029	0.0415	15.50 - 16.50
6-00284	60545	Pu-239/240	0.0101	0.0055	0.0046	0.0404	15.50 - 16.50
6-00284	60545	Pu-244	0.0061	0.0055	0.0035	0.0313	15.50 - 16.50
6-00284	60545	Sb-125	0.0112 U	0.0587	0.0177	0.354	15.50 - 16.50
6-00284	60545	Sn-126	0.0022 U	0.0239	0.0069	0.0237	15.50 - 16.50
6-00284	60545	Sr-90	-0.031 U	0.187	0.05	0.485	15.50 - 16.50
6-00284	60545	Tc-99	-0.0719 U	1.17	0.34	1.63	15.50 - 16.50
6-00284	60545	Th-228	0.98	0.151	0.114	3.98	15.50 - 16.50
6-00284	60545	Th-229	0.0316 U	0.0851	0.0251	0.145	15.50 - 16.50
6-00284	60545	Th-230	0.717	0.0947	0.0898	2.2	15.50 - 16.50
6-00284	60545	Th-232	1.23	0.0579	0.124	3.1	15.50 - 16.50
6-00284	60545	Th-234	1.55 J	0.383	0.4	3.19	15.50 - 16.50
6-00284	60545	Tl-208	0.405	0.0217	0.0266	0.937	15.50 - 16.50
6-00284	60545	Tm-171	-5.82 U	13.7	4.38	72.4	15.50 - 16.50
6-00284	60545	U-233/234	0.851	0.0141	0.0909	2.02	15.50 - 16.50
6-00284	60545	U-235/236	0.0645	0.0175	0.0209	0.151	15.50 - 16.50
6-00284	60545	U-238	0.962	0.0411	0.0999	1.8	15.50 - 16.50
6-00285	60546	Ac-227	-0.0492 U	0.175	0.0535	0.217	6.00 - 7.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00285	60546	Ac-228	1.09	0.0914	0.0552	2.4	6.00 - 7.00
6-00285	60546	Am-241	0.0036 U	0.0183	0.0047	0.0454	6.00 - 7.00
6-00285	60546	Bi-212	0.624 J	0.136	0.0751	2.15	6.00 - 7.00
6-00285	60546	Bi-214	0.704	0.0284	0.0368	1.59	6.00 - 7.00
6-00285	60546	C-14	0.222 U	0.744	0.224	2.96	6.00 - 7.00
6-00285	60546	Cd-113m	50.7 U	121	38.3	3030	6.00 - 7.00
6-00285	60546	Cm-243/244	0.0036 U	0.0183	0.0047	0.0443	6.00 - 7.00
6-00285	60546	Co-60	0.0038 U	0.0184	0.0054	0.028	6.00 - 7.00
6-00285	60546	Cs-134	0.0009 U	0.0142	0.0048	0.0864	6.00 - 7.00
6-00285	60546	Cs-137	-0.0001 U	0.0167	0.0057	0.207	6.00 - 7.00
6-00285	60546	Eu-152	-0.0228 U	0.0421	0.0169	0.0566	6.00 - 7.00
6-00285	60546	Eu-154	-0.0069 U	0.101	0.0293	0.15	6.00 - 7.00
6-00285	60546	Eu-155	0.0356 JS	0.0645	0.0211	0.231	6.00 - 7.00
6-00285	60546	H-3	0.926 U	9.24	2.75	11.9	6.00 - 7.00
6-00285	60546	Ho-166m	-0.0052 U	0.0256	0.0078	0.0432	6.00 - 7.00
6-00285	60546	K-40	21	0.136	1.28	32.4	6.00 - 7.00
6-00285	60546	Na-22	-0.0067 U	0.0222	0.0069	0.037	6.00 - 7.00
6-00285	60546	Nb-94	0.0024 U	0.0148	0.0044	0.0214	6.00 - 7.00
6-00285	60546	Ni-59	-0.634 UJ	4.31	1.25	5.96	6.00 - 7.00
6-00285	60546	Ni-63	0.017 U	1.52	0.452	4.92	6.00 - 7.00
6-00285	60546	Np-236	0.0033 U	0.0348	0.0106	0.047	6.00 - 7.00
6-00285	60546	Np-239	0.0285 U	0.119	0.0354	0.139	6.00 - 7.00
6-00285	60546	Pa-231	-0.247 U	0.733	0.245	0.936	6.00 - 7.00
6-00285	60546	Pb-212	1.17	0.0309	0.0796	2.69	6.00 - 7.00
6-00285	60546	Pb-214	0.685	0.0309	0.0397	1.7	6.00 - 7.00
6-00285	60546	Pu-238	0.0006 U	0.0126	0.0024	0.0415	6.00 - 7.00
6-00285	60546	Pu-239/240	0.0006 U	0.0125	0.0024	0.0404	6.00 - 7.00
6-00285	60546	Pu-244	0.002	0.0053	0.002	0.0313	6.00 - 7.00
6-00285	60546	Sb-125	-0.0262 U	0.0401	0.014	0.354	6.00 - 7.00
6-00285	60546	Sn-126	-0.0034 U	0.0161	0.0049	0.0237	6.00 - 7.00
6-00285	60546	Sr-90	0.0879 U	0.22	0.0666	0.485	6.00 - 7.00
6-00285	60546	Tc-99	-0.723 U	1.31	0.369	1.63	6.00 - 7.00
6-00285	60546	Th-228	0.897	0.158	0.114	3.98	6.00 - 7.00
6-00285	60546	Th-229	0.0449	0.0833	0.0271	0.145	6.00 - 7.00
6-00285	60546	Th-230	0.573	0.0964	0.0831	2.2	6.00 - 7.00
6-00285	60546	Th-232	0.758	0.0657	0.096	3.1	6.00 - 7.00

Table A.2
Analytical Results Summary
Subarea 6, Round 1

Sample Location	Sample ID	Analtye Name	Activity	MDC	TPU	RTL	Sample Depth (feet bgs)
6-00285	60546	Th-234	1.21 J	0.282	0.145	3.19	6.00 - 7.00
6-00285	60546	Tl-208	0.339	0.0164	0.021	0.937	6.00 - 7.00
6-00285	60546	Tm-171	-4.4 U	14.2	4.86	72.4	6.00 - 7.00
6-00285	60546	U-233/234	0.494	0.0468	0.0661	2.02	6.00 - 7.00
6-00285	60546	U-235/236	0.0429	0.0665	0.0229	0.151	6.00 - 7.00
6-00285	60546	U-238	0.507	0.0378	0.0668	1.8	6.00 - 7.00

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

ID - identification

MDC - minimum detectable concentration

RTL - Radiological Trigger Level

TPU - total propagated uncertainty

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

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

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

Z - The initial laboratory result was reported above its respective RTL (or Lookup Table value). The gamma spectrometry data has been inspected to determine whether the exceeding analyte is present at a quantity greater than the RTL. In the analyst's judgment, the result is unsupported by the analytical data and is therefore not considered an RTL exceedance.

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00016	60022	Ac-227	0.0211 U	0.0435	0.143	60528	Ac-227	-0.0371 U	0.0774	0.261
6-00016	60022	Ac-228	1.17	0.0552	0.0725	60528	Ac-228	1.28	0.0684	0.167
6-00016	60022	Ag-108m	0.003 R	0.0039	0.0115	60528	Ag-108m	0.0139 R	0.0083	0.0246
6-00016	60022	Am-241	0.0063 U	0.0079	0.0299	60528	Am-241	-0.0044 UJ	0.0059	0.0302
6-00016	60022	Ba-133	0.0048 R	0.0054	0.0153	60528	Ba-133	0 R	0.0095	0.0282
6-00016	60022	Bi-212	0.877	0.0715	0.102	60528	Bi-212	0.924 J	0.126	0.22
6-00016	60022	Bi-214	0.809	0.0381	0.0227	60528	Bi-214	0.859	0.0492	0.0479
6-00016	60022	Cd-113m	49.5 J	33.4	96.8	60528	Cd-113m	-3.52 U	53.7	177
6-00016	60022	Cf-249	-0.0271 R	0.0327	0.0637	60528	Cf-249	0.123 R	0.0594	0.123
6-00016	60022	Cm-243/244	0.0004 U	0.0068	0.0302	60528	Cm-243/244	0.0036 UJ	0.0044	0.0178
6-00016	60022	Co-60	-0.0046 U	0.0041	0.0131	60528	Co-60	-0.0008 U	0.0083	0.0291
6-00016	60022	Cs-134	-0.0028 U	0.0039	0.0112	60528	Cs-134	-0.0028 U	0.008	0.0238
6-00016	60022	Cs-137	-0.0061 U	0.0042	0.013	60528	Cs-137	-0.0223 UJ	0.0097	0.0261
6-00016	60022	Eu-152	0.013 U	0.0139	0.0363	60528	Eu-152	0.0148 U	0.0228	0.068
6-00016	60022	Eu-154	-0.0054 U	0.0254	0.0721	60528	Eu-154	0.109 J	0.0602	0.173
6-00016	60022	Eu-155	0.0549 SJ	0.02	0.0521	60528	Eu-155	0.0599 JS	0.0299	0.0886
6-00016	60022	Ho-166m	-0.0082 U	0.0063	0.0197	60528	Ho-166m	0.0075 U	0.0124	0.0429
6-00016	60022	K-40	17.9	1.04	0.0955	60528	K-40	17.9	1.05	0.226
6-00016	60022	Na-22	0.0006 U	0.0051	0.0158	60528	Na-22	-0.0211 U	0.0112	0.0325
6-00016	60022	Nb-94	0.0014 U	0.0036	0.012	60528	Nb-94	0.0074 U	0.0072	0.0245
6-00016	60022	Np-236	-0.0145 U	0.0092	0.0273	60528	Np-236	-0.0315 U	0.0159	0.0451
6-00016	60022	Np-239	-0.0207 U	0.0296	0.0957	60528	Np-239	0.0715 U	0.0529	0.175

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00016	60022	Pa-231	0.17 U	0.194	0.606	60528	Pa-231	0.0374 U	0.338	1.11
6-00016	60022	Pb-212	1.38	0.0829	0.0252	60528	Pb-212	1.47	0.0879	0.046
6-00016	60022	Pb-214	0.934	0.0441	0.0255	60528	Pb-214	0.971	0.0512	0.0469
6-00016	60022	Pu-236	-0.0004 U	0.0045	0.0217	60528	Pu-236	0.0068 U	0.0085	0.0321
6-00016	60022	Pu-238	0.0052	0.0043	0.0146	60528	Pu-238	-0.0013 U	0.0043	0.0237
6-00016	60022	Pu-239/240	0.0111	0.0067	0.0207	60528	Pu-239/240	0.0017 U	0.0052	0.0237
6-00016	60022	Pu-244	0.0029 U	0.0036	0.0146	60528	Pu-244	0.0069	0.0057	0.0191
6-00016	60022	Sb-125	0.0015 U	0.01	0.0344	60528	Sb-125	-0.0264 U	0.0219	0.0682
6-00016	60022	Sn-126	-0.0078 U	0.0043	0.0125	60528	Sn-126	0.0062 U	0.0085	0.0292
6-00016	60022	Sr-90	0.0475 U	0.0876	0.307	60528	Sr-90	0.0393 U	0.061	0.219
6-00016	60022	Th-228	1.34	0.129	0.0822	60528	Th-228	1.32	0.125	0.0871
6-00016	60022	Th-229	0.0143 U	0.0143	0.0525	60528	Th-229	0 U	0.0557	0.201
6-00016	60022	Th-230	0.797	0.0902	0.0766	60528	Th-230	0.903	0.093	0.018
6-00016	60022	Th-232	1.1	0.109	0.0192	60528	Th-232	1.29	0.119	0.0615
6-00016	60022	Th-234	1.38 J	0.144	0.221	60528	Th-234	1.39 J	0.184	0.365
6-00016	60022	Tl-208	0.419	0.0231	0.0127	60528	Tl-208	0.478	0.0325	0.0266
6-00016	60022	Tm-171	-6.56 U	4.19	10.7	60528	Tm-171	-11.1 U	5.99	15.7
6-00016	60022	U-233/234	0.679	0.0775	0.0141	60528	U-233/234	0.736	0.0841	0.0356
6-00016	60022	U-235/236	0.0533	0.0202	0.041	60528	U-235/236	0.076	0.0236	0.0187
6-00016	60022	U-238	0.823	0.0889	0.0141	60528	U-238	0.883	0.0956	0.0151
6-00016	60022	Y-90	0.0475 U	0.0876	0.307	60528	Y-90	0.0393 U	0.061	0.219
6-00028	60037	Ac-227	-0.0132 U	0.0454	0.147	60526	Ac-227	0.026 U	0.0461	0.155

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00028	60037	Ac-228	1.18	0.056	0.0685	60526	Ac-228	0.989	0.0482	0.091
6-00028	60037	Ag-108m	0.0036 R	0.0038	0.0109	60526	Ag-108m	0.0035 R	0.0046	0.0138
6-00028	60037	Am-241	0.012	0.0061	0.0082	60526	Am-241	0.0077 U	0.0079	0.0282
6-00028	60037	Ba-133	0.0056 R	0.0052	0.0151	60526	Ba-133	0.0054 R	0.0058	0.0168
6-00028	60037	Bi-212	0.833	0.0664	0.0936	60526	Bi-212	0.713	0.0679	0.124
6-00028	60037	Bi-214	0.926	0.0409	0.0219	60526	Bi-214	0.747	0.0366	0.0275
6-00028	60037	Cd-113m	-57.8 U	33.3	97.2	60526	Cd-113m	-42.9 U	32.2	102
6-00028	60037	Cf-249	0.0491 R	0.032	0.0617	60526	Cf-249	0.0418 R	0.0336	0.07
6-00028	60037	Cm-243/244	-0.0031 U	0.0043	0.0256	60526	Cm-243/244	0.0024 U	0.0095	0.0373
6-00028	60037	Co-60	-0.0057 U	0.0041	0.0126	60526	Co-60	0.0049 U	0.005	0.017
6-00028	60037	Cs-134	0.0105 SJ	0.0044	0.0111	60526	Cs-134	-0.0021 U	0.0046	0.0135
6-00028	60037	Cs-137	0.197	0.0125	0.0121	60526	Cs-137	0.159	0.0118	0.0158
6-00028	60037	Eu-152	-0.0245 UJ	0.0141	0.0352	60526	Eu-152	-0.0062 UJ	0.0131	0.0378
6-00028	60037	Eu-154	0.0174 U	0.0238	0.0696	60526	Eu-154	-0.0093 U	0.0291	0.0952
6-00028	60037	Eu-155	0.0835 SJ	0.0185	0.0531	60526	Eu-155	0.0802 SJ	0.0212	0.0499
6-00028	60037	Ho-166m	-0.0071 U	0.0059	0.0183	60526	Ho-166m	-0.0042 U	0.0071	0.0235
6-00028	60037	K-40	25.9	1.56	0.103	60526	K-40	21.3	1.2	0.115
6-00028	60037	Na-22	0.0039 U	0.005	0.015	60526	Na-22	0.0026 U	0.0059	0.0202
6-00028	60037	Nb-94	0.0044 U	0.0034	0.0109	60526	Nb-94	-0.0003 U	0.0039	0.0133
6-00028	60037	Np-236	-0.0026 U	0.0088	0.0284	60526	Np-236	-0.0058 U	0.0085	0.0272
6-00028	60037	Np-239	0.0201 U	0.0307	0.0992	60526	Np-239	0.029 U	0.0308	0.103
6-00028	60037	Pa-231	0.0289 U	0.195	0.608	60526	Pa-231	-0.102 U	0.197	0.633

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00028	60037	Pb-212	1.38	0.0835	0.0261	60526	Pb-212	1.15	0.0672	0.0289
6-00028	60037	Pb-214	1.05	0.0487	0.0251	60526	Pb-214	0.825	0.0395	0.028
6-00028	60037	Pu-236	0.0003 U	0.0024	0.0126	60526	Pu-236	-0.0014 U	0.0032	0.0174
6-00028	60037	Pu-238	0	0.0018	0.0048	60526	Pu-238	0.0023 U	0.0032	0.0132
6-00028	60037	Pu-239/240	0.0165	0.0063	0.0149	60526	Pu-239/240	0.0033 U	0.0055	0.0212
6-00028	60037	Pu-244	0.0088	0.004	0.0048	60526	Pu-244	0.0046 U	0.0045	0.0165
6-00028	60037	Sb-125	-0.0023 U	0.0099	0.0332	60526	Sb-125	0.0182 U	0.0126	0.0397
6-00028	60037	Sn-126	-0.0022 U	0.0036	0.0117	60526	Sn-126	0.0037 U	0.0046	0.0155
6-00028	60037	Sr-90	-0.0795 U	0.0561	0.221	60526	Sr-90	-0.0337 U	0.0381	0.149
6-00028	60037	Th-228	1.39	0.128	0.0665	60526	Th-228	1.18	0.115	0.0822
6-00028	60037	Th-229	-0.0199 U	0.0199	0.0937	60526	Th-229	-0.0127 U	0.0156	0.0763
6-00028	60037	Th-230	0.988	0.0992	0.0488	60526	Th-230	0.741	0.0818	0.0588
6-00028	60037	Th-232	1.05	0.103	0.0487	60526	Th-232	1.07	0.103	0.0171
6-00028	60037	Th-234	1.42	0.134	0.229	60526	Th-234	1.19	0.114	0.212
6-00028	60037	Tl-208	0.423	0.0226	0.0125	60526	Tl-208	0.387	0.0232	0.0146
6-00028	60037	Tm-171	-4.58 U	3.96	11.2	60526	Tm-171	-4.27 U	3.26	9.13
6-00028	60037	U-233/234	0.966	0.104	0.0768	60526	U-233/234	0.87	0.097	0.0676
6-00028	60037	U-235/236	0.0782	0.0252	0.0442	60526	U-235/236	0.0898	0.0285	0.0564
6-00028	60037	U-238	0.955	0.102	0.0357	60526	U-238	0.848	0.0944	0.0456
6-00028	60037	Y-90	-0.0795 U	0.0561	0.221	60526	Y-90	-0.0337 U	0.0381	0.149
6-00036	60051	Ac-227	0.0169 U	0.0482	0.158	60516	Ac-227	0.0713 U	0.0592	0.195
6-00036	60051	Ac-228	1.32	0.0614	0.0757	60516	Ac-228	1.22	0.0618	0.091

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00036	60051	Ag-108m	0.0018 R	0.004	0.0117	60516	Ag-108m	-0.0043 R	0.0051	0.0142
6-00036	60051	Am-241	0.0146	0.0067	0.0175	60516	Am-241	0.0041 UJ	0.0053	0.0209
6-00036	60051	Ba-133	0.0105 R	0.0061	0.0163	60516	Ba-133	-0.0031 R	0.0067	0.0192
6-00036	60051	Bi-212	0.932	0.0689	0.107	60516	Bi-212	0.909	0.0855	0.126
6-00036	60051	Bi-214	1.01	0.0451	0.0242	60516	Bi-214	0.855	0.0412	0.0272
6-00036	60051	C-14	-0.398 U	0.274	0.954	60516	C-14	0.384	0.21	0.687
6-00036	60051	Cd-113m	17.1 U	33.5	106	60516	Cd-113m	-35.2 U	44.6	128
6-00036	60051	Cf-249	0.0202 R	0.0343	0.07	60516	Cf-249	-0.0129 R	0.0421	0.0819
6-00036	60051	Cm-243/244	0.0028 U	0.0075	0.0292	60516	Cm-243/244	-0.0069 UJ	0.005	0.029
6-00036	60051	Co-60	0.001 U	0.0042	0.0143	60516	Co-60	-0.0058 U	0.0052	0.0166
6-00036	60051	Cs-134	0.009 J	0.0045	0.0121	60516	Cs-134	0.0193 JS	0.0069	0.0159
6-00036	60051	Cs-137	0.0316	0.0058	0.0151	60516	Cs-137	0.0102	0.0053	0.0167
6-00036	60051	Eu-152	-0.0224 U	0.0171	0.0375	60516	Eu-152	0.0029 U	0.0195	0.0452
6-00036	60051	Eu-154	-0.0187 U	0.0242	0.0774	60516	Eu-154	-0.0646 UJ	0.0318	0.0913
6-00036	60051	Eu-155	0.0628 J	0.0218	0.0561	60516	Eu-155	0.0816 JS	0.0224	0.0676
6-00036	60051	H-3	3.54	2.17	7.11	60516	H-3	3.18 U	2.23	7.41
6-00036	60051	Ho-166m	-0.0094 U	0.0067	0.0206	60516	Ho-166m	0.0072 U	0.0079	0.0259
6-00036	60051	I-129	-0.0856 UJ	0.0669	0.257	60516	I-129	0.0655 U	0.0618	0.305
6-00036	60051	K-40	20.7	1.2	0.0955	60516	K-40	19.4	1.19	0.138
6-00036	60051	Na-22	0.0103 J	0.006	0.0167	60516	Na-22	-0.0071 U	0.0062	0.0197
6-00036	60051	Nb-94	0.0017 U	0.0037	0.0123	60516	Nb-94	0.0092 JS	0.005	0.0153
6-00036	60051	Ni-59	2.46 J	1.3	4.82	60516	Ni-59	-0.417 UJ	0.986	3.51

Table A.3
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00036	60051	Ni-63	0.392 U	0.365	1.21	60516	Ni-63	0.468 U	0.397	1.31
6-00036	60051	Np-236	-0.0009 U	0.0094	0.0305	60516	Np-236	-0.001 U	0.0123	0.0372
6-00036	60051	Np-239	0.0258 U	0.0327	0.107	60516	Np-239	-0.0252 U	0.0387	0.129
6-00036	60051	Pa-231	-0.418 U	0.23	0.643	60516	Pa-231	-0.477 U	0.276	0.791
6-00036	60051	Pb-212	1.45	0.0872	0.0273	60516	Pb-212	1.31	0.0811	0.0331
6-00036	60051	Pb-214	1.09	0.0512	0.0276	60516	Pb-214	0.927	0.0458	0.0316
6-00036	60051	Pu-236	-0.0083 U	0.0093	0.0421	60516	Pu-236	0.0003 U	0.0065	0.0288
6-00036	60051	Pu-238	0.0069 U	0.0101	0.0372	60516	Pu-238	-0.0072 U	0.0052	0.03
6-00036	60051	Pu-239/240	0.0023 U	0.0058	0.0246	60516	Pu-239/240	-0.0032 U	0.0044	0.0249
6-00036	60051	Pu-244	0	0.0027	0.0074	60516	Pu-244	0.0063	0.0052	0.0175
6-00036	60051	Sb-125	0.02 J	0.0116	0.0371	60516	Sb-125	0.0274 JS	0.0146	0.045
6-00036	60051	Sn-126	0.0019 UJ	0.0041	0.0136	60516	Sn-126	0.0028 U	0.005	0.0166
6-00036	60051	Sr-90	0.0442 U	0.057	0.2	60516	Sr-90	-0.0444 U	0.0406	0.174
6-00036	60051	Tc-99	-0.0879 U	0.254	0.908	60516	Tc-99	-0.185 U	0.381	1.3
6-00036	60051	Th-228	1.25	0.128	0.0624	60516	Th-228	1.54	0.14	0.0691
6-00036	60051	Th-229	0.016 U	0.0196	0.0741	60516	Th-229	0.0839	0.0266	0.0515
6-00036	60051	Th-230	0.908	0.101	0.0216	60516	Th-230	1.06	0.107	0.0751
6-00036	60051	Th-232	1.27	0.127	0.0584	60516	Th-232	1.35	0.125	0.0512
6-00036	60051	Th-234	1.51	0.134	0.247	60516	Th-234	1.7	0.17	0.286
6-00036	60051	Tl-208	0.431	0.0239	0.0135	60516	Tl-208	0.395	0.0236	0.0165
6-00036	60051	Tm-171	-10.6 UJ	4.7	11.6	60516	Tm-171	-13.8 UJ	5.51	12.5
6-00036	60051	U-233/234	1.15	0.119	0.0464	60516	U-233/234	1.2	0.122	0.0158

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00036	60051	U-235/236	0.0581	0.021	0.0197	60516	U-235/236	0.0723	0.0235	0.0196
6-00036	60051	U-238	0.993	0.106	0.0159	60516	U-238	1.02	0.108	0.0158
6-00036	60051	Y-90	0.0442 U	0.057	0.2	60516	Y-90	-0.0444 U	0.0406	0.174
6-00037	60053	Ac-227	-0.127 U	0.0657	0.195	60518	Ac-227	-0.0656 U	0.0642	0.209
6-00037	60053	Ac-228	1.23	0.0605	0.108	60518	Ac-228	1.2	0.0611	0.108
6-00037	60053	Ag-108m	-0.0041 R	0.0057	0.0165	60518	Ag-108m	0.0043 R	0.0057	0.017
6-00037	60053	Am-241	0.0021	0.0021	0.0056	60518	Am-241	0.0071	0.0041	0.0064
6-00037	60053	Ba-133	-0.0053 R	0.0074	0.021	60518	Ba-133	0.0035 R	0.0072	0.0212
6-00037	60053	Bi-212	0.84 J	0.0867	0.146	60518	Bi-212	0.854	0.0818	0.138
6-00037	60053	Bi-214	0.908	0.0449	0.0343	60518	Bi-214	0.833	0.0429	0.0337
6-00037	60053	C-14	-0.311 U	0.202	0.694	60518	C-14	-0.152 U	0.204	0.693
6-00037	60053	Cd-113m	-0.445 U	40.7	129	60518	Cd-113m	-56.9 U	44.1	135
6-00037	60053	Cf-249	0.013 R	0.0418	0.0894	60518	Cf-249	-0.0131 R	0.043	0.0897
6-00037	60053	Cm-243/244	0.0012 U	0.0036	0.0163	60518	Cm-243/244	0.0078	0.0051	0.0151
6-00037	60053	Co-60	0.0012 U	0.0061	0.0208	60518	Co-60	-0.0087 U	0.0069	0.0216
6-00037	60053	Cs-134	0.0118 SJ	0.0061	0.0169	60518	Cs-134	-0.0037 U	0.0056	0.0162
6-00037	60053	Cs-137	0.0064 U	0.0063	0.0186	60518	Cs-137	0.0007 U	0.0063	0.0186
6-00037	60053	Eu-152	-0.0163 U	0.0163	0.0484	60518	Eu-152	-0.0327 U	0.0179	0.0506
6-00037	60053	Eu-154	-0.0288 U	0.0338	0.112	60518	Eu-154	-0.0204 U	0.0327	0.111
6-00037	60053	Eu-155	0.064 SJ	0.0208	0.07	60518	Eu-155	0.0463 SJ	0.0252	0.0759
6-00037	60053	H-3	5.44	2.32	7.06	60518	H-3	0.554 U	1.82	6.74
6-00037	60053	Ho-166m	-0.0005 U	0.0088	0.0298	60518	Ho-166m	-0.0142 U	0.0093	0.0285

Table A.3
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00037	60053	I-129	-0.0517 U	0.0528	0.172	60518	I-129	0.118 U	0.0747	0.357
6-00037	60053	K-40	22.7	1.4	0.159	60518	K-40	21.8	1.32	0.149
6-00037	60053	Na-22	-0.0104 U	0.0078	0.0243	60518	Na-22	0.0073 U	0.0075	0.0254
6-00037	60053	Nb-94	0.0042 U	0.0053	0.0177	60518	Nb-94	-0.0014 U	0.0053	0.0177
6-00037	60053	Ni-59	-2.5 U	1.61	5.07	60518	Ni-59	-0.865 U	1.52	5.63
6-00037	60053	Ni-63	0.698 U	0.503	1.65	60518	Ni-63	0.267 U	0.51	1.7
6-00037	60053	Np-236	-0.031 SUJ	0.0135	0.0369	60518	Np-236	-0.0079 U	0.0123	0.0396
6-00037	60053	Np-239	-0.0393 U	0.0402	0.133	60518	Np-239	-0.0487 U	0.0421	0.136
6-00037	60053	Pa-231	-0.616 UJ	0.287	0.811	60518	Pa-231	-0.0294 U	0.254	0.857
6-00037	60053	Pb-212	1.39	0.0831	0.0334	60518	Pb-212	1.29	0.0874	0.0363
6-00037	60053	Pb-214	1	0.049	0.0352	60518	Pb-214	0.972	0.053	0.0356
6-00037	60053	Pu-236	0.0011 U	0.0035	0.016	60518	Pu-236	-0.0016 U	0.0027	0.0139
6-00037	60053	Pu-238	-0.0009 U	0.0028	0.0157	60518	Pu-238	-0.0016 U	0.0027	0.0137
6-00037	60053	Pu-239/240	0.0025 U	0.0032	0.0127	60518	Pu-239/240	0.004 U	0.0051	0.0194
6-00037	60053	Pu-244	0.004	0.0028	0.0054	60518	Pu-244	0.0034 U	0.0043	0.0169
6-00037	60053	Sb-125	-0.0119 U	0.0146	0.0467	60518	Sb-125	0.0204 U	0.0153	0.0492
6-00037	60053	Sn-126	0.0056 U	0.0058	0.0194	60518	Sn-126	-0.0004 U	0.0057	0.0195
6-00037	60053	Sr-90	0.0652 U	0.0732	0.254	60518	Sr-90	0.19 U	0.103	0.327
6-00037	60053	Tc-99	-0.0868 U	0.357	1.21	60518	Tc-99	-0.163 U	0.333	1.14
6-00037	60053	Th-228	1.29 L	0.112	0.0606	60518	Th-228	1.37 L	0.116	0.0585
6-00037	60053	Th-229	0.0711 L	0.0201	0.0148	60518	Th-229	0.037 L	0.0176	0.0491
6-00037	60053	Th-230	0.89 L	0.0862	0.0588	60518	Th-230	1.08 L	0.0965	0.0388

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Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00037	60053	Th-232	1.23 L	0.106	0.0401	60518	Th-232	1.58 L	0.126	0.0387
6-00037	60053	Th-234	1.55 J	0.167	0.305	60518	Th-234	1.26 J	0.329	0.4
6-00037	60053	Tl-208	0.431	0.0257	0.0175	60518	Tl-208	0.391	0.0241	0.0178
6-00037	60053	Tm-171	-2.69 U	4.97	15	60518	Tm-171	6.55 U	5.11	16.5
6-00037	60053	U-233/234	0.92	0.0849	0.0212	60518	U-233/234	0.943	0.0872	0.0307
6-00037	60053	U-235/236	0.0657	0.017	0.0111	60518	U-235/236	0.0545	0.0156	0.0114
6-00037	60053	U-238	0.977	0.0891	0.0212	60518	U-238	1.03	0.0933	0.0216
6-00037	60053	Y-90	0.0652 U	0.0732	0.254	60518	Y-90	0.19 U	0.103	0.327
6-00045	60542	Ac-227	-0.172 U	0.0896	0.262	60520	Ac-227	-0.128 U	0.0702	0.208
6-00045	60542	Ac-228	1.75	0.0874	0.124	60520	Ac-228	1.31	0.063	0.107
6-00045	60542	Ag-108m	0.0012 R	0.0068	0.0201	60520	Ag-108m	0.0053 R	0.0056	0.0164
6-00045	60542	Am-241	0.0044 U	0.0055	0.0207	60520	Am-241	0.0142	0.0054	0.0055
6-00045	60542	Ba-133	-0.0104 R	0.0099	0.027	60520	Ba-133	-0.0017 R	0.0076	0.0219
6-00045	60542	Bi-212	1.1	0.101	0.179	60520	Bi-212	0.911	0.0834	0.139
6-00045	60542	Bi-214	1.49	0.0703	0.0422	60520	Bi-214	0.935	0.0459	0.0326
6-00045	60542	C-14	0.0266 U	0.203	0.68	60520	C-14	-0.0589 U	0.201	0.677
6-00045	60542	Cd-113m	-5.58 U	53.2	178	60520	Cd-113m	44.7 U	43.6	143
6-00045	60542	Cf-249	-0.0289 R	0.0568	0.116	60520	Cf-249	0.0676 R	0.0404	0.0941
6-00045	60542	Cm-243/244	0.0097 U	0.0072	0.0241	60520	Cm-243/244	0.0026 U	0.0032	0.0129
6-00045	60542	Co-60	-0.0109 U	0.0072	0.022	60520	Co-60	-0.0039 U	0.0058	0.0197
6-00045	60542	Cs-134	0.0141 JS	0.0079	0.022	60520	Cs-134	0.0018 U	0.0054	0.016
6-00045	60542	Cs-137	0.389	0.024	0.0226	60520	Cs-137	0.226	0.0155	0.0194

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00045	60542	Eu-152	0.0113 U	0.0267	0.0654	60520	Eu-152	-0.0327 U	0.0189	0.051
6-00045	60542	Eu-154	0.0111 U	0.043	0.129	60520	Eu-154	-0.059 U	0.0356	0.108
6-00045	60542	Eu-155	0.0749 JS	0.0382	0.0935	60520	Eu-155	0.0576 JS	0.0268	0.0767
6-00045	60542	H-3	3.35 U	2.46	8.19	60520	H-3	1.55 U	2.31	8.02
6-00045	60542	Ho-166m	-0.0108 U	0.0111	0.0357	60520	Ho-166m	0.0058 U	0.0087	0.0291
6-00045	60542	I-129	0.0916 U	0.103	0.371	60520	I-129	0.0025 U	0.0699	0.302
6-00045	60542	K-40	18.7	1.17	0.183	60520	K-40	23.7	1.49	0.137
6-00045	60542	Na-22	-0.0065 U	0.0082	0.0269	60520	Na-22	-0.0149 U	0.0081	0.0233
6-00045	60542	Nb-94	-0.0003 U	0.0064	0.0213	60520	Nb-94	0.0023 U	0.0048	0.016
6-00045	60542	Ni-59	0.479 U	1.79	7.07	60520	Ni-59	1.42 U	1.81	7.31
6-00045	60542	Ni-63	-0.696 U	0.485	1.67	60520	Ni-63	-0.101 U	0.489	1.65
6-00045	60542	Np-236	-0.0299 U	0.0172	0.0499	60520	Np-236	-0.0141 U	0.0128	0.0401
6-00045	60542	Np-239	0.0248 U	0.0534	0.18	60520	Np-239	0.117 J	0.0508	0.147
6-00045	60542	Pa-231	-0.403 U	0.374	1.1	60520	Pa-231	0.142 U	0.271	0.875
6-00045	60542	Pb-212	1.99	0.128	0.0452	60520	Pb-212	1.47	0.0893	0.0359
6-00045	60542	Pb-214	1.68	0.0812	0.0479	60520	Pb-214	1.03	0.0502	0.038
6-00045	60542	Pu-236	-0.0125 UJ	0.0076	0.0439	60520	Pu-236	-0.0091 U	0.0072	0.0357
6-00045	60542	Pu-238	0.0072 UJ	0.012	0.0457	60520	Pu-238	-0.0042 U	0.0093	0.0393
6-00045	60542	Pu-239/240	0.0105 UJ	0.0095	0.0334	60520	Pu-239/240	0.0084	0.0054	0.0163
6-00045	60542	Pu-244	0	0.0037	0.01	60520	Pu-244	0	0.0026	0.0069
6-00045	60542	Sb-125	-0.0005 U	0.019	0.0623	60520	Sb-125	0.0109 U	0.0145	0.0496
6-00045	60542	Sn-126	-0.0131 U	0.0074	0.0219	60520	Sn-126	-0.0001 U	0.0054	0.0181

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00045	60542	Sr-90	0.289	0.0804	0.209	60520	Sr-90	0.639	0.106	0.18
6-00045	60542	Tc-99	-0.433 U	0.54	1.85	60520	Tc-99	-0.374 U	0.523	1.79
6-00045	60542	Th-228	1.93	0.163	0.097	60520	Th-228	1.58	0.157	0.135
6-00045	60542	Th-229	0.0467	0.0242	0.0718	60520	Th-229	0.0525	0.0217	0.0237
6-00045	60542	Th-230	1.24	0.116	0.049	60520	Th-230	1.19	0.126	0.0642
6-00045	60542	Th-232	1.56	0.136	0.018	60520	Th-232	1.47	0.145	0.0236
6-00045	60542	Th-234	2.45 J	0.276	0.439	60520	Th-234	1.45 J	0.372	0.398
6-00045	60542	Tl-208	0.582	0.0339	0.0231	60520	Tl-208	0.455	0.0266	0.0172
6-00045	60542	Tm-171	-8.56 U	7.64	21.6	60520	Tm-171	-3 U	4.98	16.4
6-00045	60542	U-233/234	2.48 J	0.247	0.0249	60520	U-233/234	2.16 J	0.19	0.0328
6-00045	60542	U-235/236	0.0794	0.0307	0.0307	60520	U-235/236	0.14	0.0316	0.0173
6-00045	60542	U-238	2.34 J	0.236	0.0585	60520	U-238	2.23 J	0.195	0.0406
6-00045	60542	Y-90	0.289	0.0804	0.209	60520	Y-90	0.639	0.106	0.18
6-00056	60086	Ac-227	0.0035 U	0.0444	0.149	60522	Ac-227	-0.0515 U	0.0666	0.219
6-00056	60086	Ac-228	1.11	0.0527	0.0746	60522	Ac-228	1.15	0.0602	0.116
6-00056	60086	Ag-108m	0.0055 R	0.004	0.0112	60522	Ag-108m	0.008 R	0.0059	0.0171
6-00056	60086	Am-241	0.0082	0.0045	0.0122	60522	Am-241	0.006	0.0039	0.0116
6-00056	60086	Ba-133	0.0032 R	0.0054	0.0155	60522	Ba-133	-0.0028 R	0.0077	0.0222
6-00056	60086	Bi-212	0.78	0.0604	0.103	60522	Bi-212	0.9 J	0.0918	0.147
6-00056	60086	Bi-214	0.874	0.0401	0.023	60522	Bi-214	1.02	0.0492	0.0333
6-00056	60086	Cd-113m	1.46 U	29.6	98.8	60522	Cd-113m	-4.56 U	43.8	147
6-00056	60086	Cf-249	-0.0344 R	0.0324	0.0634	60522	Cf-249	0.0285 R	0.0389	0.0953

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00056	60086	Cm-243/244	0.0016 U	0.0041	0.0174	60522	Cm-243/244	0.0047 U	0.0041	0.0144
6-00056	60086	Co-60	0.0026 U	0.0043	0.0144	60522	Co-60	0.0018 U	0.0062	0.0213
6-00056	60086	Cs-134	0.0024 U	0.0041	0.0119	60522	Cs-134	0.0013 U	0.0059	0.0174
6-00056	60086	Cs-137	0.0517	0.006	0.0129	60522	Cs-137	0.0428	0.0084	0.0199
6-00056	60086	Eu-152	-0.0202 U	0.0131	0.0363	60522	Eu-152	-0.0184 U	0.0187	0.0516
6-00056	60086	Eu-154	-0.0498 U	0.0261	0.0771	60522	Eu-154	-0.0314 U	0.0346	0.114
6-00056	60086	Eu-155	0.0998 SJ	0.0226	0.0528	60522	Eu-155	0.098 SJ	0.0297	0.0784
6-00056	60086	Ho-166m	-0.0025 U	0.006	0.0198	60522	Ho-166m	-0.0218 UJ	0.0103	0.0287
6-00056	60086	K-40	23.2	1.42	0.0962	60522	K-40	23.7	1.46	0.152
6-00056	60086	Na-22	-0.0005 U	0.006	0.017	60522	Na-22	-0.0118 U	0.0085	0.0261
6-00056	60086	Nb-94	0.0072 SJ	0.0039	0.0121	60522	Nb-94	-0.004 U	0.0052	0.017
6-00056	60086	Np-236	-0.0088 U	0.0091	0.0285	60522	Np-236	-0.0113 U	0.0131	0.0415
6-00056	60086	Np-239	-0.0021 U	0.0293	0.0986	60522	Np-239	0.0793 J	0.0475	0.15
6-00056	60086	Pa-231	-0.0961 U	0.191	0.607	60522	Pa-231	0.188 U	0.281	0.903
6-00056	60086	Pb-212	1.3	0.0834	0.0259	60522	Pb-212	1.38	0.0896	0.0388
6-00056	60086	Pb-214	0.96	0.0454	0.0259	60522	Pb-214	1.11	0.0534	0.0377
6-00056	60086	Pu-236	0.0097	0.0049	0.0066	60522	Pu-236	-0.0054 U	0.004	0.0227
6-00056	60086	Pu-238	-0.0027 U	0.0037	0.0206	60522	Pu-238	-0.001 U	0.0034	0.0186
6-00056	60086	Pu-239/240	0.0042 U	0.0054	0.0206	60522	Pu-239/240	0.0037 U	0.0047	0.0185
6-00056	60086	Pu-244	-0.0082 U	0.0043	0.0248	60522	Pu-244	-0.0034 U	0.0034	0.0185
6-00056	60086	Sb-125	0.0086 U	0.0107	0.0346	60522	Sb-125	-0.0142 U	0.0166	0.0525
6-00056	60086	Sn-126	-0.0012 U	0.004	0.0133	60522	Sn-126	0.0043 U	0.0058	0.0195

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00056	60086	Sr-90	0.0154 U	0.047	0.174	60522	Sr-90	-0.0105 U	0.0616	0.231
6-00056	60086	Th-228	1.18	0.116	0.121	60522	Th-228	1.1	0.103	0.0837
6-00056	60086	Th-229	0.0307	0.0222	0.0739	60522	Th-229	0.0273 U	0.0226	0.077
6-00056	60086	Th-230	0.883	0.0908	0.0737	60522	Th-230	0.735	0.0762	0.0506
6-00056	60086	Th-232	1.07	0.101	0.0166	60522	Th-232	0.907	0.0865	0.0147
6-00056	60086	Th-234	1.34 J	0.14	0.232	60522	Th-234	1.34 J	0.181	0.332
6-00056	60086	Tl-208	0.407	0.0219	0.0132	60522	Tl-208	0.43	0.0265	0.0188
6-00056	60086	Tm-171	-0.393 UJ	4.3	12.7	60522	Tm-171	-1.39 UJ	6.43	19
6-00056	60086	U-233/234	0.829	0.0795	0.0321	60522	U-233/234	0.81	0.0792	0.0337
6-00056	60086	U-235/236	0.0427	0.0151	0.0314	60522	U-235/236	0.0359	0.0129	0.0122
6-00056	60086	U-238	0.777	0.0757	0.0321	60522	U-238	0.682	0.0695	0.0267
6-00056	60086	Y-90	0.0154 U	0.047	0.174	60522	Y-90	-0.0105 U	0.0616	0.231
6-00084	60125	Ac-227	-0.0383 U	0.0478	0.159	60515	Ac-227	-0.0822 U	0.0637	0.201
6-00084	60125	Ac-228	1.19	0.0561	0.0837	60515	Ac-228	1.23	0.0607	0.104
6-00084	60125	Ag-108m	0.0036 R	0.0043	0.0123	60515	Ag-108m	-0.0061 R	0.0057	0.0158
6-00084	60125	Am-241	0.0045	0.0032	0.0061	60515	Am-241	0.0039 U	0.005	0.0197
6-00084	60125	Ag-108m	0.0036 R	0.0043	0.0123	60515	Ag-108m	-0.0061 R	0.0057	0.0158
6-00084	60125	Bi-212	0.848	0.0685	0.115	60515	Bi-212	0.923 J	0.096	0.144
6-00084	60125	Bi-214	0.811	0.0387	0.0245	60515	Bi-214	0.789	0.0407	0.031
6-00084	60125	C-14	0.111 U	0.2	0.669	60515	C-14	-0.0119 U	0.189	0.634
6-00084	60125	Cd-113m	-64 U	34.6	104	60515	Cd-113m	-70.5 U	45.1	133
6-00084	60125	Cf-249	0.0379 R	0.0324	0.0692	60515	Cf-249	0.0087 R	0.0377	0.0921

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00084	60125	Cm-243/244	0.0058 U	0.0051	0.0179	60515	Cm-243/244	0	0.0025	0.0069
6-00084	60125	Co-60	0.001 U	0.0045	0.0157	60515	Co-60	0.0009 U	0.0055	0.0194
6-00084	60125	Cs-134	0.004 U	0.0046	0.0131	60515	Cs-134	0.0047 U	0.0058	0.017
6-00084	60125	Cs-137	0.0299 J	0.0083	0.0167	60515	Cs-137	0.0337	0.0069	0.0202
6-00084	60125	Eu-152	-0.0237 U	0.0135	0.0372	60515	Eu-152	-0.0085 U	0.0162	0.0508
6-00084	60125	Eu-154	-0.0242 U	0.025	0.0807	60515	Eu-154	-0.0519 U	0.0351	0.109
6-00084	60125	Eu-155	0.0539 JS	0.0213	0.0558	60515	Eu-155	0.0799 JS	0.0277	0.074
6-00084	60125	H-3	1.01 U	2.5	8.86	60515	H-3	3.88	2.18	6.99
6-00084	60125	Ho-166m	0.0016 U	0.0062	0.0213	60515	Ho-166m	-0.0023 U	0.0086	0.0284
6-00084	60125	I-129	-0.0388 U	0.0786	0.311	60515	I-129	0.199 J	0.11	0.386
6-00084	60125	K-40	20.4	1.15	0.103	60515	K-40	21.9	1.38	0.14
6-00084	60125	Na-22	0.0059 U	0.0055	0.0181	60515	Na-22	0.0019 U	0.0085	0.0245
6-00084	60125	Nb-94	0.0082 JS	0.0041	0.0128	60515	Nb-94	0.002 U	0.0049	0.0163
6-00084	60125	Ni-59	1.79 U	1.63	6.42	60515	Ni-59	-2.31 U	1.48	4.67
6-00084	60125	Ni-63	-0.0294 U	0.017	0.0582	60515	Ni-63	0.636 U	0.43	1.41
6-00084	60125	Np-236	-0.0003 U	0.0092	0.0303	60515	Np-236	-0.0169 U	0.0127	0.0388
6-00084	60125	Np-239	-0.0491 U	0.033	0.104	60515	Np-239	-0.0626 U	0.0437	0.137
6-00084	60125	Pa-231	0.329 J	0.213	0.663	60515	Pa-231	0.282 U	0.278	0.847
6-00084	60125	Pb-212	1.4	0.084	0.0288	60515	Pb-212	1.48	0.0902	0.0372
6-00084	60125	Pb-214	0.868	0.0426	0.0279	60515	Pb-214	0.952	0.0466	0.0356
6-00084	60125	Pu-236	-0.0043 U	0.0081	0.038	60515	Pu-236	0.0077 U	0.0095	0.0351
6-00084	60125	Pu-238	0.0134 U	0.0099	0.0331	60515	Pu-238	0.0085 U	0.0077	0.0272

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00084	60125	Pu-239/240	0.0086 U	0.0078	0.0275	60515	Pu-239/240	0.012	0.006	0.0081
6-00084	60125	Pu-244	0.0091 J	0.0053	0.0082	60515	Pu-244	0.006	0.0043	0.0081
6-00084	60125	Sb-125	0.0231 JS	0.0123	0.038	60515	Sb-125	0.0031 U	0.0142	0.0493
6-00084	60125	Sn-126	0.0022 U	0.004	0.0137	60515	Sn-126	-0.0034 U	0.0056	0.0182
6-00084	60125	Sr-90	-0.171 U	0.103	0.444	60515	Sr-90	0.142	0.0709	0.218
6-00084	60125	Tc-99	-0.196 U	0.222	0.752	60515	Tc-99	-0.216 U	0.369	1.26
6-00084	60125	Th-228	1.1	0.127	0.164	60515	Th-228	1.36	0.131	0.107
6-00084	60125	Th-229	0.0161 U	0.0161	0.0593	60515	Th-229	0.0137 U	0.0273	0.103
6-00084	60125	Th-230	0.651	0.084	0.0747	60515	Th-230	0.9	0.095	0.0633
6-00084	60125	Th-232	1.09	0.114	0.0217	60515	Th-232	1.16	0.111	0.0184
6-00084	60125	Th-234	1.27	0.126	0.229	60515	Th-234	1.52 J	0.165	0.31
6-00084	60125	Tl-208	0.413	0.0235	0.0145	60515	Tl-208	0.443	0.0264	0.0187
6-00084	60125	Tm-171	-3.91 U	3.37	9.55	60515	Tm-171	-5.21 U	5.88	17.1
6-00084	60125	U-233/234	0.626	0.0776	0.0387	60515	U-233/234	0.686	0.084	0.0566
6-00084	60125	U-235/236	0.0526	0.0203	0.0204	60515	U-235/236	0.0309	0.0156	0.021
6-00084	60125	U-238	0.76	0.0884	0.0165	60515	U-238	0.767	0.0903	0.0494
6-00084	60125	Y-90	-0.171 U	0.103	0.444	60515	Y-90	0.142	0.0709	0.218
6-00089	60130	Ac-227	-0.004 U	0.0437	0.144	60527	Ac-227	-0.0143 U	0.0333	0.113
6-00089	60130	Ac-228	1.31	0.0615	0.0727	60527	Ac-228	1.11	0.0507	0.0554
6-00089	60130	Ag-108m	0.0024 R	0.004	0.0115	60527	Ag-108m	-0.0011 R	0.003	0.0086
6-00089	60130	Am-241	0.0048	0.004	0.0135	60527	Am-241	0.0094	0.0052	0.014
6-00089	60130	Ba-133	0.0068 R	0.0054	0.0148	60527	Ba-133	0.007 R	0.0041	0.0115

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00089	60130	Bi-212	0.873	0.0753	0.0997	60527	Bi-212	0.704	0.0511	0.0814
6-00089	60130	Bi-214	0.965	0.0438	0.0228	60527	Bi-214	0.777	0.0347	0.0168
6-00089	60130	C-14	0.211 U	0.187	0.62	60527	C-14	-0.0528 U	0.213	0.718
6-00089	60130	Cd-113m	-34.2 U	32.4	94.2	60527	Cd-113m	-0.292 U	22.7	75.1
6-00089	60130	Cf-249	-0.0422 R	0.0288	0.0622	60527	Cf-249	0.0185 R	0.018	0.0493
6-00089	60130	Cm-243/244	-0.0009 U	0.003	0.0168	60527	Cm-243/244	0.0073	0.0047	0.0141
6-00089	60130	Co-60	-0.0084 UJ	0.0045	0.0129	60527	Co-60	-0.0023 UJ	0.0033	0.0108
6-00089	60130	Cs-134	0.0073 JS	0.0042	0.0115	60527	Cs-134	0.0013 U	0.003	0.0088
6-00089	60130	Cs-137	-0.0006 UJ	0.0041	0.0136	60527	Cs-137	0.0116 J	0.004	0.0098
6-00089	60130	Eu-152	-0.032 UJ	0.0133	0.0344	60527	Eu-152	0.0003 U	0.0098	0.0272
6-00089	60130	Eu-154	-0.0515 U	0.0258	0.0749	60527	Eu-154	-0.0487 UJ	0.0208	0.0562
6-00089	60130	Eu-155	0.102 JS	0.0216	0.0487	60527	Eu-155	0.0689 JS	0.017	0.0391
6-00089	60130	H-3	2.18 U	2.07	7.03	60527	H-3	0.262 U	1.83	6.56
6-00089	60130	Ho-166m	-0.011 U	0.0066	0.0197	60527	Ho-166m	-0.0068 U	0.005	0.0153
6-00089	60130	I-129	-0.0466 U	0.0792	0.246	60527	I-129	-0.331 LU	0.139	0.351
6-00089	60130	K-40	23.5	1.39	0.0983	60527	K-40	19.3	1.07	0.0663
6-00089	60130	Na-22	0.0039 U	0.0057	0.0163	60527	Na-22	-0.005 U	0.004	0.0124
6-00089	60130	Nb-94	-0.001 U	0.0036	0.0117	60527	Nb-94	0.0067 JS	0.0031	0.0091
6-00089	60130	Ni-59	-2.28 U	1.83	6.13	60527	Ni-59	-0.994 U	1.14	4.15
6-00089	60130	Ni-63	0.101 U	0.362	1.2	60527	Ni-63	0.163 U	0.427	1.42
6-00089	60130	Np-236	-0.0057 U	0.0082	0.0264	60527	Np-236	-0.0062 U	0.0066	0.0212
6-00089	60130	Np-239	-0.0096 U	0.0292	0.096	60527	Np-239	0.0168 U	0.0238	0.0756

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00089	60130	Pa-231	-0.431 UJ	0.206	0.574	60527	Pa-231	-0.193 U	0.141	0.451
6-00089	60130	Pb-212	1.57	0.095	0.025	60527	Pb-212	1.25	0.0725	0.0198
6-00089	60130	Pb-214	1.12	0.0536	0.0247	60527	Pb-214	0.836	0.0386	0.0193
6-00089	60130	Pu-236	-0.0064 U	0.0046	0.0267	60527	Pu-236	-0.002 U	0.0046	0.0228
6-00089	60130	Pu-238	-0.001 U	0.0033	0.0184	60527	Pu-238	0.0012 U	0.0038	0.017
6-00089	60130	Pu-239/240	-0.0004 U	0.0044	0.0211	60527	Pu-239/240	0.0046 U	0.0057	0.0216
6-00089	60130	Pu-244	0.0053	0.0044	0.0148	60527	Pu-244	0.0022	0.0022	0.0058
6-00089	60130	Sb-125	0.0105 U	0.0102	0.0339	60527	Sb-125	0.0081 U	0.0081	0.0267
6-00089	60130	Sn-126	0.0024 U	0.0039	0.0128	60527	Sn-126	0.0016 U	0.0031	0.0101
6-00089	60130	Sr-90	-0.0479 U	0.0372	0.167	60527	Sr-90	0.0459 U	0.0726	0.255
6-00089	60130	Tc-99	-0.152 U	0.344	1.16	60527	Tc-99	-0.565 U	0.332	1.15
6-00089	60130	Th-228	1.43	0.133	0.0206	60527	Th-228	1.14	0.116	0.114
6-00089	60130	Th-229	0.0566	0.0267	0.0762	60527	Th-229	-0.0134 U	0.0189	0.0876
6-00089	60130	Th-230	0.847	0.0927	0.0656	60527	Th-230	0.8	0.0883	0.0718
6-00089	60130	Th-232	1.12	0.11	0.0191	60527	Th-232	0.924	0.0961	0.0617
6-00089	60130	Th-234	1.75	0.133	0.21	60527	Th-234	1.07	0.106	0.162
6-00089	60130	Tl-208	0.457	0.0248	0.0127	60527	Tl-208	0.384	0.0205	0.01
6-00089	60130	Tm-171	-8.1 UJ	3.62	8.62	60527	Tm-171	-4.87 U	2.76	7.42
6-00089	60130	U-233/234	0.642	0.0658	0.0227	60527	U-233/234	0.711	0.0695	0.0324
6-00089	60130	U-235/236	0.0332	0.0141	0.0347	60527	U-235/236	0.057	0.0162	0.0254
6-00089	60130	U-238	0.803	0.0779	0.0281	60527	U-238	0.723	0.0703	0.0292
6-00089	60130	Y-90	-0.0479 U	0.0372	0.167	60527	Y-90	0.0459 U	0.0726	0.255

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00134	60190	Ac-227	-0.0772 U	0.072	0.233	60513	Ac-227	-0.0149 U	0.0452	0.146
6-00134	60190	Ac-228	1.21	0.0647	0.123	60513	Ac-228	0.923	0.0458	0.0911
6-00134	60190	Ag-108m	0.006 R	0.0066	0.0196	60513	Ag-108m	0.0016 R	0.0046	0.0133
6-00134	60190	Am-241	0.0085 UJ	0.0075	0.0262	60513	Am-241	-0.0053 U	0.0039	0.0223
6-00134	60190	Ba-133	0.0088 R	0.0088	0.0256	60513	Ba-133	0.0074 R	0.0058	0.0172
6-00134	60190	Bi-212	0.836 J	0.0972	0.176	60513	Bi-212	0.719	0.0672	0.12
6-00134	60190	Bi-214	0.985	0.0464	0.0315	60513	Bi-214	0.745	0.0377	0.0263
6-00134	60190	C-14	0.298 U	0.257	0.848	60513	C-14	-0.145 U	0.248	0.837
6-00134	60190	Cd-113m	70 U	52.4	165	60513	Cd-113m	5.53 U	30.1	98.2
6-00134	60190	Cf-249	-0.0301 R	0.0519	0.107	60513	Cf-249	0.0671 R	0.0304	0.0706
6-00134	60190	Cm-243/244	0.0008 UJ	0.0107	0.0439	60513	Cm-243/244	0.0038 U	0.0049	0.0187
6-00134	60190	Co-60	-0.0029 U	0.0066	0.0223	60513	Co-60	0.0036 U	0.0051	0.0175
6-00134	60190	Cs-134	0.0148 JS	0.0076	0.021	60513	Cs-134	0.0006 U	0.0047	0.0135
6-00134	60190	Cs-137	0.935	0.0537	0.0223	60513	Cs-137	0.665	0.0391	0.015
6-00134	60190	Eu-152	-0.0155 U	0.0203	0.061	60513	Eu-152	-0.0275 U	0.0138	0.0376
6-00134	60190	Eu-154	-0.0495 U	0.0382	0.122	60513	Eu-154	-0.0499 U	0.03	0.0889
6-00134	60190	Eu-155	0.0647 JS	0.0316	0.0843	60513	Eu-155	0.0609 JS	0.0206	0.0444
6-00134	60190	H-3	3.3 U	2.3	7.63	60513	H-3	3.53 U	2.8	9.43
6-00134	60190	Ho-166m	-0.0167 UJ	0.0107	0.0327	60513	Ho-166m	0.0026 UJ	0.0067	0.0232
6-00134	60190	I-129	0.275 J	0.131	0.443	60513	I-129	0.0127 U	0.0541	0.221
6-00134	60190	K-40	22.9	1.39	0.177	60513	K-40	18.4	1.01	0.106
6-00134	60190	Na-22	-0.0111 U	0.0088	0.0276	60513	Na-22	0.0039 U	0.0059	0.0204

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00134	60190	Nb-94	0.0028 U	0.0056	0.0191	60513	Nb-94	0.0009 U	0.0037	0.013
6-00134	60190	Ni-59	0.379 U	1.42	5.65	60513	Ni-59	0.977 U	1.2	4.58
6-00134	60190	Ni-63	-0.176 U	0.417	1.41	60513	Ni-63	-0.484 U	0.455	1.56
6-00134	60190	Np-236	0.0129 U	0.014	0.0452	60513	Np-236	-0.0009 U	0.0072	0.0246
6-00134	60190	Np-239	-0.0465 U	0.0481	0.158	60513	Np-239	0.035 U	0.0309	0.099
6-00134	60190	Pa-231	0.0018 U	0.298	1.01	60513	Pa-231	0.203 U	0.195	0.622
6-00134	60190	Pb-212	1.48	0.1	0.0438	60513	Pb-212	1.07	0.0606	0.0264
6-00134	60190	Pb-214	1.11	0.0597	0.0416	60513	Pb-214	0.758	0.0371	0.0281
6-00134	60190	Pu-236	-0.0163 U	0.0112	0.0527	60513	Pu-236	-0.0057 U	0.0053	0.0303
6-00134	60190	Pu-238	0.0114 U	0.0121	0.043	60513	Pu-238	-0.0005 U	0.0053	0.0256
6-00134	60190	Pu-239/240	0.0047 U	0.006	0.0237	60513	Pu-239/240	0.0165	0.0088	0.0256
6-00134	60190	Pu-244	0	0.003	0.0081	60513	Pu-244	0.0057	0.004	0.0077
6-00134	60190	Sb-125	0.0003 U	0.019	0.0626	60513	Sb-125	-0.0173 U	0.0129	0.0406
6-00134	60190	Sn-126	-0.0036 U	0.0063	0.021	60513	Sn-126	0.001 U	0.0042	0.0147
6-00134	60190	Sr-90	1.07	0.131	0.148	60513	Sr-90	0.482	0.0895	0.179
6-00134	60190	Tc-99	-0.269 U	0.35	1.21	60513	Tc-99	0.585 U	0.368	1.2
6-00134	60190	Th-228	1.03	0.122	0.118	60513	Th-228	1.19	0.119	0.057
6-00134	60190	Th-229	-0.0267 UJ	0.0295	0.133	60513	Th-229	0.021 U	0.0186	0.0651
6-00134	60190	Th-230	0.807	0.0995	0.0824	60513	Th-230	0.853	0.092	0.019
6-00134	60190	Th-232	1.06	0.118	0.0821	60513	Th-232	0.907	0.0961	0.0514
6-00134	60190	Th-234	1.64 J	0.429	0.438	60513	Th-234	1.08	0.0969	0.171
6-00134	60190	Tl-208	0.484	0.0299	0.0221	60513	Tl-208	0.377	0.0226	0.0151

Table A.3
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00134	60190	Tm-171	-5.1 U	5.95	19.5	60513	Tm-171	0.0952 U	1.89	5.54
6-00134	60190	U-233/234	0.885	0.0994	0.0609	60513	U-233/234	0.825	0.0922	0.0451
6-00134	60190	U-235/236	0.0246	0.0161	0.0478	60513	U-235/236	0.0495	0.0191	0.0192
6-00134	60190	U-238	0.924	0.102	0.0387	60513	U-238	0.87	0.0953	0.0155
6-00025	60190	Y-90	1.07	0.131	0.148	60513	Y-90	0.482	0.0895	0.179
6-00151	60218	Ac-227	-0.0385 U	0.0543	0.178	60529	Ac-227	0.0175 U	0.0652	0.215
6-00151	60218	Ac-228	1.22	0.0585	0.0847	60529	Ac-228	1.28	0.0636	0.11
6-00151	60218	Ag-108m	0.0015 R	0.0044	0.0133	60529	Ag-108m	-0.0047 R	0.0056	0.0159
6-00151	60218	Am-241	0.0039 U	0.0048	0.0182	60529	Am-241	0.0011 U	0.0033	0.0148
6-00151	60218	Ba-133	0.0009 R	0.0062	0.0181	60529	Ba-133	-0.007 U	0.0076	0.0206
6-00151	60218	Bi-212	0.934	0.0794	0.121	60529	Bi-212	0.843 J	0.0902	0.147
6-00151	60218	Bi-214	1.07	0.0488	0.0254	60529	Bi-214	1.09	0.051	0.0323
6-00151	60218	Cd-113m	7.81 U	38.1	118	60529	Cd-113m	46.9 U	48.1	144
6-00151	60218	Cf-249	0.0149 R	0.0284	0.0772	60529	Cf-249	0.0361 R	0.0444	0.0912
6-00151	60218	Cm-243/244	-0.0013 U	0.0023	0.0117	60529	Cm-243/244	0.0021 U	0.0047	0.0189
6-00151	60218	Co-60	0.001 U	0.0049	0.0164	60529	Co-60	-0.005 U	0.0056	0.0184
6-00151	60218	Cs-134	-0.0062 U	0.0048	0.0134	60529	Cs-134	0.0019 U	0.0056	0.0165
6-00151	60218	Cs-137	0.013 J	0.0059	0.0161	60529	Cs-137	-0.008 U	0.0059	0.0183
6-00151	60218	Eu-152	-0.0049 U	0.0162	0.0435	60529	Eu-152	-0.0386 U	0.0239	0.0503
6-00151	60218	Eu-154	-0.0716 UJ	0.0327	0.0897	60529	Eu-154	-0.0407 U	0.0347	0.108
6-00151	60218	Eu-155	0.0508 JS	0.0236	0.0659	60529	Eu-155	0.0856 JS	0.0309	0.0799
6-00151	60218	Ho-166m	-0.0106 U	0.0073	0.0229	60529	Ho-166m	-0.0127 U	0.0089	0.0274

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00151	60218	K-40	23.4	1.34	0.121	60529	K-40	25.7	1.5	0.135
6-00151	60218	Na-22	0.0025 U	0.0059	0.0197	60529	Na-22	-0.0122 U	0.0076	0.0235
6-00151	60218	Nb-94	0.0017 U	0.0039	0.0135	60529	Nb-94	0.0088 JS	0.0053	0.017
6-00151	60218	Np-236	-0.0026 UJ	0.0101	0.0347	60529	Np-236	0.0198 UJ	0.0132	0.042
6-00151	60218	Np-239	0.0064 U	0.0358	0.121	60529	Np-239	-0.0476 U	0.0456	0.145
6-00151	60218	Pa-231	-0.196 UJ	0.224	0.726	60529	Pa-231	-0.423 UJ	0.289	0.874
6-00151	60218	Pb-212	1.25	0.0795	0.0316	60529	Pb-212	1.52	0.0925	0.038
6-00151	60218	Pb-214	1.13	0.0556	0.0306	60529	Pb-214	1.19	0.0575	0.0368
6-00151	60218	Pu-236	0.0103 UJ	0.0103	0.0379	60529	Pu-236	-0.003 U	0.0079	0.0353
6-00151	60218	Pu-238	-0.0147 UJ	0.0162	0.0734	60529	Pu-238	-0.0006	0.0105	0.0431
6-00151	60218	Pu-239/240	0.0049	0.0049	0.0132	60529	Pu-239/240	0.0042	0.0083	0.0328
6-00151	60218	Pu-244	0.0146	0.0085	0.0132	60529	Pu-244	0.003	0.003	0.0082
6-00151	60218	Sb-125	0.0272 JS	0.0138	0.0417	60529	Sb-125	-0.0108 U	0.0139	0.0464
6-00151	60218	Sn-126	0.0007 U	0.0046	0.0158	60529	Sn-126	0.0002 U	0.0053	0.0178
6-00151	60218	Sr-90	0.0238 U	0.0612	0.221	60529	Sr-90	0.132 U	0.0891	0.292
6-00151	60218	Th-228	1.24	0.123	0.0715	60529	Th-228	1.13	0.112	0.019
6-00151	60218	Th-229	0.108	0.032	0.0668	60529	Th-229	0.0525	0.0247	0.0706
6-00151	60218	Th-230	0.989	0.104	0.0772	60529	Th-230	0.982	0.104	0.0676
6-00151	60218	Th-232	1.12	0.112	0.0194	60529	Th-232	1.19	0.113	0.0177
6-00151	60218	Th-234	1.44 J	0.147	0.271	60529	Th-234	1.67 J	0.189	0.323
6-00151	60218	Tl-208	0.405	0.0236	0.0155	60529	Tl-208	0.467	0.0273	0.0182
6-00151	60218	Tm-171	-5.3 U	4.24	11.5	60529	Tm-171	-10.5 U	6.2	15.6

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00151	60218	U-233/234	0.757	0.0855	0.0536	60529	U-233/234	0.893	0.108	0.0202
6-00151	60218	U-235/236	0.05	0.0213	0.0521	60529	U-235/236	0.0462	0.021	0.025
6-00151	60218	U-238	0.976	0.102	0.0422	60529	U-238	0.918	0.111	0.0676
6-00161	60238	Ac-227	-0.0523 U	0.0622	0.197	60530	Ac-227	-0.116 U	0.0726	0.222
6-00161	60238	Ac-228	1.51	0.0711	0.107	60530	Ac-228	1.47	0.0703	0.116
6-00161	60238	Ag-108m	0.0012 R	0.0053	0.0156	60530	Ag-108m	-0.0007 R	0.006	0.0175
6-00161	60238	Am-241	0.0056 U	0.0049	0.0172	60530	Am-241	0.0083	0.0057	0.0183
6-00161	60238	Ba-133	0.006 R	0.0068	0.0205	60530	Ba-133	0.0002 R	0.0079	0.0229
6-00161	60238	Bi-212	1.03	0.0921	0.142	60530	Bi-212	1.17	0.0898	0.156
6-00161	60238	Bi-214	1.13	0.0531	0.0317	60530	Bi-214	1.17	0.0557	0.0327
6-00161	60238	Cd-113m	-28.6 U	41	131	60530	Cd-113m	-4.11 U	44.1	148
6-00161	60238	Cf-249	0.0128 R	0.0383	0.0858	60530	Cf-249	0.0072 R	0.0466	0.0971
6-00161	60238	Cm-243/244	-0.0079 U	0.0042	0.024	60530	Cm-243/244	-0.0004 U	0.0044	0.0211
6-00161	60238	Co-60	0.0072 U	0.006	0.0201	60530	Co-60	0.0029 U	0.006	0.0211
6-00161	60238	Cs-134	-0.004 U	0.0055	0.0156	60530	Cs-134	0.0011 U	0.0059	0.0173
6-00161	60238	Cs-137	0.0009 U	0.0061	0.0176	60530	Cs-137	-0.0046 U	0.0068	0.019
6-00161	60238	Eu-152	-0.0288 U	0.016	0.0452	60530	Eu-152	-0.0035 U	0.0174	0.0552
6-00161	60238	Eu-154	-0.0014 UJ	0.0342	0.101	60530	Eu-154	-0.0342 U	0.0344	0.112
6-00161	60238	Eu-155	0.0996 JS	0.0314	0.0728	60530	Eu-155	0.105 JS	0.0294	0.0777
6-00161	60238	Ho-166m	0.0088 U	0.0088	0.0289	60530	Ho-166m	0.007 U	0.0095	0.0315
6-00161	60238	K-40	25.5	1.45	0.143	60530	K-40	23.9	1.51	0.158
6-00161	60238	Na-22	-0.0207 UJ	0.0085	0.0218	60530	Na-22	0.0033 U	0.0075	0.025

Table A.3
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00161	60238	Nb-94	0.0024 U	0.0049	0.0163	60530	Nb-94	0.0085 U	0.0057	0.0181
6-00161	60238	Np-236	-0.0049 U	0.0112	0.0379	60530	Np-236	-0.0121 U	0.0133	0.0421
6-00161	60238	Np-239	0.0484 U	0.0414	0.132	60530	Np-239	0.0323 U	0.0449	0.15
6-00161	60238	Pa-231	-0.152 U	0.257	0.821	60530	Pa-231	-0.43 U	0.291	0.894
6-00161	60238	Pb-212	1.72	0.102	0.0356	60530	Pb-212	1.76	0.107	0.039
6-00161	60238	Pb-214	1.3	0.0617	0.0336	60530	Pb-214	1.26	0.0605	0.0387
6-00161	60238	Pu-236	0.0008 U	0.0034	0.0173	60530	Pu-236	-0.0059 U	0.011	0.0462
6-00161	60238	Pu-238	0.0078	0.0045	0.007	60530	Pu-238	-0.0059 U	0.0086	0.0384
6-00161	60238	Pu-239/240	0.0026	0.0026	0.007	60530	Pu-239/240	-0.0039 U	0.0038	0.0212
6-00161	60238	Pu-244	0.0007 U	0.0032	0.0164	60530	Pu-244	0.0027	0.0027	0.0073
6-00161	60238	Sb-125	0.0041 U	0.0134	0.0458	60530	Sb-125	0.005 U	0.0147	0.0507
6-00161	60238	Sn-126	0.0029 U	0.0055	0.0182	60530	Sn-126	0 U	0.0058	0.0195
6-00161	60238	Sr-90	-0.0039 U	0.0799	0.289	60530	Sr-90	-0.0224 U	0.0433	0.173
6-00161	60238	Th-228	1.46	0.135	0.0787	60530	Th-228	1.61	0.146	0.107
6-00161	60238	Th-229	0.0545	0.0257	0.0733	60530	Th-229	0.0563	0.0225	0.0518
6-00161	60238	Th-230	1.13	0.11	0.05	60530	Th-230	1.07	0.106	0.019
6-00161	60238	Th-232	1.4	0.126	0.0184	60530	Th-232	1.42	0.128	0.019
6-00161	60238	Th-234	1.94	0.185	0.296	60530	Th-234	1.93 J	0.201	0.335
6-00161	60238	Tl-208	0.509	0.0295	0.0182	60530	Tl-208	0.509	0.0296	0.02
6-00161	60238	Tm-171	3.64 U	4.92	14.1	60530	Tm-171	-0.173 U	6.09	18.3
6-00161	60238	U-233/234	1.18	0.135	0.0524	60530	U-233/234	1.15	0.116	0.0437
6-00161	60238	U-235/236	0.0915	0.0313	0.0276	60530	U-235/236	0.0684	0.0222	0.0185
6-00161	60238	U-238	1.18	0.135	0.0649	60530	U-238	1.12	0.114	0.015

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00161	60238	Y-90	-0.0039 U	0.0799	0.289	60530	Y-90	-0.0224 U	0.0433	0.173
6-00167	60249	Ac-227	0.0025 U	0.0451	0.153	60523	Ac-227	0.0531 U	0.0469	0.149
6-00167	60249	Ac-228	1.42	0.0668	0.0758	60523	Ac-228	1.44	0.0658	0.0724
6-00167	60249	Ag-108m	0.0007 R	0.004	0.0115	60523	Ag-108m	0.0054 R	0.0041	0.0116
6-00167	60249	Am-241	0.0024 U	0.003	0.0119	60523	Am-241	-0.0006 U	0.01	0.0411
6-00167	60249	Ba-133	0.0037 R	0.0055	0.016	60523	Ba-133	0.0094 R	0.0058	0.0156
6-00167	60249	Bi-212	0.961	0.0702	0.103	60523	Bi-212	1.05	0.0709	0.101
6-00167	60249	Bi-214	0.874	0.0404	0.0234	60523	Bi-214	0.883	0.0404	0.0226
6-00167	60249	Cd-113m	6.95 U	33.6	104	60523	Cd-113m	-47.9 U	35.1	99.2
6-00167	60249	Cf-249	0.0002 R	0.0337	0.0659	60523	Cf-249	0.0581 R	0.0338	0.0651
6-00167	60249	Cm-243/244	0.0048 U	0.0042	0.0148	60523	Cm-243/244	-0.0014 U	0.0095	0.0397
6-00167	60249	Co-60	-0.0009 U	0.004	0.0134	60523	Co-60	0.0035 U	0.004	0.0136
6-00167	60249	Cs-134	0.0137 SJ	0.0052	0.0124	60523	Cs-134	-0.0028 U	0.004	0.0113
6-00167	60249	Cs-137	0.0074	0.0067	0.0149	60523	Cs-137	0.0168	0.0056	0.0134
6-00167	60249	Eu-152	-0.0033 U	0.0147	0.0373	60523	Eu-152	0.0029 U	0.0127	0.0361
6-00167	60249	Eu-154	-0.046 U	0.0249	0.074	60523	Eu-154	-0.0568 LU	0.0268	0.0735
6-00167	60249	Eu-155	0.0978 SJ	0.0222	0.0542	60523	Eu-155	0.0682 SJ	0.0188	0.0536
6-00167	60249	Ho-166m	-0.0014 UJ	0.0063	0.0205	60523	Ho-166m	-0.0084 UJ	0.0062	0.0194
6-00167	60249	K-40	23.8	1.45	0.0994	60523	K-40	24.8	1.43	0.093
6-00167	60249	Na-22	-0.0119 LU	0.0058	0.0164	60523	Na-22	-0.0052 U	0.0048	0.0154
6-00167	60249	Nb-94	0.0011 U	0.0036	0.0118	60523	Nb-94	0.0013 U	0.0035	0.0116
6-00167	60249	Np-236	-0.0156 U	0.0104	0.029	60523	Np-236	-0.0011 U	0.0089	0.0287

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00167	60249	Np-239	-0.0095 U	0.0312	0.105	60523	Np-239	-0.0424 U	0.0317	0.098
6-00167	60249	Pa-231	-0.468 LU	0.229	0.627	60523	Pa-231	-0.295 U	0.201	0.608
6-00167	60249	Pb-212	1.61	0.0979	0.0273	60523	Pb-212	1.62	0.097	0.0259
6-00167	60249	Pb-214	0.986	0.0469	0.0269	60523	Pb-214	0.952	0.045	0.0252
6-00167	60249	Pu-236	-0.0033 U	0.0092	0.0395	60523	Pu-236	0.0007 U	0.0028	0.0144
6-00167	60249	Pu-238	-0.0002 U	0.0109	0.0429	60523	Pu-238	0.0043	0.0031	0.0058
6-00167	60249	Pu-239/240	0.0011 U	0.0067	0.0285	60523	Pu-239/240	0.0028 U	0.0034	0.0136
6-00167	60249	Pu-244	0.0078	0.0046	0.0071	60523	Pu-244	0.0129	0.0053	0.0058
6-00167	60249	Sb-125	0.0121 U	0.0108	0.0354	60523	Sb-125	0.0093 U	0.0102	0.0342
6-00167	60249	Sn-126	-0.0021 U	0.0041	0.0132	60523	Sn-126	0.0007 U	0.0039	0.0129
6-00167	60249	Sr-90	0.0614 U	0.0666	0.226	60523	Sr-90	0.0377 U	0.0425	0.147
6-00167	60249	Th-228	1.3	0.142	0.138	60523	Th-228	1.51	0.138	0.0941
6-00167	60249	Th-229	-0.0454 U	0.0301	0.144	60523	Th-229	0.0266 U	0.025	0.0873
6-00167	60249	Th-230	0.671	0.0918	0.109	60523	Th-230	0.81	0.0891	0.0798
6-00167	60249	Th-232	1.14	0.123	0.0245	60523	Th-232	1.2	0.113	0.0179
6-00167	60249	Th-234	1.2 J	0.123	0.228	60523	Th-234	1.64	0.15	0.226
6-00167	60249	Tl-208	0.499	0.0269	0.013	60523	Tl-208	0.508	0.0277	0.0124
6-00167	60249	Tm-171	-10.2 LU	4.56	10.2	60523	Tm-171	-1.72 U	3.92	10.8
6-00167	60249	U-233/234	0.796	0.0776	0.0331	60523	U-233/234	0.702	0.0701	0.0411
6-00167	60249	U-235/236	0.0309	0.0134	0.0325	60523	U-235/236	0.0635	0.017	0.0115
6-00167	60249	U-238	0.774	0.0757	0.0097	60523	U-238	0.743	0.0727	0.0252
6-00167	60249	Y-90	0.0614 U	0.0666	0.226	60523	Y-90	0.0377 U	0.0425	0.147

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00176	60267	Ac-227	-0.0279 U	0.0509	0.164	60514	Ac-227	0.0624 U	0.0562	0.181
6-00176	60267	Ac-228	1.16	0.0559	0.108	60514	Ac-228	1.19	0.0584	0.0823
6-00176	60267	Ag-108m	0.0048 R	0.0051	0.0147	60514	Ag-108m	0.0024 R	0.0045	0.0132
6-00176	60267	Am-241	0.0035 U	0.0084	0.0347	60514	Am-241	0.0052 U	0.0069	0.0271
6-00176	60267	Ba-133	-0.0037 R	0.0059	0.0176	60514	Ba-133	-0.0032 R	0.0064	0.0179
6-00176	60267	Bi-212	0.891 J	0.0922	0.142	60514	Bi-212	0.848	0.0769	0.129
6-00176	60267	Bi-214	0.997	0.0476	0.0297	60514	Bi-214	0.972	0.0454	0.0266
6-00176	60267	Cd-113m	-21.2 U	32.5	104	60514	Cd-113m	8.58 U	40.8	118
6-00176	60267	Cf-249	-0.0043 R	0.0291	0.0748	60514	Cf-249	0.0101 R	0.0368	0.0753
6-00176	60267	Cm-243/244	0.0018 U	0.006	0.0276	60514	Cm-243/244	-0.0019 U	0.0065	0.0325
6-00176	60267	Co-60	-0.0032 U	0.0056	0.0187	60514	Co-60	-0.0073 U	0.0052	0.0159
6-00176	60267	Cs-134	-0.0003 UJ	0.0053	0.0152	60514	Cs-134	0.0103 JS	0.0053	0.0145
6-00176	60267	Cs-137	0.0448	0.0076	0.0164	60514	Cs-137	0.0519	0.0067	0.015
6-00176	60267	Eu-152	0.0082 U	0.013	0.0414	60514	Eu-152	-0.0111 U	0.0185	0.043
6-00176	60267	Eu-154	-0.0366 U	0.0324	0.102	60514	Eu-154	-0.03 U	0.0284	0.0921
6-00176	60267	Eu-155	0.0821 JS	0.0229	0.0485	60514	Eu-155	0.0395 JS	0.0206	0.0632
6-00176	60267	Ho-166m	-0.0008 UJ	0.0081	0.0279	60514	Ho-166m	-0.0095 UJ	0.0076	0.0237
6-00176	60267	K-40	21.1	1.14	0.121	60514	K-40	23	1.37	0.119
6-00176	60267	Na-22	-0.0073 U	0.0069	0.0225	60514	Na-22	0.0018 U	0.007	0.0202
6-00176	60267	Nb-94	-0.0073 U	0.0048	0.0151	60514	Nb-94	0.0008 U	0.0041	0.0136
6-00176	60267	Np-236	-0.0074 U	0.0079	0.0264	60514	Np-236	-0.0102 U	0.0112	0.0325
6-00176	60267	Np-239	-0.0285 U	0.0333	0.106	60514	Np-239	0.0411 U	0.0363	0.117

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00176	60267	Pa-231	-0.127 U	0.211	0.671	60514	Pa-231	-0.0652 U	0.239	0.723
6-00176	60267	Pb-212	1.35	0.0743	0.029	60514	Pb-212	1.41	0.0866	0.0325
6-00176	60267	Pb-214	1.03	0.0481	0.0297	60514	Pb-214	1.14	0.0549	0.0303
6-00176	60267	Pu-236	0.0024	0.0024	0.0065	60514	Pu-236	-0.0042 U	0.0042	0.023
6-00176	60267	Pu-238	0.0045	0.0032	0.006	60514	Pu-238	0.0027	0.0027	0.0074
6-00176	60267	Pu-239/240	0.0089	0.0045	0.006	60514	Pu-239/240	0.0144	0.007	0.0173
6-00176	60267	Pu-244	0.0089	0.0045	0.006	60514	Pu-244	0.0027	0.0027	0.0074
6-00176	60267	Sb-125	0.0086 U	0.0126	0.0426	60514	Sb-125	0.0234 JS	0.0137	0.0438
6-00176	60267	Sn-126	-0.0039 U	0.005	0.0167	60514	Sn-126	-0.0104 UJ	0.0051	0.0143
6-00176	60267	Sr-90	0.113 U	0.0641	0.203	60514	Sr-90	0.136	0.0686	0.211
6-00176	60267	Th-228	1.44	0.136	0.105	60514	Th-228	1.35	0.135	0.142
6-00176	60267	Th-229	0.0067 U	0.015	0.0623	60514	Th-229	0.0211	0.0157	0.0517
6-00176	60267	Th-230	0.93	0.096	0.0181	60514	Th-230	0.847	0.0926	0.065
6-00176	60267	Th-232	1.1	0.107	0.0181	60514	Th-232	1.22	0.117	0.0189
6-00176	60267	Th-234	1.14	0.0997	0.198	60514	Th-234	1.51	0.134	0.248
6-00176	60267	Tl-208	0.439	0.0265	0.0168	60514	Tl-208	0.428	0.0248	0.0162
6-00176	60267	Tm-171	2.64 U	2.26	6.45	60514	Tm-171	-1.47 U	3.85	10.9
6-00176	60267	U-233/234	0.817	0.0973	0.0436	60514	U-233/234	0.855	0.0932	0.0488
6-00176	60267	U-235/236	0.0339	0.0171	0.0229	60514	U-235/236	0.0534	0.0193	0.0181
6-00176	60267	U-238	0.973	0.11	0.0186	60514	U-238	0.934	0.0988	0.0146
6-00176	60267	Y-90	0.113 U	0.0641	0.203	60514	Y-90	0.136	0.0686	0.211
6-00193	60300	Ac-227	-0.0612 U	0.0482	0.152	60525	Ac-227	0.075 J	0.0468	0.148

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00193	60300	Ac-228	1.26	0.0578	0.0791	60525	Ac-228	1.11	0.0533	0.0708
6-00193	60300	Ag-108m	-0.0012 R	0.004	0.0115	60525	Ag-108m	-0.0035 R	0.0039	0.0107
6-00193	60300	Am-241	0.0097	0.0056	0.0088	60525	Am-241	-0.0001 U	0.0055	0.0268
6-00193	60300	Ba-133	0.0039 R	0.0054	0.0154	60525	Ba-133	-0.0092 R	0.0056	0.0148
6-00193	60300	Bi-212	0.804	0.0645	0.108	60525	Bi-212	0.893	0.0639	0.099
6-00193	60300	Bi-214	1.07	0.0479	0.0241	60525	Bi-214	0.887	0.0401	0.0214
6-00193	60300	Cd-113m	-12 U	30.4	101	60525	Cd-113m	-44 U	34.8	96.4
6-00193	60300	Cf-249	0.0599 R	0.0339	0.0663	60525	Cf-249	0.0432 R	0.0328	0.063
6-00193	60300	Cm-243/244	-0.0017 U	0.0043	0.0251	60525	Cm-243/244	0.0096	0.0068	0.0217
6-00193	60300	Co-60	0.001 U	0.0044	0.015	60525	Co-60	-0.0035 U	0.0039	0.0126
6-00193	60300	Cs-134	0.0083 SJ	0.0046	0.0125	60525	Cs-134	0.0089 SJ	0.0044	0.0115
6-00193	60300	Cs-137	0.0027 U	0.0048	0.0138	60525	Cs-137	0.0051 U	0.0046	0.0128
6-00193	60300	Eu-152	-0.0266 UJ	0.0134	0.0366	60525	Eu-152	-0.028 UJ	0.0155	0.0347
6-00193	60300	Eu-154	-0.0634 U	0.0317	0.0774	60525	Eu-154	-0.0441 U	0.0247	0.0741
6-00193	60300	Eu-155	0.0858 SJ	0.0229	0.053	60525	Eu-155	0.0674 SJ	0.0207	0.0508
6-00193	60300	Ho-166m	0.0032 U	0.0064	0.0211	60525	Ho-166m	-0.0073 U	0.0062	0.0194
6-00193	60300	K-40	24.7	1.54	0.109	60525	K-40	22.3	1.36	0.091
6-00193	60300	Na-22	-0.0028 U	0.0063	0.0174	60525	Na-22	-0.0013 U	0.0054	0.0154
6-00193	60300	Nb-94	0.0065 SJ	0.0039	0.0122	60525	Nb-94	0.0053 U	0.0036	0.0114
6-00193	60300	Np-236	-0.0047 U	0.0089	0.0288	60525	Np-236	-0.0015 U	0.0092	0.0278
6-00193	60300	Np-239	0.0447 U	0.0318	0.102	60525	Np-239	0.0237 U	0.0292	0.0978
6-00193	60300	Pa-231	-0.364 U	0.216	0.625	60525	Pa-231	-0.241 U	0.197	0.594

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00193	60300	Pb-212	1.43	0.0862	0.0271	60525	Pb-212	1.34	0.0818	0.0252
6-00193	60300	Pb-214	1.21	0.0556	0.0261	60525	Pb-214	0.967	0.0457	0.0249
6-00193	60300	Pu-236	-0.0017 U	0.0027	0.0141	60525	Pu-236	-0.002 UJ	0.0035	0.018
6-00193	60300	Pu-238	-0.003 U	0.0035	0.0192	60525	Pu-238	-0.0058 UJ	0.0043	0.0243
6-00193	60300	Pu-239/240	-0.0003 U	0.0054	0.0232	60525	Pu-239/240	-0.0004 UJ	0.0051	0.0242
6-00193	60300	Pu-244	0.0003 U	0.0026	0.0133	60525	Pu-244	0.0134 J	0.006	0.0073
6-00193	60300	Sb-125	0.0127 U	0.0108	0.036	60525	Sb-125	-0.0113 U	0.0102	0.0326
6-00193	60300	Sn-126	-0.004 U	0.0042	0.0133	60525	Sn-126	-0.0031 U	0.0039	0.0125
6-00193	60300	Sr-90	0.11	0.0519	0.161	60525	Sr-90	0.0038 U	0.0335	0.124
6-00193	60300	Th-228	1.39	0.125	0.109	60525	Th-228	1.4	0.121	0.0767
6-00193	60300	Th-229	0.0173 U	0.0208	0.0757	60525	Th-229	0.0163 U	0.0163	0.0583
6-00193	60300	Th-230	1.04	0.0984	0.062	60525	Th-230	1.05	0.0969	0.0582
6-00193	60300	Th-232	1.1	0.101	0.0533	60525	Th-232	1.2	0.105	0.0146
6-00193	60300	Th-234	1.7	0.151	0.237	60525	Th-234	1.27	0.115	0.219
6-00193	60300	Tl-208	0.438	0.0241	0.0132	60525	Tl-208	0.413	0.0227	0.0121
6-00193	60300	Tm-171	7.47 J	4.54	12.6	60525	Tm-171	-5.93 U	3.86	9.54
6-00193	60300	U-233/234	1	0.107	0.0622	60525	U-233/234	1.04	0.11	0.0464
6-00193	60300	U-235/236	0.0302	0.0167	0.0449	60525	U-235/236	0.0965	0.0286	0.0463
6-00193	60300	U-238	0.958	0.103	0.0517	60525	U-238	0.962	0.104	0.0464
6-00193	60300	Y-90	0.11	0.0519	0.161	60525	Y-90	0.0038 U	0.0335	0.124
6-00205	60316	Ac-227	0.0808 U	0.0654	0.215	60533	Ac-227	-0.0183 U	0.0574	0.192
6-00205	60316	Ac-228	1.45	0.0712	0.101	60533	Ac-228	1.27	0.0629	0.0972

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00205	60316	Ag-108m	0.0039 R	0.0055	0.016	60533	Ag-108m	-0.0059 R	0.0052	0.0143
6-00205	60316	Am-241	0.0069	0.0057	0.0193	60533	Am-241	0.0142	0.0059	0.0064
6-00205	60316	Ba-133	-0.0031 R	0.0075	0.0216	60533	Ba-133	-0.0013 R	0.0069	0.0199
6-00205	60316	Bi-212	1.06	0.0981	0.143	60533	Bi-212	0.812	0.075	0.133
6-00205	60316	Bi-214	0.938	0.0462	0.0337	60533	Bi-214	0.835	0.0411	0.0287
6-00205	60316	Cd-113m	71.3 U	49.4	146	60533	Cd-113m	79.3 J	43.1	129
6-00205	60316	Cf-249	0.0233 R	0.0473	0.0938	60533	Cf-249	0.0332 R	0.0399	0.0839
6-00205	60316	Cm-243/244	-0.0035 UJ	0.0049	0.0275	60533	Cm-243/244	-0.0004 U	0.0045	0.0215
6-00205	60316	Co-60	0.0049 U	0.0054	0.0183	60533	Co-60	0.0009 U	0.0055	0.0186
6-00205	60316	Cs-134	0.0149 J	0.0069	0.0178	60533	Cs-134	0.0016 U	0.005	0.0149
6-00205	60316	Cs-137	-0.0037 U	0.0059	0.0191	60533	Cs-137	0.0047 U	0.0058	0.0169
6-00205	60316	Eu-152	-0.0043 U	0.0208	0.053	60533	Eu-152	-0.0103 U	0.0173	0.0456
6-00205	60316	Eu-154	0.0173 U	0.0332	0.0991	60533	Eu-154	-0.0753 UJ	0.0341	0.0949
6-00205	60316	Eu-155	0.0579 J	0.0268	0.0766	60533	Eu-155	0.0841 J	0.0255	0.0685
6-00205	60316	Ho-166m	-0.0009 U	0.0085	0.0283	60533	Ho-166m	-0.0071 U	0.0081	0.026
6-00205	60316	K-40	20	1.23	0.134	60533	K-40	17.6	1.09	0.11
6-00205	60316	Na-22	-0.0155 UJ	0.0073	0.0203	60533	Na-22	-0.0131 U	0.0072	0.0208
6-00205	60316	Nb-94	0.0056 U	0.0052	0.0171	60533	Nb-94	-0.0006 U	0.0046	0.0153
6-00205	60316	Np-236	-0.0178 U	0.0132	0.0406	60533	Np-236	-0.0133 U	0.0119	0.037
6-00205	60316	Np-239	-0.0799 U	0.0464	0.142	60533	Np-239	0.0187 U	0.0389	0.131
6-00205	60316	Pa-231	-0.29 U	0.289	0.891	60533	Pa-231	0.168 U	0.248	0.826
6-00205	60316	Pb-212	1.65	0.101	0.0372	60533	Pb-212	1.41	0.0912	0.0333

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00205	60316	Pb-214	1.04	0.0517	0.0373	60533	Pb-214	0.904	0.0463	0.0335
6-00205	60316	Pu-236	-0.0063 U	0.0062	0.0318	60533	Pu-236	0.0038 UJ	0.0047	0.0187
6-00205	60316	Pu-238	0.0033 U	0.0088	0.0345	60533	Pu-238	-0.0041 UJ	0.004	0.0223
6-00205	60316	Pu-239/240	-0.0061 U	0.006	0.0308	60533	Pu-239/240	0.0016 UJ	0.0049	0.0223
6-00205	60316	Pu-244	0	0.0026	0.0071	60533	Pu-244	0.0028	0.0028	0.0077
6-00205	60316	Sb-125	0.0051 U	0.0146	0.0492	60533	Sb-125	-0.0038 U	0.0137	0.0447
6-00205	60316	Sn-126	0.0047 UJ	0.0057	0.0187	60533	Sn-126	0.0037 UJ	0.0054	0.018
6-00205	60316	Sr-90	-0.0038 U	0.0532	0.203	60533	Sr-90	-0.0615 U	0.0479	0.21
6-00205	60316	Th-228	1.52	0.139	0.0879	60533	Th-228	1.52	0.14	0.111
6-00205	60316	Th-229	0.056	0.0244	0.065	60533	Th-229	0.0141 U	0.0223	0.0847
6-00205	60316	Th-230	0.935	0.0981	0.0648	60533	Th-230	1.12	0.11	0.0518
6-00205	60316	Th-232	1.4	0.127	0.0189	60533	Th-232	1.21	0.116	0.019
6-00205	60316	Th-234	1.56 J	0.181	0.325	60533	Th-234	1.64 J	0.183	0.306
6-00205	60316	Tl-208	0.528	0.0301	0.0174	60533	Tl-208	0.455	0.0262	0.0163
6-00205	60316	Tm-171	-8.22 U	5.61	13.9	60533	Tm-171	-8.06 U	5.84	16.1
6-00205	60316	U-233/234	0.791	0.0877	0.0534	60533	U-233/234	0.938	0.0981	0.0409
6-00205	60316	U-235/236	0.0808	0.0249	0.0419	60533	U-235/236	0.0898	0.0249	0.0174
6-00205	60316	U-238	0.965	0.101	0.0339	60533	U-238	0.882	0.0934	0.0141
6-00205	60316	Y-90	-0.0038 U	0.0532	0.203	60533	Y-90	-0.0615 U	0.0479	0.21
6-00226	60346	Ac-227	-0.0309 U	0.0664	0.213	60531	Ac-227	-0.0309 UJ	0.0494	0.165
6-00226	60346	Ac-228	1.22	0.0615	0.107	60531	Ac-228	1.08	0.0539	0.0937
6-00226	60346	Ag-108m	0.0023 R	0.0056	0.0167	60531	Ag-108m	0.0034 R	0.0044	0.0131

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Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00226	60346	Am-241	-0.0105 U	0.0063	0.0318	60531	Am-241	0.0031 U	0.0041	0.0159
6-00226	60346	Ba-133	-0.0102 R	0.0079	0.0215	60531	Ba-133	0.0095 R	0.0063	0.0179
6-00226	60346	Bi-212	0.797	0.077	0.144	60531	Bi-212	0.857	0.0757	0.124
6-00226	60346	Bi-214	0.893	0.0445	0.0322	60531	Bi-214	0.836	0.0416	0.0255
6-00226	60346	Cd-113m	-15.2 U	44.5	143	60531	Cd-113m	-54 U	36.2	109
6-00226	60346	Cf-249	0.0541 R	0.0469	0.0926	60531	Cf-249	0.0264 R	0.0342	0.0731
6-00226	60346	Cm-243/244	-0.0096 U	0.0056	0.0295	60531	Cm-243/244	0.0026 U	0.0032	0.0129
6-00226	60346	Co-60	-0.0073 U	0.006	0.019	60531	Co-60	0 U	0.0052	0.0174
6-00226	60346	Cs-134	0.0035 U	0.0055	0.0164	60531	Cs-134	0.0079 SJ	0.0049	0.0139
6-00226	60346	Cs-137	0.0129	0.0061	0.0185	60531	Cs-137	0.0177	0.0057	0.016
6-00226	60346	Eu-152	-0.0242 U	0.0202	0.0525	60531	Eu-152	-0.009 U	0.0138	0.0417
6-00226	60346	Eu-154	-0.0822 UJ	0.0398	0.11	60531	Eu-154	-0.0479 U	0.0297	0.0915
6-00226	60346	Eu-155	0.0735 J	0.027	0.0789	60531	Eu-155	0.102 SJ	0.023	0.0584
6-00226	60346	Ho-166m	-0.0023 U	0.0085	0.0287	60531	Ho-166m	0.001 U	0.0072	0.0243
6-00226	60346	K-40	22.2	1.38	0.135	60531	K-40	19.5	1.21	0.119
6-00226	60346	Na-22	-0.0119 U	0.0076	0.0234	60531	Na-22	-0.0058 U	0.0062	0.0201
6-00226	60346	Nb-94	0.0019 U	0.0051	0.0173	60531	Nb-94	0.0011 U	0.0042	0.0141
6-00226	60346	Np-236	0.0186 U	0.0144	0.0431	60531	Np-236	-0.0086 U	0.0097	0.0314
6-00226	60346	Np-239	-0.0036 U	0.044	0.143	60531	Np-239	0.0193 U	0.0329	0.112
6-00226	60346	Pa-231	0.296 U	0.297	0.909	60531	Pa-231	0.102 U	0.205	0.691
6-00226	60346	Pb-212	1.4	0.0927	0.0384	60531	Pb-212	1.26	0.0768	0.0292
6-00226	60346	Pb-214	1.07	0.0554	0.0358	60531	Pb-214	0.906	0.0455	0.0294

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00226	60346	Pu-236	-0.0037 U	0.0037	0.0205	60531	Pu-236	-0.0005 UJ	0.0058	0.0276
6-00226	60346	Pu-238	-0.0018 U	0.0031	0.0158	60531	Pu-238	0.0062 UJ	0.0078	0.0293
6-00226	60346	Pu-239/240	-0.0008 U	0.0066	0.029	60531	Pu-239/240	-0.0013 UJ	0.0042	0.023
6-00226	60346	Pu-244	0	0.0025	0.0067	60531	Pu-244	-0.0021 UJ	0.0036	0.0186
6-00226	60346	Sb-125	0.0279 J	0.016	0.0502	60531	Sb-125	0.007 U	0.0124	0.0409
6-00226	60346	Sn-126	-0.0079 UJ	0.0059	0.0185	60531	Sn-126	0.0006 U	0.0046	0.0156
6-00226	60346	Sr-90	0.198	0.0898	0.272	60531	Sr-90	0.0139 U	0.101	0.381
6-00226	60346	Th-228	1.42	0.136	0.084	60531	Th-228	0.87	0.0947	0.0669
6-00226	60346	Th-229	0.0365	0.0243	0.0787	60531	Th-229	0.0204	0.0152	0.05
6-00226	60346	Th-230	0.933	0.099	0.0198	60531	Th-230	0.664	0.0777	0.0499
6-00226	60346	Th-232	1.18	0.116	0.0675	60531	Th-232	0.83	0.0893	0.0497
6-00226	60346	Th-234	1.57 J	0.407	0.43	60531	Th-234	1.44 J	0.155	0.249
6-00226	60346	Tl-208	0.415	0.0247	0.0185	60531	Tl-208	0.375	0.0226	0.0146
6-00226	60346	Tm-171	-0.512 U	6.23	21.3	60531	Tm-171	-5.42 U	4.48	13
6-00226	60346	U-233/234	1.07	0.116	0.0418	60531	U-233/234	0.679	0.0726	0.0418
6-00226	60346	U-235/236	0.0406	0.0184	0.022	60531	U-235/236	0.0581	0.0187	0.0328
6-00226	60346	U-238	0.959	0.107	0.0178	60531	U-238	0.728	0.0766	0.0487
6-00226	60346	Y-90	0.198	0.0898	0.272	60531	Y-90	0.0139 U	0.101	0.381
6-00229	60351	Ac-227	-0.071 U	0.0419	0.123	60535	Ac-227	0.0101 U	0.0429	0.142
6-00229	60351	Ac-228	0.633	0.0339	0.0803	60535	Ac-228	0.67	0.036	0.0739
6-00229	60351	Ag-108m	-0.0042 R	0.0041	0.0112	60535	Ag-108m	0.0011 R	0.0037	0.011
6-00229	60351	Am-241	0.0098	0.0068	0.0215	60535	Am-241	-0.0021 UJ	0.0035	0.0183

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00229	60351	Ba-133	0.004 R	0.0045	0.0135	60535	Ba-133	0.0071 R	0.0053	0.0147
6-00229	60351	Bi-212	0.41 J	0.0501	0.0987	60535	Bi-212	0.464 J	0.0484	0.094
6-00229	60351	Bi-214	0.578	0.0303	0.0213	60535	Bi-214	0.563	0.0285	0.0219
6-00229	60351	Cd-113m	-31.7 U	26.4	81.3	60535	Cd-113m	-20.4 U	30.9	92.3
6-00229	60351	Cf-249	-0.0128 R	0.0217	0.0546	60535	Cf-249	0.0337 R	0.0298	0.0609
6-00229	60351	Cm-243/244	0.0014 U	0.0047	0.0215	60535	Cm-243/244	0.0008 UJ	0.0036	0.0183
6-00229	60351	Co-60	-0.0029 U	0.0044	0.0148	60535	Co-60	0 U	0.0041	0.0137
6-00229	60351	Cs-134	-0.0029 UJ	0.0039	0.0108	60535	Cs-134	0.0046 U	0.0037	0.0106
6-00229	60351	Cs-137	0.0422	0.006	0.0127	60535	Cs-137	0.0384	0.0047	0.0125
6-00229	60351	Eu-152	-0.012 U	0.0104	0.0315	60535	Eu-152	-0.0197 U	0.0125	0.034
6-00229	60351	Eu-154	-0.0457 U	0.028	0.0836	60535	Eu-154	-0.0085 U	0.0228	0.0774
6-00229	60351	Eu-155	0.0412 JS	0.0148	0.0392	60535	Eu-155	0.0243 JS	0.0152	0.0485
6-00229	60351	Ho-166m	0.0038 UJ	0.0062	0.0214	60535	Ho-166m	0.002 U	0.0058	0.0193
6-00229	60351	K-40	19.8	1.08	0.1	60535	K-40	21.6	1.3	0.104
6-00229	60351	Na-22	-0.0046 U	0.0054	0.0178	60535	Na-22	-0.0016 U	0.0048	0.016
6-00229	60351	Nb-94	0.0067 JS	0.0037	0.0121	60535	Nb-94	0.0044 U	0.0035	0.0113
6-00229	60351	Np-236	-0.0041 U	0.0063	0.0213	60535	Np-236	0.0037 U	0.0077	0.0263
6-00229	60351	Np-239	-0.0445 U	0.027	0.0802	60535	Np-239	-0.0087 U	0.0281	0.0929
6-00229	60351	Pa-231	0.0802 U	0.16	0.52	60535	Pa-231	-0.415 UJ	0.205	0.574
6-00229	60351	Pb-212	0.693	0.0396	0.0204	60535	Pb-212	0.754	0.0475	0.0231
6-00229	60351	Pb-214	0.578	0.0292	0.0233	60535	Pb-214	0.615	0.0324	0.025
6-00229	60351	Pu-236	-0.0055 U	0.004	0.0229	60535	Pu-236	0.01	0.0058	0.0091

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00229	60351	Pu-238	0.0025	0.0025	0.0067	60535	Pu-238	0.0052 UJ	0.0066	0.0261
6-00229	60351	Pu-239/240	0.0021 U	0.0053	0.0225	60535	Pu-239/240	0.0066	0.0047	0.009
6-00229	60351	Pu-244	0	0.0025	0.0067	60535	Pu-244	-0.0024 UJ	0.0041	0.021
6-00229	60351	Sb-125	-0.0013 U	0.0089	0.0303	60535	Sb-125	-0.0125 U	0.0096	0.0306
6-00229	60351	Sn-126	0.001 U	0.0039	0.0137	60535	Sn-126	-0.0003 U	0.0036	0.012
6-00229	60351	Sr-90	0.124 U	0.072	0.23	60535	Sr-90	-0.0564 U	0.0612	0.25
6-00229	60351	Th-228	1.08	0.117	0.0233	60535	Th-228	0.836	0.0953	0.108
6-00229	60351	Th-229	0.0334	0.0237	0.0775	60535	Th-229	0.0352	0.0255	0.0847
6-00229	60351	Th-230	0.833	0.0984	0.0613	60535	Th-230	0.668	0.0794	0.0518
6-00229	60351	Th-232	0.839	0.098	0.0225	60535	Th-232	0.904	0.0954	0.019
6-00229	60351	Th-234	0.713	0.0711	0.157	60535	Th-234	1.03 J	0.113	0.204
6-00229	60351	Tl-208	0.209	0.0144	0.0122	60535	Tl-208	0.232	0.0145	0.0117
6-00229	60351	Tm-171	0.923 U	1.55	4.52	60535	Tm-171	-0.553 U	2.75	7.84
6-00229	60351	U-233/234	0.7	0.0838	0.0387	60535	U-233/234	0.633	0.0799	0.0675
6-00229	60351	U-235/236	0.0526	0.0203	0.0204	60535	U-235/236	0.0613	0.0221	0.0208
6-00229	60351	U-238	0.723	0.0855	0.0165	60535	U-238	0.589	0.0746	0.0168
6-00229	60351	Y-90	0.124 U	0.072	0.23	60535	Y-90	-0.0564 U	0.0612	0.25
6-00231	60355	Ac-227	-0.0744 U	0.0459	0.142	60524	Ac-227	-0.0166 U	0.0382	0.128
6-00231	60355	Ac-228	1.28	0.0593	0.0767	60524	Ac-228	1.22	0.0552	0.0681
6-00231	60355	Ag-108m	0.0047 R	0.0041	0.0118	60524	Ag-108m	0.0023 R	0.0036	0.0105
6-00231	60355	Am-241	0.0002 U	0.0043	0.0191	60524	Am-241	-0.0052 U	0.0038	0.0218
6-00231	60355	Ba-133	0.0057 R	0.0054	0.0154	60524	Ba-133	0.0033 R	0.0047	0.0135

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Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00231	60355	Bi-212	0.908	0.0673	0.107	60524	Bi-212	0.946	0.0648	0.094
6-00231	60355	Bi-214	1.07	0.0479	0.0232	60524	Bi-214	0.982	0.0435	0.0216
6-00231	60355	Cd-113m	2.67 U	28.3	95.8	60524	Cd-113m	-33.2 U	27.3	84.6
6-00231	60355	Cf-249	0.0435 R	0.0315	0.0648	60524	Cf-249	0.0115 R	0.0269	0.057
6-00231	60355	Cm-243/244	0.0096	0.0043	0.0052	60524	Cm-243/244	0.0026 U	0.0032	0.0128
6-00231	60355	Co-60	-0.0054 U	0.0047	0.0146	60524	Co-60	-0.0061 U	0.004	0.0123
6-00231	60355	Cs-134	0.0052 U	0.0041	0.0119	60524	Cs-134	0.0075 SJ	0.004	0.0111
6-00231	60355	Cs-137	0.0782	0.0073	0.0137	60524	Cs-137	0.0836	0.0071	0.0132
6-00231	60355	Eu-152	-0.0093 U	0.0125	0.0355	60524	Eu-152	-0.0059 U	0.011	0.0316
6-00231	60355	Eu-154	-0.0947 UJ	0.0331	0.0787	60524	Eu-154	-0.0182 U	0.0213	0.071
6-00231	60355	Eu-155	0.0875 SJ	0.0198	0.0494	60524	Eu-155	0.0788 SJ	0.0173	0.0447
6-00231	60355	Ho-166m	-0.0077 U	0.0066	0.0211	60524	Ho-166m	0.0096 SJ	0.0061	0.0193
6-00231	60355	K-40	22.8	1.38	0.0988	60524	K-40	21.8	1.17	0.0934
6-00231	60355	Na-22	0 U	0.006	0.0171	60524	Na-22	0.0025 U	0.0052	0.015
6-00231	60355	Nb-94	0.005 U	0.0037	0.0121	60524	Nb-94	0.0053 U	0.0034	0.0109
6-00231	60355	Np-236	-0.015 U	0.009	0.0269	60524	Np-236	-0.0031 U	0.0074	0.0241
6-00231	60355	Np-239	0.0013 U	0.0277	0.0945	60524	Np-239	-0.0312 U	0.026	0.084
6-00231	60355	Pa-231	-0.276 U	0.187	0.582	60524	Pa-231	0.0695 U	0.16	0.537
6-00231	60355	Pb-212	1.49	0.0884	0.0248	60524	Pb-212	1.38	0.0786	0.0224
6-00231	60355	Pb-214	1.17	0.0543	0.0255	60524	Pb-214	1.05	0.0479	0.023
6-00231	60355	Pu-236	-0.0087 U	0.0058	0.0303	60524	Pu-236	-0.0032 U	0.0067	0.0295
6-00231	60355	Pu-238	0.0002 U	0.0081	0.0325	60524	Pu-238	-0.0039 U	0.007	0.0302

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Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00231	60355	Pu-239/240	-0.0003 U	0.0041	0.0198	60524	Pu-239/240	-0.0033 U	0.0044	0.0221
6-00231	60355	Pu-244	0.005	0.0041	0.0139	60524	Pu-244	0.0154 J	0.0065	0.016
6-00231	60355	Sb-125	0.0033 U	0.0104	0.0341	60524	Sb-125	-0.0094 U	0.0099	0.0314
6-00231	60355	Sn-126	0.0075 J	0.0043	0.0136	60524	Sn-126	-0.0019 U	0.0036	0.0121
6-00231	60355	Sr-90	0.12 U	0.0758	0.246	60524	Sr-90	0.0824 U	0.0727	0.244
6-00231	60355	Th-228	1.33	0.118	0.0968	60524	Th-228	1.59	0.135	0.06
6-00231	60355	Th-229	0.0432	0.0188	0.0501	60524	Th-229	0.072	0.0258	0.0646
6-00231	60355	Th-230	1.01	0.0937	0.058	60524	Th-230	0.772	0.0818	0.0644
6-00231	60355	Th-232	1.22	0.106	0.0395	60524	Th-232	1.28	0.113	0.0162
6-00231	60355	Th-234	1.75	0.146	0.218	60524	Th-234	1.49	0.119	0.193
6-00231	60355	Tl-208	0.445	0.0242	0.0137	60524	Tl-208	0.436	0.0236	0.012
6-00231	60355	Tm-171	5.73 J	3.92	11.3	60524	Tm-171	-3.92 UJ	2.81	7.9
6-00231	60355	U-233/234	0.911	0.11	0.0813	60524	U-233/234	0.739	0.07	0.0439
6-00231	60355	U-235/236	0.0649	0.0276	0.0629	60524	U-235/236	0.0505	0.0149	0.0266
6-00231	60355	U-238	1.06	0.121	0.0419	60524	U-238	0.82	0.0756	0.0383
6-00231	60355	Y-90	0.12 U	0.0758	0.246	60524	Y-90	0.0824 U	0.0727	0.244
6-00231	60388	Ac-227	-0.0642 U	0.0563	0.177	60532	Ac-227	0.0404 U	0.0549	0.185
6-00360	60388	Ac-228	1.3	0.0627	0.0907	60532	Ac-228	1.1	0.0555	0.092
6-00249	60388	Ag-108m	0.0022 R	0.0048	0.0139	60532	Ag-108m	0.007 R	0.005	0.014
6-00249	60388	Am-241	-0.005 U	0.0047	0.0267	60532	Am-241	0.0016 U	0.0037	0.0184
6-00249	60388	Ba-133	0.0117 R	0.0068	0.0184	60532	Ba-133	0.002 R	0.0067	0.0196
6-00249	60388	Bi-212	0.858	0.0783	0.114	60532	Bi-212	0.757	0.068	0.118

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00249	60388	Bi-214	0.952	0.0447	0.0271	60532	Bi-214	0.87	0.0422	0.0273
6-00249	60388	Cd-113m	-8.54 U	39.6	120	60532	Cd-113m	-15 U	40.5	124
6-00249	60388	Cf-249	0.0121 R	0.0371	0.0759	60532	Cf-249	0.0085 R	0.0403	0.0798
6-00249	60388	Cm-243/244	0.0003 U	0.006	0.0268	60532	Cm-243/244	0.0033	0.0033	0.009
6-00249	60388	Co-60	0.0022 U	0.0049	0.0167	60532	Co-60	0.0035 U	0.0049	0.0168
6-00249	60388	Cs-134	0.0029 U	0.0047	0.0137	60532	Cs-134	0.0044 U	0.0049	0.0141
6-00249	60388	Cs-137	0.024	0.0068	0.0167	60532	Cs-137	0.0018 U	0.0051	0.017
6-00249	60388	Eu-152	-0.0237 UJ	0.0177	0.0431	60532	Eu-152	-0.0084 U	0.0194	0.0442
6-00249	60388	Eu-154	-0.0284 U	0.0271	0.0882	60532	Eu-154	0.0055 U	0.0282	0.0967
6-00249	60388	Eu-155	0.0652 JS	0.0216	0.0607	60532	Eu-155	0.0392 SJ	0.0228	0.0668
6-00249	60388	Ho-166m	-0.0011 U	0.0075	0.0248	60532	Ho-166m	-0.0083 U	0.0077	0.0241
6-00249	60388	K-40	22.4	1.34	0.117	60532	K-40	20.8	1.27	0.117
6-00249	60388	Na-22	-0.0117 U	0.0074	0.0188	60532	Na-22	-0.0044 U	0.0062	0.0203
6-00249	60388	Nb-94	0.0054 U	0.0045	0.0146	60532	Nb-94	0.0009 U	0.0043	0.0143
6-00249	60388	Np-236	-0.013 U	0.0104	0.0334	60532	Np-236	0.0041 U	0.011	0.0359
6-00249	60388	Np-239	-0.0105 U	0.036	0.119	60532	Np-239	-0.0257 U	0.0375	0.125
6-00249	60388	Pa-231	-0.17 U	0.226	0.726	60532	Pa-231	-0.314 U	0.254	0.769
6-00249	60388	Pb-212	1.4	0.086	0.0307	60532	Pb-212	1.22	0.0753	0.0316
6-00249	60388	Pb-214	1.09	0.054	0.0309	60532	Pb-214	0.9	0.045	0.0326
6-00249	60388	Pu-236	0.0066	0.0038	0.0059	60532	Pu-236	-0.0048 U	0.0064	0.0324
6-00249	60388	Pu-238	0.0042	0.003	0.0057	60532	Pu-238	-0.0021 U	0.0035	0.0182
6-00249	60388	Pu-239/240	0.0054 U	0.0047	0.0166	60532	Pu-239/240	-0.0066 U	0.0065	0.0334

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00249	60388	Pu-244	0.0042	0.003	0.0057	60532	Pu-244	0.0008 U	0.0035	0.0182
6-00249	60388	Sb-125	0.0149 U	0.0124	0.0412	60532	Sb-125	0.0051 U	0.0126	0.0423
6-00249	60388	Sn-126	-0.0006 U	0.0047	0.0158	60532	Sn-126	-0.0036 U	0.0049	0.0157
6-00249	60388	Sr-90	-0.0346 U	0.0555	0.224	60532	Sr-90	0.0252 U	0.0839	0.308
6-00249	60388	Th-228	1.39	0.133	0.0896	60532	Th-228	1.49	0.148	0.146
6-00249	60388	Th-229	-0.0213 U	0.0213	0.1	60532	Th-228	1.24	0.132	0.124
6-00249	60388	Th-230	0.907	0.097	0.0522	60532	Th-229	0.0392	0.0236	0.0728
6-00249	60388	Th-232	1.36	0.128	0.052	60532	Th-229	0.0247	0.0143	0.0223
6-00249	60388	Th-234	1.49	0.135	0.261	60532	Th-230	1.02	0.109	0.0212
6-00249	60388	Tl-208	0.399	0.0231	0.0157	60532	Th-230	1.04	0.113	0.0605
6-00249	60388	Tm-171	-4.57 U	3.89	10.6	60532	Th-232	1.13	0.119	0.0603
6-00249	60388	U-233/234	1	0.108	0.0582	60532	Th-232	1.3	0.128	0.0574
6-00249	60388	U-235/236	0.0451	0.02	0.0457	60532	Th-234	1.21 J	0.137	0.277
6-00249	60388	U-238	0.994	0.106	0.037	60532	Tl-208	0.368	0.0215	0.0159
6-00249	60388	Y-90	-0.0346 U	0.0555	0.224	60532	Tm-171	0.587 U	4.52	12.2
6-00268	60412	Ac-227	-0.0727 U	0.0638	0.203	60536	Ac-227	-0.0042 U	0.0475	0.159
6-00268	60412	Ac-228	1.31	0.0657	0.0925	60536	Ac-228	1.13	0.0549	0.076
6-00268	60412	Ag-108m	-0.0006 R	0.0051	0.0151	60536	Ag-108m	-0.0001 R	0.0039	0.0117
6-00268	60412	Am-241	0.019	0.0078	0.0086	60536	Am-241	0.0028 U	0.0034	0.0137
6-00268	60412	Ba-133	0.0604 R	0.0163	0.0247	60536	Ba-133	0.0022 R	0.0055	0.0161
6-00268	60412	Bi-212	0.966	0.0798	0.123	60536	Bi-212	0.839	0.0694	0.0961
6-00268	60412	Bi-214	0.984	0.0458	0.0293	60536	Bi-214	0.91	0.0436	0.0231

Table A.3
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00268	60412	Cd-113m	-162 UJ	59.6	132	60536	Cd-113m	-44.4 U	34.6	105
6-00268	60412	Cf-249	0.0702 R	0.0464	0.0867	60536	Cf-249	0.0304 R	0.029	0.0705
6-00268	60412	Cm-243/244	0.0041 UJ	0.0051	0.0203	60536	Cm-243/244	0.0018 U	0.0046	0.0195
6-00268	60412	Co-60	-0.0029 U	0.005	0.0169	60536	Co-60	0.0001 U	0.0041	0.0137
6-00268	60412	Cs-134	0.0099 JS	0.0053	0.0146	60536	Cs-134	0.001 U	0.0037	0.0112
6-00268	60412	Cs-137	0.0232 J	0.0075	0.0183	60536	Cs-137	0.0151	0.0053	0.0135
6-00268	60412	Eu-152	-0.0351 U	0.0201	0.0477	60536	Eu-152	-0.0116 U	0.0133	0.0373
6-00268	60412	Eu-154	-0.0017 U	0.0281	0.0941	60536	Eu-154	-0.0414 U	0.0258	0.0779
6-00268	60412	Eu-155	0.0781 JS	0.0259	0.0721	60536	Eu-155	0.0771 JS	0.0229	0.0562
6-00268	60412	Ho-166m	-0.0013 U	0.0075	0.0255	60536	Ho-166m	-0.0103 U	0.0066	0.0203
6-00268	60412	K-40	22.4	1.46	0.128	60536	K-40	20.2	1.17	0.1
6-00268	60412	Na-22	-0.007 U	0.0059	0.0191	60536	Na-22	-0.0002 U	0.0055	0.0159
6-00268	60412	Nb-94	0.0036 U	0.0044	0.0149	60536	Nb-94	-0.001 U	0.0036	0.0122
6-00268	60412	Np-236	-0.0119 U	0.014	0.0404	60536	Np-236	-0.0139 U	0.0098	0.0312
6-00268	60412	Np-239	-0.021 U	0.0423	0.14	60536	Np-239	-0.0876 UJ	0.0381	0.105
6-00268	60412	Pa-231	-0.0465 U	0.293	0.845	60536	Pa-231	-0.259 U	0.208	0.654
6-00268	60412	Pb-212	1.45	0.0962	0.0335	60536	Pb-212	1.16	0.0743	0.0264
6-00268	60412	Pb-214	1.11	0.0554	0.0357	60536	Pb-214	0.99	0.0498	0.0269
6-00268	60412	Pu-236	0.0059 U	0.0074	0.028	60536	Pu-236	-0.0086 U	0.0067	0.035
6-00268	60412	Pu-238	-0.0006 U	0.0096	0.0393	60536	Pu-238	0.0042 U	0.0099	0.0382
6-00268	60412	Pu-239/240	0.0055	0.0039	0.0075	60536	Pu-239/240	0.0064	0.0052	0.0178
6-00268	60412	Pu-244	0	0.0028	0.0075	60536	Pu-244	0.0111	0.0056	0.0076

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00268	60412	Sb-125	0.0476 JS	0.0172	0.0449	60536	Sb-125	0.0045 U	0.0102	0.0337
6-00268	60412	Sn-126	-0.0071 U	0.0051	0.0161	60536	Sn-126	0 U	0.0041	0.014
6-00268	60412	Sr-90	0.0572 U	0.0527	0.18	60536	Sr-90	0.0586 U	0.0514	0.175
6-00268	60412	Th-228	1.31	0.121	0.0501	60536	Th-228	1.36	0.126	0.0745
6-00268	60412	Th-229	0.0802 U	0.0576	0.191	60536	Th-229	0.0339	0.0226	0.0731
6-00268	60412	Th-230	0.946	0.0966	0.0491	60536	Th-230	1.24	0.116	0.0498
6-00268	60412	Th-232	1.36	0.123	0.0489	60536	Th-232	1.26	0.117	0.0183
6-00268	60412	Th-234	1.42 J	0.163	0.347	60536	Th-234	1.38	0.135	0.248
6-00268	60412	Tl-208	0.431	0.0243	0.0156	60536	Tl-208	0.366	0.0211	0.0134
6-00268	60412	Tm-171	-13.4 UJ	6.47	15.6	60536	Tm-171	-6.28 U	3.73	9.66
6-00268	60412	U-233/234	1.08	0.116	0.0723	60536	U-233/234	1.08	0.113	0.0567
6-00268	60412	U-235/236	0.102	0.0301	0.0488	60536	U-235/236	0.0458	0.0213	0.0551
6-00268	60412	U-238	1.25	0.129	0.0394	60536	U-238	0.918	0.0998	0.0616
6-00268	60412	Y-90	0.0572 U	0.0527	0.18	60536	Y-90	0.0586 U	0.0514	0.175
6-00278	60422	Ac-227	-0.0039 U	0.0611	0.205	60512	Ac-227	0.0217 U	0.0605	0.197
6-00278	60422	Ac-228	1.15	0.0599	0.0936	60512	Ac-228	1.15	0.0575	0.0926
6-00278	60422	Ag-108m	0.0005 R	0.0052	0.0152	60512	Ag-108m	-0.0004 R	0.0049	0.0143
6-00278	60422	Am-241	0.0002 U	0.0045	0.0198	60512	Am-241	0.0002 U	0.0046	0.0203
6-00278	60422	Ba-133	0.0415 R	0.0127	0.0246	60512	Ba-133	0.0081 R	0.007	0.0203
6-00278	60422	Bi-212	0.849	0.0817	0.139	60512	Bi-212	0.798	0.0785	0.129
6-00278	60422	Bi-214	0.78	0.0386	0.0288	60512	Bi-214	0.796	0.0381	0.0291
6-00278	60422	C-14	0.0361 U	0.205	0.689	60512	C-14	-0.143 U	0.205	0.697

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00278	60422	Cd-113m	-104 UJ	50.6	135	60512	Cd-113m	33.9 U	44.7	134
6-00278	60422	Cf-249	-0.0313 R	0.0462	0.0853	60512	Cf-249	0.0279 R	0.0413	0.0834
6-00278	60422	Cm-243/244	0.0017 U	0.0043	0.0181	60512	Cm-243/244	0.0082	0.0041	0.0056
6-00278	60422	Co-60	0.006 U	0.0053	0.0181	60512	Co-60	-0.0007 U	0.0049	0.0166
6-00278	60422	Cs-134	-0.006 U	0.0053	0.0148	60512	Cs-134	0.0084 JS	0.0054	0.0152
6-00278	60422	Cs-137	0.405	0.0237	0.0172	60512	Cs-137	0.355	0.0213	0.0172
6-00278	60422	Eu-152	-0.005 U	0.0223	0.0499	60512	Eu-152	-0.0093 U	0.0205	0.0475
6-00278	60422	Eu-154	0.038 U	0.0332	0.0955	60512	Eu-154	-0.016 U	0.0265	0.0892
6-00278	60422	Eu-155	0.0568 JS	0.0275	0.0782	60512	Eu-155	0.031 U	0.023	0.0735
6-00278	60422	H-3	-1.46 U	2.26	8.57	60512	H-3	-1.76 U	2.15	8.24
6-00278	60422	Ho-166m	-0.0047 U	0.0076	0.0253	60512	Ho-166m	0.0038 U	0.0073	0.0243
6-00278	60422	I-129	-0.0389 U	0.104	0.359	60512	I-129	0.0348 U	0.055	0.208
6-00278	60422	K-40	21	1.38	0.121	60512	K-40	21.2	1.29	0.136
6-00278	60422	Na-22	-0.0013 U	0.0062	0.0213	60512	Na-22	-0.0014 U	0.006	0.0202
6-00278	60422	Nb-94	0.0086 JS	0.0047	0.015	60512	Nb-94	0.0114 JS	0.005	0.0146
6-00278	60422	Ni-59	3.48 J	1.54	6.02	60512	Ni-59	-1.11 U	1.25	4.45
6-00278	60422	Ni-63	-0.0122 U	0.0171	0.0579	60512	Ni-63	0.0025 U	0.0209	0.0699
6-00278	60422	Np-236	-0.0142 U	0.0123	0.0399	60512	Np-236	0.0064 U	0.0114	0.038
6-00278	60422	Np-239	-0.0058 U	0.0411	0.138	60512	Np-239	0.0066 U	0.0405	0.133
6-00278	60422	Pa-231	-0.0581 U	0.293	0.844	60512	Pa-231	0.116 U	0.273	0.818
6-00278	60422	Pb-212	1.39	0.0933	0.0366	60512	Pb-212	1.46	0.0894	0.0358
6-00278	60422	Pb-214	0.893	0.0469	0.0346	60512	Pb-214	0.932	0.0457	0.0336

Table A.3
Parent and Field Duplicate Results Summary
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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00278	60422	Pu-236	-0.0103 U	0.0054	0.0312	60512	Pu-236	0.0032 U	0.0069	0.0282
6-00278	60422	Pu-238	-0.0062 U	0.006	0.0311	60512	Pu-238	0.0056 U	0.007	0.0262
6-00278	60422	Pu-239/240	0.0095	0.0066	0.021	60512	Pu-239/240	0.0041 U	0.0053	0.0206
6-00278	60422	Pu-244	0	0.0027	0.0072	60512	Pu-244	0.0104	0.0053	0.0071
6-00278	60422	Sb-125	-0.0039 U	0.0148	0.0487	60512	Sb-125	-0.0114 U	0.0143	0.0471
6-00278	60422	Sn-126	-0.0047 U	0.005	0.0162	60512	Sn-126	0.01 J	0.0053	0.0163
6-00278	60422	Sr-90	0.38	0.136	0.398	60512	Sr-90	0.253 U	0.134	0.426
6-00278	60422	Tc-99	0.294 U	0.293	0.968	60512	Tc-99	0.0385 U	0.326	1.09
6-00278	60422	Th-228	1.22 J	0.152	0.14	60512	Th-228	1.42	0.132	0.0874
6-00278	60422	Th-229	0.0807	0.035	0.0848	60512	Th-229	0.0323	0.0146	0.0175
6-00278	60422	Th-230	0.632	0.0948	0.0312	60512	Th-230	0.857	0.0897	0.0475
6-00278	60422	Th-232	1.1	0.133	0.0311	60512	Th-232	1.21	0.113	0.0174
6-00278	60422	Th-234	1.64 J	0.424	0.396	60512	Th-234	1.33 J	0.148	0.31
6-00278	60422	Tl-208	0.42	0.0241	0.0176	60512	Tl-208	0.415	0.0238	0.0169
6-00278	60422	Tm-171	-12.7 UJ	6.01	16.6	60512	Tm-171	0.467 U	5.21	15.6
6-00278	60422	U-233/234	0.868	0.0941	0.0539	60512	U-233/234	0.898	0.0956	0.0522
6-00278	60422	U-235/236	0.0863	0.0248	0.018	60512	U-235/236	0.0597	0.0213	0.041
6-00278	60422	U-238	1.01	0.105	0.0424	60512	U-238	0.902	0.0954	0.0332
6-00278	60422	Y-90	0.38	0.136	0.398	60512	Y-90	0.253 U	0.134	0.426
6-00299	60465	Ac-227	0.0748 U	0.0642	0.209	60517	Ac-227	-0.0642 U	0.0549	0.176
6-00299	60465	Ac-228	1.26	0.0637	0.0913	60517	Ac-228	1.15	0.056	0.103
6-00299	60465	Ag-108m	-0.0007 R	0.0051	0.0151	60517	Ag-108m	0.0036 R	0.005	0.0151

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00299	60465	Am-241	0.0014 U	0.0032	0.0158	60517	Am-241	0.0054	0.0038	0.0072
6-00299	60465	Ba-133	0.0677 R	0.0178	0.0253	60517	Ba-133	0.0093 R	0.007	0.0201
6-00299	60465	Bi-212	0.835	0.0692	0.131	60517	Bi-212	0.836	0.074	0.143
6-00299	60465	Bi-214	0.933	0.0447	0.0286	60517	Bi-214	0.829	0.0416	0.0298
6-00299	60465	C-14	-0.0649 U	0.255	0.867	60517	C-14	0.246 U	0.269	0.897
6-00299	60465	Cd-113m	-77.5 U	48	137	60517	Cd-113m	-16.9 U	34.8	116
6-00299	60465	Cf-249	0.0805 R	0.0487	0.0904	60517	Cf-249	0.0032 R	0.0381	0.0806
6-00299	60465	Cm-243/244	-0.0001 U	0.0049	0.024	60517	Cm-243/244	0.0027	0.0027	0.0073
6-00299	60465	Co-60	0.0082 U	0.0054	0.0182	60517	Co-60	0.0003 U	0.0054	0.0186
6-00299	60465	Cs-134	0.007 U	0.0052	0.0149	60517	Cs-134	-0.0016 U	0.0051	0.0151
6-00299	60465	Cs-137	0.0799	0.0092	0.0179	60517	Cs-137	0.101	0.0097	0.0174
6-00299	60465	Eu-152	-0.0035 U	0.0181	0.0488	60517	Eu-152	0.0022 U	0.0151	0.0444
6-00299	60465	Eu-154	0.12 J	0.0435	0.104	60517	Eu-154	-0.0593 U	0.0353	0.103
6-00299	60465	Eu-155	0.0688 SJ	0.0285	0.0767	60517	Eu-155	0.0752 SJ	0.0216	0.0568
6-00299	60465	H-3	2.68 U	2.28	7.74	60517	H-3	2.75 U	2.81	9.74
6-00299	60465	Ho-166m	-0.0238 UJ	0.0096	0.025	60517	Ho-166m	-0.0035 U	0.0082	0.0274
6-00299	60465	I-129	0.0253 U	0.0616	0.231	60517	I-129	-0.024 U	0.0821	0.369
6-00299	60465	K-40	20.6	1.36	0.129	60517	K-40	18.4	1.05	0.153
6-00299	60465	Na-22	-0.0035 U	0.0061	0.0207	60517	Na-22	-0.0061 U	0.0064	0.021
6-00299	60465	Nb-94	0.0009 U	0.0046	0.0156	60517	Nb-94	-0.0016 U	0.0046	0.0155
6-00299	60465	Ni-59	0.855 UJ	1.12	4.27	60517	Ni-59	-0.278 UJ	1.26	4.82
6-00299	60465	Ni-63	0.984	0.408	1.29	60517	Ni-63	0.348 U	0.328	1.08

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Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00299	60465	Np-236	-0.0093 U	0.0121	0.0405	60517	Np-236	-0.0184 U	0.0106	0.0312
6-00299	60465	Np-239	-0.0552 U	0.043	0.136	60517	Np-239	0.0293 U	0.0353	0.119
6-00299	60465	Pa-231	0.329 U	0.306	0.868	60517	Pa-231	-0.0308 U	0.219	0.737
6-00299	60465	Pb-212	1.42	0.0948	0.0342	60517	Pb-212	1.25	0.0732	0.0295
6-00299	60465	Pb-214	1.04	0.0528	0.0351	60517	Pb-214	0.861	0.0419	0.0339
6-00299	60465	Pu-236	-0.0018 U	0.0031	0.0159	60517	Pu-236	-0.0017 U	0.0029	0.0149
6-00299	60465	Pu-238	0.0007 U	0.003	0.0154	60517	Pu-238	0.0013 U	0.004	0.0179
6-00299	60465	Pu-239/240	0.0062 U	0.0054	0.019	60517	Pu-239/240	0.0013 U	0.0039	0.0178
6-00299	60465	Pu-244	0.0031 U	0.0038	0.0154	60517	Pu-244	0.0006 U	0.0028	0.0144
6-00299	60465	Sb-125	0.0047 U	0.0139	0.0461	60517	Sb-125	0.0103 U	0.0134	0.044
6-00299	60465	Sn-126	-0.0026 U	0.0051	0.0172	60517	Sn-126	-0.0005 U	0.0052	0.0178
6-00299	60465	Sr-90	0.161 U	0.099	0.32	60517	Sr-90	-0.075 U	0.0611	0.258
6-00299	60465	Tc-99	0.101 U	0.248	0.857	60517	Tc-99	0.166 U	0.251	0.857
6-00299	60465	Th-228	1.37	0.129	0.0767	60517	Th-228	1.46	0.141	0.136
6-00299	60465	Th-229	0.0204 U	0.018	0.063	60517	Th-229	0.0224	0.0167	0.0549
6-00299	60465	Th-230	0.921	0.0968	0.0629	60517	Th-230	0.998	0.104	0.0202
6-00299	60465	Th-232	1.07	0.106	0.0183	60517	Th-232	1.34	0.127	0.0546
6-00299	60465	Th-234	1.73 J	0.188	0.321	60517	Th-234	1.57	0.151	0.246
6-00299	60465	Tl-208	0.413	0.0236	0.0167	60517	Tl-208	0.4	0.0245	0.0164
6-00299	60465	Tm-171	-6.02 U	6.36	16.2	60517	Tm-171	-5.67 U	3.8	10.4
6-00299	60465	U-233/234	0.99	0.103	0.0671	60517	U-233/234	1.01	0.101	0.055
6-00299	60465	U-235/236	0.0508	0.0183	0.0172	60517	U-235/236	0.0656	0.0211	0.0371
6-00299	60465	U-238	1.16	0.115	0.0405	60517	U-238	0.94	0.0957	0.0426

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00299	60465	Y-90	0.161 U	0.099	0.32	60517	Y-90	-0.075 U	0.0611	0.258
6-00284	60545	Ac-227	-0.0723 U	0.0713	0.232	60521	Ac-227	-0.0423 U	0.0574	0.19
6-00284	60545	Ac-228	1.12	0.0604	0.14	60521	Ac-228	1.07	0.0543	0.0951
6-00284	60545	Ag-108m	-0.0048 R	0.00639	0.0185	60521	Ag-108m	0.00713 R	0.00537	0.0157
6-00284	60545	Am-241	0.00319 U	0.00411	0.0161	60521	Am-241	0.0029 U	0.00571	0.0226
6-00284	60545	Ba-133	-0.00152 R	0.00842	0.0246	60521	Ba-133	0.00937 R	0.00708	0.0202
6-00284	60545	Bi-212	0.997 J	0.263	0.272	60521	Bi-212	0.809 J	0.203	0.212
6-00284	60545	Bi-214	0.933	0.0506	0.0394	60521	Bi-214	0.888	0.0442	0.0312
6-00284	60545	C-14	0.0274 U	0.222	0.743	60521	C-14	-0.063 U	0.207	0.697
6-00284	60545	Cd-113m	11.4 U	45.6	155	60521	Cd-113m	-56.7 U	40.8	128
6-00284	60545	Cf-249	-0.0176 R	0.0506	0.106	60521	Cf-249	0.0274 R	0.0417	0.0888
6-00284	60545	Cm-243/Cm-	0.00818	0.00411	0.00554	60521	Cm-243/Cm-244	0.00589 U	0.00532	0.0188
6-00284	60545	Co-60	-0.00936 U	0.00774	0.0247	60521	Co-60	0.0109 J	0.00601	0.0196
6-00284	60545	Cs-134	0.00096 U	0.00689	0.0207	60521	Cs-134	-0.00197 U	0.00522	0.0153
6-00284	60545	Cs-137	0.00673 U	0.0079	0.0237	60521	Cs-137	-0.0163 UJ	0.0065	0.0168
6-00284	60545	Eu-152	-0.013 U	0.0204	0.0587	60521	Eu-152	-0.0157 U	0.0167	0.0467
6-00284	60545	Eu-154	-0.0445 U	0.0435	0.137	60521	Eu-154	-0.00606 U	0.0312	0.108
6-00284	60545	Eu-155	0.0891 JS	0.0313	0.078	60521	Eu-155	0.063 JS	0.0256	0.0702
6-00284	60545	H-3	-2.16 U	2.79	9.52	60521	H-3	4.11 U	2.92	9.64
6-00284	60545	Ho-166m	-0.0197 U	0.0118	0.0356	60521	Ho-166m	0.002 U	0.00836	0.0284
6-00284	60545	I-129	-0.044 U	0.0564	0.228	60521	I-129	-0.0632 U	0.051	0.171
6-00284	60545	K-40	20.5	1.18	0.196	60521	K-40	20.4	1.23	0.149

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00284	60545	Na-22	-0.00701 U	0.00911	0.028	60521	Na-22	0.000598 U	0.00639	0.0218
6-00284	60545	Nb-94	-0.00543 U	0.00629	0.0207	60521	Nb-94	0.00354 U	0.0046	0.0156
6-00284	60545	Ni-59	-0.514 UJ	1.24	4.33	60521	Ni-59	1.45 UJ	1.17	4.27
6-00284	60545	Ni-63	0.189 U	0.301	0.999	60521	Ni-63	-0.0471 U	0.322	1.08
6-00284	60545	Np-236	-0.0119 U	0.013	0.0411	60521	Np-236	0.000149 U	0.0111	0.0364
6-00284	60545	Np-239	0.0645 U	0.0473	0.155	60521	Np-239	0.0584 U	0.0403	0.13
6-00284	60545	Pa-231	-0.134 U	0.315	0.975	60521	Pa-231	-0.32 U	0.25	0.788
6-00284	60545	Pb-212	1.24	0.0741	0.039	60521	Pb-212	1.12	0.0759	0.0325
6-00284	60545	Pb-214	1.07	0.0533	0.0417	60521	Pb-214	0.997	0.0533	0.0338
6-00284	60545	Pu-238	0.00406	0.00288	0.0055	60521	Pu-238	0.00209	0.0021	0.00567
6-00284	60545	Pu-239/Pu-	0.0101	0.00457	0.0055	60521	Pu-239/Pu-240	0.00268 U	0.00332	0.0133
6-00284	60545	Pu-244	0.00609	0.00353	0.0055	60521	Pu-244	0.00628	0.00364	0.00567
6-00284	60545	Sb-125	0.0112 U	0.0177	0.0587	60521	Sb-125	0.00212 U	0.0135	0.0446
6-00284	60545	Sn-126	0.00216 U	0.00694	0.0239	60521	Sn-126	0.00525 U	0.00524	0.0177
6-00284	60545	Sr-90	-0.031 U	0.05	0.187	60521	Sr-90	-0.0208 U	0.0509	0.187
6-00284	60545	Tc-99	-0.0719 U	0.34	1.17	60521	Tc-99	-0.509 U	0.305	1.08
6-00284	60545	Th-228	0.98	0.114	0.151	60521	Th-228	1.2	0.139	0.186
6-00284	60545	Th-229	0.0316 U	0.0251	0.0851	60521	Th-229	-0.0442 UJ	0.0343	0.154
6-00284	60545	Th-230	0.717	0.0898	0.0947	60521	Th-230	0.935	0.112	0.095
6-00284	60545	Th-232	1.23	0.124	0.0579	60521	Th-232	1.43	0.148	0.0947
6-00284	60545	Th-234	1.55 J	0.4	0.383	60521	Th-234	1.43 J	0.158	0.301
6-00284	60545	Tl-208	0.405	0.0266	0.0217	60521	Tl-208	0.347	0.0217	0.0168

Table A.3
Parent and Field Duplicate Results Summary
Subarea 6, Round 1

Sample Location	Parent Sample					Field Duplicate Sample				
	Sample ID	Analyte Name	Activity	MDC	TPU	Sample ID	Analyte Name	Activity	MDC	TPU
6-00284	60545	Tm-171	-5.82 U	4.38	13.7	60521	Tm-171	-8.23 U	5.38	14.8
6-00284	60545	U-233/U-234	0.851	0.0909	0.0141	60521	U-233/U-234	0.85	0.0912	0.0409
6-00284	60545	U-235/U-236	0.0645	0.0209	0.0175	60521	U-235/U-236	0.0385	0.016	0.0174
6-00284	60545	U-238	0.962	0.0999	0.0411	60521	U-238	0.944	0.0981	0.0141
6-00284	60545	Y-90	-0.031 U	0.05	0.187	60521	Y-90	-0.0208 U	0.0509	0.187

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.

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.

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0195	--	--	--	0.0454	0.0726	0.0248	0.00991	0.0269	0.00993	0.00673	0.0726	0.0171
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0197	-16.1	335	85.7	-0.0397	0.179	0.0338	0.0243	0.121	0.0302	-0.0356	0.179	0.0347
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0199	106	411	123	-0.0312	0.2	0.0429	-0.0136	0.12	0.0233	0.00428	0.0974	0.0189
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0201	-53.7	405	116	-0.0258	0.031	0.031	0.0209	0.026	0.104	0.0545	0.133	0.04
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0203	-15.5	409	118	-0.0537	0.167	0.029	0.0177	0.0479	0.0177	0.0366	0.113	0.113
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0205	-7.61	402	116	-0.0329	0.162	0.0283	-0.00878	0.157	0.0285	0.00452	0.103	0.0199
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0207	--	--	--	-0.0308	0.091	0.0176	0.0176	0.0478	0.0177	0.0326	0.091	0.0269
Source	S0148	103	353	106	-0.0109	0.0848	0.0182	0.00845	0.0229	0.00847	0.00684	0.0185	0.00685
Rinsate	R0209	--	--	--	0.0206	0.0375	0.017	0.0171	0.0464	0.0172	0.0277	0.0375	0.0197
Source	S0148	103	353	106	-0.0109	0.0848	0.0182	0.00845	0.0229	0.00847	0.00684	0.0185	0.00685
Rinsate	R0211	--	--	--	0.0535	0.0401	0.0199	0.00218	0.0495	0.00959	0.0269	0.0401	0.0149
Source	S0148	103	353	106	-0.0109	0.0848	0.0182	0.00845	0.0229	0.00847	0.00684	0.0185	0.00685
Rinsate	R0213	--	--	--	-0.0743	0.24	0.0425	-0.0105	0.189	0.0342	0.0302	0.153	0.0389
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0215	--	--	--	0.0232	0.0863	0.0233	0.0502	0.0454	0.0292	0	0.0367	0.0136

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0217	--	--	--	-0.037	0.12	0.0213	0	0.0445	0.0165	0.0266	0.036	0.0189
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0219	--	--	--	-0.0535	0.222	0.0427	-0.00354	0.2	0.0418	-0.0466	0.195	0.034
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0243	129 U	358	108	-0.0312 U	0.0835	0.0162	0.00453 U	0.103	0.02	-0.0283 U	0.119	0.021
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0245	280	376	120	-0.00767 U	0.0871	0.0183	0.0225	0.0629	0.0186	0.000959 U	0.0802	0.018
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0247	46.8 U	113	383	-0.0389 U	0.148	0.0264	0.00438 U	0.0996	0.0193	0.00354 U	0.0805	0.0156
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0249	-62	410	117	-0.0157	0.0967	0.0175	0	0.041	0.0152	0.0157	0.0781	0.0195
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0251	--	--	--	-0.00384 U	0.0993	0.0219	0.0257	0.0718	0.0212	0.0259 U	0.0825	0.0234
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0253	90.7 U	382	114	-0.0333 U	0.126	0.022	0.0311	0.0421	0.0221	0.00703 U	0.0991	0.0219
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0255	18.9	339	90.2	-0.0554	0.245	0.0478	0.0205	0.221	0.0521	0.0079	0.215	0.0507
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0257	18.4	330	87.8	0.00853	0.134	0.0293	0.0327	0.165	0.0421	-0.00542	0.198	0.0452
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0259	--	--	--	0.0788	0.168	0.0513	0.0436	0.0295	0.022	0.0137	0.0782	0.0199
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0289	--	--	--	-0.0122	0.0739	0.0134	0.0347	0.0314	0.0202	0.0281	0.0254	0.0163
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0291	--	--	--	0.0186	0.116	0.0296	0.0183	0.0909	0.0227	0	0.0313	0.0116
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0293	--	--	--	-0.0047	0.0626	0.0121	0.00239	0.0544	0.0105	0.0138	0.0187	0.00982
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0295	--	--	--	0.0262	0.0262	0.0296	0.0123	0.0332	0.0123	-0.0115	0.0159	-0.0115
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0297	32.7	326	95.1	-0.0177	0.101	0.0207	-0.0016	0.0908	0.0189	0.0104	0.0517	0.0129
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0299	-46.4	447	128	-0.0306	0.0899	0.0156	0.0159	0.0804	0.0205	-0.00726	0.0828	0.0167
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0311	-112	431	121	0.0408	0.114	0.0334	0.0703	0.0381	0.0318	0.0387	0.124	0.0353
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0314	19.7	350	101	0.0319	0.0966	0.0278	0.0119	0.0323	0.0119	0.00963	0.0261	0.00966
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0316	--	--	--	-0.00234 U	0.1	0.0192	-0.0113 U	0.1	0.0194	0.0381	0.0344	0.0222
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0318	74.2	344	97.2	-0.0116	0.181	0.0389	0.0263	0.131	0.0326	0.0498	0.045	0.029

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0320	-150	417	116	-0.0109	0.121	0.0219	0.019	0.0514	0.019	-0.0111	0.0978	0.019
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0322	42	270	79.8	-0.038	0.179	0.0316	0.0244	0.0661	0.0245	-0.0284	0.156	0.0282
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0324	106	412	123	-0.0522	0.207	0.0393	-0.0149	0.131	0.0255	0.0594	0.132	0.0412
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0326	-119	420	118	0.00517	0.123	0.0262	0.0193	0.0524	0.0194	0.00438	0.0996	0.0193
Source	S0148	103	353	106	-0.0109	0.0848	0.0182	0.00845	0.0229	0.00847	0.00684	0.0185	0.00685
Rinsate	R0328	-13.3	341	97.8	-0.0139	0.0961	0.0189	0.0109	0.0295	0.0109	-0.0102	0.0798	0.0141
Source	S0148	103	353	106	-0.0109	0.0848	0.0182	0.00845	0.0229	0.00847	0.00684	0.0185	0.00685
Rinsate	R0330	269	122	384	-0.0295 U	0.145	0.0265	0	0.0445	0.0165	-0.00584 U	0.105	0.019
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0332	31	410	120	0.0363	0.0742	0.0238	0.0498	0.0741	0.0275	-0.00979	0.117	0.026
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0334	--	--	--	-0.0229	0.107	0.0188	0.0661	0.0358	0.0299	0.0107	0.029	0.0107
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0336	-150	396	110	0.0412	0.0918	0.0918	0.0278	0.14	0.0358	-0.0167	0.13	0.0231
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0338	-109	412	116	-0.0287	0.0864	0.0157	0.00379	0.0863	0.0167	0.0329	0.0297	0.0191
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0340	-63.2	417	119	-0.0595	0.228	0.0459	-0.0743	0.225	0.0391	-0.00267	0.151	0.0315
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0342	39.9	422	123	-0.0415	0.121	0.0211	0.00386	0.0878	0.017	0.0633	0.13	0.0406
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0344	269	122	385	-0.00679 U	0.0621	0.0113	0.00273 U	0.062	0.012	0.00756 U	0.0977	0.0244
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0345	-94.4	434	123	-0.054	0.186	0.0382	0.0465	0.042	0.027	0.00702	0.0988	0.0219
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0346	--	--	--	0.00238	0.115	0.0237	0.00503	0.115	0.0222	0.0145	0.0394	0.0146
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0347	-30.3	440	126	0.0224	0.0404	0.0139	0.00219	0.0499	0.00967	0.0208	0.0404	0.0135
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0348	--	--	--	-0.0208	0.152	0.0268	0.0207	0.0562	0.0208	-0.0148	0.168	0.0339
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0349	-53.5	442	126	-0.0142	0.088	0.017	0.0327	0.0636	0.0213	-0.00485	0.088	0.0191
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0350	287	384	123	-0.00513 U	0.0658	0.0119	0	0.028	0.0103	0.0107 U	0.0532	0.0133
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0351	-157	441	123	0.00786	0.115	0.0278	-0.0187	0.103	0.0186	0.0059	0.0831	0.0184
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0352	78.6 U	386	79.8	-0.00526 U	0.0826	0.016	0.016	0.0435	0.0161	0.00363 U	0.0826	0.016

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0354	--	--	--	-0.0224 U	0.0338	0.0125	0	0.0418	0.0155	0.0374	0.0338	0.0218
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0356	--	--	--	-0.00421 U	0.0678	0.0123	0.0106	0.0288	0.0107	-0.0138 U	0.0937	0.0184
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0358	--	--	--	0.00276	0.116	0.024	0.0182	0.0492	0.0182	0.0147	0.0398	0.0147
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0360	--	--	--	0.0162 U	0.1062	0.0279	0.0241	0.0675	0.0199	0.0182 U	0.086	0.0228
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0362	--	--	--	0.00368	0.108	0.0209	0.0209	0.0566	0.0209	-0.0122	0.108	0.0209
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0364	--	--	--	-0.0275 U	0.103	0.0186	-0.00709 U	0.127	0.023	0.0522	0.0353	0.0264
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0366	--	--	--	0.0276 U	0.117	0.0313	-0.0115 U	0.102	0.0197	0.0387	0.035	0.0225
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0368	--	--	--	-0.0157	0.207	0.0398	-0.0203	0.18	0.0348	0.0228	0.0619	0.0229
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0370	--	--	--	-0.0469	0.219	0.0396	0	0.0674	0.0249	0.066	0.128	0.0431
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0372	--	--	--	-0.0195 U	0.0761	0.0148	0.0148	0.04	0.0148	0.00335 U	0.0761	0.0148
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0374	239	383	120	0.029	0.0346	0.0194	0.0474	0.0428	0.0276	-0.024 U	0.128	0.0224
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0376	--	--	--	-0.03	0.11	0.0213	0.0213	0.0578	0.0214	0.0738	0.11	0.0409
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0378	--	--	--	-0.0158 U	0.096	0.0174	0.0301	0.0408	0.0214	0.0122	0.033	0.0122
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0380	--	--	--	0.00762 U	0.0825	0.0175	0.032	0.0434	0.0227	0.0166 U	0.0825	0.049
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0382	--	--	--	-0.00044	0.0466	0.0172	0	0.0576	0.0213	0.0172	0.0466	0.0172
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0384	--	--	--	0.0134	0.0253	0.107	0.0168	0.0454	0.0168	-0.0353	0.148	0.0257
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0386	--	--	--	0.00994	0.226	0.0483	-0.0511	0.28	0.0507	-0.0953	0.335	0.0582
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0388	--	--	--	-0.0389 U	0.148	0.0264	0.02 U	0.0996	0.0248	0.00354 U	0.0805	0.0156
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0390	--	--	--	0.00518	0.174	0.0417	0.0421	0.118	0.0348	-0.0346	0.174	0.0338
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0392	--	--	--	-0.0046	0.153	0.029	-0.0345	0.189	0.0342	0.0194	0.0525	0.0194
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0394	--	--	--	-0.0991	0.304	0.0554	0.0288	0.078	0.0289	-0.0102	0.184	0.0333

Table A.4
Rinsate and Source Comparison Summary
Subarea 6, Round 1

Sample Type	Sample Identification	H-3[1]			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0396	72.2	335	94.6	-0.0562	0.243	0.0425	0.00839	0.191	0.037	0.0242	0.0657	0.0243
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0426	--	--	--	-0.00424	0.0916	0.0206	0	0.0263	0.00971	0.0144	0.071	0.0185
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0428	--	--	--	0.0043	0.0692	0.0158	-0.00416	0.0746	0.0135	-0.00336	0.0603	0.0109
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0430	--	--	--	-0.00784	0.0858	0.0172	0	0.0286	0.0106	-0.0123	0.0675	0.0122
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0432	--	--	--	-0.00271	0.0988	0.0243	0.0162	0.022	0.0115	0.011	0.0879	0.023
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	0.0178	0.00931
Rinsate	R0438	--	--	--	-0.0374	0.11	0.0198	0.0343	0.0465	0.0244	0.0178	0.0885	0.0221
Source	S0278	42	270	79.8	0.0143	0.0593	0.0159	0.00227	0.0516	0.01	0.0131	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.

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

Reporting units in picocuries per liter.

-- - analyte not required/analyzed

MDC - minimum detectable concentration

TPU - total propagated uncertainty

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

ATTACHMENT 2

Boring Logs

The boring logs will be provided with the final version in a separate pdf on SharePoint due to size restrictions.

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