
TECHNICAL MEMORANDUM
SUBAREA 5C, ROUND 1, SOIL SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY SITE
AREA IV RADIOLOGICAL STUDY

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DATE: March 6, 2012
SUBJECT: Radiological Soil Sampling Technical Memorandum for Subarea 5C
CONTRACT NO: EP-S7-05-05
TASK ORDER NO: 0038

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 4. 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, and findings of the Historical Site Assessment (HSA). Sampling efforts in the study area were divided into Subareas. This Technical Memorandum (TM) documents the soil sampling activities, analytical results, and conclusions of the Subarea 5C Round 1 soil sampling. The primary objective of the Subarea 5C soil sampling effort is to evaluate the nature of potential radionuclide contamination in soil that may have resulted from past nuclear operations. This objective was achieved through the collection and analysis of surface, subsurface, and drainage soil samples.

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

SOIL SAMPLING ACTIVITIES

Soil Sample Location Placement and Utility Clearance

A total of 216 surface, subsurface, drainage, and storm drain samples were proposed in the Subarea 5C Addendum to the FSP for Soil Sampling (HGL, 2010a) for Round 1 sampling. Table 1 summarizes the proposed samples and lists the samples actually collected. Figure 1 illustrates soil sample locations (proposed and collected). Deviations from the FSP for Soil Sampling are discussed below.

The proposed sampling locations were discussed during a technical review meeting held on September 23, 2010, with members of USEPA's SSFL Technical Stakeholder Workgroup consisting of representatives of Department of Energy (DOE), the State of California Department of Toxic Substances Control (DTSC), The Boeing Company, USEPA, and the community.

After the locations were finalized with the Stakeholder Workgroup, proposed sampling locations were marked in the field using an SPS 852 handheld Trimble global positioning system 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.

Sample Collection

Surface soil and samples collected from drainageways were collected using a stainless steel trowel or shovel. Subsurface samples were collected using a Geoprobe 6600 Series direct-push technology unit or a hand auger. Soil samples were collected in accordance with the FSP for Soil Sampling (HGL, 2012). A total of 200 surface, subsurface, drainageway, and storm drain soil samples were collected within Subarea 5C from October 18, 2010, to February 4, 2011.

Deviations from FSP Addendum

Table 2 summarizes the deviations from the FSP and the reason the planned activity was not completed. Surface soil samples were not collected at locations 69, 82, and 87 due to shallow refusal at 2.0 feet below ground surface (bgs). At each of these locations the borehole gamma survey showed no anomalies so the total sample interval (0.0 feet to 2.0 feet) was collected and submitted as a subsurface sample.

No subsurface samples were collected at locations 92, 138, and 139 because they were located within likely Decontamination and Decommissioning zones. USEPA understands that most, if not all, surface soil and infrastructure (building structures, concrete slabs, above-ground pipelines and underground pipelines etc.) may be excavated and removed from areas identified as Decontamination and Decommissioning zones. Therefore, samples that were originally located within these zones were not collected. In accordance with the USEPA's role under the Administrative Order on Consent for Remedial Action (DTSC, 2010) agreement between DTSC and DOE for the SSFL site, and subject to additional external funding, USEPA will

conduct verification soil sampling post Decontamination and Decommissioning activities to evaluate the attainment of site soil cleanup levels at all such remediation zones.

Samples were not collected from nine of the proposed storm drain locations (23, 29, 34, 35, 48, 89, 91, 105, and 113) because of insufficient sample quantity. At each of these locations there was not enough soil/sediment present in the storm drain to collect a sample.

For the following 16 samples collected in the vicinity of former Building 4059, the radionuclides nickel-59 (Ni-59) and Ni-63 were not included in the analyses for subsurface soil samples collected from the following locations:

Sample Location Identification	Sample Location Identification
1	11
2	13
3	15
4	16
6	17
7	20
8	21
10	22

These two analytes were inadvertently excluded from the chain-of-custody for the subsurface samples and therefore were not analyzed by the laboratory. However, on February 15, 2012, four additional subsurface soil samples were collected within the footprint of former Building 4059 during the completion of the deep borehole investigation (HGL, 2012a). The analytical suite requested for these four samples did include Ni-59 and Ni-63.

After a thorough evaluation of the analytical results it was determined that these deviations from the FSP were either unavoidable or, in the case of the Ni-59 and Ni-63 analyses, do not adversely impact the data quality objectives established for the project.

Soil Boring Summary

A total of 119 soil borings were advanced during the soil investigation within Subarea 5C. Fifty of the soil borings were advanced to the proposed depth of 10 feet bgs as described in the Subarea 5C FSP Addendum (HGL, 2010a). Forty-one of the borings could only be advanced to a depth between 5.0 and 10.0 feet bgs, and 28 borings could only be advanced to a depth between 1.0 and 5.0 feet bgs. Refusal was encountered before reaching the proposed depth of 10.0 feet bgs in 69 of the borings. In seven of the 69 borings, refusal was encountered due to rubble present in the fill material, and in 62 of the borings refusal was encountered due to bedrock.

Soil samples were classified and described in accordance with the FSP for Soil Sampling (HGL, 2012b). The soil types observed while conducting a visual description of each soil sample were sand, silty sand, silt, sandy clay, silty clay and clay.

A total of 43 locations encountered fill material in all or a portion of the boring. The average thickness of the fill material encountered was 6.9 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 18 of the 43 borings. A total of 76 borings consisted of only native soil with an average thickness of 7.2 feet. A summary of the Boring Log information is presented in Table A.1 and the boring logs are provided in Attachment 2.

EVALUATION OF SOIL RESULTS

Analyses of soil samples were conducted in accordance with the Draft Quality Assurance Project Plan (QAPP) for Soil Sampling (HGL, 2010b). All soil samples were tested for the default suite of analytes presented in Table 2.4 of the FSP for Soil Sampling (HGL, 2012b). In addition to the default analytes, soil samples collected in the vicinity of the Building 4059 also were tested for the site-specific analytes carbon-14 (C-14), tritium (H-3), Ni-59, Ni-63 and technetium-99 (Tc-99) in accordance with the rationale presented in Table 2.4 of the FSP for Soil Sampling (HGL, 2012b).

Radiological Trigger Levels

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

The SSFL Radiological Background Study developed Background Threshold Values (BTV) which are upper concentration limits of radionuclide of concern from offsite samples. These 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 RTLs were formed from the greater of BTV or MDC values plus an additional method uncertainty (for comparison of individual sample results to the RTL). An RTL exceedance is then greater than locally determined background concentrations.

Analytical Results

A total of 200 samples were collected during the Subarea 5C, Round 1 soil sampling event. All of the soil samples collected were analyzed for the SSFL default suite as listed in Table 2.3 of the FSP for Soil Sampling (HGL, 2012b). Eleven surface and 28 subsurface soil samples were also analyzed for H-3, C-14, Ni-63, Ni-59 and Tc-99. Three of the 200 soil samples

were reported to contain concentrations of radionuclides at or above the respective RTL. Results are summarized below:

- The subsurface soil sample (sample identification 10045) collected at 1.0 feet to 2.5 feet bgs from sample location 33 showed thorium-230 (Th-230) at a concentration of 2.24 picocuries per gram (pCi/g). Although this concentration slightly exceeds the RTL of 2.199 pCi/g the radioactivity was determined to be naturally occurring since this location was observed to be very near sandstone outcrops that are known to contain natural radioactivity.
- The surface soil sample (sample identification 10081) collected from sample location 56, located approximately 40 feet north of Building 4100, contained cesium-137 (Cs-137) at a concentration of 0.818 pCi/g, which exceeds the RTL of 0.207 pCi/g. Sample location 56 was identified as a gamma radiation anomaly during the Subarea 5C gamma scanning survey. Elevated gamma survey readings also were detected in the vicinity of this location.
- The surface soil sample (sample identification 10242) collected at sample location 141 contained plutonium-239 (Pu-239)/Pu-240 at a concentration of 0.049 pCi/g, which slightly exceeds the RTL for Pu-239 and Pu-240 of 0.040 pCi/g. This location is within an area that was identified as a fill area by the aerial photo analysis conducted as part of the HSA. Within this area are small piles of soil that appear to have been brought in from other areas of SSFL. No specific information to the origin of these soil piles could be found.

Table 3 presents the sample location, sample type, radionuclide concentration, and technical justification for collecting additional soil samples. Figure 1 presents the locations of all the soil samples collected during Round 1. Figures 2, 3 and 4 present the location, radionuclide, and concentration detected above the RTLs in samples collected from sample locations 33, 56, and 141, respectively. A summary of the analytical results is provided in Table A.2.

QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

Field Duplicates

Field duplicate soil samples were collected at a frequency of 1 per 20 samples (5 percent). A total of 10 field duplicate soil samples were collected during the Round 1 sampling event. Field duplicate evaluation criterion includes an additional 1σ uncertainty factor of 10 percent to allow for heterogeneity of co-located, but non-homogenized, field samples. Sample results that are rejected for laboratory quality reasons are not included in this assessment. The original results for Subarea 5C included several analytes which were removed from consideration, and thus were not evaluated. A duplicate Z-score comparison (Z_{DUP}), as defined in the QAPP (HGL, 2010b), is performed on each paired set of analytes for which parent and duplicate data are reported.

Round 1 field duplicate soil sample data includes 970 results from 485 sample/duplicate 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 barium-137m (Ba-137m), which are inferred from the reported Cs-137 results, are considered redundant and have been removed from consideration, as well.

The Z_{DUP} evaluation of the remaining 396 qualified pairs follows:

- 368 results (92.9 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96;
- 15 results (3.8 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58;
- 13 results (3.3 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 4 percent of reported Z_{DUP} scores will be in the range between 1.96 and 2.58. Of 399 Z_{DUP} results, 15 are expected to fall in this “warning” range. For this data set, the 15 Z_{DUP} results in the warning range are not unexpected and do not indicate significant concerns regarding the quality or usability of the data.

Ten of the 13 Z_{DUP} results at or above 2.58 originated from gamma spectrometry analyses, with the remaining 3 from isotopic uranium results. A brief assessment of these Z_{DUP} excursions follows:

- The gamma spectrometry analyses appear to under-report the uncertainty associated with non-detected results, in which the analyte of interest is not identified above the limit of detection. The majority (6 of 10) of Z_{DUP} excursions above 2.58 included results for which either the sample or the duplicate or both were not detected.
- All other Z_{DUP} excursions, including the three isotopic uranium results, involved Z_{DUP} scores below 3.7. While this may indicate a degree of inhomogeneity in the field that has not otherwise been accounted for in the assessment, or an underestimate in the laboratory’s reported uncertainty beyond that discussed above, the frequency and magnitude of the Z_{DUP} excursions are not believed to indicate significant concerns regarding the quality or usability of the data.

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

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, 2010b). A total of 50 rinsate and 50 source water samples were collected during the Subarea 5C, Round 1 soil sampling event. Each sample was tested for isotopic U, as a surrogate indicator of soil cross-contamination. The laboratory’s reported results for Th-231 are inferred directly from

the reported uranium-235 (U-235) results. Those redundant evaluations, as well as any results that are rejected for laboratory quality reasons, have been removed from consideration, as in the evaluation of field duplicate samples, above. Rinsate and source water samples were also analyzed for H-3 if it was included in the analytical suite for samples collected that day.

Round 1 rinsate and source water samples contains 325 total results, which include 162 data pairs evaluated by Z-score duplicate comparison. The ratio of the rinsate water activity to the source water activity is summarized below. The summary also includes a single rinsate sample with no measurable activity, for which the accompanying source water result is rejected due to laboratory instrument error. That rinsate sample result supports the successful decontamination of the associated field sampling equipment.

- 158 results (96.9 percent) were within the expected 95 percent confidence interval for this evaluation, with Z_{DUP} less than 1.96;
- Four results (2.5 percent) were between the 95 percent and 99 percent confidence interval with Z_{DUP} at or above 1.96, but below 2.58;
- One result (0.6 percent) exceeded the 99 percent confidence interval, with Z_{DUP} values at or above 2.58.

As discussed above, one of the “acceptable” results showed significantly elevated U-238 activity results in the source water fraction of the paired analysis, with no corresponding U-234 activity, which would be expected in that sample, and no measurable activity in the corresponding rinsate fraction. The reported source water result is believed to be related to an instrument malfunction in the laboratory. The rinsate sample analysis supports the conclusion that the associated field samples are unaffected by the rejected source water result and those associated field sample results are acceptable without further qualification.

As with the field duplicates, the 2.4 percent rate of equipment blanks Z_{DUP} results between 1.96 and 2.58 is less than expected and does not indicate significant concerns regarding the quality or usability of the associated sample data.

The single Z_{DUP} result that exceeded 2.58, at 3.35, is related to measurable U-235 activity in the source water sample S0001. There is no corresponding U-234 or U-238 activity, as would be expected, and the accompanying rinsate sample R0001 shows no measurable activity for any U isotope. The rinsate water, therefore, is demonstrated to be free of contaminants and the associated field samples are not believed to be subject to sample cross-contamination from the field sampling equipment.

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.

SUMMARY OF FINDINGS

Radionuclide concentrations exceeding RTLs were reported in samples collected at sample locations 33, 56, and 141. The Th-230 concentration found in the subsurface soil sample collected at sample location 33 was determined to be naturally occurring; therefore, no further characterization in the vicinity of sample location 33 is necessary. Additional soil samples will be collected in the vicinity of sample locations 56 and 141 during Round 2 soil sampling activities. The Subarea 5C, 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.

REFERENCES

- Department of Toxic Substances Control, 2010. Administrative Order On Consent For Remedial Action, Santa Susana Field Laboratory, Simi Hills, Ventura County, California. December.
- HydroGeoLogic, Inc., 2010a. Subarea 5C Addendum to Field Sampling Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory Ventura County, California. October.
- HydroGeoLogic, Inc., 2010b. Quality Assurance Project Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California. September.
- HydroGeoLogic, Inc., 2011. Technical Memorandum, Radiological Trigger Levels, Santa Susana Field Laboratory, Area IV Radiological Study. December.
- HydroGeoLogic, Inc., 2012a. Final Deep Borehole FSP Addendum, Area IV Radiological Study, Santa Susana Field Laboratory Ventura County, California. January 18.
- HydroGeoLogic, Inc., 2012b. Final Field Sampling Plan for Soil Sampling, Area IV Radiological Study, Santa Susana Field Laboratory Ventura County, California. January.
- HydroGeoLogic, Inc., 2012c. Subarea 5C Round 2 Addendum to Final Field Sampling 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 Completed Locations by Group
Subarea 5C, Round 1

Group	Drainage		Surface		Subsurface		Sewer/Storm Drain		Total	
	Planned	Completed	Planned	Completed	Planned	Completed	Planned	Completed	Planned	Completed
1	0	0	10	10	27	27	1	0	38	37
2	0	0	9	9	16	16	4	0	29	25
3	1	1	22	21	34	34	0	0	57	56
4	0	0	8	6	16	12	2	0	26	18
5	0	0	9	9	14	14	3	1	26	24
6	12	12	12	12	16	16	0	0	40	40
Total	13	13	70	67	123	119	10	1	216	200

Table 2
Summary of Samples not Collected
Subarea 5C, Round 1

Sample Identification	Location	Sample Type	Justification
10103	69	Surface	No surface soil collected due to surface asphalt and shallow sandstone refusal at 2 feet bgs.
10124	82	Surface	No surface soil collected due to surface asphalt and shallow sandstone refusal at 2 feet bgs.
10131	87	Surface	No surface soil collected due to surface asphalt and shallow sandstone refusal at 2 feet bgs.
10139	92	Subsurface	Could not access. Location in concrete V ditch.
10143	95	Subsurface	Refusal on red concrete slurry at 2 feet bgs, insufficient volume recovered to sample.
10148	138	Subsurface	Could not access. Location in concrete gunite retention basin.
10149	139	Subsurface	Could not access. Location in concrete gunite retention basin.
10030	23	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10039	29	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10046	34	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10047	35	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10067	48	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10135	89	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10138	91	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10163	105	Storm Drain/Sewer	Insufficient volume to collect a soil sample.
10174	113	Storm Drain/Sewer	Insufficient volume to collect a soil sample.

Notes:

bgs - below ground surface

**Table 3
Analytical Results Exceeding Radiological Trigger Levels
Subarea 5C, Round 1**

Sample Location	Sample Identification	Sample Depth (ft)	Radionuclide Detected	Activity (pCi/g)	RTL (pCi/g)	Associated Line Of Evidence	Step-out Justification
33	10045	1.0 - 2.5	Th-230	2.24	2.199	No associated line of evidence found.	No Step-out locations recommended. Exceedance is due to NORM.
56	10081	0 - 0.5	Cs-137	0.818	0.205	Elevated gamma survey readings.	Elevated gamma survey readings and analytical results exceed RTLs for Cs-137 in surface soil sample at Round 1 Location 56.
141	10242	0 - 0.5	Pu-239/Pu-240	0.049	0.25	Aerial photo feature- Fill Area	Area contains stock piles of potentially contaminated soil.

Notes:

Cs - cesium

ft - feet

NORM - naturally occurring radiological material

pCi/g - picocuries per gram

Pu - plutonium

RTL - radiological trigger level

Th - thorium

FIGURES

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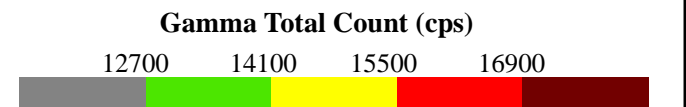
Figure 2
Subarea 5C Location 33
Analysis Results
Santa Susana Field Laboratory

U.S. EPA Region 9



Legend

- Drainage
 - StormSewer
 - Subsurface
 - Surface Subsurface
 - Likely Remediation Zones : Chemical
 - Likely Remediation Zones: D & D
 - HSA Features
 - 5C Groups
 - Demolished Buildings
 - Existing Buildings
-
- Geophysical Anomalies**
- Terrain Conductivity
 - Magnetometer
 - Cut and Fill Boundaries
 - Magnetometer Anomaly Linear
 - Terrian Conductivity Anomaly Linear
 - Point Source Magnetometer Anomaly
 - Point Source Terrain Conductivity Anomaly



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 Source:HGL 2010, CIRGIS 2007

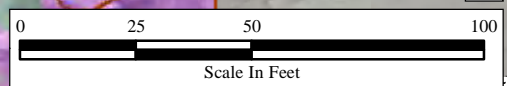
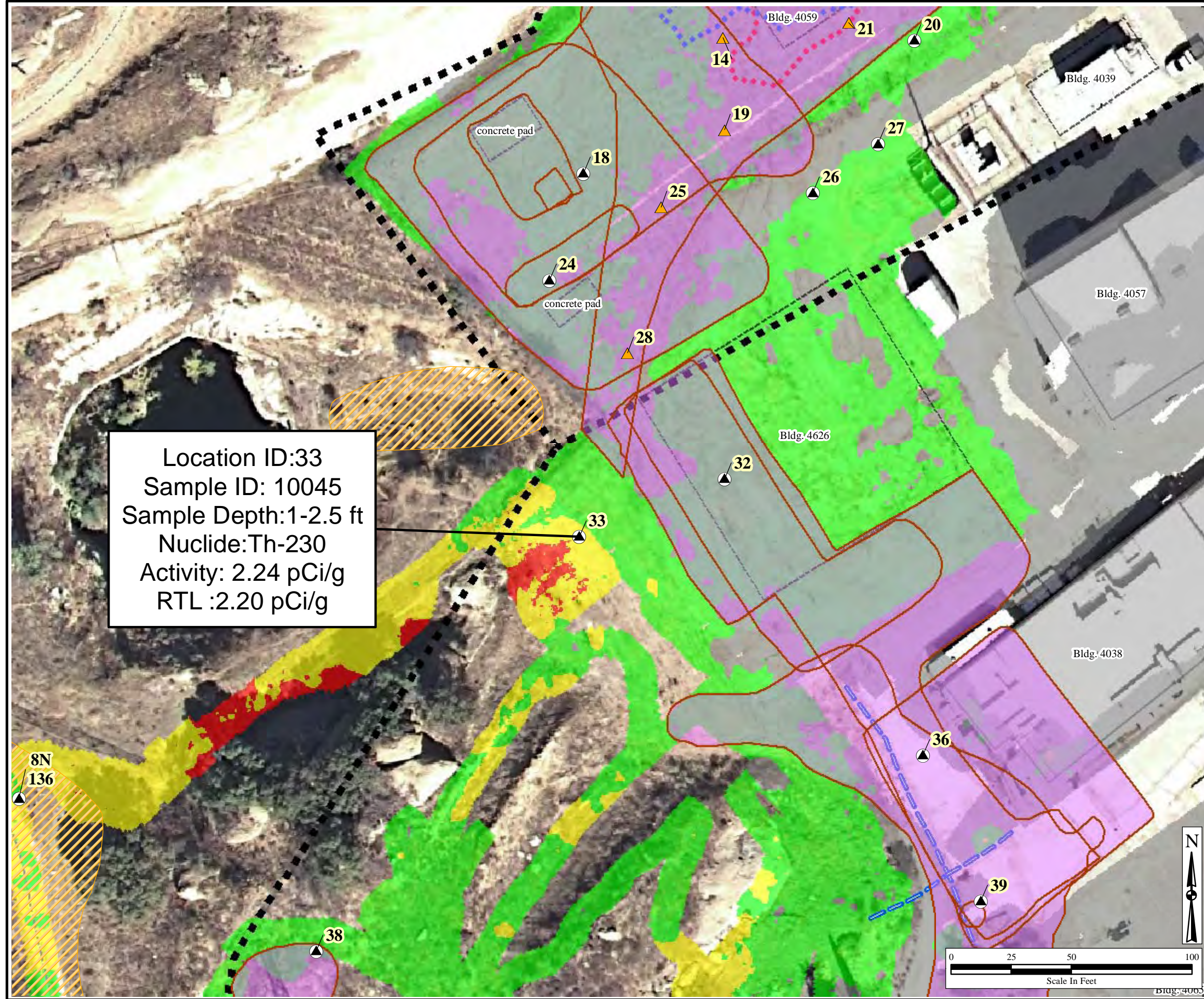


Figure 3
Subarea 5C Location 56
Analysis Results
Santa Susana Field Laboratory

U.S. EPA Region 9

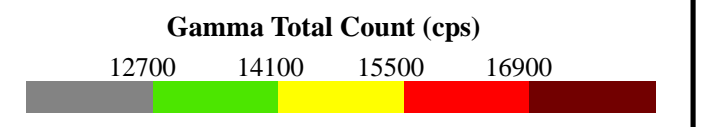


Legend

- Drainage
- Drainage Subsurface
- StormSewer
- Subsurface
- Surface Subsurface
- Likely Remediation Zones : Chemical
- Likely Remediation Zones: D & D
- HSA Features
- 5C Groups
- Demolished Buildings
- Existing Buildings

Geophysical Anomalies

- Terrain Conductivity
- Magnetometer
- Cut and Fill Boundaries
- Magnetometer Anomaly Linear
- Terrian Conductivity Anomaly Linear
- Point Source Magnetometer Anomaly
- Point Source Terrain Conductivity Anomaly



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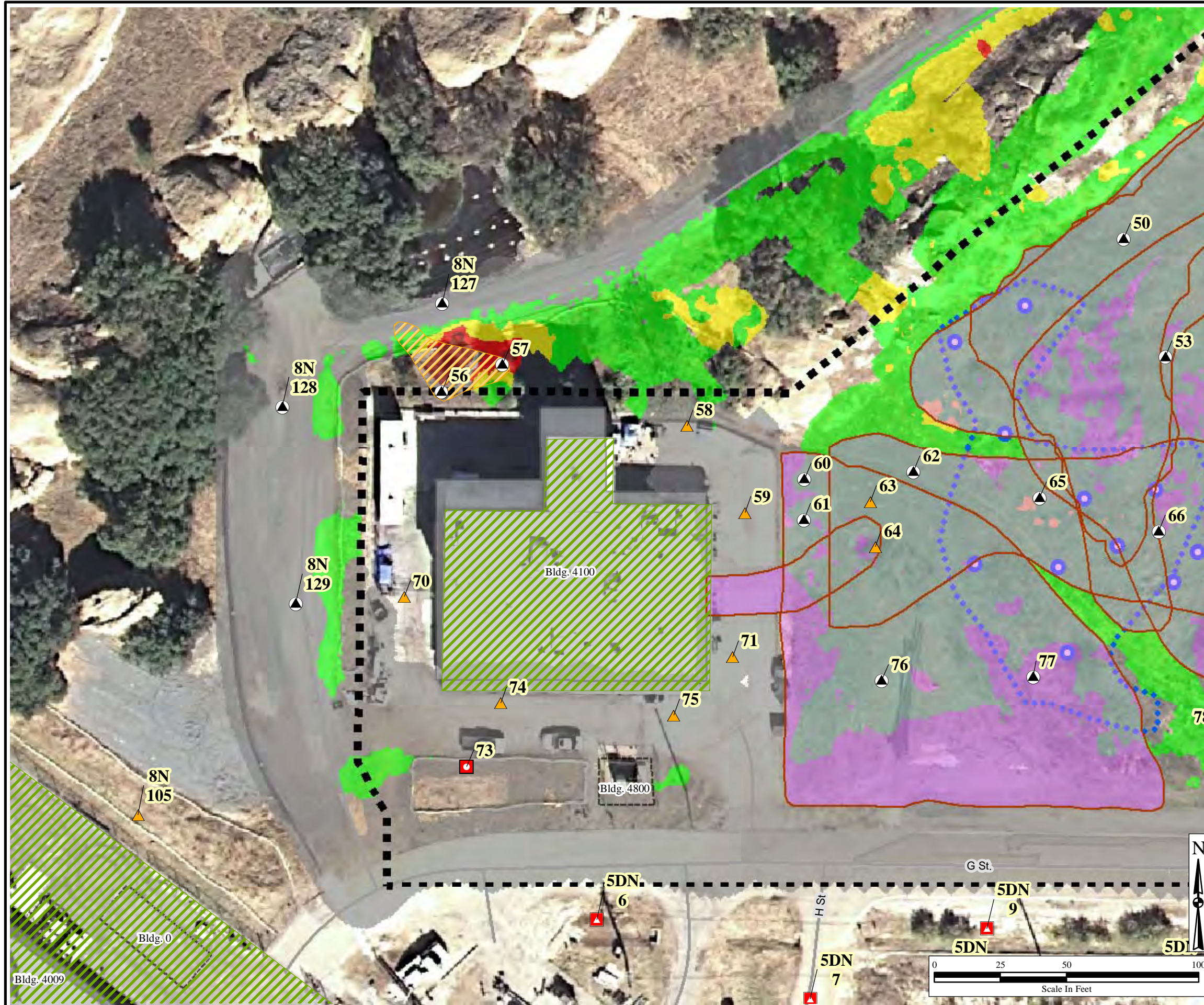


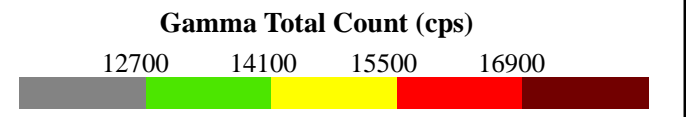
Figure 4
Subarea 5C Location 141
Analysis Results
Santa Susana Field Laboratory



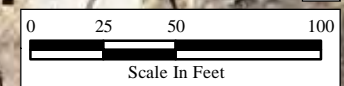
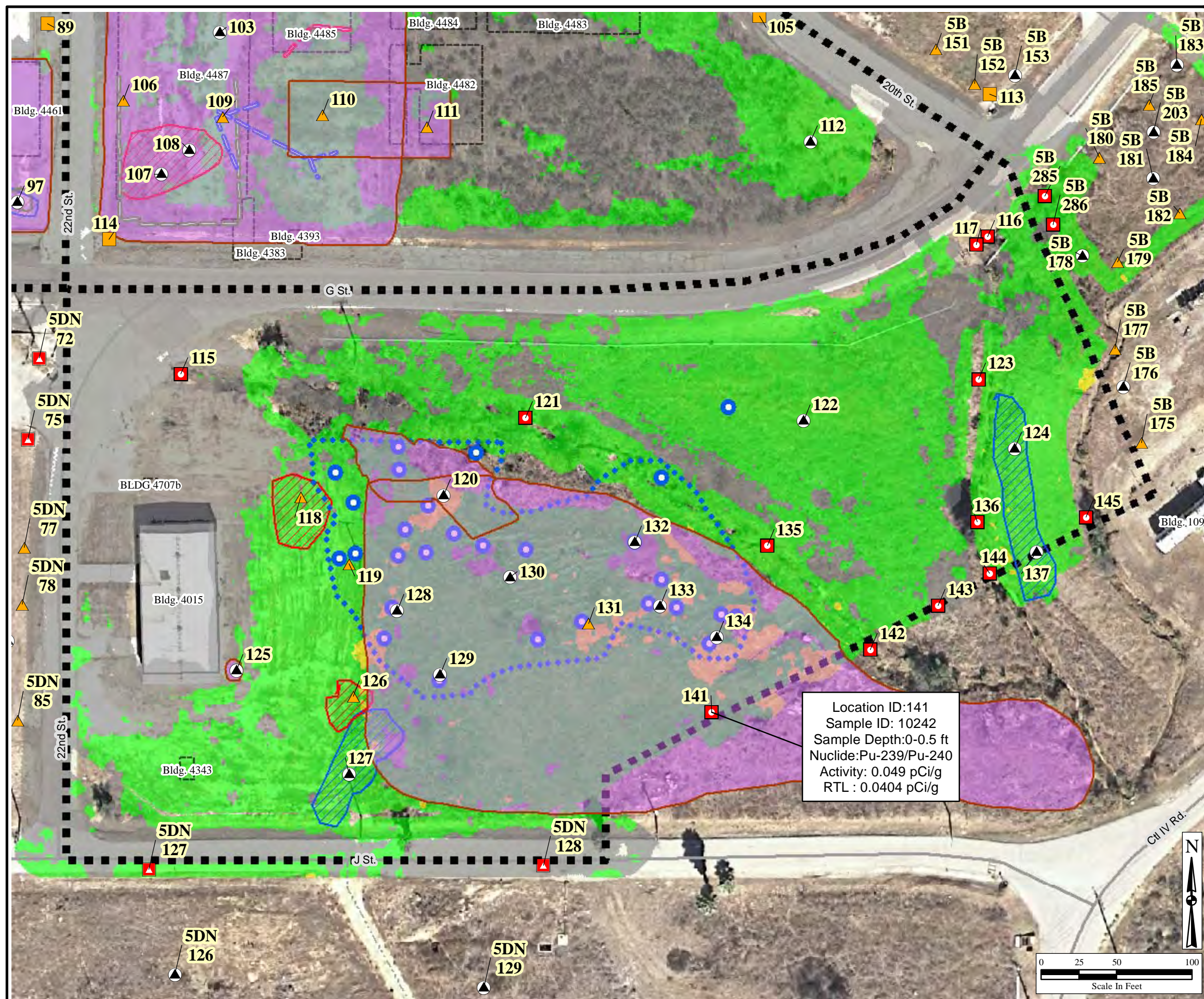
U.S. EPA Region 9

Legend

- Drainage
 - ▣ Drainage Subsurface
 - StormSewer
 - ▲ Subsurface
 - ▲ Surface Subsurface
 - HSA Features
 - 5C Groups
 - Demolished Buildings
 - Existing Buildings
-
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 - Point Source Terrain Conductivity Anomaly



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 Source:HGL 2010, CIRGIS 2007



ATTACHMENT 1

Tables

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Table A.2	Analytical Results Summary, Subarea 5C, Round 1
Table A.3	Parent and Field Duplicate Results Summary, Subarea 5C, Round 1
Table A.4	Rinsate and Source Comparison Summary, Subarea 5C, Round 1

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HGL-Subarea 5C Round 1 Soil Sample Results Technical Memorandum, SSFL-Ventura County, California

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
1	0-0.5 ft	1-5 ft	SM/SP/ML	9.5	9.5	Refusal on fill material	1907830.50252868	6345969.62651035
2	0-0.5 ft	1-5 ft	ML/CL/SM/CL	10	NA	Fill material	1907809.18957919	6345938.69415752
3	NA	1-5 ft	ML/CL/SM/SP	7	7	Fill material	1907798.75390452	6345990.40862103
4	0-0.5 ft	1-5 ft	ML/SM/CL/SM/CL	10	NA	Fill material	1907778.64600511	6345892.28086452
5	NA	1-5 ft	ML/SC/CL/SP	10	NA	Fill material	1907736.83637744	6345903.47014661
6	NA	1-5 ft	ML/CL/SM/SP	10	NA	Fill material	1907753.45314211	6345929.43203694
7	NA	1-5 ft	ML/CL/SM/SP/SM	10	NA	Fill material	1907759.40162101	6345963.02580178
8	0-0.5 ft	1-5 ft	ML/SM/SP/CL/SP	9	9	Refusal on sandstone bedrock	1907703.58021036	6345897.39010627
9	NA	1-5 ft	ML/SM/CL/SP/SM	10	NA	Fill material	1907728.69991077	6345973.03464003
10	NA	1-5 ft	ML/SM/CL/SP	10	NA	Fill material	1907681.75052960	6345947.81454611
11	NA	1-5 ft	ML/SM/CL/SP/SC	10	NA	Fill material	1907690.04447627	6345967.11798519
12	0-0.5 ft	1-5 ft	ML/CL/SM/SP	10	NA	Fill material	1907710.06805827	6345991.64287053
13	NA	1-5 ft	ML/CL/SM/SP/SC	10	NA	Fill material	1907712.12284419	6346035.43576194
14	NA	1-5 ft	ML/CL/SW	10	NA	Fill material	1907636.37890118	6345948.09702586
15	NA	1-5 ft	ML/SM/CL/SM/SP	10	NA	Fill material	1907665.59898710	6345984.42536527
16	NA	1-5 ft	ML/SM/CL/SM	10	NA	Fill material	1907676.09174827	6346018.65626794
17	NA	1-5 ft	ML/CL/SP/SM/SC/SM	10	NA	Fill material	1907696.42176010	6346059.90881011

HGL-Subarea 5C Round 1 Soil Sample Results Technical Memorandum, SSFL-Ventura County, California

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
18	0-0.5 ft	1-5 ft	ML/SM	5	5	Refusal on fill material	1907580.19889544	6345890.26708902
19	NA	1-5 ft	ML/SM/SP	9.5	9.5	Refusal on fill material	1907598.22215335	6345948.78304811
20	0-0.5 ft	1-5 ft	ML/SM/SP/SM	8.5	8.5	Refusal on fill material	1907635.08690903	6346027.53387485
21	NA	1-5 ft	ML/CL/SM	10	NA	Fill material	1907642.55835077	6346000.38268244
22	NA	1-5 ft	ML/SW/SM/CL/SP/ ML/SM	10	NA	Fill material	1907671.81846285	6346056.71163802
23	NA	NA	NA	NA	NA	No material to sample within drain vault	1907699.42109793	6346132.97821778
24	0-0.5 ft	1-5 ft	ML/SM	10	NA		1907535.89911526	6345876.24940052
25	NA	1-5 ft	ML/SP	10	NA	Fill material	1907566.26191543	6345922.51079094
26	0-0.5 ft	1-5 ft	SP/ML/SM/SP	9.5	NA	Fill to 3.0 ft	1907572.06177260	6345985.52477252
27	0-0.5 ft	1-5 ft	SP/SM/SP	10	NA	Fill to 7.5 ft	1907592.31041977	6346012.57032211
28	NA	1-5 ft	ML/SM	7	7	Refusal on fill material	1907505.82732502	6345908.63056935
29	NA	NA	NA	NA	NA	No material to sample within drain vault	1907509.21248886	6346235.05544144
30	NA	1-5 ft	SM/ML/SP	10	NA	Fill to 4.0 ft	1907492.59506802	6346157.80854869
31	NA	1-5 ft	SM/ML/SP	10	NA	Fill to 3.5 ft	1907485.57211618	6346164.50932269
32	0-0.5 ft	1-5 ft	SM/ML	5	5	Refusal on sandstone bedrock	1907453.62172078	6345948.81454411
33	0-0.5 ft	1-2.5 ft	SM/SP	2.5	2.5	Refusal on clay stone bedrock	1907429.66573194	6345888.64373270
34	NA	NA	NA	NA	NA	No material to sample within drain vault	1907395.72091794	6346360.10735670
35	NA	NA	NA	NA	NA	No material to sample within drain vault	1907370.15502419	6346334.42335294
36	0-0.5 ft	1-5 ft	SM	6	6	Refusal on sandstone bedrock	1907339.06715985	6346031.17592794
37	NA	1-4.5 ft	ML/siltstone	4.5	4.5	Refusal on sandstone bedrock	1907334.77615793	6346259.81392210
38	0-0.5 ft	1-5 ft	SM	5.5	5.5	Refusal on sandstone bedrock	1907258.12178369	6345779.46383294

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Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
39	0-0.5 ft	1-5 ft	SM/SP	5	5	Refusal on sandstone bedrock	1907278.72738552	6346055.18145735
40	NA	1-5 ft	ML/SM	10	NA		1907282.67783694	6346156.62154320
41	0-0.5 ft	1-5 ft	SP/SM/ML	5	5	Refusal on sandstone bedrock	1907257.25826836	6346328.48438844
42	0-0.5 ft	NA	SM	0.5	0.5	Refusal on sandstone bedrock	1907138.65286252	6345750.95667210
43	0-0.5 ft	1-3 ft	ML/SP	3	3	Refusal on sandstone bedrock	1907187.30466810	6346057.45441869
44	NA	1-5 ft	SW/SM/ML/SP	10	NA	Fill to 1.0 ft	1907206.65600735	6346210.99512210
45	0-0.5 ft	1-5 ft	ML/SM/SP	9	9	Refusal on sandstone bedrock	1907173.66854052	6346201.23956419
46	NA	1-5 ft	ML/SM/SP	10	NA		1907147.17646752	6346182.15987794
47	0-0.5 ft	1-5 ft	SP/ML/SM/SP	7	7	Refusal on sandstone bedrock	1907176.68756336	6346365.74809344
48	NA	NA	NA	NA	NA	No material to sample within drain vault	1907174.30567835	6346479.33546468
49	0-0.5 ft	1-2 ft	GM/SM	2	2	Refusal on sandstone bedrock	1907080.73303086	6345784.34964993
50	0-0.5 ft	1-5 ft	ML/CL/SP	10	NA		1907024.19639853	6345657.29478594
51	0-0.5 ft	1-4 ft	GM/SM/ML/S M/ SP	4	4	Refusal on sandstone bedrock	1907037.13600519	6345765.39955660
52	0-0.5 ft	1-3 ft	ML/SP	3	3	Refusal on sandstone bedrock	1907039.88796818	6345787.83783194
53	0-0.5 ft	1-4 ft	SW/SM	4	4	Refusal on sandstone bedrock/fill to 1.5 ft	1906979.74570002	6345673.10020052
54	0-0.5 ft	1-4 ft	ML/CL/SM	4	4	Refusal on sandstone bedrock	1906983.34871119	6345780.58423753
55	NA	1-1.75 ft	GM/ML	1.75	1.75	Refusal on sandstone bedrock	1907005.26664636	6345837.31575136
56	0-0.5 ft	1-5 ft	ML	10	NA		1906966.58890219	6345399.49805744
57	0-0.5 ft	1-5 ft	SM/SP/ML/SM	8	8	Refusal on sandstone bedrock	1906976.91860594	6345422.49407445
58	NA	1-4 ft	CL/SM/SW/SM	4	4	Refusal on sandstone bedrock/fill to 1 ft	1906953.85828461	6345492.30659886
59	NA	1-5 ft	CL/ML/CL/SP	10	NA	Fill to 3 ft	1906921.19168326	6345514.19074145

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
60	0-0.5 ft	1-5 and 7-11 ft	SM	11	11	Refusal on siltstone at 11 ft, fill to 11 ft, 2nd sample collected 7-11 ft due to 3 sigma gamma anomaly	1906933.56567427	6345536.63853119
61	0-0.5 ft	1-5 ft	SM/ML/SP/SW	10	NA	Fill to 10 ft	1906918.36688577	6345536.42954211
62	0-0.5 ft	1-3.5 ft	SM/ML/CL	3.5	3.5	Refusal on sandstone bedrock	1906936.32715169	6345577.82644094
63	NA	1-5 ft	ML/SM	5.5	5.5	Refusal on sandstone bedrock	1906925.24154393	6345561.66374361
64	NA	1-5 ft	ML/SM	7	7	Refusal on sandstone bedrock	1906908.19925518	6345563.47804443
65	0-0.5 ft	1-5 ft	ML/CL	3.5	3.5	Refusal on sandstone bedrock	1906926.52566211	6345625.56683102
66	0-0.5 ft	1-4 ft	ML/CL	4	4	Refusal on sandstone bedrock	1906913.95383686	6345670.51654428
67	0-0.5 ft	1-4 ft	ML/CL	4	4	Refusal on siltstone bedrock	1906936.30746669	6345759.74569653
68	0-0.5 ft	1-4.5 ft	ML/CL/SP	4.5	4.5	Refusal on sandstone bedrock	1906931.37374952	6345796.84011052
69	NA	0.5 - 2.0 ft	SP/ML	2	2	Refusal on siltstone bedrock, no surface collected due to shallow refusal and asphalt surface	1906923.59554985	6345833.00768910
70	NA	1-5 ft	ML/SP/CL/SW	10	NA		1906889.35086769	6345385.43476535
71	NA	1-5 ft	SM/SW/ML/CL	9.5	9.5	Fill to 3.5 ft, refusal on sandstone bedrock	1906866.75740893	6345509.47060652
72	0-0.5 ft	1-5 ft	SP/ML/CL/SM	8.5	8.5	Refusal on sandstone bedrock	1906881.69930819	6345788.07405194
73	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906825.19679652	6345408.91995461
74	NA	1-5 ft	SM/CL/SP	9	9	Refusal on sandstone bedrock	1906849.30600026	6345421.83757970
75	NA	1-5 ft	SM/SP/ML/CL	10	NA	Fill to 3.0 ft	1906844.71644252	6345487.19735710
76	0-0.5 ft	1-4 ft	ML/CL	4	4	Fill to 0.5 ft, refusal on sandstone bedrock	1906857.56156118	6345565.83007386
77	0-0.5 ft	1-4 ft	ML/CL	4	4	Refusal on sandstone bedrock	1906858.97330376	6345623.17182270
78	0-0.5 ft	1-5 ft	ML/CL/SP	7.5	7.5	Refusal on sandstone bedrock	1906838.02715144	6345691.19858952
79	0-0.5 ft	1-5 ft	ML/CL/SM	9.5	9.5	Possible refusal on sandstone	1906851.09175785	6345759.19057952

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
80	0-0.5 ft	1-5 ft	ML/CL/SM	8.5	8.5	Possible refusal on sandstone	1906845.17707153	6345806.30367428
81	NA	1-4 ft	SP/CL/SM	4	4	Possible refusal on sandstone	1906826.99075618	6345830.45716928
82	NA	0.5-2 ft	SP	2	2	Refusal on sandstone bedrock, no surface collected due to shallow refusal and asphalt surface	1907041.08940935	6345866.28649394
83	NA	1-3.5 ft	CL	3.5	3.5	Refusal on sandstone bedrock, fill to 2 ft	1907083.50041378	6346009.61363511
84	NA	1-4 ft	CL	4	4	Refusal on sandstone bedrock, fill to 2 ft	1907053.01392619	6346014.98928052
85	NA	1-3.5 ft	ML/SM	3.5	3.5	Refusal on sandstone bedrock, fill to 2 ft	1907074.14150861	6346037.80977294
86	0-0.5 ft	1-5 ft	ML/CL/SM	8	8	Possible refusal on sandstone	1907034.14060435	6346153.09530352
87	NA	1-2 ft	sandstone	2	2	Refusal on sandstone bedrock, no surface collected due to shallow refusal and asphalt surface	1906937.47938035	6345859.45448661
88	0-0.5 ft	1-5 ft	ML/SM	9.5	9.5	Possible refusal on sandstone	1906940.74118484	6346109.15707119
89	NA	NA	NA	NA	NA	No material to sample within drain vault	1906955.08564435	6346173.34132603
90	0-0.5 ft	1-5 ft	ML	8	8	Refusal on sandstone bedrock, fill to 4 ft	1906872.73049410	6345863.78059344
91	NA	NA	NA	NA	NA	No material to sample within drain vault	1906801.49408802	6345890.38224627
92	NA	NA	NA	NA	NA	No sample collected. Location is in concrete V-ditch	1906873.13239619	6345947.86441478
93	NA	1-5 ft	ML/CL/SP	9	9	Refusal on sandstone bedrock	1906874.87583102	6346014.37970169
94	NA	1-5 ft	CL/SP/ML	9.5	9.5	Possible refusal on sandstone	1906824.91169210	6346012.21139894
95	1-1.5 ft	NA	GW/ML	2	2	Refusal on red concrete slurry, surface sample collected below gravel fill	1906844.83750527	6346076.18338385
96	0-0.5 ft	1-5 ft	ML/SM	10	NA		1906848.67575219	6346116.56453669
97	0-0.5 ft	1-5 ft	ML/SM/SP	10	NA		1906837.13246818	6346153.41091969
98	0-0.5 ft	1-5 ft	ML/SM	10	NA		1907051.16320810	6346241.63121569

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
99	0-0.5 ft	1-5 ft	ML/CL/SM/SP	10	NA		1907049.63860485	6346336.93778361
100	0-0.5 ft	1-5 ft	SM/CL	9.5	9.5	Possible refusal on sandstone	1907078.92004235	6346458.86076811
101	0-0.5 ft	1-5 ft	SM/CL/SP	8	8	Possible refusal on sandstone	1907044.14911452	6346512.46958478
102	NA	1-5 ft	SM/SP	8	8	Refusal on sandstone bedrock	1906991.39233027	6346219.64536728
103	0-0.5 ft	1-5 ft	ML/SM	10	NA		1906949.36288677	6346287.51038903
104	0-0.5 ft	1-5 ft	SM/ML/CL	10	NA		1906970.11940694	6346354.20841835
105	NA	NA	NA	NA	NA	No material to sample within drain vault	1906960.23195952	6346645.48080168
106	NA	1-5 ft	SC	10	NA	Fill to 7 ft	1906904.50667727	6346223.66406002
107	0-0.5 ft	1-5 ft	ML	10	NA	Fill material	1906855.50251019	6346248.65744836
108	0-0.5 ft	1-5 ft	ML/CL/SM	10	NA		1906871.44342318	6346267.36049494
109	NA	1-5 ft	SM/ML	10	NA		1906893.54639736	6346289.53269470
110	NA	1-5 ft	ML/CL	10	NA		1906894.77539752	6346355.73991136
111	NA	1-5 ft	ML/SM	10	NA		1906886.94437644	6346425.15742344
112	0-0.5 ft	1-5 ft	ML/SW/SP	7.3	7.3	Refusal on sandstone	1906876.83416043	6346679.45087811
113	NA	NA	NA	NA	NA	No material to sample within drain vault	1906908.50502886	6346798.21737286
114	0-0.5 ft	NA	GW	0.5	NA	Former storm drain sample location in V-ditch	1906812.25784601	6346214.14308169
115	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906723.12186943	6346261.77454811
116	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906814.13513885	6346796.99591860
117	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906808.83823344	6346789.37093386
118	NA	1-5 ft	ML/SP	10	NA		1906642.06921002	6346341.35411335
119	NA	1-5 ft	ML/SM/SP	8	8	Possible refusal on sandstone	1906597.38360386	6346373.23003386

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
120	0-0.5 ft	1-5 ft	ML/CL/SM	10	NA		1906642.75884119	6346436.05208669
121	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906694.26825260	6346490.39416961
122	0-0.5 ft	1-5 ft	ML/CL/SP	10	NA		1906692.17475285	6346674.71827602
123	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906719.61695519	6346791.03759719
124	0-0.5 ft	1-5 ft	ML/CL	5.5	5.5	Possible refusal on sandstone	1906673.71481602	6346814.84463618
125	0-0.5 ft	1-5 ft	SM/ML/SP	9	9	Refusal on sandstone bedrock	1906526.76497869	6346298.57040627
126	NA	1-5 ft	ML/SM	10	NA		1906509.65641710	6346376.18540853
127	0-0.5 ft	1-5 ft	ML/CL/SM/SP	8.5	8.5	Possible refusal on sandstone	1906458.24247794	6346373.20116253
128	0-0.5 ft	1-5 ft	SM/ML	9.5	9.5	Possible refusal on sandstone	1906566.40499127	6346405.25359186
129	0-0.5 ft	1-5 ft	SM/ML/CL/SP	10	NA		1906524.04877678	6346433.67020169
130	0-0.5	1-5 ft	ML/CL/SP	10	NA		1906588.61885761	6346480.27542344
131	NA	1-5 ft	SM/ML/CL/SP	10	NA		1906558.04608411	6346532.10110719
132	0-0.5 ft	1-5 ft	SM/ML/CL/SP	8	8	Possible refusal on sandstone	1906611.87635702	6346562.80052085
133	0-0.5 ft	1-5 ft	SM/ML/CL/SP	9	9	Possible refusal on sandstone	1906569.53720285	6346579.58985735
134	0-0.5 ft	1-5 ft	ML/CL/SC/SP	7	7	Refusal on sandstone	1906548.83022326	6346617.22823353
135	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906609.49086310	6346650.65631628
136	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906625.12403394	6346790.06679861
137	0-0.5 ft	1-5 ft	ML/CL	5.5	NA	Possible refusal on sandstone	1906605.31567460	6346829.32393794
138	NA	NA	NA	NA	NA	Location in gunnite detention pool, no access	1906849.52023868	6345944.53633743
139	NA	NA	NA	NA	NA	Location in gunnite detention pool, no access	1906849.52023868	6345918.90777978
140	NA	1-4 ft	CL/SM	4	4	Refusal on sandstone	1906873.61533485	6345841.67040144

Table A.1
Boring Log Summary
Subarea 5C, Round 1

Location	Surface Interval Collection	Subsurface Interval Collection	Soil Description	Total Depth (ft)	Refusal Depth (ft)	Notes/Comments	Northing NAD83 SPZ5 US Feet	Easting NAD83 SPZ5 US Feet
141	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906499.23911510	6346613.80402778
142	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906540.52709027	6346719.18865952
143	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906569.68779311	6346764.03141761
144	0-0.5 ft	NA	SM	0.5	NA	Drainage sample	1906591.16051918	6346798.18981385
145	0-0.5 ft	NA	ML	0.5	NA	Drainage sample	1906628.39994602	6346862.23004010

Notes:

CL - clay

ft - feet

GM - silty gravel

GW - well graded gravel

ML - silt

NA - not applicable

SC - clayey sand

SM - silty sand

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00001	10001	Ac-227	0.009	0.12	0.016	0.217	U	0.00 - 0.50
5C-00001	10001	Ac-228	0.917	0.077	0.037	2.4		0.00 - 0.50
5C-00001	10001	Ag-108	-0.001	0.0011	0.0003	--	R U	0.00 - 0.50
5C-00001	10001	Ag-108m	-0.011	0.011	0.0035	--	R U	0.00 - 0.50
5C-00001	10001	Am-241	-0.0008	0.0072	0.0015	0.0454	U	0.00 - 0.50
5C-00001	10001	Ba-133	-0.0163	0.015	0.0048	--	R U	0.00 - 0.50
5C-00001	10001	Ba-137m	-0.0054	0.012	0.0035	--	U	0.00 - 0.50
5C-00001	10001	Bi-212	0.836	0.11	0.071	2.15		0.00 - 0.50
5C-00001	10001	Bi-214	0.815	0.021	0.031	1.59		0.00 - 0.50
5C-00001	10001	C-14	0.041	0.1	0.032	2.96	U R	0.00 - 0.50
5C-00001	10001	Cd-113m	10.2	32	9.8	3030	U	0.00 - 0.50
5C-00001	10001	Cf-249	-0.013	0.051	0.015	--	U R	0.00 - 0.50
5C-00001	10001	Cm-243/244	-0.0008	0.0071	0.0014	0.0443	U	0.00 - 0.50
5C-00001	10001	Cm-245/246	0.0008	0.0023	0.0008	0.0401	U J	0.00 - 0.50
5C-00001	10001	Cm-247/248	0	0.0022	0.0009	0.0306	U J	0.00 - 0.50
5C-00001	10001	Co-60	-0.0007	0.014	0.0041	0.028	U	0.00 - 0.50
5C-00001	10001	Cs-134	0.0026	0.038	0.0024	0.0864	U	0.00 - 0.50
5C-00001	10001	Cs-137	-0.0057	0.012	0.0037	0.207	U	0.00 - 0.50
5C-00001	10001	Eu-152	0.0092	0.031	0.0088	0.0566	U	0.00 - 0.50
5C-00001	10001	Eu-154	-0.015	0.076	0.023	0.15	U	0.00 - 0.50
5C-00001	10001	Eu-155	0.059	0.029	0.012	0.231	S K	0.00 - 0.50
5C-00001	10001	H-3	0.048	0.19	0.056	11.9	U	0.00 - 0.50
5C-00001	10001	Ho-166m	0.004	0.019	0.0027	0.0432	U	0.00 - 0.50
5C-00001	10001	K-40	21.3	0.14	0.71	32.4		0.00 - 0.50
5C-00001	10001	Na-22	-0.0049	0.019	0.0057	0.037	U	0.00 - 0.50
5C-00001	10001	Nb-94	0.0034	0.01	0.0031	0.0214	U	0.00 - 0.50
5C-00001	10001	Ni-59	0	0.17	0.058	5.96	U	0.00 - 0.50
5C-00001	10001	Ni-63	0.004	0.69	0.21	4.92	U	0.00 - 0.50
5C-00001	10001	Np-236	-0.0016	0.025	0.0076	0.047	U	0.00 - 0.50
5C-00001	10001	Np-239	0.007	0.074	0.022	0.139	U	0.00 - 0.50
5C-00001	10001	Pa-231	-0.01	0.48	0.14	0.936	U	0.00 - 0.50
5C-00001	10001	Pb-212	1.16	0.027	0.062	2.69		0.00 - 0.50
5C-00001	10001	Pb-214	0.926	0.023	0.035	1.7		0.00 - 0.50
5C-00001	10001	Pu-236	-0.0013	0.0059	0.001	7.79	U	0.00 - 0.50
5C-00001	10001	Pu-238	0.0006	0.0046	0.0011	0.0415	U	0.00 - 0.50
5C-00001	10001	Pu-239/240	0.0006	0.0046	0.0011	0.0404	U	0.00 - 0.50
5C-00001	10001	Pu-244	0.0013	0.0017	0.0009	0.0313	U	0.00 - 0.50
5C-00001	10001	Rn-220	0.998	0.027	0.095	--		0.00 - 0.50
5C-00001	10001	Rn-222	0.87	0.021	0.047	--		0.00 - 0.50
5C-00001	10001	Sb-125	0.0899	0.032	0.0078	0.354	S K	0.00 - 0.50
5C-00001	10001	Sn-126	0.0001	0.011	0.0031	0.0237	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00001	10001	Sr-90	-0.008	0.036	0.01	0.485	U	0.00 - 0.50
5C-00001	10001	Tc-99	-0.046	0.3	0.092	1.63	U	0.00 - 0.50
5C-00001	10001	Te-125m	0.0208	0.0074	0.0018	0.0838	S K	0.00 - 0.50
5C-00001	10001	Th-228	0.88	0.022	0.049	3.98		0.00 - 0.50
5C-00001	10001	Th-229	0.009	0.006	0.003	0.145		0.00 - 0.50
5C-00001	10001	Th-230	0.897	0.009	0.05	2.2		0.00 - 0.50
5C-00001	10001	Th-232	0.838	0.009	0.047	3.1		0.00 - 0.50
5C-00001	10001	Th-234	1.07	0.13	0.07	3.19	R	0.00 - 0.50
5C-00001	10001	Tl-208	0.37	0.014	0.015	0.937		0.00 - 0.50
5C-00001	10001	Tm-171	-3.4	4.9	1.5	72.4	L U	0.00 - 0.50
5C-00001	10001	U-233/234	0.743	0.003	0.043	2.02		0.00 - 0.50
5C-00001	10001	U-235/236	0.0444	0.0039	0.0082	0.151		0.00 - 0.50
5C-00001	10001	U-238	0.776	0.003	0.044	1.8		0.00 - 0.50
5C-00001	10002	Ac-227	-0.06	0.15	0.045	0.217	U	1.00 - 5.00
5C-00001	10002	Ac-228	1.27	0.096	0.046	2.4		1.00 - 5.00
5C-00001	10002	Ag-108	0.0003	0.0012	0.0004	--	U R	1.00 - 5.00
5C-00001	10002	Ag-108m	0.0032	0.012	0.0037	--	U R	1.00 - 5.00
5C-00001	10002	Am-241	0.001	0.0026	0.001	0.0454	U	1.00 - 5.00
5C-00001	10002	Ba-133	0.0011	0.019	0.0044	--	U R	1.00 - 5.00
5C-00001	10002	Ba-137m	0.0079	0.017	0.0058	--	U	1.00 - 5.00
5C-00001	10002	Bi-212	0.932	0.14	0.077	2.15		1.00 - 5.00
5C-00001	10002	Bi-214	0.909	0.028	0.033	1.59		1.00 - 5.00
5C-00001	10002	C-14	0.0169	0.025	0.0078	2.96		1.00 - 5.00
5C-00001	10002	Cd-113m	8	43	13	3030	U	1.00 - 5.00
5C-00001	10002	Cf-249	0.0015	0.072	0.0024	--	U R	1.00 - 5.00
5C-00001	10002	Cm-243/244	0.0037	0.0025	0.0019	0.0443		1.00 - 5.00
5C-00001	10002	Cm-245/246	0	0.0082	0.002	0.0401	U J	1.00 - 5.00
5C-00001	10002	Cm-247/248	0.0008	0.002	0.0008	0.0306	U	1.00 - 5.00
5C-00001	10002	Co-60	0.005	0.021	0.0062	0.028	U	1.00 - 5.00
5C-00001	10002	Cs-134	-0.0159	0.018	0.0057	0.0864	L U	1.00 - 5.00
5C-00001	10002	Cs-137	0.0083	0.018	0.0062	0.207	U	1.00 - 5.00
5C-00001	10002	Eu-152	-0.001	0.04	0.012	0.0566	U	1.00 - 5.00
5C-00001	10002	Eu-154	0.009	0.11	0.02	0.15	U	1.00 - 5.00
5C-00001	10002	Eu-155	0.084	0.035	0.014	0.231	S K	1.00 - 5.00
5C-00001	10002	H-3	0.005	0.19	0.057	11.9	U	1.00 - 5.00
5C-00001	10002	Ho-166m	0.0159	0.027	0.0066	0.0432	S K	1.00 - 5.00
5C-00001	10002	K-40	20	0.15	0.62	32.4		1.00 - 5.00
5C-00001	10002	Na-22	0.0025	0.028	0.0082	0.037	U	1.00 - 5.00
5C-00001	10002	Nb-94	0.002	0.017	0.0029	0.0214	U	1.00 - 5.00
5C-00001	10002	Np-236	0.0064	0.026	0.0078	0.047	U	1.00 - 5.00
5C-00001	10002	Np-239	0.018	0.095	0.029	0.139	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00001	10002	Pa-231	0.04	0.62	0.19	0.936	U	1.00 - 5.00
5C-00001	10002	Pb-212	1.64	0.025	0.067	2.69		1.00 - 5.00
5C-00001	10002	Pb-214	0.998	0.029	0.034	1.7		1.00 - 5.00
5C-00001	10002	Pu-236	0	0.0032	0.001	7.79	U	1.00 - 5.00
5C-00001	10002	Pu-238	0.001	0.0087	0.002	0.0415	U	1.00 - 5.00
5C-00001	10002	Pu-239/240	0.0012	0.0032	0.0012	0.0404	U	1.00 - 5.00
5C-00001	10002	Pu-244	0.0052	0.0071	0.0028	0.0313		1.00 - 5.00
5C-00001	10002	Rn-220	1.29	0.03	0.1	--		1.00 - 5.00
5C-00001	10002	Rn-222	0.953	0.028	0.048	--		1.00 - 5.00
5C-00001	10002	Sb-125	0.171	0.048	0.014	0.354	S K	1.00 - 5.00
5C-00001	10002	Sn-126	0.0149	0.014	0.006	0.0237		1.00 - 5.00
5C-00001	10002	Sr-90	-0.005	0.051	0.015	0.485	U	1.00 - 5.00
5C-00001	10002	Tc-99	-0.048	0.28	0.084	1.63	U	1.00 - 5.00
5C-00001	10002	Te-125m	0.0396	0.011	0.0032	0.0838	S K	1.00 - 5.00
5C-00001	10002	Th-228	1.27	0.015	0.062	3.98		1.00 - 5.00
5C-00001	10002	Th-229	0.0195	0.0075	0.0048	0.145		1.00 - 5.00
5C-00001	10002	Th-230	0.96	0.005	0.048	2.2		1.00 - 5.00
5C-00001	10002	Th-232	1.21	0.005	0.059	3.1		1.00 - 5.00
5C-00001	10002	Th-234	0.639	0.17	0.057	3.19	R	1.00 - 5.00
5C-00001	10002	Tl-208	0.5	0.017	0.019	0.937		1.00 - 5.00
5C-00001	10002	Tm-171	0.9	4.3	1.3	72.4	U	1.00 - 5.00
5C-00001	10002	U-233/234	0.702	0.01	0.039	2.02		1.00 - 5.00
5C-00001	10002	U-235/236	0.0253	0.011	0.006	0.151		1.00 - 5.00
5C-00001	10002	U-238	0.67	0.007	0.038	1.8		1.00 - 5.00
5C-00002	10003	Ac-227	-0.015	0.12	0.036	0.217	U	0.00 - 0.50
5C-00002	10003	Ac-228	1.18	0.063	0.042	2.4		0.00 - 0.50
5C-00002	10003	Ag-108	-0.0035	0.0012	0.0004	--	R U	0.00 - 0.50
5C-00002	10003	Ag-108m	-0.0371	0.013	0.0044	--	R U	0.00 - 0.50
5C-00002	10003	Am-241	0	0.007	0.0018	0.0454	U	0.00 - 0.50
5C-00002	10003	Ba-133	-0.0966	0.019	0.0071	--	R U	0.00 - 0.50
5C-00002	10003	Ba-137m	0.0124	0.0082	0.0035	--		0.00 - 0.50
5C-00002	10003	Bi-212	1.03	0.11	0.074	2.15		0.00 - 0.50
5C-00002	10003	Bi-214	0.844	0.022	0.032	1.59		0.00 - 0.50
5C-00002	10003	C-14	0.0251	0.028	0.0089	2.96		0.00 - 0.50
5C-00002	10003	Cd-113m	1	33	10	3030	U	0.00 - 0.50
5C-00002	10003	Cf-249	-0.002	0.037	0.011	--	U R	0.00 - 0.50
5C-00002	10003	Cm-243/244	-0.0006	0.0053	0.0011	0.0443	U	0.00 - 0.50
5C-00002	10003	Cm-245/246	0.0025	0.0022	0.0014	0.0401	J	0.00 - 0.50
5C-00002	10003	Cm-247/248	0.0008	0.0022	0.0008	0.0306	U J	0.00 - 0.50
5C-00002	10003	Co-60	0.0027	0.013	0.0031	0.028	U	0.00 - 0.50
5C-00002	10003	Cs-134	0.0149	0.046	0.0053	0.0864	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00002	10003	Cs-137	0.0131	0.0086	0.0037	0.207		0.00 - 0.50
5C-00002	10003	Eu-152	-0.0119	0.031	0.0093	0.0566	U	0.00 - 0.50
5C-00002	10003	Eu-154	-0.0004	0.079	0.024	0.15	U	0.00 - 0.50
5C-00002	10003	Eu-155	0.089	0.031	0.014	0.231	S K	0.00 - 0.50
5C-00002	10003	H-3	0.064	0.19	0.059	11.9	U	0.00 - 0.50
5C-00002	10003	Ho-166m	0.0023	0.015	0.0024	0.0432	U	0.00 - 0.50
5C-00002	10003	K-40	18.4	0.14	0.61	32.4		0.00 - 0.50
5C-00002	10003	Na-22	0.0084	0.015	0.0046	0.037		0.00 - 0.50
5C-00002	10003	Nb-94	0.0066	0.01	0.0032	0.0214	S K	0.00 - 0.50
5C-00002	10003	Ni-59	0	0.17	0.047	5.96	U	0.00 - 0.50
5C-00002	10003	Ni-63	0.16	0.69	0.21	4.92	U	0.00 - 0.50
5C-00002	10003	Np-236	-0.0052	0.026	0.008	0.047	U	0.00 - 0.50
5C-00002	10003	Np-239	0.008	0.066	0.02	0.139	U	0.00 - 0.50
5C-00002	10003	Pa-231	-0.03	0.38	0.11	0.936	U	0.00 - 0.50
5C-00002	10003	Pb-212	1.47	0.028	0.078	2.69		0.00 - 0.50
5C-00002	10003	Pb-214	0.957	0.021	0.036	1.7		0.00 - 0.50
5C-00002	10003	Pu-236	0.0005	0.0045	0.0011	7.79	U	0.00 - 0.50
5C-00002	10003	Pu-238	0.0005	0.0035	0.0009	0.0415	U	0.00 - 0.50
5C-00002	10003	Pu-239/240	0.001	0.0013	0.0007	0.0404	U	0.00 - 0.50
5C-00002	10003	Pu-244	0.001	0.0013	0.0007	0.0313	U	0.00 - 0.50
5C-00002	10003	Rn-220	1.25	0.03	0.11	--		0.00 - 0.50
5C-00002	10003	Rn-222	0.9	0.021	0.048	--		0.00 - 0.50
5C-00002	10003	Sb-125	0.0901	0.035	0.0069	0.354	S K	0.00 - 0.50
5C-00002	10003	Sn-126	-0.0016	0.012	0.0037	0.0237	U	0.00 - 0.50
5C-00002	10003	Sr-90	0.015	0.034	0.01	0.485	U	0.00 - 0.50
5C-00002	10003	Tc-99	-0.035	0.3	0.092	1.63	U	0.00 - 0.50
5C-00002	10003	Te-125m	0.0208	0.0081	0.0016	0.0838	S K	0.00 - 0.50
5C-00002	10003	Th-228	1.24	0.015	0.062	3.98		0.00 - 0.50
5C-00002	10003	Th-229	0.0067	0.0054	0.0025	0.145		0.00 - 0.50
5C-00002	10003	Th-230	1.02	0.007	0.053	2.2		0.00 - 0.50
5C-00002	10003	Th-232	1.29	0.006	0.064	3.1		0.00 - 0.50
5C-00002	10003	Th-234	1.39	0.12	0.077	3.19	R	0.00 - 0.50
5C-00002	10003	Tl-208	0.46	0.015	0.018	0.937		0.00 - 0.50
5C-00002	10003	Tm-171	3.9	5.2	1.6	72.4		0.00 - 0.50
5C-00002	10003	U-233/234	0.672	0.003	0.033	2.02		0.00 - 0.50
5C-00002	10003	U-235/236	0.0398	0.0014	0.0048	0.151		0.00 - 0.50
5C-00002	10003	U-238	0.678	0.003	0.033	1.8		0.00 - 0.50
5C-00002	10004	Ac-227	0.012	0.13	0.013	0.217	U	1.00 - 5.00
5C-00002	10004	Ac-228	1.24	0.08	0.045	2.4		1.00 - 5.00
5C-00002	10004	Ag-108	-0.0009	0.0012	0.0004	--	L U R	1.00 - 5.00
5C-00002	10004	Ag-108m	-0.01	0.013	0.004	--	L U R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00002	10004	Am-241	0.0016	0.017	0.0043	0.0454	U	1.00 - 5.00
5C-00002	10004	Am-241	0.0009	0.0092	0.0024	0.0454	U	1.00 - 5.00
5C-00002	10004	Ba-133	-0.0994	0.022	0.0079	--	R U	1.00 - 5.00
5C-00002	10004	Ba-137m	-0.003	0.012	0.0035	--	U	1.00 - 5.00
5C-00002	10004	Bi-212	1.04	0.13	0.082	2.15		1.00 - 5.00
5C-00002	10004	Bi-214	0.867	0.026	0.034	1.59		1.00 - 5.00
5C-00002	10004	C-14	0.041	0.031	0.01	2.96		1.00 - 5.00
5C-00002	10004	Cd-113m	6	37	11	3030	U	1.00 - 5.00
5C-00002	10004	Cf-249	0.0035	0.059	0.0021	--	U R	1.00 - 5.00
5C-00002	10004	Cm-243/244	0.0034	0.009	0.0028	0.0443		1.00 - 5.00
5C-00002	10004	Cm-243/244	0.0351	0.014	0.0081	0.0443		1.00 - 5.00
5C-00002	10004	Cm-245/246	0.0021	0.0028	0.0015	0.0401	U J	1.00 - 5.00
5C-00002	10004	Cm-247/248	0.001	0.0028	0.001	0.0306	U	1.00 - 5.00
5C-00002	10004	Co-60	0.0012	0.015	0.0044	0.028	U	1.00 - 5.00
5C-00002	10004	Cs-134	-0.0023	0.026	0.0013	0.0864	U	1.00 - 5.00
5C-00002	10004	Cs-137	-0.0031	0.012	0.0037	0.207	U	1.00 - 5.00
5C-00002	10004	Eu-152	0.021	0.033	0.011	0.0566		1.00 - 5.00
5C-00002	10004	Eu-154	0.004	0.082	0.012	0.15	U	1.00 - 5.00
5C-00002	10004	Eu-155	0.092	0.034	0.015	0.231	S K	1.00 - 5.00
5C-00002	10004	H-3	0.078	0.19	0.058	11.9	U	1.00 - 5.00
5C-00002	10004	Ho-166m	0.0052	0.022	0.0084	0.0432	U	1.00 - 5.00
5C-00002	10004	K-40	20.3	0.15	0.68	32.4		1.00 - 5.00
5C-00002	10004	Na-22	-0.0001	0.02	0.0058	0.037	U	1.00 - 5.00
5C-00002	10004	Nb-94	0.0017	0.012	0.0024	0.0214	U	1.00 - 5.00
5C-00002	10004	Np-236	-0.0042	0.029	0.0087	0.047	U	1.00 - 5.00
5C-00002	10004	Np-239	0.005	0.078	0.023	0.139	U	1.00 - 5.00
5C-00002	10004	Pa-231	0.13	0.52	0.12	0.936	U	1.00 - 5.00
5C-00002	10004	Pb-212	1.64	0.023	0.087	2.69		1.00 - 5.00
5C-00002	10004	Pb-214	0.983	0.025	0.038	1.7		1.00 - 5.00
5C-00002	10004	Pu-236	0.0012	0.0047	0.0013	7.79	U	1.00 - 5.00
5C-00002	10004	Pu-238	-0.0005	0.0054	0.001	0.0415	U	1.00 - 5.00
5C-00002	10004	Pu-239/240	0	0.0018	0.0006	0.0404	U	1.00 - 5.00
5C-00002	10004	Pu-244	0.0022	0.0038	0.0014	0.0313		1.00 - 5.00
5C-00002	10004	Rn-220	1.34	0.02	0.12	--		1.00 - 5.00
5C-00002	10004	Rn-222	0.925	0.025	0.051	--		1.00 - 5.00
5C-00002	10004	Sb-125	0.123	0.035	0.0091	0.354	S K	1.00 - 5.00
5C-00002	10004	Sn-126	0.0027	0.013	0.004	0.0237	U	1.00 - 5.00
5C-00002	10004	Sr-90	0.031	0.052	0.016	0.485		1.00 - 5.00
5C-00002	10004	Tc-99	-0.069	0.27	0.082	1.63	U	1.00 - 5.00
5C-00002	10004	Te-125m	0.0285	0.0081	0.0021	0.0838	S K	1.00 - 5.00
5C-00002	10004	Th-228	1.36	0.012	0.067	3.98		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00002	10004	Th-229	0.0188	0.0063	0.0043	0.145		1.00 - 5.00
5C-00002	10004	Th-230	0.971	0.006	0.05	2.2		1.00 - 5.00
5C-00002	10004	Th-232	1.34	0.006	0.066	3.1		1.00 - 5.00
5C-00002	10004	Th-234	0.533	0.15	0.052	3.19	R	1.00 - 5.00
5C-00002	10004	Tl-208	0.497	0.016	0.02	0.937		1.00 - 5.00
5C-00002	10004	Tm-171	0.8	4.4	1.3	72.4	U	1.00 - 5.00
5C-00002	10004	U-233/234	0.579	0.002	0.032	2.02		1.00 - 5.00
5C-00002	10004	U-235/236	0.0275	0.0067	0.0053	0.151		1.00 - 5.00
5C-00002	10004	U-238	0.625	0.002	0.034	1.8		1.00 - 5.00
5C-00003	10005	Ac-227	0.055	0.14	0.015	0.217	U	1.00 - 5.00
5C-00003	10005	Ac-228	1.15	0.092	0.041	2.4		1.00 - 5.00
5C-00003	10005	Ag-108	0	0.0013	0.0001	--	U R	1.00 - 5.00
5C-00003	10005	Ag-108m	0.0005	0.014	0.0007	--	U R	1.00 - 5.00
5C-00003	10005	Am-241	0.0014	0.0037	0.0014	0.0454	U	1.00 - 5.00
5C-00003	10005	Ba-133	0.0005	0.016	0.0005	--	U R	1.00 - 5.00
5C-00003	10005	Ba-137m	0.0121	0.017	0.0069	--		1.00 - 5.00
5C-00003	10005	Bi-212	0.947	0.13	0.072	2.15		1.00 - 5.00
5C-00003	10005	Bi-214	0.758	0.028	0.029	1.59		1.00 - 5.00
5C-00003	10005	C-14	0.074	0.052	0.017	2.96	J	1.00 - 5.00
5C-00003	10005	Cd-113m	11	39	12	3030	U	1.00 - 5.00
5C-00003	10005	Cf-249	0.0045	0.04	0.0043	--	U R	1.00 - 5.00
5C-00003	10005	Cm-243/244	0	0.0037	0.0015	0.0443	U	1.00 - 5.00
5C-00003	10005	Cm-245/246	0.0005	0.0012	0.0005	0.0401	U	1.00 - 5.00
5C-00003	10005	Cm-245/246	0.0026	0.0014	0.0012	0.0401		1.00 - 5.00
5C-00003	10005	Cm-247/248	0.0005	0.0012	0.0005	0.0306	U	1.00 - 5.00
5C-00003	10005	Cm-247/248	0	0.0014	0.0006	0.0306	U J	1.00 - 5.00
5C-00003	10005	Co-60	-0.0044	0.02	0.0059	0.028	U	1.00 - 5.00
5C-00003	10005	Cs-134	0.0045	0.03	0.0027	0.0864	U	1.00 - 5.00
5C-00003	10005	Cs-137	0.0128	0.018	0.0073	0.207		1.00 - 5.00
5C-00003	10005	Eu-152	0.011	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00003	10005	Eu-154	0.012	0.1	0.014	0.15	U	1.00 - 5.00
5C-00003	10005	Eu-155	0.077	0.032	0.013	0.231	S K	1.00 - 5.00
5C-00003	10005	H-3	0.243	0.18	0.057	11.9		1.00 - 5.00
5C-00003	10005	Ho-166m	0.0025	0.023	0.0048	0.0432	U	1.00 - 5.00
5C-00003	10005	K-40	17.8	0.15	0.55	32.4		1.00 - 5.00
5C-00003	10005	Na-22	0.0033	0.016	0.0046	0.037	U	1.00 - 5.00
5C-00003	10005	Nb-94	0.0079	0.0088	0.0032	0.0214		1.00 - 5.00
5C-00003	10005	Np-236	-0.0001	0.025	0.0074	0.047	U	1.00 - 5.00
5C-00003	10005	Np-239	-0.02	0.086	0.026	0.139	U	1.00 - 5.00
5C-00003	10005	Pa-231	0.08	0.57	0.17	0.936	U	1.00 - 5.00
5C-00003	10005	Pb-212	1.49	0.022	0.061	2.69		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00003	10005	Pb-214	0.816	0.026	0.029	1.7		1.00 - 5.00
5C-00003	10005	Pu-236	-0.0011	0.0069	0.0009	7.79	U	1.00 - 5.00
5C-00003	10005	Pu-238	0.0019	0.0026	0.0013	0.0415		1.00 - 5.00
5C-00003	10005	Pu-239/240	0	0.0026	0.0008	0.0404	U	1.00 - 5.00
5C-00003	10005	Pu-244	0.0009	0.0025	0.0009	0.0313	U	1.00 - 5.00
5C-00003	10005	Rn-220	1.22	0.022	0.094	--		1.00 - 5.00
5C-00003	10005	Rn-222	0.787	0.026	0.041	--		1.00 - 5.00
5C-00003	10005	Sb-125	0.114	0.038	0.0099	0.354	S K	1.00 - 5.00
5C-00003	10005	Sn-126	0.0037	0.015	0.0046	0.0237	U	1.00 - 5.00
5C-00003	10005	Sr-90	0.042	0.057	0.018	0.485		1.00 - 5.00
5C-00003	10005	Tc-99	-0.025	0.28	0.086	1.63	U	1.00 - 5.00
5C-00003	10005	Te-125m	0.0264	0.0087	0.0023	0.0838	S K	1.00 - 5.00
5C-00003	10005	Th-228	1.25	0.013	0.062	3.98		1.00 - 5.00
5C-00003	10005	Th-229	0.0042	0.015	0.0043	0.145	U	1.00 - 5.00
5C-00003	10005	Th-230	0.827	0.002	0.043	2.2		1.00 - 5.00
5C-00003	10005	Th-232	1.18	0.007	0.059	3.1		1.00 - 5.00
5C-00003	10005	Th-234	1.31	0.14	0.074	3.19	R	1.00 - 5.00
5C-00003	10005	Tl-208	0.469	0.017	0.018	0.937		1.00 - 5.00
5C-00003	10005	Tm-171	0.7	4.2	1.3	72.4	U	1.00 - 5.00
5C-00003	10005	U-233/234	0.682	0.002	0.035	2.02		1.00 - 5.00
5C-00003	10005	U-235/236	0.0397	0.0054	0.0058	0.151		1.00 - 5.00
5C-00003	10005	U-238	0.671	0.002	0.034	1.8		1.00 - 5.00
5C-00004	10006	Ac-227	0.056	0.14	0.02	0.217	U	0.00 - 0.50
5C-00004	10006	Ac-228	1.26	0.091	0.044	2.4		0.00 - 0.50
5C-00004	10006	Ag-108	-0.0004	0.0014	0.0004	--	U R	0.00 - 0.50
5C-00004	10006	Ag-108m	-0.0039	0.015	0.0044	--	U R	0.00 - 0.50
5C-00004	10006	Am-241	-0.0019	0.01	0.0021	0.0454	U	0.00 - 0.50
5C-00004	10006	Ba-133	0.0018	0.016	0.0049	--	U R	0.00 - 0.50
5C-00004	10006	Ba-137m	0.012	0.018	0.0066	--		0.00 - 0.50
5C-00004	10006	Bi-212	1.06	0.14	0.082	2.15		0.00 - 0.50
5C-00004	10006	Bi-214	0.804	0.028	0.03	1.59		0.00 - 0.50
5C-00004	10006	C-14	0.03	0.035	0.011	2.96		0.00 - 0.50
5C-00004	10006	Cd-113m	-10	41	12	3030	U	0.00 - 0.50
5C-00004	10006	Cf-249	-0.015	0.068	0.02	--	U R	0.00 - 0.50
5C-00004	10006	Cm-243/244	0	0.0068	0.0014	0.0443	U	0.00 - 0.50
5C-00004	10006	Cm-245/246	0.0019	0.0017	0.0011	0.0401		0.00 - 0.50
5C-00004	10006	Cm-247/248	0	0.0046	0.0009	0.0306	U	0.00 - 0.50
5C-00004	10006	Co-60	-0.0017	0.018	0.0052	0.028	U	0.00 - 0.50
5C-00004	10006	Cs-134	0.0149	0.017	0.0047	0.0864	S K	0.00 - 0.50
5C-00004	10006	Cs-137	0.0126	0.019	0.007	0.207		0.00 - 0.50
5C-00004	10006	Eu-152	-0.005	0.04	0.012	0.0566	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00004	10006	Eu-154	0.023	0.11	0.017	0.15	U	0.00 - 0.50
5C-00004	10006	Eu-155	0.072	0.035	0.014	0.231	S K	0.00 - 0.50
5C-00004	10006	H-3	0.004	0.19	0.058	11.9	U	0.00 - 0.50
5C-00004	10006	H-3	3.06	0.19	0.16	11.9		0.00 - 0.50
5C-00004	10006	Ho-166m	0.0069	0.026	0.0078	0.0432	U	0.00 - 0.50
5C-00004	10006	K-40	18.5	0.15	0.57	32.4		0.00 - 0.50
5C-00004	10006	Na-22	0.0004	0.02	0.0062	0.037	U	0.00 - 0.50
5C-00004	10006	Nb-94	0.0025	0.015	0.0046	0.0214	U	0.00 - 0.50
5C-00004	10006	Ni-59	0	0.14	0.043	5.96	U	0.00 - 0.50
5C-00004	10006	Ni-63	-0.02	0.56	0.17	4.92	U	0.00 - 0.50
5C-00004	10006	Np-236	0	0.028	0.0085	0.047	U	0.00 - 0.50
5C-00004	10006	Np-239	-0.026	0.087	0.026	0.139	U	0.00 - 0.50
5C-00004	10006	Pa-231	0.06	0.57	0.17	0.936	U	0.00 - 0.50
5C-00004	10006	Pb-212	1.62	0.026	0.066	2.69		0.00 - 0.50
5C-00004	10006	Pb-214	0.913	0.026	0.032	1.7		0.00 - 0.50
5C-00004	10006	Pu-236	-0.0011	0.0077	0.0019	7.79	U	0.00 - 0.50
5C-00004	10006	Pu-238	0.0005	0.0059	0.0015	0.0415	U	0.00 - 0.50
5C-00004	10006	Pu-239/240	0	0.0015	0.0006	0.0404	U	0.00 - 0.50
5C-00004	10006	Pu-244	0.0038	0.0015	0.0014	0.0313		0.00 - 0.50
5C-00004	10006	Rn-220	1.34	0.03	0.11	--		0.00 - 0.50
5C-00004	10006	Rn-222	0.858	0.026	0.044	--		0.00 - 0.50
5C-00004	10006	Sb-125	0.144	0.035	0.012	0.354	S K	0.00 - 0.50
5C-00004	10006	Sn-126	0.0037	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00004	10006	Sr-90	0.004	0.038	0.011	0.485	U	0.00 - 0.50
5C-00004	10006	Tc-99	-0.09	0.34	0.1	1.63	U	0.00 - 0.50
5C-00004	10006	Te-125m	0.0333	0.0081	0.0028	0.0838	S K	0.00 - 0.50
5C-00004	10006	Th-228	1.43	0.028	0.075	3.98		0.00 - 0.50
5C-00004	10006	Th-229	0.0011	0.0087	0.0021	0.145	U	0.00 - 0.50
5C-00004	10006	Th-230	1.04	0.014	0.058	2.2	J	0.00 - 0.50
5C-00004	10006	Th-232	1.33	0.012	0.07	3.1		0.00 - 0.50
5C-00004	10006	Th-234	1.49	0.15	0.084	3.19	R	0.00 - 0.50
5C-00004	10006	Tl-208	0.502	0.018	0.019	0.937		0.00 - 0.50
5C-00004	10006	Tm-171	-1.7	6.2	1.9	72.4	U	0.00 - 0.50
5C-00004	10006	U-233/234	0.717	0.01	0.039	2.02		0.00 - 0.50
5C-00004	10006	U-235/236	0.0508	0.0081	0.008	0.151		0.00 - 0.50
5C-00004	10006	U-238	0.755	0.008	0.041	1.8		0.00 - 0.50
5C-00004	10007	Ac-227	0.033	0.12	0.034	0.217	U	1.00 - 5.00
5C-00004	10007	Ac-228	1.18	0.063	0.041	2.4		1.00 - 5.00
5C-00004	10007	Ag-108	-0.001	0.0011	0.0003	--	L U R	1.00 - 5.00
5C-00004	10007	Ag-108m	-0.0106	0.012	0.0037	--	L U R	1.00 - 5.00
5C-00004	10007	Am-241	0	0.0067	0.0015	0.0454	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00004	10007	Ba-133	-0.0873	0.02	0.0071	--	R U	1.00 - 5.00
5C-00004	10007	Ba-137m	0.0038	0.012	0.0036	--	U	1.00 - 5.00
5C-00004	10007	Bi-212	0.948	0.12	0.077	2.15		1.00 - 5.00
5C-00004	10007	Bi-214	0.835	0.024	0.032	1.59		1.00 - 5.00
5C-00004	10007	C-14	0.0223	0.024	0.0075	2.96		1.00 - 5.00
5C-00004	10007	Cd-113m	2	35	10	3030	U	1.00 - 5.00
5C-00004	10007	Cf-249	-0.016	0.055	0.017	--	U R	1.00 - 5.00
5C-00004	10007	Cm-243/244	0.0028	0.0019	0.0014	0.0443		1.00 - 5.00
5C-00004	10007	Cm-245/246	0.0039	0.0036	0.0023	0.0401	J	1.00 - 5.00
5C-00004	10007	Cm-247/248	0.0013	0.0035	0.0013	0.0306	U	1.00 - 5.00
5C-00004	10007	Co-60	-0.0018	0.015	0.0046	0.028	U	1.00 - 5.00
5C-00004	10007	Cs-134	0.0108	0.036	0.0028	0.0864	U	1.00 - 5.00
5C-00004	10007	Cs-137	0.004	0.013	0.0038	0.207	U	1.00 - 5.00
5C-00004	10007	Eu-152	0.0024	0.031	0.0024	0.0566	U	1.00 - 5.00
5C-00004	10007	Eu-154	-0.027	0.081	0.024	0.15	U	1.00 - 5.00
5C-00004	10007	Eu-155	0.094	0.032	0.014	0.231	S K	1.00 - 5.00
5C-00004	10007	H-3	-0.019	0.19	0.057	11.9	U	1.00 - 5.00
5C-00004	10007	Ho-166m	0.0043	0.02	0.0028	0.0432	U	1.00 - 5.00
5C-00004	10007	K-40	21.3	0.15	0.71	32.4		1.00 - 5.00
5C-00004	10007	Na-22	0.0015	0.018	0.0053	0.037	U	1.00 - 5.00
5C-00004	10007	Nb-94	-0.0001	0.011	0.0033	0.0214	U	1.00 - 5.00
5C-00004	10007	Np-236	0.0003	0.027	0.0082	0.047	U	1.00 - 5.00
5C-00004	10007	Np-239	0.012	0.074	0.022	0.139	U	1.00 - 5.00
5C-00004	10007	Pa-231	-0.1	0.5	0.15	0.936	U	1.00 - 5.00
5C-00004	10007	Pb-212	1.56	0.021	0.082	2.69		1.00 - 5.00
5C-00004	10007	Pb-214	0.924	0.022	0.035	1.7		1.00 - 5.00
5C-00004	10007	Pu-236	0.0015	0.002	0.0011	7.79		1.00 - 5.00
5C-00004	10007	Pu-238	0.0016	0.0062	0.0017	0.0415	U	1.00 - 5.00
5C-00004	10007	Pu-239/240	0	0.002	0.0007	0.0404	U	1.00 - 5.00
5C-00004	10007	Pu-244	-0.0001	0.0054	0.001	0.0313	U	1.00 - 5.00
5C-00004	10007	Rn-220	1.26	0.02	0.11	--		1.00 - 5.00
5C-00004	10007	Rn-222	0.879	0.022	0.048	--		1.00 - 5.00
5C-00004	10007	Sb-125	0.138	0.033	0.0098	0.354	S K	1.00 - 5.00
5C-00004	10007	Sn-126	0.0005	0.012	0.0037	0.0237	U	1.00 - 5.00
5C-00004	10007	Sr-90	0.016	0.057	0.017	0.485	U	1.00 - 5.00
5C-00004	10007	Tc-99	-0.033	0.29	0.088	1.63	U	1.00 - 5.00
5C-00004	10007	Te-125m	0.0318	0.0076	0.0023	0.0838	S K	1.00 - 5.00
5C-00004	10007	Th-228	1.33	0.014	0.065	3.98		1.00 - 5.00
5C-00004	10007	Th-229	0.0113	0.0024	0.0032	0.145		1.00 - 5.00
5C-00004	10007	Th-230	0.954	0.006	0.049	2.2		1.00 - 5.00
5C-00004	10007	Th-232	1.26	0.006	0.062	3.1		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00004	10007	Th-234	1.43	0.13	0.082	3.19	R	1.00 - 5.00
5C-00004	10007	Tl-208	0.459	0.015	0.018	0.937		1.00 - 5.00
5C-00004	10007	Tm-171	0.3	4.7	1.4	72.4	U	1.00 - 5.00
5C-00004	10007	U-233/234	0.629	0.002	0.034	2.02		1.00 - 5.00
5C-00004	10007	U-235/236	0.0303	0.0085	0.0058	0.151		1.00 - 5.00
5C-00004	10007	U-238	0.649	0.002	0.035	1.8		1.00 - 5.00
5C-00005	10008	Ac-227	0.061	0.081	0.017	0.217		1.00 - 5.00
5C-00005	10008	Ac-228	1.16	0.054	0.039	2.4		1.00 - 5.00
5C-00005	10008	Ag-108	-0.0035	0.0011	0.0004	--	R U	1.00 - 5.00
5C-00005	10008	Ag-108m	-0.0376	0.012	0.0042	--	R U	1.00 - 5.00
5C-00005	10008	Am-241	0.0012	0.0055	0.0015	0.0454	U	1.00 - 5.00
5C-00005	10008	Ba-133	-0.0211	0.015	0.0047	--	R U	1.00 - 5.00
5C-00005	10008	Ba-137m	-0.0015	0.0098	0.0029	--	U	1.00 - 5.00
5C-00005	10008	Bi-212	0.942	0.093	0.06	2.15		1.00 - 5.00
5C-00005	10008	Bi-214	0.761	0.019	0.029	1.59		1.00 - 5.00
5C-00005	10008	C-14	0.0271	0.028	0.0087	2.96		1.00 - 5.00
5C-00005	10008	Cd-113m	7.4	32	9.6	3030	U	1.00 - 5.00
5C-00005	10008	Cf-249	-0.037	0.048	0.015	--	L U R	1.00 - 5.00
5C-00005	10008	Cm-243/244	0.0006	0.0054	0.0014	0.0443	U	1.00 - 5.00
5C-00005	10008	Cm-245/246	0.0015	0.002	0.0011	0.0401	U J	1.00 - 5.00
5C-00005	10008	Cm-247/248	0.0007	0.002	0.0007	0.0306	U	1.00 - 5.00
5C-00005	10008	Co-60	0.0027	0.012	0.0026	0.028	U	1.00 - 5.00
5C-00005	10008	Cs-134	0.0109	0.03	0.0035	0.0864	U	1.00 - 5.00
5C-00005	10008	Cs-137	-0.0016	0.01	0.0031	0.207	U	1.00 - 5.00
5C-00005	10008	Eu-152	-0.0017	0.026	0.0077	0.0566	U	1.00 - 5.00
5C-00005	10008	Eu-154	-0.0032	0.056	0.0065	0.15	U	1.00 - 5.00
5C-00005	10008	Eu-155	0.071	0.027	0.011	0.231	S K	1.00 - 5.00
5C-00005	10008	H-3	0.082	0.2	0.06	11.9	U	1.00 - 5.00
5C-00005	10008	Ho-166m	0.0048	0.017	0.0037	0.0432	U	1.00 - 5.00
5C-00005	10008	K-40	17.4	0.12	0.58	32.4		1.00 - 5.00
5C-00005	10008	Na-22	-0.0076	0.016	0.0049	0.037	U	1.00 - 5.00
5C-00005	10008	Nb-94	0.0039	0.01	0.003	0.0214	U	1.00 - 5.00
5C-00005	10008	Ni-59	0	0.24	0.067	5.96	U	1.00 - 5.00
5C-00005	10008	Ni-63	-0.05	0.61	0.18	4.92	U	1.00 - 5.00
5C-00005	10008	Np-236	-0.0082	0.025	0.0077	0.047	U	1.00 - 5.00
5C-00005	10008	Np-239	-0.005	0.059	0.018	0.139	U	1.00 - 5.00
5C-00005	10008	Pa-231	-0.01	0.45	0.14	0.936	U	1.00 - 5.00
5C-00005	10008	Pb-212	1.48	0.019	0.078	2.69		1.00 - 5.00
5C-00005	10008	Pb-214	0.87	0.021	0.033	1.7		1.00 - 5.00
5C-00005	10008	Pu-236	-0.001	0.0047	0.0008	7.79	U	1.00 - 5.00
5C-00005	10008	Pu-238	-0.002	0.006	0.0011	0.0415	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00005	10008	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00005	10008	Pu-244	0.0015	0.0014	0.0009	0.0313		1.00 - 5.00
5C-00005	10008	Rn-220	1.21	0.019	0.099	--		1.00 - 5.00
5C-00005	10008	Rn-222	0.815	0.019	0.044	--		1.00 - 5.00
5C-00005	10008	Sb-125	0.13	0.03	0.0089	0.354	S K	1.00 - 5.00
5C-00005	10008	Sn-126	-0.0022	0.011	0.0035	0.0237	U	1.00 - 5.00
5C-00005	10008	Sr-90	0.022	0.044	0.013	0.485	U	1.00 - 5.00
5C-00005	10008	Tc-99	-0.087	0.27	0.081	1.63	U	1.00 - 5.00
5C-00005	10008	Te-125m	0.03	0.0069	0.0021	0.0838	S K	1.00 - 5.00
5C-00005	10008	Th-228	1.14	0.017	0.059	3.98		1.00 - 5.00
5C-00005	10008	Th-229	0.0102	0.0023	0.003	0.145		1.00 - 5.00
5C-00005	10008	Th-230	0.816	0.01	0.045	2.2		1.00 - 5.00
5C-00005	10008	Th-232	1.18	0.008	0.061	3.1		1.00 - 5.00
5C-00005	10008	Th-234	1.32	0.13	0.078	3.19	R	1.00 - 5.00
5C-00005	10008	Tl-208	0.451	0.013	0.017	0.937		1.00 - 5.00
5C-00005	10008	Tm-171	-2.9	5	1.5	72.4	U	1.00 - 5.00
5C-00005	10008	U-233/234	0.617	0.002	0.032	2.02		1.00 - 5.00
5C-00005	10008	U-235/236	0.0397	0.002	0.0057	0.151		1.00 - 5.00
5C-00005	10008	U-238	0.666	0.002	0.034	1.8		1.00 - 5.00
5C-00006	10009	Ac-227	0.016	0.14	0.049	0.217	U	1.00 - 5.00
5C-00006	10009	Ac-228	1.29	0.085	0.046	2.4		1.00 - 5.00
5C-00006	10009	Ag-108	0.0001	0.001	0.0003	--	U R	1.00 - 5.00
5C-00006	10009	Ag-108m	0.0006	0.011	0.0032	--	U R	1.00 - 5.00
5C-00006	10009	Am-241	0.0007	0.0018	0.0007	0.0454	U J	1.00 - 5.00
5C-00006	10009	Ba-133	0.0253	0.017	0.0034	--	R	1.00 - 5.00
5C-00006	10009	Ba-137m	0.0005	0.016	0.0048	--	U	1.00 - 5.00
5C-00006	10009	Bi-212	1.14	0.14	0.086	2.15		1.00 - 5.00
5C-00006	10009	Bi-214	0.816	0.025	0.03	1.59		1.00 - 5.00
5C-00006	10009	C-14	0.031	0.033	0.01	2.96		1.00 - 5.00
5C-00006	10009	Cd-113m	3	38	11	3030	U	1.00 - 5.00
5C-00006	10009	Cf-249	0.0056	0.064	0.0038	--	U R	1.00 - 5.00
5C-00006	10009	Cm-243/244	0.0013	0.0047	0.0013	0.0443	U	1.00 - 5.00
5C-00006	10009	Cm-245/246	0	0.013	0.0029	0.0401	U	1.00 - 5.00
5C-00006	10009	Cm-247/248	-0.0013	0.0098	0.0015	0.0306	U	1.00 - 5.00
5C-00006	10009	Co-60	0.0003	0.018	0.0054	0.028	U	1.00 - 5.00
5C-00006	10009	Cs-134	0.0144	0.031	0.0038	0.0864	U	1.00 - 5.00
5C-00006	10009	Cs-137	0.0005	0.017	0.005	0.207	U	1.00 - 5.00
5C-00006	10009	Eu-152	0.014	0.032	0.013	0.0566	U	1.00 - 5.00
5C-00006	10009	Eu-154	0.0093	0.1	0.007	0.15	U	1.00 - 5.00
5C-00006	10009	Eu-155	0.078	0.031	0.012	0.231	S K	1.00 - 5.00
5C-00006	10009	H-3	0.035	0.19	0.057	11.9	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00006	10009	H-3	2.95	0.19	0.15	11.9		1.00 - 5.00
5C-00006	10009	Ho-166m	-0.0077	0.026	0.0077	0.0432	U	1.00 - 5.00
5C-00006	10009	K-40	17.4	0.14	0.54	32.4		1.00 - 5.00
5C-00006	10009	Na-22	0.0069	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00006	10009	Nb-94	0.0038	0.014	0.0041	0.0214	U	1.00 - 5.00
5C-00006	10009	Np-236	-0.0034	0.03	0.009	0.047	U	1.00 - 5.00
5C-00006	10009	Np-239	-0.002	0.075	0.023	0.139	U	1.00 - 5.00
5C-00006	10009	Pa-231	0.004	0.57	0.17	0.936	U	1.00 - 5.00
5C-00006	10009	Pb-212	1.59	0.025	0.065	2.69		1.00 - 5.00
5C-00006	10009	Pb-214	0.898	0.026	0.031	1.7		1.00 - 5.00
5C-00006	10009	Pu-236	0	0.0028	0.0009	7.79	U	1.00 - 5.00
5C-00006	10009	Pu-238	0.0002	0.0085	0.0019	0.0415	U	1.00 - 5.00
5C-00006	10009	Pu-239/240	0.0008	0.0074	0.0017	0.0404	U	1.00 - 5.00
5C-00006	10009	Pu-244	0	0.0028	0.0009	0.0313	U	1.00 - 5.00
5C-00006	10009	Rn-220	1.36	0.02	0.11	--		1.00 - 5.00
5C-00006	10009	Rn-222	0.857	0.025	0.043	--		1.00 - 5.00
5C-00006	10009	Sb-125	0.004	0.041	0.01	0.354	U	1.00 - 5.00
5C-00006	10009	Sn-126	0.0051	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00006	10009	Sr-90	0.015	0.056	0.017	0.485	U	1.00 - 5.00
5C-00006	10009	Tc-99	-0.037	0.26	0.079	1.63	U	1.00 - 5.00
5C-00006	10009	Te-125m	0.0009	0.0095	0.0023	0.0838	U	1.00 - 5.00
5C-00006	10009	Th-228	1.32	0.012	0.066	3.98		1.00 - 5.00
5C-00006	10009	Th-229	0.0022	0.011	0.0029	0.145	U	1.00 - 5.00
5C-00006	10009	Th-230	0.882	0.003	0.047	2.2		1.00 - 5.00
5C-00006	10009	Th-232	1.27	0.009	0.064	3.1		1.00 - 5.00
5C-00006	10009	Th-234	0.435	0.15	0.049	3.19	R	1.00 - 5.00
5C-00006	10009	Tl-208	0.498	0.016	0.018	0.937		1.00 - 5.00
5C-00006	10009	Tm-171	2.5	5.5	1.7	72.4	U	1.00 - 5.00
5C-00006	10009	U-233/234	0.679	0.002	0.035	2.02		1.00 - 5.00
5C-00006	10009	U-235/236	0.0354	0.0051	0.0053	0.151		1.00 - 5.00
5C-00006	10009	U-238	0.719	0.002	0.036	1.8		1.00 - 5.00
5C-00007	10010	Ac-227	0.036	0.12	0.047	0.217	U	1.00 - 5.00
5C-00007	10010	Ac-228	1.15	0.061	0.041	2.4		1.00 - 5.00
5C-00007	10010	Ag-108	-0.0009	0.0011	0.0003	--	L U R	1.00 - 5.00
5C-00007	10010	Ag-108m	-0.01	0.012	0.0035	--	L U R	1.00 - 5.00
5C-00007	10010	Am-241	0.0019	0.0047	0.0015	0.0454		1.00 - 5.00
5C-00007	10010	Ba-133	-0.0187	0.015	0.0047	--	R U	1.00 - 5.00
5C-00007	10010	Ba-137m	0.0116	0.008	0.0035	--		1.00 - 5.00
5C-00007	10010	Bi-212	1	0.11	0.074	2.15		1.00 - 5.00
5C-00007	10010	Bi-214	0.794	0.021	0.031	1.59		1.00 - 5.00
5C-00007	10010	C-14	0.0345	0.03	0.0095	2.96		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00007	10010	Cd-113m	-1.3	33	9.9	3030	U	1.00 - 5.00
5C-00007	10010	Cf-249	-0.022	0.054	0.016	--	U R	1.00 - 5.00
5C-00007	10010	Cm-243/244	0.0006	0.0017	0.0006	0.0443	U	1.00 - 5.00
5C-00007	10010	Cm-245/246	0.0009	0.0025	0.0009	0.0401	U J	1.00 - 5.00
5C-00007	10010	Cm-247/248	0.0009	0.0024	0.0009	0.0306	U J	1.00 - 5.00
5C-00007	10010	Co-60	0.0001	0.014	0.0041	0.028	U	1.00 - 5.00
5C-00007	10010	Cs-134	0.0095	0.034	0.0027	0.0864	U	1.00 - 5.00
5C-00007	10010	Cs-137	0.0123	0.0084	0.0037	0.207		1.00 - 5.00
5C-00007	10010	Eu-152	0.033	0.022	0.011	0.0566		1.00 - 5.00
5C-00007	10010	Eu-154	-0.023	0.073	0.022	0.15	U	1.00 - 5.00
5C-00007	10010	Eu-155	0.076	0.03	0.013	0.231	S K	1.00 - 5.00
5C-00007	10010	H-3	0.072	0.18	0.054	11.9	U	1.00 - 5.00
5C-00007	10010	Ho-166m	0.0158	0.019	0.006	0.0432	S K	1.00 - 5.00
5C-00007	10010	K-40	18.7	0.14	0.62	32.4		1.00 - 5.00
5C-00007	10010	Na-22	0.0043	0.016	0.0049	0.037	U	1.00 - 5.00
5C-00007	10010	Nb-94	0.0033	0.01	0.0022	0.0214	U	1.00 - 5.00
5C-00007	10010	Np-236	0.0008	0.023	0.0069	0.047	U	1.00 - 5.00
5C-00007	10010	Np-239	0.005	0.074	0.022	0.139	U	1.00 - 5.00
5C-00007	10010	Pa-231	0.01	0.47	0.14	0.936	U	1.00 - 5.00
5C-00007	10010	Pb-212	1.52	0.02	0.08	2.69		1.00 - 5.00
5C-00007	10010	Pb-214	0.895	0.022	0.034	1.7		1.00 - 5.00
5C-00007	10010	Pu-236	0.0002	0.0069	0.0015	7.79	U	1.00 - 5.00
5C-00007	10010	Pu-238	0.001	0.0069	0.0017	0.0415	U	1.00 - 5.00
5C-00007	10010	Pu-239/240	-0.0005	0.0049	0.0006	0.0404	U	1.00 - 5.00
5C-00007	10010	Pu-244	0.0017	0.0022	0.0012	0.0313		1.00 - 5.00
5C-00007	10010	Rn-220	1.26	0.02	0.11	--		1.00 - 5.00
5C-00007	10010	Rn-222	0.845	0.021	0.046	--		1.00 - 5.00
5C-00007	10010	Sb-125	0.145	0.031	0.0099	0.354	S K	1.00 - 5.00
5C-00007	10010	Sn-126	0.0001	0.012	0.0035	0.0237	U	1.00 - 5.00
5C-00007	10010	Sr-90	-0.01	0.053	0.015	0.485	U	1.00 - 5.00
5C-00007	10010	Tc-99	-0.043	0.28	0.084	1.63	U	1.00 - 5.00
5C-00007	10010	Te-125m	0.0335	0.0072	0.0023	0.0838	S K	1.00 - 5.00
5C-00007	10010	Th-228	1.06	0.012	0.053	3.98		1.00 - 5.00
5C-00007	10010	Th-229	0.0037	0.0033	0.0021	0.145		1.00 - 5.00
5C-00007	10010	Th-230	0.735	0.002	0.039	2.2		1.00 - 5.00
5C-00007	10010	Th-232	0.96	0.002	0.048	3.1		1.00 - 5.00
5C-00007	10010	Th-234	1.39	0.13	0.08	3.19	R	1.00 - 5.00
5C-00007	10010	Tl-208	0.476	0.013	0.018	0.937		1.00 - 5.00
5C-00007	10010	Tm-171	0.8	3.8	1.2	72.4	U	1.00 - 5.00
5C-00007	10010	U-233/234	0.672	0.005	0.035	2.02		1.00 - 5.00
5C-00007	10010	U-235/236	0.041	0.002	0.0057	0.151		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00007	10010	U-238	0.726	0.006	0.037	1.8		1.00 - 5.00
5C-00008	10011	Ac-227	0.049	0.11	0.034	0.217	U	0.00 - 0.50
5C-00008	10011	Ac-228	1.12	0.057	0.038	2.4		0.00 - 0.50
5C-00008	10011	Ag-108	-0.0008	0.001	0.0003	--	UJ	0.00 - 0.50
5C-00008	10011	Ag-108m	-0.0086	0.011	0.0034	--	UJ	0.00 - 0.50
5C-00008	10011	Am-241	0.0011	0.0015	0.0008	0.0454	U	0.00 - 0.50
5C-00008	10011	Ba-133	-0.0213	0.015	0.0046	--	R	0.00 - 0.50
5C-00008	10011	Ba-137m	0.0028	0.011	0.0033	--	U	0.00 - 0.50
5C-00008	10011	Bi-212	0.929	0.087	0.056	2.15		0.00 - 0.50
5C-00008	10011	Bi-214	0.746	0.021	0.029	1.59		0.00 - 0.50
5C-00008	10011	C-14	0.0309	0.028	0.0089	2.96		0.00 - 0.50
5C-00008	10011	Cd-113m	-1	32	9.6	3030	U	0.00 - 0.50
5C-00008	10011	Cf-249	-0.01	0.036	0.011	--	U	0.00 - 0.50
5C-00008	10011	Cm-243/244	0.0016	0.0015	0.0009	0.0443		0.00 - 0.50
5C-00008	10011	Cm-245/246	0.0017	0.0043	0.0013	0.0401		0.00 - 0.50
5C-00008	10011	Cm-247/248	-0.0006	0.0053	0.0011	0.0306	U	0.00 - 0.50
5C-00008	10011	Co-60	0.0003	0.013	0.0017	0.028	U	0.00 - 0.50
5C-00008	10011	Cs-134	-0.0213	0.015	0.0048	0.0864	R	0.00 - 0.50
5C-00008	10011	Cs-137	0.003	0.011	0.0035	0.207	U	0.00 - 0.50
5C-00008	10011	Eu-152	-0.0082	0.03	0.0089	0.0566	U	0.00 - 0.50
5C-00008	10011	Eu-154	0.005	0.068	0.02	0.15	U	0.00 - 0.50
5C-00008	10011	Eu-155	0.078	0.029	0.012	0.231		0.00 - 0.50
5C-00008	10011	H-3	0.075	0.19	0.057	11.9		0.00 - 0.50
5C-00008	10011	Ho-166m	0.0064	0.018	0.0038	0.0432	U	0.00 - 0.50
5C-00008	10011	K-40	17.1	0.13	0.57	32.4		0.00 - 0.50
5C-00008	10011	Na-22	0	0.016	0.0049	0.037	U	0.00 - 0.50
5C-00008	10011	Nb-94	0.0037	0.0097	0.0029	0.0214	U	0.00 - 0.50
5C-00008	10011	Ni-59	0	0.22	0.07	5.96		0.00 - 0.50
5C-00008	10011	Ni-63	-0.02	0.84	0.25	4.92		0.00 - 0.50
5C-00008	10011	Np-236	-0.0009	0.023	0.0069	0.047	U	0.00 - 0.50
5C-00008	10011	Np-239	-0.008	0.07	0.021	0.139	U	0.00 - 0.50
5C-00008	10011	Pa-231	0.19	0.44	0.13	0.936	U	0.00 - 0.50
5C-00008	10011	Pb-212	1.45	0.02	0.077	2.69		0.00 - 0.50
5C-00008	10011	Pb-214	0.803	0.021	0.03	1.7		0.00 - 0.50
5C-00008	10011	Pu-236	0	0.0031	0.001	7.79	U	0.00 - 0.50
5C-00008	10011	Pu-238	0.0012	0.0031	0.0012	0.0415	U	0.00 - 0.50
5C-00008	10011	Pu-239/240	0.0005	0.0068	0.0014	0.0404	U	0.00 - 0.50
5C-00008	10011	Pu-244	0.0005	0.0068	0.0014	0.0313	U	0.00 - 0.50
5C-00008	10011	Rn-220	1.19	0.02	0.095	--		0.00 - 0.50
5C-00008	10011	Rn-222	0.774	0.021	0.042	--		0.00 - 0.50
5C-00008	10011	Sb-125	0.133	0.028	0.0098	0.354	J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00008	10011	Sn-126	0.0016	0.011	0.0033	0.0237	U	0.00 - 0.50
5C-00008	10011	Sr-90	-0.014	0.043	0.012	0.485	U	0.00 - 0.50
5C-00008	10011	Tc-99	-0.01	0.33	0.1	1.63		0.00 - 0.50
5C-00008	10011	Te-125m	0.0306	0.0066	0.0023	0.0838	J	0.00 - 0.50
5C-00008	10011	Th-228	1.21	0.014	0.059	3.98		0.00 - 0.50
5C-00008	10011	Th-229	0.0048	0.0064	0.0024	0.145		0.00 - 0.50
5C-00008	10011	Th-230	0.855	0.002	0.044	2.2		0.00 - 0.50
5C-00008	10011	Th-232	1.16	0.002	0.057	3.1		0.00 - 0.50
5C-00008	10011	Th-234	0.486	0.13	0.046	3.19	J R	0.00 - 0.50
5C-00008	10011	Tl-208	0.453	0.013	0.018	0.937		0.00 - 0.50
5C-00008	10011	Tm-171	4.4	4.3	1.7	72.4		0.00 - 0.50
5C-00008	10011	U-233/234	0.666	0.001	0.034	2.02		0.00 - 0.50
5C-00008	10011	U-235/236	0.0348	0.0047	0.0051	0.151		0.00 - 0.50
5C-00008	10011	U-238	0.666	0.001	0.034	1.8		0.00 - 0.50
5C-00008	10012	Ac-227	0.302	0.11	0.017	0.217	Z	1.00 - 5.00
5C-00008	10012	Ac-228	1.19	0.061	0.042	2.4		1.00 - 5.00
5C-00008	10012	Ag-108	-0.0011	0.0011	0.0003	--	R U	1.00 - 5.00
5C-00008	10012	Ag-108m	-0.0122	0.012	0.0036	--	R U	1.00 - 5.00
5C-00008	10012	Am-241	0.0025	0.0037	0.0014	0.0454		1.00 - 5.00
5C-00008	10012	Ba-133	-0.074	0.017	0.0061	--	R U	1.00 - 5.00
5C-00008	10012	Ba-137m	-0.0003	0.012	0.0036	--	U	1.00 - 5.00
5C-00008	10012	Bi-212	0.925	0.11	0.07	2.15		1.00 - 5.00
5C-00008	10012	Bi-214	0.803	0.021	0.031	1.59		1.00 - 5.00
5C-00008	10012	C-14	0.0211	0.028	0.0087	2.96		1.00 - 5.00
5C-00008	10012	Cd-113m	7.4	32	9.8	3030	U	1.00 - 5.00
5C-00008	10012	Cf-249	0.031	0.049	0.015	--	R	1.00 - 5.00
5C-00008	10012	Cm-243/244	0.001	0.0013	0.0007	0.0443	U	1.00 - 5.00
5C-00008	10012	Cm-245/246	0.001	0.0014	0.0007	0.0401	U	1.00 - 5.00
5C-00008	10012	Cm-247/248	0	0.0013	0.0006	0.0306	U	1.00 - 5.00
5C-00008	10012	Co-60	0.0019	0.014	0.0035	0.028	U	1.00 - 5.00
5C-00008	10012	Cs-134	0.0134	0.044	0.0038	0.0864	U	1.00 - 5.00
5C-00008	10012	Cs-137	-0.0003	0.013	0.0038	0.207	U	1.00 - 5.00
5C-00008	10012	Eu-152	0.008	0.03	0.0041	0.0566	U	1.00 - 5.00
5C-00008	10012	Eu-154	0.0057	0.076	0.0064	0.15	U	1.00 - 5.00
5C-00008	10012	Eu-155	0.086	0.026	0.011	0.231	S K	1.00 - 5.00
5C-00008	10012	H-3	0.156	0.18	0.057	11.9		1.00 - 5.00
5C-00008	10012	Ho-166m	0.0193	0.019	0.0041	0.0432	S K	1.00 - 5.00
5C-00008	10012	K-40	17.5	0.13	0.59	32.4		1.00 - 5.00
5C-00008	10012	Na-22	-0.0045	0.016	0.0049	0.037	U	1.00 - 5.00
5C-00008	10012	Nb-94	0.004	0.011	0.0032	0.0214	U	1.00 - 5.00
5C-00008	10012	Np-236	-0.0016	0.026	0.0078	0.047	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00008	10012	Np-239	-0.011	0.073	0.022	0.139	U	1.00 - 5.00
5C-00008	10012	Pa-231	-0.01	0.44	0.13	0.936	U	1.00 - 5.00
5C-00008	10012	Pb-212	1.41	0.023	0.075	2.69		1.00 - 5.00
5C-00008	10012	Pb-214	0.888	0.019	0.033	1.7		1.00 - 5.00
5C-00008	10012	Pu-236	0	0.0021	0.0007	7.79	U	1.00 - 5.00
5C-00008	10012	Pu-238	-0.0009	0.0056	0.0007	0.0415	U	1.00 - 5.00
5C-00008	10012	Pu-239/240	0	0.0021	0.0007	0.0404	U	1.00 - 5.00
5C-00008	10012	Pu-244	0.0003	0.0046	0.0009	0.0313	U	1.00 - 5.00
5C-00008	10012	Rn-220	1.17	0.02	0.1	--		1.00 - 5.00
5C-00008	10012	Rn-222	0.846	0.019	0.045	--		1.00 - 5.00
5C-00008	10012	Sb-125	0.118	0.03	0.0082	0.354	S K	1.00 - 5.00
5C-00008	10012	Sn-126	0.0007	0.0088	0.0026	0.0237	U	1.00 - 5.00
5C-00008	10012	Sr-90	0.023	0.049	0.015	0.485	U	1.00 - 5.00
5C-00008	10012	Tc-99	-0.029	0.26	0.08	1.63	U	1.00 - 5.00
5C-00008	10012	Te-125m	0.0272	0.007	0.0019	0.0838	S K	1.00 - 5.00
5C-00008	10012	Th-228	1.2	0.019	0.064	3.98		1.00 - 5.00
5C-00008	10012	Th-229	0.0096	0.0071	0.0034	0.145		1.00 - 5.00
5C-00008	10012	Th-230	0.887	0.015	0.05	2.2		1.00 - 5.00
5C-00008	10012	Th-232	1.19	0.012	0.063	3.1		1.00 - 5.00
5C-00008	10012	Th-234	1.4	0.13	0.081	3.19	R	1.00 - 5.00
5C-00008	10012	Tl-208	0.442	0.014	0.017	0.937		1.00 - 5.00
5C-00008	10012	Tm-171	-0.5	4.7	1.4	72.4	U	1.00 - 5.00
5C-00008	10012	U-233/234	0.668	0.001	0.032	2.02		1.00 - 5.00
5C-00008	10012	U-235/236	0.0323	0.0046	0.0044	0.151		1.00 - 5.00
5C-00008	10012	U-238	0.692	0.001	0.033	1.8		1.00 - 5.00
5C-00009	10013	Ac-227	0.02	0.13	0.063	0.217	U	1.00 - 5.00
5C-00009	10013	Ac-228	1.16	0.075	0.04	2.4		1.00 - 5.00
5C-00009	10013	Ag-108	0.0001	0.0012	0.0001	--	U R	1.00 - 5.00
5C-00009	10013	Ag-108m	0.0009	0.013	0.0015	--	U R	1.00 - 5.00
5C-00009	10013	Am-241	0	0.01	0.0025	0.0454	U	1.00 - 5.00
5C-00009	10013	Ba-133	-0.0072	0.015	0.0046	--	U R	1.00 - 5.00
5C-00009	10013	Ba-137m	0.0102	0.017	0.0068	--		1.00 - 5.00
5C-00009	10013	Bi-212	0.931	0.13	0.075	2.15		1.00 - 5.00
5C-00009	10013	Bi-214	0.814	0.025	0.03	1.59		1.00 - 5.00
5C-00009	10013	C-14	0.057	0.13	0.038	2.96	U J	1.00 - 5.00
5C-00009	10013	Cd-113m	-1	39	12	3030	U	1.00 - 5.00
5C-00009	10013	Cf-249	0.019	0.062	0.019	--	U R	1.00 - 5.00
5C-00009	10013	Cm-243/244	0	0.007	0.0014	0.0443	U	1.00 - 5.00
5C-00009	10013	Cm-245/246	0.0008	0.0021	0.0008	0.0401	U J	1.00 - 5.00
5C-00009	10013	Cm-247/248	0.0015	0.002	0.0011	0.0306	U	1.00 - 5.00
5C-00009	10013	Co-60	0.0024	0.018	0.0037	0.028	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00009	10013	Cs-134	0.0056	0.012	0.0044	0.0864	S K	1.00 - 5.00
5C-00009	10013	Cs-137	0.0108	0.018	0.0072	0.207		1.00 - 5.00
5C-00009	10013	Eu-152	-0.0001	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00009	10013	Eu-154	-0.018	0.09	0.027	0.15	U	1.00 - 5.00
5C-00009	10013	Eu-155	0.055	0.032	0.013	0.231	S K	1.00 - 5.00
5C-00009	10013	H-3	0.052	0.19	0.058	11.9	U	1.00 - 5.00
5C-00009	10013	H-3	2.7	0.19	0.14	11.9		1.00 - 5.00
5C-00009	10013	Ho-166m	0.009	0.025	0.0072	0.0432	U	1.00 - 5.00
5C-00009	10013	K-40	17.3	0.13	0.53	32.4		1.00 - 5.00
5C-00009	10013	Na-22	-0.0053	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00009	10013	Nb-94	0.001	0.013	0.0012	0.0214	U	1.00 - 5.00
5C-00009	10013	Ni-59	0	0.22	0.06	5.96	U	1.00 - 5.00
5C-00009	10013	Ni-63	0.12	0.56	0.17	4.92	U	1.00 - 5.00
5C-00009	10013	Np-236	-0.0017	0.028	0.0084	0.047	U	1.00 - 5.00
5C-00009	10013	Np-239	-0.0001	0.085	0.026	0.139	U	1.00 - 5.00
5C-00009	10013	Pa-231	-0.007	0.53	0.16	0.936	U	1.00 - 5.00
5C-00009	10013	Pb-212	1.49	0.022	0.061	2.69		1.00 - 5.00
5C-00009	10013	Pb-214	0.881	0.027	0.03	1.7		1.00 - 5.00
5C-00009	10013	Pu-236	0	0.0015	0.0006	7.79	U	1.00 - 5.00
5C-00009	10013	Pu-238	-0.0006	0.006	0.0013	0.0415	U	1.00 - 5.00
5C-00009	10013	Pu-239/240	0	0.0015	0.0006	0.0404	U	1.00 - 5.00
5C-00009	10013	Pu-244	0.0006	0.0041	0.001	0.0313	U	1.00 - 5.00
5C-00009	10013	Rn-220	1.21	0.022	0.096	--		1.00 - 5.00
5C-00009	10013	Rn-222	0.847	0.025	0.042	--		1.00 - 5.00
5C-00009	10013	Sb-125	0.119	0.041	0.0095	0.354	S K	1.00 - 5.00
5C-00009	10013	Sn-126	-0.003	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00009	10013	Sr-90	-0.014	0.044	0.012	0.485	U	1.00 - 5.00
5C-00009	10013	Tc-99	-0.041	0.29	0.088	1.63	U	1.00 - 5.00
5C-00009	10013	Te-125m	0.0275	0.0094	0.0022	0.0838	S K	1.00 - 5.00
5C-00009	10013	Th-228	1.31	0.013	0.068	3.98		1.00 - 5.00
5C-00009	10013	Th-229	0.0126	0.0023	0.0033	0.145		1.00 - 5.00
5C-00009	10013	Th-230	0.902	0.003	0.05	2.2		1.00 - 5.00
5C-00009	10013	Th-232	1.25	0.009	0.065	3.1		1.00 - 5.00
5C-00009	10013	Th-234	0.319	0.16	0.049	3.19	R	1.00 - 5.00
5C-00009	10013	Tl-208	0.454	0.016	0.017	0.937		1.00 - 5.00
5C-00009	10013	Tm-171	2.9	5.4	1.7	72.4		1.00 - 5.00
5C-00009	10013	U-233/234	0.635	0.006	0.035	2.02		1.00 - 5.00
5C-00009	10013	U-235/236	0.0289	0.0079	0.0059	0.151		1.00 - 5.00
5C-00009	10013	U-238	0.672	0.002	0.037	1.8		1.00 - 5.00
5C-00010	10014	Ac-227	0.056	0.11	0.012	0.217		1.00 - 5.00
5C-00010	10014	Ac-228	1.1	0.052	0.039	2.4		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00010	10014	Ag-108	-0.0014	0.001	0.0003	--	R U	1.00 - 5.00
5C-00010	10014	Ag-108m	-0.0145	0.01	0.0033	--	R U	1.00 - 5.00
5C-00010	10014	Am-241	0.0007	0.0052	0.0013	0.0454	U	1.00 - 5.00
5C-00010	10014	Ba-133	-0.0212	0.014	0.0045	--	R U	1.00 - 5.00
5C-00010	10014	Ba-137m	-0.005	0.01	0.0031	--	U	1.00 - 5.00
5C-00010	10014	Bi-212	0.877	0.086	0.056	2.15		1.00 - 5.00
5C-00010	10014	Bi-214	0.743	0.019	0.028	1.59		1.00 - 5.00
5C-00010	10014	C-14	0.0259	0.029	0.0089	2.96		1.00 - 5.00
5C-00010	10014	Cd-113m	9.8	23	7.1	3030	U	1.00 - 5.00
5C-00010	10014	Cf-249	-0.016	0.045	0.014	--	U R	1.00 - 5.00
5C-00010	10014	Cm-243/244	-0.0007	0.0051	0.0008	0.0443	U	1.00 - 5.00
5C-00010	10014	Cm-245/246	-0.0016	0.0084	0.0017	0.0401	U J	1.00 - 5.00
5C-00010	10014	Cm-247/248	0	0.0056	0.0011	0.0306	U J	1.00 - 5.00
5C-00010	10014	Co-60	-0.0008	0.013	0.0037	0.028	U	1.00 - 5.00
5C-00010	10014	Cs-134	0.0001	0.032	0.0096	0.0864	U	1.00 - 5.00
5C-00010	10014	Cs-137	-0.0053	0.011	0.0033	0.207	U	1.00 - 5.00
5C-00010	10014	Eu-152	0.012	0.019	0.01	0.0566		1.00 - 5.00
5C-00010	10014	Eu-154	-0.026	0.067	0.02	0.15	U	1.00 - 5.00
5C-00010	10014	Eu-155	0.078	0.026	0.011	0.231	S K	1.00 - 5.00
5C-00010	10014	H-3	0.017	0.18	0.055	11.9	U	1.00 - 5.00
5C-00010	10014	Ho-166m	0.0038	0.017	0.0045	0.0432	U	1.00 - 5.00
5C-00010	10014	K-40	17.6	0.12	0.59	32.4		1.00 - 5.00
5C-00010	10014	Na-22	0.0022	0.015	0.0044	0.037	U	1.00 - 5.00
5C-00010	10014	Nb-94	0.0044	0.0093	0.0028	0.0214	U	1.00 - 5.00
5C-00010	10014	Np-236	-0.0028	0.024	0.0073	0.047	U	1.00 - 5.00
5C-00010	10014	Np-239	0.003	0.06	0.018	0.139	U	1.00 - 5.00
5C-00010	10014	Pa-231	0.11	0.43	0.13	0.936	U	1.00 - 5.00
5C-00010	10014	Pb-212	1.4	0.018	0.074	2.69		1.00 - 5.00
5C-00010	10014	Pb-214	0.819	0.021	0.031	1.7		1.00 - 5.00
5C-00010	10014	Pu-236	0	0.0026	0.0008	7.79	U	1.00 - 5.00
5C-00010	10014	Pu-238	-0.0006	0.0057	0.0007	0.0415	U	1.00 - 5.00
5C-00010	10014	Pu-239/240	-0.0006	0.0057	0.0007	0.0404	U	1.00 - 5.00
5C-00010	10014	Pu-244	0.0019	0.0026	0.0014	0.0313		1.00 - 5.00
5C-00010	10014	Rn-220	1.14	0.018	0.093	--		1.00 - 5.00
5C-00010	10014	Rn-222	0.781	0.019	0.042	--		1.00 - 5.00
5C-00010	10014	Sb-125	0.0925	0.029	0.0066	0.354	S K	1.00 - 5.00
5C-00010	10014	Sn-126	0.0012	0.0079	0.0024	0.0237	U	1.00 - 5.00
5C-00010	10014	Sr-90	0.037	0.045	0.014	0.485		1.00 - 5.00
5C-00010	10014	Tc-99	0.027	0.27	0.083	1.63	U	1.00 - 5.00
5C-00010	10014	Te-125m	0.0214	0.0067	0.0015	0.0838	S K	1.00 - 5.00
5C-00010	10014	Th-228	0.983	0.013	0.05	3.98		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00010	10014	Th-229	0.0075	0.0078	0.0033	0.145		1.00 - 5.00
5C-00010	10014	Th-230	0.674	0.008	0.036	2.2		1.00 - 5.00
5C-00010	10014	Th-232	0.972	0.002	0.049	3.1		1.00 - 5.00
5C-00010	10014	Th-234	0.395	0.12	0.041	3.19	R	1.00 - 5.00
5C-00010	10014	Tl-208	0.411	0.012	0.016	0.937		1.00 - 5.00
5C-00010	10014	Tm-171	-3	4.6	1.4	72.4	L U	1.00 - 5.00
5C-00010	10014	U-233/234	0.718	0.006	0.038	2.02		1.00 - 5.00
5C-00010	10014	U-235/236	0.0352	0.007	0.0061	0.151		1.00 - 5.00
5C-00010	10014	U-238	0.687	0.002	0.037	1.8		1.00 - 5.00
5C-00011	10015	Ac-227	0.022	0.13	0.03	0.217	U	1.00 - 5.00
5C-00011	10015	Ac-228	1.18	0.072	0.04	2.4		1.00 - 5.00
5C-00011	10015	Ag-108	-0.0008	0.0012	0.0004	--	L U R	1.00 - 5.00
5C-00011	10015	Ag-108m	-0.0088	0.013	0.0041	--	L U R	1.00 - 5.00
5C-00011	10015	Am-241	0.0016	0.0014	0.0009	0.0454		1.00 - 5.00
5C-00011	10015	Ba-133	-0.0196	0.017	0.0053	--	R U	1.00 - 5.00
5C-00011	10015	Ba-137m	0.009	0.0088	0.0035	--		1.00 - 5.00
5C-00011	10015	Bi-212	0.91	0.12	0.072	2.15		1.00 - 5.00
5C-00011	10015	Bi-214	0.792	0.024	0.029	1.59		1.00 - 5.00
5C-00011	10015	C-14	0.0396	0.028	0.0092	2.96		1.00 - 5.00
5C-00011	10015	Cd-113m	0.3	36	11	3030	U	1.00 - 5.00
5C-00011	10015	Cf-249	0.007	0.054	0.0036	--	U R	1.00 - 5.00
5C-00011	10015	Cm-243/244	0	0.0038	0.0008	0.0443	U	1.00 - 5.00
5C-00011	10015	Cm-245/246	0	0.0029	0.0012	0.0401	U J	1.00 - 5.00
5C-00011	10015	Cm-247/248	0.0032	0.0028	0.0018	0.0306	J	1.00 - 5.00
5C-00011	10015	Co-60	0.0051	0.016	0.0049	0.028	U	1.00 - 5.00
5C-00011	10015	Cs-134	0.0131	0.046	0.0049	0.0864	U	1.00 - 5.00
5C-00011	10015	Cs-137	0.0095	0.0093	0.0037	0.207		1.00 - 5.00
5C-00011	10015	Eu-152	0.016	0.034	0.012	0.0566	U	1.00 - 5.00
5C-00011	10015	Eu-154	0.0025	0.093	0.0019	0.15	U	1.00 - 5.00
5C-00011	10015	Eu-155	0.061	0.03	0.012	0.231	S K	1.00 - 5.00
5C-00011	10015	H-3	0.067	0.18	0.054	11.9	U	1.00 - 5.00
5C-00011	10015	Ho-166m	0.0007	0.022	0.0006	0.0432	U	1.00 - 5.00
5C-00011	10015	K-40	17.5	0.13	0.53	32.4		1.00 - 5.00
5C-00011	10015	Na-22	-0.0084	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00011	10015	Nb-94	0.0049	0.013	0.0038	0.0214	U	1.00 - 5.00
5C-00011	10015	Np-236	0.0036	0.025	0.0077	0.047	U	1.00 - 5.00
5C-00011	10015	Np-239	0.002	0.08	0.024	0.139	U	1.00 - 5.00
5C-00011	10015	Pa-231	-0.1	0.53	0.16	0.936	U	1.00 - 5.00
5C-00011	10015	Pb-212	1.5	0.021	0.061	2.69		1.00 - 5.00
5C-00011	10015	Pb-214	0.853	0.023	0.029	1.7		1.00 - 5.00
5C-00011	10015	Pu-236	-0.0006	0.0054	0.0006	7.79	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00011	10015	Pu-238	-0.0002	0.0066	0.0013	0.0415	U	1.00 - 5.00
5C-00011	10015	Pu-239/240	0	0.0025	0.0008	0.0404	U	1.00 - 5.00
5C-00011	10015	Pu-244	0.0046	0.0025	0.002	0.0313		1.00 - 5.00
5C-00011	10015	Rn-220	1.21	0.021	0.095	--		1.00 - 5.00
5C-00011	10015	Rn-222	0.822	0.023	0.041	--		1.00 - 5.00
5C-00011	10015	Sb-125	0.135	0.037	0.01	0.354	S K	1.00 - 5.00
5C-00011	10015	Sn-126	-0.0021	0.014	0.0043	0.0237	U	1.00 - 5.00
5C-00011	10015	Sr-90	0.021	0.052	0.016	0.485	U	1.00 - 5.00
5C-00011	10015	Tc-99	-0.008	0.28	0.083	1.63	U	1.00 - 5.00
5C-00011	10015	Te-125m	0.0313	0.0085	0.0024	0.0838	S K	1.00 - 5.00
5C-00011	10015	Th-228	1.09	0.017	0.055	3.98		1.00 - 5.00
5C-00011	10015	Th-229	0.0064	0.014	0.0043	0.145		1.00 - 5.00
5C-00011	10015	Th-230	0.721	0.006	0.039	2.2		1.00 - 5.00
5C-00011	10015	Th-232	1.04	0.011	0.053	3.1		1.00 - 5.00
5C-00011	10015	Th-234	0.292	0.14	0.044	3.19	R	1.00 - 5.00
5C-00011	10015	Tl-208	0.462	0.015	0.017	0.937		1.00 - 5.00
5C-00011	10015	Tm-171	-0.6	5.5	1.7	72.4	U	1.00 - 5.00
5C-00011	10015	U-233/234	0.605	0.005	0.031	2.02		1.00 - 5.00
5C-00011	10015	U-235/236	0.0423	0.0017	0.0054	0.151		1.00 - 5.00
5C-00011	10015	U-238	0.614	0.005	0.031	1.8		1.00 - 5.00
5C-00012	10016	Ac-227	0.022	0.12	0.023	0.217	U	0.00 - 0.50
5C-00012	10016	Ac-228	1.23	0.067	0.043	2.4		0.00 - 0.50
5C-00012	10016	Ag-108	-0.0011	0.0011	0.0004	--	R U	0.00 - 0.50
5C-00012	10016	Ag-108m	-0.0115	0.012	0.0038	--	R U	0.00 - 0.50
5C-00012	10016	Am-241	0	0.0065	0.0015	0.0454	U	0.00 - 0.50
5C-00012	10016	Ba-133	-0.0832	0.019	0.0068	--	R U	0.00 - 0.50
5C-00012	10016	Ba-137m	0.0048	0.0089	0.0027	--		0.00 - 0.50
5C-00012	10016	Bi-212	0.918	0.12	0.07	2.15		0.00 - 0.50
5C-00012	10016	Bi-214	0.8	0.021	0.031	1.59		0.00 - 0.50
5C-00012	10016	C-14	0.044	0.033	0.011	2.96		0.00 - 0.50
5C-00012	10016	Cd-113m	-2	35	10	3030	U	0.00 - 0.50
5C-00012	10016	Cf-249	-0.031	0.055	0.017	--	U R	0.00 - 0.50
5C-00012	10016	Cm-243/244	-0.0007	0.0074	0.0016	0.0443	U	0.00 - 0.50
5C-00012	10016	Cm-245/246	0	0.0034	0.0014	0.0401	U J	0.00 - 0.50
5C-00012	10016	Cm-247/248	0.0012	0.0033	0.0012	0.0306	U J	0.00 - 0.50
5C-00012	10016	Co-60	-0.0032	0.015	0.0045	0.028	U	0.00 - 0.50
5C-00012	10016	Cs-134	0.0065	0.047	0.0018	0.0864	U	0.00 - 0.50
5C-00012	10016	Cs-137	0.0051	0.0095	0.0029	0.207		0.00 - 0.50
5C-00012	10016	Eu-152	-0.0071	0.032	0.0097	0.0566	U	0.00 - 0.50
5C-00012	10016	Eu-154	0.023	0.08	0.011	0.15	U	0.00 - 0.50
5C-00012	10016	Eu-155	0.089	0.032	0.014	0.231	S K	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00012	10016	H-3	0.102	0.19	0.058	11.9		0.00 - 0.50
5C-00012	10016	Ho-166m	0.0104	0.019	0.0038	0.0432	S K	0.00 - 0.50
5C-00012	10016	K-40	18.3	0.15	0.61	32.4		0.00 - 0.50
5C-00012	10016	Na-22	0	0.015	0.0046	0.037	U	0.00 - 0.50
5C-00012	10016	Nb-94	0.0027	0.011	0.002	0.0214	U	0.00 - 0.50
5C-00012	10016	Ni-59	0	0.17	0.046	5.96	U	0.00 - 0.50
5C-00012	10016	Ni-63	0.04	0.65	0.2	4.92	U	0.00 - 0.50
5C-00012	10016	Np-236	-0.0074	0.024	0.0074	0.047	U	0.00 - 0.50
5C-00012	10016	Np-239	-0.003	0.075	0.023	0.139	U	0.00 - 0.50
5C-00012	10016	Pa-231	0.15	0.46	0.14	0.936	U	0.00 - 0.50
5C-00012	10016	Pb-212	1.53	0.029	0.081	2.69		0.00 - 0.50
5C-00012	10016	Pb-214	0.929	0.02	0.035	1.7		0.00 - 0.50
5C-00012	10016	Pu-236	-0.0011	0.007	0.0016	7.79	U	0.00 - 0.50
5C-00012	10016	Pu-238	0.0011	0.0039	0.0011	0.0415	U	0.00 - 0.50
5C-00012	10016	Pu-239/240	0.0011	0.0014	0.0008	0.0404	U	0.00 - 0.50
5C-00012	10016	Pu-244	0.0011	0.0014	0.0008	0.0313	U	0.00 - 0.50
5C-00012	10016	Rn-220	1.22	0.03	0.11	--		0.00 - 0.50
5C-00012	10016	Rn-222	0.864	0.02	0.046	--		0.00 - 0.50
5C-00012	10016	Sb-125	0.118	0.035	0.0083	0.354	S K	0.00 - 0.50
5C-00012	10016	Sn-126	-0.0008	0.012	0.0037	0.0237	U	0.00 - 0.50
5C-00012	10016	Sr-90	0.0134	0.03	0.0092	0.485	U	0.00 - 0.50
5C-00012	10016	Tc-99	-0.034	0.31	0.095	1.63	U	0.00 - 0.50
5C-00012	10016	Te-125m	0.0272	0.0081	0.0019	0.0838	S K	0.00 - 0.50
5C-00012	10016	Th-228	1.33	0.02	0.071	3.98	J	0.00 - 0.50
5C-00012	10016	Th-229	0.0038	0.0046	0.0018	0.145		0.00 - 0.50
5C-00012	10016	Th-230	0.905	0.013	0.052	2.2	J	0.00 - 0.50
5C-00012	10016	Th-232	1.3	0.004	0.07	3.1	J	0.00 - 0.50
5C-00012	10016	Th-234	1.39	0.13	0.082	3.19	R	0.00 - 0.50
5C-00012	10016	Tl-208	0.483	0.014	0.019	0.937		0.00 - 0.50
5C-00012	10016	Tm-171	0.5	3.8	1.2	72.4	U	0.00 - 0.50
5C-00012	10016	U-233/234	0.628	0.003	0.031	2.02		0.00 - 0.50
5C-00012	10016	U-235/236	0.0282	0.004	0.0042	0.151		0.00 - 0.50
5C-00012	10016	U-238	0.639	0.001	0.032	1.8		0.00 - 0.50
5C-00012	10017	Ac-227	0.042	0.13	0.015	0.217	U	1.00 - 5.00
5C-00012	10017	Ac-228	1.13	0.072	0.038	2.4		1.00 - 5.00
5C-00012	10017	Ag-108	-0.001	0.0013	0.0004	--	L U R	1.00 - 5.00
5C-00012	10017	Ag-108m	-0.0107	0.014	0.0042	--	L U R	1.00 - 5.00
5C-00012	10017	Am-241	0	0.0076	0.0018	0.0454	U	1.00 - 5.00
5C-00012	10017	Ba-133	-0.0225	0.018	0.0055	--	R U	1.00 - 5.00
5C-00012	10017	Ba-137m	0.0032	0.014	0.0042	--	U	1.00 - 5.00
5C-00012	10017	Bi-212	0.904	0.13	0.083	2.15		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00012	10017	Bi-214	0.707	0.024	0.027	1.59		1.00 - 5.00
5C-00012	10017	C-14	-0.0261	0.026	0.0076	2.96	R U	1.00 - 5.00
5C-00012	10017	Cd-113m	8	38	11	3030	U	1.00 - 5.00
5C-00012	10017	Cf-249	0.0082	0.059	0.0052	--	U R	1.00 - 5.00
5C-00012	10017	Cm-243/244	-0.0014	0.014	0.0037	0.0443	U	1.00 - 5.00
5C-00012	10017	Cm-245/246	0.0012	0.0017	0.0009	0.0401	U	1.00 - 5.00
5C-00012	10017	Cm-247/248	0	0.0016	0.0007	0.0306	U	1.00 - 5.00
5C-00012	10017	Co-60	0.0041	0.016	0.0039	0.028	U	1.00 - 5.00
5C-00012	10017	Cs-134	-0.003	0.044	0.013	0.0864	U	1.00 - 5.00
5C-00012	10017	Cs-137	0.0034	0.015	0.0044	0.207	U	1.00 - 5.00
5C-00012	10017	Eu-152	-0.006	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00012	10017	Eu-154	0.025	0.091	0.023	0.15	U	1.00 - 5.00
5C-00012	10017	Eu-155	0.061	0.031	0.013	0.231	S K	1.00 - 5.00
5C-00012	10017	H-3	0.042	0.19	0.058	11.9	U	1.00 - 5.00
5C-00012	10017	Ho-166m	0.0007	0.023	0.0008	0.0432	U	1.00 - 5.00
5C-00012	10017	K-40	18.1	0.12	0.55	32.4		1.00 - 5.00
5C-00012	10017	Na-22	0.0025	0.022	0.0066	0.037	U	1.00 - 5.00
5C-00012	10017	Nb-94	0.0049	0.013	0.0039	0.0214	U	1.00 - 5.00
5C-00012	10017	Ni-59	0	0.23	0.063	5.96	U	1.00 - 5.00
5C-00012	10017	Ni-63	-0.02	0.58	0.17	4.92	U	1.00 - 5.00
5C-00012	10017	Np-236	-0.0015	0.028	0.0085	0.047	U	1.00 - 5.00
5C-00012	10017	Np-239	-0.021	0.077	0.023	0.139	U	1.00 - 5.00
5C-00012	10017	Pa-231	0.08	0.53	0.16	0.936	U	1.00 - 5.00
5C-00012	10017	Pb-212	1.46	0.02	0.059	2.69		1.00 - 5.00
5C-00012	10017	Pb-214	0.805	0.025	0.029	1.7		1.00 - 5.00
5C-00012	10017	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 5.00
5C-00012	10017	Pu-238	-0.0015	0.0055	0.001	0.0415	U	1.00 - 5.00
5C-00012	10017	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00012	10017	Pu-244	0.0015	0.0014	0.0009	0.0313		1.00 - 5.00
5C-00012	10017	Rn-220	1.18	0.02	0.1	--		1.00 - 5.00
5C-00012	10017	Rn-222	0.756	0.024	0.039	--		1.00 - 5.00
5C-00012	10017	Sb-125	0.134	0.036	0.01	0.354	S K	1.00 - 5.00
5C-00012	10017	Sn-126	0.0033	0.015	0.0044	0.0237	U	1.00 - 5.00
5C-00012	10017	Sr-90	0.008	0.048	0.014	0.485	U	1.00 - 5.00
5C-00012	10017	Tc-99	-0.03	0.27	0.083	1.63	U	1.00 - 5.00
5C-00012	10017	Te-125m	0.031	0.0083	0.0024	0.0838	S K	1.00 - 5.00
5C-00012	10017	Th-228	1.12	0.015	0.058	3.98		1.00 - 5.00
5C-00012	10017	Th-229	0.0057	0.0022	0.0022	0.145		1.00 - 5.00
5C-00012	10017	Th-230	0.785	0.003	0.043	2.2		1.00 - 5.00
5C-00012	10017	Th-232	1.16	0.007	0.059	3.1		1.00 - 5.00
5C-00012	10017	Th-234	0.324	0.14	0.044	3.19	R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00012	10017	Tl-208	0.425	0.016	0.016	0.937		1.00 - 5.00
5C-00012	10017	Tm-171	-2.1	5.5	1.7	72.4	U	1.00 - 5.00
5C-00012	10017	U-233/234	0.602	0.008	0.032	2.02		1.00 - 5.00
5C-00012	10017	U-235/236	0.0373	0.0023	0.0058	0.151		1.00 - 5.00
5C-00012	10017	U-238	0.603	0.006	0.032	1.8		1.00 - 5.00
5C-00013	10018	Ac-227	0.353	0.11	0.015	0.217	Z	1.00 - 5.00
5C-00013	10018	Ac-228	1.12	0.052	0.035	2.4		1.00 - 5.00
5C-00013	10018	Ag-108	-0.0009	0.001	0.0003	--	R U	1.00 - 5.00
5C-00013	10018	Ag-108m	-0.0096	0.01	0.0031	--	R U	1.00 - 5.00
5C-00013	10018	Am-241	0.0058	0.0031	0.0026	0.0454		1.00 - 5.00
5C-00013	10018	Ba-133	-0.0418	0.013	0.0045	--	R U	1.00 - 5.00
5C-00013	10018	Ba-137m	-0.0052	0.011	0.0033	--	U	1.00 - 5.00
5C-00013	10018	Bi-212	0.839	0.08	0.049	2.15		1.00 - 5.00
5C-00013	10018	Bi-214	0.791	0.02	0.027	1.59		1.00 - 5.00
5C-00013	10018	Cd-113m	4.9	30	9.2	3030	U	1.00 - 5.00
5C-00013	10018	Cf-249	-0.02	0.048	0.015	--	U R	1.00 - 5.00
5C-00013	10018	Cm-243/244	-0.0011	0.0084	0.0013	0.0443	U	1.00 - 5.00
5C-00013	10018	Cm-245/246	0.0029	0.0026	0.0017	0.0401	J	1.00 - 5.00
5C-00013	10018	Cm-247/248	-0.0009	0.0088	0.0018	0.0306	U J	1.00 - 5.00
5C-00013	10018	Co-60	0.009	0.012	0.0035	0.028		1.00 - 5.00
5C-00013	10018	Cs-134	0.0162	0.033	0.0033	0.0864	U	1.00 - 5.00
5C-00013	10018	Cs-137	-0.0055	0.012	0.0035	0.207	U	1.00 - 5.00
5C-00013	10018	Eu-152	0.007	0.028	0.0065	0.0566	U	1.00 - 5.00
5C-00013	10018	Eu-154	0.0022	0.068	0.0025	0.15	U	1.00 - 5.00
5C-00013	10018	Eu-155	0.068	0.026	0.011	0.231	J S K	1.00 - 5.00
5C-00013	10018	Ho-166m	0.0039	0.016	0.0024	0.0432	U	1.00 - 5.00
5C-00013	10018	K-40	19	0.11	0.56	32.4		1.00 - 5.00
5C-00013	10018	Na-22	0.0003	0.016	0.0047	0.037	U	1.00 - 5.00
5C-00013	10018	Nb-94	0.0016	0.0098	0.003	0.0214	U	1.00 - 5.00
5C-00013	10018	Np-236	0.0004	0.025	0.0075	0.047	U	1.00 - 5.00
5C-00013	10018	Np-239	0.023	0.065	0.02	0.139	U	1.00 - 5.00
5C-00013	10018	Pa-231	0.107	0.44	0.093	0.936	U	1.00 - 5.00
5C-00013	10018	Pb-212	1.42	0.018	0.057	2.69		1.00 - 5.00
5C-00013	10018	Pb-214	0.916	0.021	0.03	1.7		1.00 - 5.00
5C-00013	10018	Pu-236	-0.003	0.011	0.0025	7.79	U	1.00 - 5.00
5C-00013	10018	Pu-238	0.0006	0.0057	0.0013	0.0415	U	1.00 - 5.00
5C-00013	10018	Pu-239/240	0.0031	0.0021	0.0016	0.0404		1.00 - 5.00
5C-00013	10018	Pu-244	0.0047	0.0021	0.0019	0.0313		1.00 - 5.00
5C-00013	10018	Rn-220	1.13	0.018	0.075	--		1.00 - 5.00
5C-00013	10018	Rn-222	0.853	0.02	0.041	--		1.00 - 5.00
5C-00013	10018	Sb-125	0.108	0.028	0.0074	0.354	S K	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00013	10018	Sn-126	-0.0008	0.011	0.0033	0.0237	U	1.00 - 5.00
5C-00013	10018	Sr-90	0.012	0.049	0.014	0.485	U	1.00 - 5.00
5C-00013	10018	Te-125m	0.025	0.0065	0.0017	0.0838	S K	1.00 - 5.00
5C-00013	10018	Th-228	1.14	0.012	0.058	3.98		1.00 - 5.00
5C-00013	10018	Th-229	0.0055	0.01	0.0034	0.145		1.00 - 5.00
5C-00013	10018	Th-230	0.884	0.003	0.047	2.2		1.00 - 5.00
5C-00013	10018	Th-232	1.09	0.007	0.056	3.1		1.00 - 5.00
5C-00013	10018	Th-234	1.34	0.12	0.069	3.19	R	1.00 - 5.00
5C-00013	10018	Tl-208	0.408	0.012	0.015	0.937		1.00 - 5.00
5C-00013	10018	Tm-171	1.5	3.8	1.2	72.4	U	1.00 - 5.00
5C-00013	10018	U-233/234	0.679	0.005	0.036	2.02		1.00 - 5.00
5C-00013	10018	U-235/236	0.0388	0.0023	0.006	0.151		1.00 - 5.00
5C-00013	10018	U-238	0.676	0.002	0.036	1.8		1.00 - 5.00
5C-00014	10019	Ac-227	0.042	0.14	0.013	0.217	U	1.00 - 5.00
5C-00014	10019	Ac-228	1.33	0.11	0.051	2.4		1.00 - 5.00
5C-00014	10019	Ag-108	-0.0009	0.0015	0.0005	--	U R	1.00 - 5.00
5C-00014	10019	Ag-108m	-0.0099	0.017	0.0051	--	U R	1.00 - 5.00
5C-00014	10019	Am-241	-0.0059	0.016	0.0038	0.0454	U	1.00 - 5.00
5C-00014	10019	Ba-133	-0.0704	0.021	0.0074	--	R U	1.00 - 5.00
5C-00014	10019	Ba-137m	0.0011	0.017	0.005	--	U	1.00 - 5.00
5C-00014	10019	Bi-212	1.23	0.14	0.089	2.15		1.00 - 5.00
5C-00014	10019	Bi-214	0.911	0.03	0.034	1.59		1.00 - 5.00
5C-00014	10019	C-14	0.0285	0.023	0.0074	2.96		1.00 - 5.00
5C-00014	10019	Cd-113m	7	42	13	3030	U	1.00 - 5.00
5C-00014	10019	Cf-249	0.0074	0.054	0.0058	--	U R	1.00 - 5.00
5C-00014	10019	Cm-243/244	0.0016	0.0022	0.0012	0.0443	U	1.00 - 5.00
5C-00014	10019	Cm-245/246	-0.0015	0.0071	0.0012	0.0401	U J	1.00 - 5.00
5C-00014	10019	Cm-247/248	0.0015	0.002	0.0011	0.0306	U J	1.00 - 5.00
5C-00014	10019	Co-60	0.0057	0.019	0.0056	0.028	U	1.00 - 5.00
5C-00014	10019	Cs-134	0.0132	0.055	0.004	0.0864	U	1.00 - 5.00
5C-00014	10019	Cs-137	0.0012	0.018	0.0053	0.207	U	1.00 - 5.00
5C-00014	10019	Eu-152	-0.0031	0.041	0.0028	0.0566	U	1.00 - 5.00
5C-00014	10019	Eu-154	0.05	0.075	0.023	0.15		1.00 - 5.00
5C-00014	10019	Eu-155	0.102	0.037	0.015	0.231	S K	1.00 - 5.00
5C-00014	10019	H-3	0.04	0.22	0.066	11.9	U	1.00 - 5.00
5C-00014	10019	Ho-166m	0.0138	0.027	0.0069	0.0432	S K	1.00 - 5.00
5C-00014	10019	K-40	19.5	0.19	0.6	32.4		1.00 - 5.00
5C-00014	10019	Na-22	-0.002	0.025	0.0073	0.037	U	1.00 - 5.00
5C-00014	10019	Nb-94	0.0056	0.015	0.0035	0.0214	U	1.00 - 5.00
5C-00014	10019	Ni-59	0	0.13	0.037	5.96	U	1.00 - 5.00
5C-00014	10019	Ni-63	-0.18	0.49	0.15	4.92	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00014	10019	Np-236	-0.0017	0.032	0.0097	0.047	U	1.00 - 5.00
5C-00014	10019	Np-239	0.02	0.084	0.025	0.139	U	1.00 - 5.00
5C-00014	10019	Pa-231	0.18	0.47	0.13	0.936	U	1.00 - 5.00
5C-00014	10019	Pb-212	1.62	0.024	0.049	2.69		1.00 - 5.00
5C-00014	10019	Pb-214	1.02	0.03	0.045	1.7		1.00 - 5.00
5C-00014	10019	Pu-236	-0.0019	0.0082	0.002	7.79	U	1.00 - 5.00
5C-00014	10019	Pu-238	0.0014	0.0051	0.0015	0.0415	U	1.00 - 5.00
5C-00014	10019	Pu-239/240	-0.0005	0.0035	0.0005	0.0404	U	1.00 - 5.00
5C-00014	10019	Pu-244	-0.0005	0.0035	0.0005	0.0313	U	1.00 - 5.00
5C-00014	10019	Rn-220	1.42	0.02	0.1	--		1.00 - 5.00
5C-00014	10019	Rn-222	0.968	0.03	0.056	--		1.00 - 5.00
5C-00014	10019	Sb-125	0.132	0.044	0.011	0.354	S K	1.00 - 5.00
5C-00014	10019	Sn-126	0.0002	0.016	0.0049	0.0237	U	1.00 - 5.00
5C-00014	10019	Sr-90	0.006	0.047	0.014	0.485	U	1.00 - 5.00
5C-00014	10019	Tc-99	-0.006	0.3	0.091	1.63	U	1.00 - 5.00
5C-00014	10019	Te-125m	0.0304	0.01	0.0025	0.0838	S K	1.00 - 5.00
5C-00014	10019	Th-228	1.25	0.012	0.062	3.98		1.00 - 5.00
5C-00014	10019	Th-229	0.0027	0.01	0.0029	0.145	U	1.00 - 5.00
5C-00014	10019	Th-230	0.802	0.006	0.043	2.2		1.00 - 5.00
5C-00014	10019	Th-232	1.21	0.002	0.06	3.1		1.00 - 5.00
5C-00014	10019	Th-234	0.49	0.18	0.056	3.19	R	1.00 - 5.00
5C-00014	10019	Tl-208	0.517	0.019	0.02	0.937		1.00 - 5.00
5C-00014	10019	Tm-171	-3.9	5.9	1.8	72.4	L U	1.00 - 5.00
5C-00014	10019	U-233/234	0.632	0.006	0.034	2.02		1.00 - 5.00
5C-00014	10019	U-235/236	0.0373	0.0023	0.0059	0.151		1.00 - 5.00
5C-00014	10019	U-238	0.655	0.002	0.035	1.8		1.00 - 5.00
5C-00015	10020	Ac-227	0.053	0.15	0.06	0.217	U	1.00 - 5.00
5C-00015	10020	Ac-228	1.22	0.086	0.042	2.4		1.00 - 5.00
5C-00015	10020	Ag-108	-0.0011	0.0015	0.0005	--	L U R	1.00 - 5.00
5C-00015	10020	Ag-108m	-0.0112	0.016	0.0048	--	L U R	1.00 - 5.00
5C-00015	10020	Am-241	-0.0018	0.011	0.0024	0.0454	U	1.00 - 5.00
5C-00015	10020	Ba-133	-0.0867	0.024	0.0081	--	R U	1.00 - 5.00
5C-00015	10020	Ba-137m	-0.0002	0.016	0.0054	--	U	1.00 - 5.00
5C-00015	10020	Bi-212	1.15	0.15	0.099	2.15		1.00 - 5.00
5C-00015	10020	Bi-214	0.91	0.03	0.034	1.59		1.00 - 5.00
5C-00015	10020	C-14	0.021	0.047	0.014	2.96	U	1.00 - 5.00
5C-00015	10020	Cd-113m	14	42	13	3030	U	1.00 - 5.00
5C-00015	10020	Cf-249	0.0014	0.064	0.004	--	U R	1.00 - 5.00
5C-00015	10020	Cm-243/244	-0.0018	0.011	0.0023	0.0443	U	1.00 - 5.00
5C-00015	10020	Cm-245/246	0	0.0065	0.0013	0.0401	U J	1.00 - 5.00
5C-00015	10020	Cm-247/248	0	0.0024	0.001	0.0306	U J	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00015	10020	Co-60	0.0001	0.015	0.0045	0.028	U	1.00 - 5.00
5C-00015	10020	Cs-134	0.0148	0.056	0.0049	0.0864	U	1.00 - 5.00
5C-00015	10020	Cs-137	-0.0002	0.017	0.0058	0.207	U	1.00 - 5.00
5C-00015	10020	Eu-152	0.012	0.031	0.014	0.0566	U	1.00 - 5.00
5C-00015	10020	Eu-154	0.0144	0.1	0.0099	0.15	U	1.00 - 5.00
5C-00015	10020	Eu-155	0.077	0.034	0.014	0.231	S K	1.00 - 5.00
5C-00015	10020	H-3	0.011	0.23	0.069	11.9	U	1.00 - 5.00
5C-00015	10020	Ho-166m	0.0056	0.027	0.0064	0.0432	U	1.00 - 5.00
5C-00015	10020	K-40	19	0.14	0.58	32.4		1.00 - 5.00
5C-00015	10020	Na-22	-0.002	0.024	0.0071	0.037	U	1.00 - 5.00
5C-00015	10020	Nb-94	0.0061	0.015	0.0046	0.0214	U	1.00 - 5.00
5C-00015	10020	Np-236	0.0045	0.032	0.0097	0.047	U	1.00 - 5.00
5C-00015	10020	Np-239	-0.024	0.074	0.022	0.139	U	1.00 - 5.00
5C-00015	10020	Pa-231	0.17	0.6	0.18	0.936	U	1.00 - 5.00
5C-00015	10020	Pb-212	1.59	0.025	0.065	2.69		1.00 - 5.00
5C-00015	10020	Pb-214	1	0.027	0.035	1.7		1.00 - 5.00
5C-00015	10020	Pu-236	-0.001	0.0061	0.0008	7.79	U	1.00 - 5.00
5C-00015	10020	Pu-238	-0.0002	0.0061	0.0012	0.0415	U	1.00 - 5.00
5C-00015	10020	Pu-239/240	0.0008	0.0023	0.0008	0.0404	U	1.00 - 5.00
5C-00015	10020	Pu-244	0.0012	0.0049	0.0013	0.0313	U	1.00 - 5.00
5C-00015	10020	Rn-220	1.37	0.02	0.12	--		1.00 - 5.00
5C-00015	10020	Rn-222	0.956	0.027	0.049	--		1.00 - 5.00
5C-00015	10020	Sb-125	0.179	0.044	0.016	0.354	S K	1.00 - 5.00
5C-00015	10020	Sn-126	0.0005	0.017	0.0052	0.0237	U	1.00 - 5.00
5C-00015	10020	Sr-90	0.011	0.05	0.015	0.485	U	1.00 - 5.00
5C-00015	10020	Tc-99	-0.072	0.29	0.088	1.63	U	1.00 - 5.00
5C-00015	10020	Te-125m	0.0413	0.01	0.0036	0.0838	S K	1.00 - 5.00
5C-00015	10020	Th-228	1.29	0.013	0.063	3.98		1.00 - 5.00
5C-00015	10020	Th-229	0.0106	0.0029	0.0034	0.145		1.00 - 5.00
5C-00015	10020	Th-230	0.849	0.002	0.044	2.2		1.00 - 5.00
5C-00015	10020	Th-232	1.19	0.006	0.059	3.1		1.00 - 5.00
5C-00015	10020	Th-234	0.418	0.17	0.053	3.19	R	1.00 - 5.00
5C-00015	10020	Tl-208	0.484	0.018	0.018	0.937		1.00 - 5.00
5C-00015	10020	Tm-171	1	4.6	1.4	72.4	U	1.00 - 5.00
5C-00015	10020	U-233/234	0.537	0.007	0.028	2.02		1.00 - 5.00
5C-00015	10020	U-235/236	0.0232	0.0018	0.0041	0.151		1.00 - 5.00
5C-00015	10020	U-238	0.555	0.006	0.029	1.8		1.00 - 5.00
5C-00016	10021	Ac-227	0.013	0.11	0.044	0.217	U	1.00 - 5.00
5C-00016	10021	Ac-228	1.19	0.078	0.044	2.4		1.00 - 5.00
5C-00016	10021	Ag-108	-0.0006	0.0011	0.0003	--	U R	1.00 - 5.00
5C-00016	10021	Ag-108m	-0.0061	0.012	0.0036	--	U R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00016	10021	Am-241	0.0044	0.0081	0.0028	0.0454		1.00 - 5.00
5C-00016	10021	Ba-133	-0.0977	0.021	0.0077	--	R U	1.00 - 5.00
5C-00016	10021	Ba-137m	0.0022	0.013	0.0038	--	U	1.00 - 5.00
5C-00016	10021	Bi-212	0.94	0.11	0.072	2.15		1.00 - 5.00
5C-00016	10021	Bi-214	0.84	0.022	0.032	1.59		1.00 - 5.00
5C-00016	10021	C-14	0.039	0.034	0.011	2.96		1.00 - 5.00
5C-00016	10021	Cd-113m	0.7	35	11	3030	U	1.00 - 5.00
5C-00016	10021	Cf-249	-0.031	0.055	0.017	--	U R	1.00 - 5.00
5C-00016	10021	Cm-243/244	-0.0054	0.016	0.0035	0.0443	U	1.00 - 5.00
5C-00016	10021	Cm-245/246	0.0043	0.0023	0.0019	0.0401	J	1.00 - 5.00
5C-00016	10021	Cm-247/248	-0.0017	0.0078	0.0013	0.0306	U J	1.00 - 5.00
5C-00016	10021	Co-60	0.0037	0.014	0.0041	0.028	U	1.00 - 5.00
5C-00016	10021	Cs-134	0.0076	0.038	0.0033	0.0864	U	1.00 - 5.00
5C-00016	10021	Cs-137	0.0024	0.013	0.004	0.207	U	1.00 - 5.00
5C-00016	10021	Eu-152	-0.0163	0.031	0.0094	0.0566	U	1.00 - 5.00
5C-00016	10021	Eu-154	0.004	0.08	0.011	0.15	U	1.00 - 5.00
5C-00016	10021	Eu-155	0.083	0.033	0.015	0.231	S K	1.00 - 5.00
5C-00016	10021	H-3	0.036	0.23	0.068	11.9	U	1.00 - 5.00
5C-00016	10021	Ho-166m	0.0115	0.021	0.0086	0.0432	S K	1.00 - 5.00
5C-00016	10021	K-40	19.1	0.16	0.64	32.4		1.00 - 5.00
5C-00016	10021	Na-22	0.0006	0.019	0.0056	0.037	U	1.00 - 5.00
5C-00016	10021	Nb-94	0.0033	0.012	0.0035	0.0214	U	1.00 - 5.00
5C-00016	10021	Np-236	-0.0035	0.027	0.008	0.047	U	1.00 - 5.00
5C-00016	10021	Np-239	0.082	0.069	0.03	0.139		1.00 - 5.00
5C-00016	10021	Pa-231	0.05	0.5	0.15	0.936	U	1.00 - 5.00
5C-00016	10021	Pb-212	1.54	0.022	0.081	2.69		1.00 - 5.00
5C-00016	10021	Pb-214	0.93	0.025	0.036	1.7		1.00 - 5.00
5C-00016	10021	Pu-236	0	0.0053	0.0013	7.79	U	1.00 - 5.00
5C-00016	10021	Pu-238	-0.0009	0.0053	0.0012	0.0415	U	1.00 - 5.00
5C-00016	10021	Pu-239/240	0.0013	0.0012	0.0008	0.0404		1.00 - 5.00
5C-00016	10021	Pu-244	0.0013	0.0012	0.0008	0.0313		1.00 - 5.00
5C-00016	10021	Rn-220	1.24	0.02	0.11	--		1.00 - 5.00
5C-00016	10021	Rn-222	0.885	0.022	0.049	--		1.00 - 5.00
5C-00016	10021	Sb-125	0.133	0.035	0.01	0.354	S K	1.00 - 5.00
5C-00016	10021	Sn-126	0.0036	0.013	0.0038	0.0237	U	1.00 - 5.00
5C-00016	10021	Sr-90	-0.015	0.051	0.014	0.485	U	1.00 - 5.00
5C-00016	10021	Tc-99	-0.058	0.31	0.093	1.63	U	1.00 - 5.00
5C-00016	10021	Te-125m	0.0307	0.008	0.0024	0.0838	S K	1.00 - 5.00
5C-00016	10021	Th-228	1.23	0.012	0.06	3.98		1.00 - 5.00
5C-00016	10021	Th-229	0.0119	0.0027	0.0035	0.145		1.00 - 5.00
5C-00016	10021	Th-230	0.86	0.002	0.044	2.2		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00016	10021	Th-232	1.17	0.002	0.058	3.1		1.00 - 5.00
5C-00016	10021	Th-234	0.338	0.15	0.047	3.19	R	1.00 - 5.00
5C-00016	10021	Tl-208	0.454	0.015	0.018	0.937		1.00 - 5.00
5C-00016	10021	Tm-171	1.4	4.9	1.5	72.4	U	1.00 - 5.00
5C-00016	10021	U-233/234	0.598	0.0009	0.029	2.02		1.00 - 5.00
5C-00016	10021	U-235/236	0.0336	0.0032	0.0041	0.151		1.00 - 5.00
5C-00016	10021	U-238	0.619	0.0009	0.03	1.8		1.00 - 5.00
5C-00017	10022	Ac-227	0.354	0.15	0.017	0.217	Z	1.00 - 5.00
5C-00017	10022	Ac-228	1.19	0.093	0.043	2.4		1.00 - 5.00
5C-00017	10022	Ag-108	0.0003	0.0011	0.0002	--	R U	1.00 - 5.00
5C-00017	10022	Ag-108m	0.0036	0.011	0.0023	--	R U	1.00 - 5.00
5C-00017	10022	Am-241	0.0017	0.0064	0.0018	0.0454	U	1.00 - 5.00
5C-00017	10022	Ba-133	-0.106	0.024	0.0085	--	R U	1.00 - 5.00
5C-00017	10022	Ba-137m	0.0016	0.016	0.0046	--	U	1.00 - 5.00
5C-00017	10022	Bi-212	0.994	0.11	0.067	2.15		1.00 - 5.00
5C-00017	10022	Bi-214	0.903	0.024	0.032	1.59		1.00 - 5.00
5C-00017	10022	Cd-113m	12	43	13	3030	U	1.00 - 5.00
5C-00017	10022	Cf-249	0.032	0.059	0.018	--	R	1.00 - 5.00
5C-00017	10022	Cm-243/244	-0.0009	0.0079	0.0016	0.0443	U	1.00 - 5.00
5C-00017	10022	Cm-245/246	0.0038	0.0093	0.0029	0.0401	J	1.00 - 5.00
5C-00017	10022	Cm-247/248	0	0.0034	0.0014	0.0306	U J	1.00 - 5.00
5C-00017	10022	Co-60	0.0023	0.016	0.0033	0.028	U	1.00 - 5.00
5C-00017	10022	Cs-134	0	0.052	0.0036	0.0864	U	1.00 - 5.00
5C-00017	10022	Cs-137	0.0017	0.016	0.0049	0.207	U	1.00 - 5.00
5C-00017	10022	Eu-152	-0.016	0.039	0.012	0.0566	U	1.00 - 5.00
5C-00017	10022	Eu-154	-0.014	0.11	0.033	0.15	U	1.00 - 5.00
5C-00017	10022	Eu-155	0.041	0.032	0.0099	0.231	J S K	1.00 - 5.00
5C-00017	10022	Ho-166m	0.0269	0.026	0.0082	0.0432	S K	1.00 - 5.00
5C-00017	10022	K-40	20.3	0.13	0.62	32.4		1.00 - 5.00
5C-00017	10022	Na-22	-0.004	0.025	0.0076	0.037	U	1.00 - 5.00
5C-00017	10022	Nb-94	0.0063	0.015	0.0044	0.0214	U	1.00 - 5.00
5C-00017	10022	Np-236	-0.0092	0.032	0.0096	0.047	U	1.00 - 5.00
5C-00017	10022	Np-239	0.014	0.087	0.026	0.139	U	1.00 - 5.00
5C-00017	10022	Pa-231	-0.15	0.6	0.18	0.936	U	1.00 - 5.00
5C-00017	10022	Pb-212	1.53	0.023	0.062	2.69		1.00 - 5.00
5C-00017	10022	Pb-214	0.997	0.023	0.034	1.7		1.00 - 5.00
5C-00017	10022	Pu-236	-0.0027	0.012	0.0027	7.79	U	1.00 - 5.00
5C-00017	10022	Pu-238	-0.0011	0.0072	0.0013	0.0415	U	1.00 - 5.00
5C-00017	10022	Pu-239/240	0.0008	0.0021	0.0008	0.0404	U	1.00 - 5.00
5C-00017	10022	Pu-244	0.0016	0.0021	0.0011	0.0313		1.00 - 5.00
5C-00017	10022	Rn-220	1.26	0.023	0.091	--		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00017	10022	Rn-222	0.95	0.023	0.047	--		1.00 - 5.00
5C-00017	10022	Sb-125	0.139	0.041	0.012	0.354	S K	1.00 - 5.00
5C-00017	10022	Sn-126	0.0008	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00017	10022	Sr-90	-0.007	0.052	0.015	0.485	U	1.00 - 5.00
5C-00017	10022	Te-125m	0.0321	0.0095	0.0027	0.0838	S K	1.00 - 5.00
5C-00017	10022	Th-228	1.25	0.014	0.064	3.98		1.00 - 5.00
5C-00017	10022	Th-229	0.005	0.0034	0.0025	0.145		1.00 - 5.00
5C-00017	10022	Th-230	0.943	0.014	0.051	2.2		1.00 - 5.00
5C-00017	10022	Th-232	1.31	0.008	0.066	3.1		1.00 - 5.00
5C-00017	10022	Th-234	1.66	0.15	0.089	3.19	R	1.00 - 5.00
5C-00017	10022	Tl-208	0.458	0.014	0.017	0.937		1.00 - 5.00
5C-00017	10022	Tm-171	0.08	6	1.8	72.4	U	1.00 - 5.00
5C-00017	10022	U-233/234	0.749	0.009	0.043	2.02		1.00 - 5.00
5C-00017	10022	U-235/236	0.0498	0.004	0.0088	0.151		1.00 - 5.00
5C-00017	10022	U-238	0.763	0.009	0.044	1.8		1.00 - 5.00
5C-00018	10023	Ac-227	0.067	0.11	0.026	0.217		0.00 - 0.50
5C-00018	10023	Ac-228	1.32	0.11	0.048	2.4		0.00 - 0.50
5C-00018	10023	Ag-108	-0.0001	0.0013	0.0004	--	UJ	0.00 - 0.50
5C-00018	10023	Ag-108m	-0.0009	0.014	0.0041	--	UJ	0.00 - 0.50
5C-00018	10023	Am-241	0.0034	0.0018	0.0015	0.0454		0.00 - 0.50
5C-00018	10023	Ba-133	-0.0071	0.018	0.0053	--	U	0.00 - 0.50
5C-00018	10023	Ba-137m	0.0019	0.018	0.0068	--	U	0.00 - 0.50
5C-00018	10023	Bi-212	1.15	0.15	0.088	2.15		0.00 - 0.50
5C-00018	10023	Bi-214	0.902	0.028	0.033	1.59		0.00 - 0.50
5C-00018	10023	C-14	0.117	0.088	0.028	2.96		0.00 - 0.50
5C-00018	10023	Cd-113m	-0.6	36	11	3030	U	0.00 - 0.50
5C-00018	10023	Cf-249	0.026	0.064	0.019	--	U	0.00 - 0.50
5C-00018	10023	Cm-243/244	0.0007	0.0018	0.0007	0.0443	U	0.00 - 0.50
5C-00018	10023	Cm-245/246	0.001	0.0027	0.001	0.0401	U	0.00 - 0.50
5C-00018	10023	Cm-247/248	0.001	0.0071	0.0017	0.0306	U	0.00 - 0.50
5C-00018	10023	Co-60	-0.0018	0.02	0.0058	0.028	U	0.00 - 0.50
5C-00018	10023	Cs-134	0.0071	0.03	0.0052	0.0864	U	0.00 - 0.50
5C-00018	10023	Cs-137	0.002	0.019	0.0072	0.207	U	0.00 - 0.50
5C-00018	10023	Eu-152	-0.003	0.041	0.0036	0.0566	U	0.00 - 0.50
5C-00018	10023	Eu-154	-0.032	0.1	0.031	0.15	U	0.00 - 0.50
5C-00018	10023	Eu-155	0.086	0.035	0.014	0.231		0.00 - 0.50
5C-00018	10023	H-3	0.115	0.19	0.058	11.9		0.00 - 0.50
5C-00018	10023	Ho-166m	0.007	0.028	0.0046	0.0432	U	0.00 - 0.50
5C-00018	10023	K-40	18.9	0.14	0.58	32.4		0.00 - 0.50
5C-00018	10023	Na-22	0.0012	0.027	0.0079	0.037	U	0.00 - 0.50
5C-00018	10023	Nb-94	0.0037	0.015	0.0045	0.0214	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00018	10023	Ni-59	0	0.23	0.061	5.96		0.00 - 0.50
5C-00018	10023	Ni-63	0.005	0.88	0.26	4.92		0.00 - 0.50
5C-00018	10023	Np-236	-0.0017	0.03	0.0091	0.047	U	0.00 - 0.50
5C-00018	10023	Np-239	-0.008	0.092	0.028	0.139	U	0.00 - 0.50
5C-00018	10023	Pa-231	-0.06	0.57	0.17	0.936	U	0.00 - 0.50
5C-00018	10023	Pb-212	1.77	0.026	0.072	2.69		0.00 - 0.50
5C-00018	10023	Pb-214	0.994	0.029	0.035	1.7		0.00 - 0.50
5C-00018	10023	Pu-236	0	0.0028	0.0009	7.79	U	0.00 - 0.50
5C-00018	10023	Pu-238	-0.0006	0.0061	0.0007	0.0415	U	0.00 - 0.50
5C-00018	10023	Pu-239/240	0	0.0028	0.0009	0.0404	U	0.00 - 0.50
5C-00018	10023	Pu-244	0.0014	0.0061	0.0016	0.0313	U	0.00 - 0.50
5C-00018	10023	Rn-220	1.46	0.03	0.11	--		0.00 - 0.50
5C-00018	10023	Rn-222	0.948	0.028	0.048	--		0.00 - 0.50
5C-00018	10023	Sb-125	0.133	0.044	0.011	0.354	J	0.00 - 0.50
5C-00018	10023	Sn-126	-0.0003	0.017	0.0052	0.0237	U	0.00 - 0.50
5C-00018	10023	Sr-90	0.013	0.043	0.013	0.485	U	0.00 - 0.50
5C-00018	10023	Tc-99	-0.019	0.3	0.092	1.63		0.00 - 0.50
5C-00018	10023	Te-125m	0.0307	0.01	0.0025	0.0838	J	0.00 - 0.50
5C-00018	10023	Th-228	1.41	0.02	0.071	3.98		0.00 - 0.50
5C-00018	10023	Th-229	0.0061	0.0094	0.0033	0.145		0.00 - 0.50
5C-00018	10023	Th-230	0.964	0.012	0.052	2.2		0.00 - 0.50
5C-00018	10023	Th-232	1.36	0.008	0.069	3.1		0.00 - 0.50
5C-00018	10023	Th-234	1.49	0.16	0.086	3.19	J R	0.00 - 0.50
5C-00018	10023	Tl-208	0.55	0.022	0.021	0.937		0.00 - 0.50
5C-00018	10023	Tm-171	-0.01	6.4	1.9	72.4	U	0.00 - 0.50
5C-00018	10023	U-233/234	0.689	0.008	0.036	2.02		0.00 - 0.50
5C-00018	10023	U-235/236	0.0316	0.0079	0.0057	0.151		0.00 - 0.50
5C-00018	10023	U-238	0.677	0.002	0.036	1.8		0.00 - 0.50
5C-00018	10024	Ac-227	0.035	0.13	0.043	0.217	U	1.00 - 5.00
5C-00018	10024	Ac-228	1.15	0.077	0.041	2.4		1.00 - 5.00
5C-00018	10024	Ag-108	-0.0017	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00018	10024	Ag-108m	-0.0178	0.015	0.0046	--	R U	1.00 - 5.00
5C-00018	10024	Am-241	-0.0034	0.013	0.0028	0.0454	U	1.00 - 5.00
5C-00018	10024	Ba-133	-0.0244	0.018	0.0057	--	R U	1.00 - 5.00
5C-00018	10024	Ba-137m	0.0001	0.015	0.0044	--	U	1.00 - 5.00
5C-00018	10024	Bi-212	1.01	0.12	0.074	2.15		1.00 - 5.00
5C-00018	10024	Bi-214	0.807	0.024	0.029	1.59		1.00 - 5.00
5C-00018	10024	Cd-113m	-8	40	12	3030	U	1.00 - 5.00
5C-00018	10024	Cf-249	-0.0001	0.052	0.0004	--	U R	1.00 - 5.00
5C-00018	10024	Cm-243/244	0.0011	0.01	0.0026	0.0443	U	1.00 - 5.00
5C-00018	10024	Cm-245/246	-0.0012	0.011	0.0023	0.0401	U J	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00018	10024	Cm-247/248	0	0.0089	0.0018	0.0306	U J	1.00 - 5.00
5C-00018	10024	Co-60	0.0061	0.018	0.0021	0.028	U	1.00 - 5.00
5C-00018	10024	Cs-134	0.0153	0.046	0.0045	0.0864	U	1.00 - 5.00
5C-00018	10024	Cs-137	0.0002	0.015	0.0046	0.207	U	1.00 - 5.00
5C-00018	10024	Eu-152	-0.001	0.037	0.001	0.0566	U	1.00 - 5.00
5C-00018	10024	Eu-154	0.0058	0.09	0.0056	0.15	U	1.00 - 5.00
5C-00018	10024	Eu-155	0.064	0.031	0.012	0.231	J S K	1.00 - 5.00
5C-00018	10024	Ho-166m	0.012	0.022	0.0044	0.0432	S K	1.00 - 5.00
5C-00018	10024	K-40	18.1	0.1	0.55	32.4		1.00 - 5.00
5C-00018	10024	Na-22	0.0046	0.023	0.0068	0.037	U	1.00 - 5.00
5C-00018	10024	Nb-94	0.009	0.01	0.0032	0.0214		1.00 - 5.00
5C-00018	10024	Np-236	-0.0007	0.027	0.008	0.047	U	1.00 - 5.00
5C-00018	10024	Np-239	0.016	0.081	0.024	0.139	U	1.00 - 5.00
5C-00018	10024	Pa-231	0.007	0.55	0.17	0.936	U	1.00 - 5.00
5C-00018	10024	Pb-212	1.43	0.022	0.058	2.69		1.00 - 5.00
5C-00018	10024	Pb-214	0.886	0.027	0.031	1.7		1.00 - 5.00
5C-00018	10024	Pu-236	0	0.0021	0.0007	7.79	U	1.00 - 5.00
5C-00018	10024	Pu-238	-0.0002	0.0057	0.0011	0.0415	U	1.00 - 5.00
5C-00018	10024	Pu-239/240	-0.0014	0.0065	0.0009	0.0404	U	1.00 - 5.00
5C-00018	10024	Pu-244	0.0023	0.0021	0.0014	0.0313		1.00 - 5.00
5C-00018	10024	Rn-220	1.22	0.022	0.094	--		1.00 - 5.00
5C-00018	10024	Rn-222	0.847	0.024	0.043	--		1.00 - 5.00
5C-00018	10024	Sb-125	0.103	0.038	0.0083	0.354	S K	1.00 - 5.00
5C-00018	10024	Sn-126	0.0004	0.014	0.0042	0.0237	U	1.00 - 5.00
5C-00018	10024	Sr-90	0.006	0.047	0.014	0.485	U	1.00 - 5.00
5C-00018	10024	Te-125m	0.0238	0.0089	0.0019	0.0838	S K	1.00 - 5.00
5C-00018	10024	Th-228	1.39	0.012	0.07	3.98		1.00 - 5.00
5C-00018	10024	Th-229	0.0061	0.0021	0.0022	0.145		1.00 - 5.00
5C-00018	10024	Th-230	0.949	0.008	0.051	2.2		1.00 - 5.00
5C-00018	10024	Th-232	1.26	0.008	0.065	3.1		1.00 - 5.00
5C-00018	10024	Th-234	0.64	0.13	0.048	3.19	R	1.00 - 5.00
5C-00018	10024	Tl-208	0.456	0.015	0.017	0.937		1.00 - 5.00
5C-00018	10024	Tm-171	-1.1	5.6	1.7	72.4	U	1.00 - 5.00
5C-00018	10024	U-233/234	0.607	0.005	0.033	2.02		1.00 - 5.00
5C-00018	10024	U-235/236	0.0341	0.0024	0.0057	0.151		1.00 - 5.00
5C-00018	10024	U-238	0.674	0.002	0.036	1.8		1.00 - 5.00
5C-00019	10025	Ac-227	-0.006	0.16	0.047	0.217	U	1.00 - 5.00
5C-00019	10025	Ac-228	1.29	0.1	0.049	2.4		1.00 - 5.00
5C-00019	10025	Ag-108	-0.0008	0.0015	0.0005	--	U R	1.00 - 5.00
5C-00019	10025	Ag-108m	-0.0086	0.017	0.005	--	U R	1.00 - 5.00
5C-00019	10025	Am-241	-0.0006	0.011	0.0028	0.0454	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00019	10025	Ba-133	-0.137	0.03	0.011	--	R U	1.00 - 5.00
5C-00019	10025	Ba-137m	0.0089	0.011	0.0043	--		1.00 - 5.00
5C-00019	10025	Bi-212	0.966	0.14	0.081	2.15		1.00 - 5.00
5C-00019	10025	Bi-214	0.943	0.025	0.033	1.59		1.00 - 5.00
5C-00019	10025	C-14	0.014	0.044	0.013	2.96	U	1.00 - 5.00
5C-00019	10025	Cd-113m	6	46	14	3030	U	1.00 - 5.00
5C-00019	10025	Cf-249	0.0222	0.064	0.0071	--	U R	1.00 - 5.00
5C-00019	10025	Cm-243/244	0.0012	0.0016	0.0009	0.0443	U	1.00 - 5.00
5C-00019	10025	Cm-245/246	0.0008	0.0071	0.0018	0.0401	U J	1.00 - 5.00
5C-00019	10025	Cm-247/248	-0.0008	0.0055	0.0008	0.0306	U J	1.00 - 5.00
5C-00019	10025	Co-60	0.0033	0.02	0.0048	0.028	U	1.00 - 5.00
5C-00019	10025	Cs-134	0.0136	0.066	0.0048	0.0864	U	1.00 - 5.00
5C-00019	10025	Cs-137	0.0094	0.012	0.0046	0.207		1.00 - 5.00
5C-00019	10025	Eu-152	0.0007	0.042	0.013	0.0566	U	1.00 - 5.00
5C-00019	10025	Eu-154	-0.031	0.11	0.032	0.15	U	1.00 - 5.00
5C-00019	10025	Eu-155	0.067	0.043	0.016	0.231	S K	1.00 - 5.00
5C-00019	10025	H-3	0.188	0.22	0.067	11.9		1.00 - 5.00
5C-00019	10025	Ho-166m	0.004	0.028	0.0038	0.0432	U	1.00 - 5.00
5C-00019	10025	K-40	18.7	0.11	0.57	32.4		1.00 - 5.00
5C-00019	10025	Na-22	0.003	0.024	0.0071	0.037	U	1.00 - 5.00
5C-00019	10025	Nb-94	0.0009	0.016	0.0048	0.0214	U	1.00 - 5.00
5C-00019	10025	Ni-59	0	0.15	0.051	5.96	U	1.00 - 5.00
5C-00019	10025	Ni-63	-0.04	0.57	0.17	4.92	U	1.00 - 5.00
5C-00019	10025	Np-236	-0.003	0.041	0.012	0.047	U	1.00 - 5.00
5C-00019	10025	Np-239	-0.003	0.1	0.031	0.139	U	1.00 - 5.00
5C-00019	10025	Pa-231	0.3	0.47	0.15	0.936		1.00 - 5.00
5C-00019	10025	Pb-212	1.34	0.037	0.044	2.69		1.00 - 5.00
5C-00019	10025	Pb-214	1	0.029	0.044	1.7		1.00 - 5.00
5C-00019	10025	Pu-236	-0.0019	0.0069	0.0015	7.79	U	1.00 - 5.00
5C-00019	10025	Pu-238	0	0.0052	0.0013	0.0415	U	1.00 - 5.00
5C-00019	10025	Pu-239/240	0.0029	0.0013	0.0012	0.0404		1.00 - 5.00
5C-00019	10025	Pu-244	0.0034	0.0013	0.0013	0.0313		1.00 - 5.00
5C-00019	10025	Rn-220	1.15	0.037	0.093	--		1.00 - 5.00
5C-00019	10025	Rn-222	0.973	0.025	0.055	--		1.00 - 5.00
5C-00019	10025	Sb-125	0.141	0.047	0.012	0.354	S K	1.00 - 5.00
5C-00019	10025	Sn-126	0.0044	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00019	10025	Sr-90	-0.015	0.044	0.012	0.485	U	1.00 - 5.00
5C-00019	10025	Tc-99	-0.015	0.28	0.084	1.63	U	1.00 - 5.00
5C-00019	10025	Te-125m	0.0326	0.011	0.0029	0.0838	S K	1.00 - 5.00
5C-00019	10025	Th-228	1.25	0.012	0.063	3.98		1.00 - 5.00
5C-00019	10025	Th-229	0.0041	0.013	0.0038	0.145	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00019	10025	Th-230	0.985	0.007	0.052	2.2		1.00 - 5.00
5C-00019	10025	Th-232	1.29	0.007	0.065	3.1		1.00 - 5.00
5C-00019	10025	Th-234	1.23	0.23	0.084	3.19	R	1.00 - 5.00
5C-00019	10025	Tl-208	0.512	0.019	0.02	0.937		1.00 - 5.00
5C-00019	10025	Tm-171	-13.3	10	3.1	72.4	R U	1.00 - 5.00
5C-00019	10025	U-233/234	0.64	0.01	0.037	2.02		1.00 - 5.00
5C-00019	10025	U-235/236	0.0192	0.0032	0.0049	0.151		1.00 - 5.00
5C-00019	10025	U-238	0.74	0.007	0.041	1.8		1.00 - 5.00
5C-00020	10026	Ac-227	0.051	0.15	0.04	0.217	U	0.00 - 0.50
5C-00020	10026	Ac-228	1.29	0.1	0.047	2.4		0.00 - 0.50
5C-00020	10026	Ag-108	0	0.0014	0.0004	--	U R	0.00 - 0.50
5C-00020	10026	Ag-108m	0	0.015	0.0046	--	U R	0.00 - 0.50
5C-00020	10026	Am-241	0.0009	0.0069	0.0017	0.0454	U	0.00 - 0.50
5C-00020	10026	Ba-133	-0.0007	0.018	0.0054	--	U R	0.00 - 0.50
5C-00020	10026	Ba-137m	0.0117	0.018	0.0063	--		0.00 - 0.50
5C-00020	10026	Bi-212	1.07	0.15	0.089	2.15		0.00 - 0.50
5C-00020	10026	Bi-214	0.874	0.028	0.032	1.59		0.00 - 0.50
5C-00020	10026	C-14	0.0085	0.03	0.009	2.96	U	0.00 - 0.50
5C-00020	10026	Cd-113m	-0.6	45	13	3030	U	0.00 - 0.50
5C-00020	10026	Cf-249	0.0006	0.071	0.021	--	U R	0.00 - 0.50
5C-00020	10026	Cm-243/244	0.0009	0.0025	0.0009	0.0443	U	0.00 - 0.50
5C-00020	10026	Cm-245/246	0.0038	0.0026	0.0019	0.0401	J	0.00 - 0.50
5C-00020	10026	Cm-247/248	0.0019	0.0025	0.0013	0.0306	U J	0.00 - 0.50
5C-00020	10026	Co-60	0.0067	0.018	0.0043	0.028	U	0.00 - 0.50
5C-00020	10026	Cs-134	0.0175	0.037	0.0064	0.0864	U	0.00 - 0.50
5C-00020	10026	Cs-137	0.0124	0.019	0.0067	0.207		0.00 - 0.50
5C-00020	10026	Eu-152	-0.012	0.039	0.012	0.0566	U	0.00 - 0.50
5C-00020	10026	Eu-154	-0.034	0.12	0.035	0.15	U	0.00 - 0.50
5C-00020	10026	Eu-155	0.075	0.036	0.014	0.231	S K	0.00 - 0.50
5C-00020	10026	H-3	0.024	0.19	0.057	11.9	U	0.00 - 0.50
5C-00020	10026	Ho-166m	0.007	0.029	0.013	0.0432	U	0.00 - 0.50
5C-00020	10026	K-40	20	0.16	0.61	32.4		0.00 - 0.50
5C-00020	10026	Na-22	-0.0065	0.028	0.0084	0.037	U	0.00 - 0.50
5C-00020	10026	Nb-94	0.0052	0.016	0.0049	0.0214	U	0.00 - 0.50
5C-00020	10026	Ni-59	0	0.15	0.056	5.96	U	0.00 - 0.50
5C-00020	10026	Ni-63	0.2	0.58	0.18	4.92	U	0.00 - 0.50
5C-00020	10026	Np-236	-0.0012	0.031	0.0093	0.047	U	0.00 - 0.50
5C-00020	10026	Np-239	0.016	0.078	0.023	0.139	U	0.00 - 0.50
5C-00020	10026	Pa-231	0.04	0.54	0.16	0.936	U	0.00 - 0.50
5C-00020	10026	Pb-212	1.76	0.026	0.072	2.69		0.00 - 0.50
5C-00020	10026	Pb-214	0.924	0.028	0.032	1.7		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00020	10026	Pu-236	-0.001	0.0058	0.0013	7.79	U	0.00 - 0.50
5C-00020	10026	Pu-238	0.0014	0.0044	0.0013	0.0415	U	0.00 - 0.50
5C-00020	10026	Pu-239/240	-0.0005	0.0044	0.0009	0.0404	U	0.00 - 0.50
5C-00020	10026	Pu-244	0.0014	0.0013	0.0008	0.0313		0.00 - 0.50
5C-00020	10026	Rn-220	1.42	0.03	0.11	--		0.00 - 0.50
5C-00020	10026	Rn-222	0.899	0.028	0.045	--		0.00 - 0.50
5C-00020	10026	Sb-125	0.05	0.04	0.017	0.354	S K	0.00 - 0.50
5C-00020	10026	Sn-126	0.0048	0.018	0.0055	0.0237	U	0.00 - 0.50
5C-00020	10026	Sr-90	-0.0004	0.034	0.0098	0.485	U	0.00 - 0.50
5C-00020	10026	Tc-99	-0.081	0.28	0.085	1.63	U	0.00 - 0.50
5C-00020	10026	Te-125m	0.0116	0.0093	0.004	0.0838	S K	0.00 - 0.50
5C-00020	10026	Th-228	1.27	0.003	0.066	3.98		0.00 - 0.50
5C-00020	10026	Th-229	0.0069	0.0072	0.0028	0.145		0.00 - 0.50
5C-00020	10026	Th-230	0.847	0.003	0.047	2.2		0.00 - 0.50
5C-00020	10026	Th-232	1.21	0.003	0.063	3.1		0.00 - 0.50
5C-00020	10026	Th-234	0.334	0.18	0.055	3.19	R	0.00 - 0.50
5C-00020	10026	Tl-208	0.5	0.018	0.019	0.937		0.00 - 0.50
5C-00020	10026	Tm-171	3.4	6.3	1.9	72.4		0.00 - 0.50
5C-00020	10026	U-233/234	0.788	0.016	0.046	2.02		0.00 - 0.50
5C-00020	10026	U-235/236	0.034	0.0044	0.0076	0.151		0.00 - 0.50
5C-00020	10026	U-238	0.776	0.012	0.046	1.8		0.00 - 0.50
5C-00020	10027	Ac-227	0.0009	0.12	0.035	0.217	U	1.00 - 5.00
5C-00020	10027	Ac-228	1.24	0.07	0.044	2.4		1.00 - 5.00
5C-00020	10027	Ag-108	-0.0014	0.0013	0.0004	--	R U	1.00 - 5.00
5C-00020	10027	Ag-108m	-0.0147	0.014	0.0042	--	R U	1.00 - 5.00
5C-00020	10027	Am-241	-0.0054	0.018	0.0036	0.0454	U	1.00 - 5.00
5C-00020	10027	Ba-133	-0.0915	0.02	0.0073	--	R U	1.00 - 5.00
5C-00020	10027	Ba-137m	0.0003	0.011	0.0034	--	U	1.00 - 5.00
5C-00020	10027	Bi-212	0.932	0.12	0.075	2.15		1.00 - 5.00
5C-00020	10027	Bi-214	0.9	0.024	0.035	1.59		1.00 - 5.00
5C-00020	10027	C-14	0.0226	0.024	0.0074	2.96		1.00 - 5.00
5C-00020	10027	Cd-113m	-0.2	35	11	3030	U	1.00 - 5.00
5C-00020	10027	Cf-249	-0.014	0.058	0.018	--	U R	1.00 - 5.00
5C-00020	10027	Cm-243/244	-0.0053	0.017	0.0036	0.0443	U	1.00 - 5.00
5C-00020	10027	Cm-245/246	0.0021	0.0028	0.0015	0.0401	U J	1.00 - 5.00
5C-00020	10027	Cm-247/248	0.001	0.0074	0.0018	0.0306	U J	1.00 - 5.00
5C-00020	10027	Co-60	0.001	0.016	0.0048	0.028	U	1.00 - 5.00
5C-00020	10027	Cs-134	0.0106	0.047	0.0032	0.0864	U	1.00 - 5.00
5C-00020	10027	Cs-137	0.0003	0.012	0.0036	0.207	U	1.00 - 5.00
5C-00020	10027	Eu-152	0.0119	0.034	0.0084	0.0566	U	1.00 - 5.00
5C-00020	10027	Eu-154	0.012	0.086	0.017	0.15	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00020	10027	Eu-155	0.099	0.033	0.015	0.231	S K	1.00 - 5.00
5C-00020	10027	H-3	0.004	0.21	0.064	11.9	U	1.00 - 5.00
5C-00020	10027	Ho-166m	-0.0021	0.021	0.0015	0.0432	U	1.00 - 5.00
5C-00020	10027	K-40	22.1	0.13	0.73	32.4		1.00 - 5.00
5C-00020	10027	Na-22	-0.0073	0.022	0.0065	0.037	U	1.00 - 5.00
5C-00020	10027	Nb-94	0.0083	0.011	0.0035	0.0214	S K	1.00 - 5.00
5C-00020	10027	Np-236	-0.0121	0.027	0.0083	0.047	U	1.00 - 5.00
5C-00020	10027	Np-239	0.017	0.073	0.022	0.139	U	1.00 - 5.00
5C-00020	10027	Pa-231	0.07	0.4	0.12	0.936	U	1.00 - 5.00
5C-00020	10027	Pb-212	1.48	0.029	0.079	2.69		1.00 - 5.00
5C-00020	10027	Pb-214	0.992	0.025	0.037	1.7		1.00 - 5.00
5C-00020	10027	Pu-236	0	0.004	0.0009	7.79	U	1.00 - 5.00
5C-00020	10027	Pu-238	0	0.0046	0.0011	0.0415	U	1.00 - 5.00
5C-00020	10027	Pu-239/240	-0.0004	0.0032	0.0005	0.0404	U	1.00 - 5.00
5C-00020	10027	Pu-244	0.0009	0.0012	0.0006	0.0313	U	1.00 - 5.00
5C-00020	10027	Rn-220	1.21	0.03	0.11	--		1.00 - 5.00
5C-00020	10027	Rn-222	0.946	0.024	0.051	--		1.00 - 5.00
5C-00020	10027	Sb-125	0.182	0.034	0.015	0.354	S K	1.00 - 5.00
5C-00020	10027	Sn-126	-0.0025	0.014	0.0041	0.0237	U	1.00 - 5.00
5C-00020	10027	Sr-90	-0.006	0.055	0.016	0.485	U	1.00 - 5.00
5C-00020	10027	Tc-99	0.01	0.28	0.085	1.63	U	1.00 - 5.00
5C-00020	10027	Te-125m	0.0421	0.0078	0.0035	0.0838	S K	1.00 - 5.00
5C-00020	10027	Th-228	1.16	0.012	0.057	3.98		1.00 - 5.00
5C-00020	10027	Th-229	0	0.013	0.0031	0.145	U	1.00 - 5.00
5C-00020	10027	Th-230	0.834	0.006	0.043	2.2		1.00 - 5.00
5C-00020	10027	Th-232	1.08	0.008	0.054	3.1		1.00 - 5.00
5C-00020	10027	Th-234	0.67	0.14	0.052	3.19	R	1.00 - 5.00
5C-00020	10027	Tl-208	0.458	0.017	0.019	0.937		1.00 - 5.00
5C-00020	10027	Tm-171	-1.7	5.7	1.7	72.4	U	1.00 - 5.00
5C-00020	10027	U-233/234	0.8	0.008	0.045	2.02		1.00 - 5.00
5C-00020	10027	U-235/236	0.0414	0.011	0.0082	0.151		1.00 - 5.00
5C-00020	10027	U-238	0.902	0.015	0.05	1.8		1.00 - 5.00
5C-00021	10028	Ac-227	0.093	0.1	0.02	0.217		1.00 - 5.00
5C-00021	10028	Ac-228	1.23	0.09	0.044	2.4		1.00 - 5.00
5C-00021	10028	Ag-108	-0.0036	0.0016	0.0005	--	R U	1.00 - 5.00
5C-00021	10028	Ag-108m	-0.0381	0.017	0.0057	--	R U	1.00 - 5.00
5C-00021	10028	Am-241	0.0021	0.0051	0.0016	0.0454		1.00 - 5.00
5C-00021	10028	Ba-133	-0.0221	0.02	0.0063	--	R U	1.00 - 5.00
5C-00021	10028	Ba-137m	0.0006	0.016	0.0048	--	U	1.00 - 5.00
5C-00021	10028	Bi-212	1.04	0.13	0.08	2.15		1.00 - 5.00
5C-00021	10028	Bi-214	0.856	0.026	0.031	1.59		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00021	10028	C-14	0.024	0.043	0.013	2.96		1.00 - 5.00
5C-00021	10028	Cd-113m	4	43	13	3030	U	1.00 - 5.00
5C-00021	10028	Cf-249	0.028	0.053	0.016	--	R	1.00 - 5.00
5C-00021	10028	Cm-243/244	-0.0014	0.011	0.0029	0.0443	U	1.00 - 5.00
5C-00021	10028	Cm-245/246	0	0.01	0.0024	0.0401	U J	1.00 - 5.00
5C-00021	10028	Cm-247/248	-0.0022	0.01	0.0017	0.0306	U J	1.00 - 5.00
5C-00021	10028	Co-60	0.0031	0.019	0.0057	0.028	U	1.00 - 5.00
5C-00021	10028	Cs-134	0.0119	0.054	0.0063	0.0864	U	1.00 - 5.00
5C-00021	10028	Cs-137	0.0006	0.017	0.0051	0.207	U	1.00 - 5.00
5C-00021	10028	Eu-152	0.0057	0.04	0.0044	0.0566	U	1.00 - 5.00
5C-00021	10028	Eu-154	0.009	0.096	0.014	0.15	U	1.00 - 5.00
5C-00021	10028	Eu-155	0.074	0.035	0.015	0.231	S K	1.00 - 5.00
5C-00021	10028	H-3	0.037	0.23	0.07	11.9	U	1.00 - 5.00
5C-00021	10028	H-3	3.2	0.23	0.17	11.9		1.00 - 5.00
5C-00021	10028	Ho-166m	0.0256	0.027	0.0039	0.0432	S K	1.00 - 5.00
5C-00021	10028	K-40	19	0.14	0.58	32.4		1.00 - 5.00
5C-00021	10028	Na-22	0.0131	0.019	0.006	0.037		1.00 - 5.00
5C-00021	10028	Nb-94	0.0061	0.016	0.0047	0.0214	U	1.00 - 5.00
5C-00021	10028	Np-236	-0.0048	0.033	0.0098	0.047	U	1.00 - 5.00
5C-00021	10028	Np-239	0.02	0.091	0.027	0.139	U	1.00 - 5.00
5C-00021	10028	Pa-231	0.16	0.62	0.14	0.936	U	1.00 - 5.00
5C-00021	10028	Pb-212	1.58	0.023	0.064	2.69		1.00 - 5.00
5C-00021	10028	Pb-214	0.963	0.028	0.033	1.7		1.00 - 5.00
5C-00021	10028	Pu-236	-0.0036	0.0096	0.0024	7.79	U	1.00 - 5.00
5C-00021	10028	Pu-238	0.0004	0.0048	0.0012	0.0415	U	1.00 - 5.00
5C-00021	10028	Pu-239/240	-0.0005	0.0033	0.0005	0.0404	U	1.00 - 5.00
5C-00021	10028	Pu-244	0.0027	0.0012	0.0011	0.0313		1.00 - 5.00
5C-00021	10028	Rn-220	1.31	0.02	0.1	--		1.00 - 5.00
5C-00021	10028	Rn-222	0.909	0.026	0.046	--		1.00 - 5.00
5C-00021	10028	Sb-125	0.107	0.043	0.0087	0.354	S K	1.00 - 5.00
5C-00021	10028	Sn-126	0.0007	0.013	0.0039	0.0237	U	1.00 - 5.00
5C-00021	10028	Sr-90	0.027	0.06	0.018	0.485	U	1.00 - 5.00
5C-00021	10028	Tc-99	-0.034	0.28	0.084	1.63	U	1.00 - 5.00
5C-00021	10028	Te-125m	0.0247	0.0099	0.002	0.0838	S K	1.00 - 5.00
5C-00021	10028	Th-228	1.46	0.015	0.071	3.98		1.00 - 5.00
5C-00021	10028	Th-229	0.0084	0.012	0.0045	0.145	J	1.00 - 5.00
5C-00021	10028	Th-230	0.964	0.003	0.05	2.2		1.00 - 5.00
5C-00021	10028	Th-232	1.27	0.01	0.063	3.1		1.00 - 5.00
5C-00021	10028	Th-234	1.61	0.15	0.087	3.19	R	1.00 - 5.00
5C-00021	10028	Tl-208	0.494	0.019	0.019	0.937		1.00 - 5.00
5C-00021	10028	Tm-171	0.4	6.2	1.9	72.4	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00021	10028	U-233/234	0.622	0.007	0.033	2.02		1.00 - 5.00
5C-00021	10028	U-235/236	0.0314	0.0089	0.0057	0.151		1.00 - 5.00
5C-00021	10028	U-238	0.64	0.002	0.034	1.8		1.00 - 5.00
5C-00022	10029	Ac-227	0.042	0.16	0.048	0.217	U	1.00 - 5.00
5C-00022	10029	Ac-228	1.24	0.1	0.047	2.4		1.00 - 5.00
5C-00022	10029	Ag-108	-0.0016	0.0016	0.0005	--	R U	1.00 - 5.00
5C-00022	10029	Ag-108m	-0.0175	0.017	0.0054	--	R U	1.00 - 5.00
5C-00022	10029	Am-241	0	0.0091	0.0022	0.0454	U	1.00 - 5.00
5C-00022	10029	Ba-133	-0.118	0.029	0.01	--	R U	1.00 - 5.00
5C-00022	10029	Ba-137m	0	0.017	0.005	--	U	1.00 - 5.00
5C-00022	10029	Bi-212	1	0.14	0.083	2.15		1.00 - 5.00
5C-00022	10029	Bi-214	0.895	0.029	0.033	1.59		1.00 - 5.00
5C-00022	10029	Cd-113m	-7	47	14	3030	U	1.00 - 5.00
5C-00022	10029	Cf-249	0.0037	0.09	0.0037	--	U R	1.00 - 5.00
5C-00022	10029	Cm-243/244	0	0.0022	0.0009	0.0443	U	1.00 - 5.00
5C-00022	10029	Cm-245/246	0	0.011	0.0026	0.0401	U J	1.00 - 5.00
5C-00022	10029	Cm-247/248	-0.0012	0.0089	0.0013	0.0306	U J	1.00 - 5.00
5C-00022	10029	Co-60	-0.0037	0.02	0.006	0.028	U	1.00 - 5.00
5C-00022	10029	Cs-134	-0.006	0.064	0.015	0.0864	U	1.00 - 5.00
5C-00022	10029	Cs-137	0	0.018	0.0053	0.207	U	1.00 - 5.00
5C-00022	10029	Eu-152	-0.0011	0.044	0.0014	0.0566	U	1.00 - 5.00
5C-00022	10029	Eu-154	0.0057	0.1	0.0099	0.15	U	1.00 - 5.00
5C-00022	10029	Eu-155	0.091	0.05	0.021	0.231	J S K	1.00 - 5.00
5C-00022	10029	Ho-166m	0.0046	0.026	0.0044	0.0432	U	1.00 - 5.00
5C-00022	10029	K-40	20.8	0.12	0.63	32.4		1.00 - 5.00
5C-00022	10029	Na-22	-0.0027	0.024	0.0072	0.037	U	1.00 - 5.00
5C-00022	10029	Nb-94	0.0028	0.015	0.0045	0.0214	U	1.00 - 5.00
5C-00022	10029	Np-236	0.0004	0.039	0.012	0.047	U	1.00 - 5.00
5C-00022	10029	Np-239	0.0002	0.1	0.03	0.139	U	1.00 - 5.00
5C-00022	10029	Pa-231	-0.16	0.68	0.21	0.936	U	1.00 - 5.00
5C-00022	10029	Pb-212	1.32	0.037	0.044	2.69		1.00 - 5.00
5C-00022	10029	Pb-214	0.964	0.031	0.043	1.7		1.00 - 5.00
5C-00022	10029	Pu-236	-0.0005	0.0044	0.0005	7.79	U	1.00 - 5.00
5C-00022	10029	Pu-238	0.0021	0.0054	0.0016	0.0415		1.00 - 5.00
5C-00022	10029	Pu-239/240	0.0022	0.002	0.0013	0.0404		1.00 - 5.00
5C-00022	10029	Pu-244	0.0015	0.002	0.001	0.0313		1.00 - 5.00
5C-00022	10029	Rn-220	1.16	0.037	0.094	--		1.00 - 5.00
5C-00022	10029	Rn-222	0.929	0.029	0.054	--		1.00 - 5.00
5C-00022	10029	Sb-125	0.153	0.038	0.014	0.354	S K	1.00 - 5.00
5C-00022	10029	Sn-126	-0.0005	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00022	10029	Sr-90	-0.003	0.053	0.015	0.485	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00022	10029	Te-125m	0.0353	0.0088	0.0032	0.0838	S K	1.00 - 5.00
5C-00022	10029	Th-228	1.24	0.003	0.062	3.98		1.00 - 5.00
5C-00022	10029	Th-229	0.0055	0.0067	0.0026	0.145		1.00 - 5.00
5C-00022	10029	Th-230	0.88	0.007	0.047	2.2		1.00 - 5.00
5C-00022	10029	Th-232	1.21	0.003	0.061	3.1		1.00 - 5.00
5C-00022	10029	Th-234	1.38	0.22	0.084	3.19	R	1.00 - 5.00
5C-00022	10029	Tl-208	0.486	0.018	0.019	0.937		1.00 - 5.00
5C-00022	10029	Tm-171	-8.2	11	3.5	72.4	L U	1.00 - 5.00
5C-00022	10029	U-233/234	0.824	0.01	0.048	2.02		1.00 - 5.00
5C-00022	10029	U-235/236	0.0508	0.0046	0.0095	0.151		1.00 - 5.00
5C-00022	10029	U-238	0.86	0.004	0.05	1.8		1.00 - 5.00
5C-00024	10031	Ac-227	0.052	0.12	0.041	0.217	U	0.00 - 0.50
5C-00024	10031	Ac-228	1.21	0.054	0.039	2.4		0.00 - 0.50
5C-00024	10031	Ag-108	-0.001	0.001	0.0003	--	R	0.00 - 0.50
5C-00024	10031	Ag-108m	-0.0112	0.011	0.0034	--	R	0.00 - 0.50
5C-00024	10031	Am-241	0.0039	0.0021	0.0017	0.0454		0.00 - 0.50
5C-00024	10031	Ba-133	-0.0416	0.014	0.0046	--	R	0.00 - 0.50
5C-00024	10031	Ba-137m	0.0276	0.0083	0.0029	--		0.00 - 0.50
5C-00024	10031	Bi-212	0.962	0.095	0.059	2.15		0.00 - 0.50
5C-00024	10031	Bi-214	0.789	0.02	0.027	1.59		0.00 - 0.50
5C-00024	10031	C-14	0.046	0.097	0.03	2.96		0.00 - 0.50
5C-00024	10031	Cd-113m	0.5	30	9.1	3030	U	0.00 - 0.50
5C-00024	10031	Cf-249	0.028	0.043	0.013	--		0.00 - 0.50
5C-00024	10031	Cm-243/244	-0.0008	0.0056	0.0009	0.0443	U	0.00 - 0.50
5C-00024	10031	Cm-245/246	0.0018	0.0024	0.0013	0.0401	U	0.00 - 0.50
5C-00024	10031	Cm-247/248	0.0009	0.0024	0.0009	0.0306	U	0.00 - 0.50
5C-00024	10031	Co-60	0.0028	0.013	0.0032	0.028	U	0.00 - 0.50
5C-00024	10031	Cs-134	0.0032	0.035	0.0023	0.0864	U	0.00 - 0.50
5C-00024	10031	Cs-137	0.0292	0.0087	0.0031	0.207		0.00 - 0.50
5C-00024	10031	Eu-152	0.0079	0.022	0.0066	0.0566	U	0.00 - 0.50
5C-00024	10031	Eu-154	-0.027	0.073	0.022	0.15	U	0.00 - 0.50
5C-00024	10031	Eu-155	0.081	0.028	0.012	0.231		0.00 - 0.50
5C-00024	10031	H-3	0.059	0.18	0.054	11.9		0.00 - 0.50
5C-00024	10031	Ho-166m	0.0126	0.017	0.0068	0.0432		0.00 - 0.50
5C-00024	10031	K-40	20	0.11	0.59	32.4		0.00 - 0.50
5C-00024	10031	Na-22	-0.003	0.017	0.0052	0.037	U	0.00 - 0.50
5C-00024	10031	Nb-94	0.0044	0.01	0.003	0.0214	U	0.00 - 0.50
5C-00024	10031	Ni-59	0	0.17	0.064	5.96		0.00 - 0.50
5C-00024	10031	Ni-63	0.12	0.69	0.21	4.92		0.00 - 0.50
5C-00024	10031	Np-236	-0.0015	0.024	0.0072	0.047	U	0.00 - 0.50
5C-00024	10031	Np-239	-0.003	0.069	0.021	0.139	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00024	10031	Pa-231	0.036	0.45	0.054	0.936	U	0.00 - 0.50
5C-00024	10031	Pb-212	1.59	0.02	0.064	2.69		0.00 - 0.50
5C-00024	10031	Pb-214	0.903	0.02	0.03	1.7		0.00 - 0.50
5C-00024	10031	Pu-236	-0.0005	0.0054	0.0006	7.79	U	0.00 - 0.50
5C-00024	10031	Pu-238	0	0.0024	0.0008	0.0415	U	0.00 - 0.50
5C-00024	10031	Pu-239/240	0.0027	0.0024	0.0016	0.0404		0.00 - 0.50
5C-00024	10031	Pu-244	0.004	0.0053	0.0021	0.0313		0.00 - 0.50
5C-00024	10031	Rn-220	1.27	0.02	0.087	--		0.00 - 0.50
5C-00024	10031	Rn-222	0.846	0.02	0.04	--		0.00 - 0.50
5C-00024	10031	Sb-125	0.107	0.032	0.0071	0.354	J	0.00 - 0.50
5C-00024	10031	Sn-126	0.0004	0.0095	0.0028	0.0237	U	0.00 - 0.50
5C-00024	10031	Sr-90	0.017	0.042	0.013	0.485	U	0.00 - 0.50
5C-00024	10031	Tc-99	-0.081	0.31	0.092	1.63		0.00 - 0.50
5C-00024	10031	Te-125m	0.0248	0.0073	0.0017	0.0838	J	0.00 - 0.50
5C-00024	10031	Th-228	1.24	0.016	0.066	3.98		0.00 - 0.50
5C-00024	10031	Th-229	0.0075	0.0025	0.0027	0.145		0.00 - 0.50
5C-00024	10031	Th-230	0.877	0.009	0.05	2.2		0.00 - 0.50
5C-00024	10031	Th-232	1.13	0.003	0.06	3.1		0.00 - 0.50
5C-00024	10031	Th-234	0.381	0.13	0.042	3.19	J R	0.00 - 0.50
5C-00024	10031	Tl-208	0.466	0.013	0.016	0.937		0.00 - 0.50
5C-00024	10031	Tm-171	1.8	5	1.5	72.4	U	0.00 - 0.50
5C-00024	10031	U-233/234	0.566	0.011	0.035	2.02		0.00 - 0.50
5C-00024	10031	U-235/236	0.0226	0.01	0.0061	0.151		0.00 - 0.50
5C-00024	10031	U-238	0.606	0.008	0.037	1.8		0.00 - 0.50
5C-00024	10032	Ac-227	0.054	0.15	0.019	0.217	U	1.00 - 5.00
5C-00024	10032	Ac-228	1.22	0.081	0.045	2.4		1.00 - 5.00
5C-00024	10032	Ag-108	-0.0016	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00024	10032	Ag-108m	-0.0169	0.016	0.0049	--	R U	1.00 - 5.00
5C-00024	10032	Am-241	-0.0012	0.013	0.003	0.0454	U	1.00 - 5.00
5C-00024	10032	Ba-133	-0.0942	0.023	0.008	--	R U	1.00 - 5.00
5C-00024	10032	Ba-137m	-0.0005	0.014	0.0042	--	U	1.00 - 5.00
5C-00024	10032	Bi-212	1	0.13	0.078	2.15		1.00 - 5.00
5C-00024	10032	Bi-214	0.87	0.028	0.033	1.59		1.00 - 5.00
5C-00024	10032	Cd-113m	3	42	13	3030	U	1.00 - 5.00
5C-00024	10032	Cf-249	0.0076	0.053	0.0052	--	U R	1.00 - 5.00
5C-00024	10032	Cm-243/244	-0.0012	0.009	0.0014	0.0443	U	1.00 - 5.00
5C-00024	10032	Cm-245/246	-0.0031	0.018	0.0041	0.0401	U J	1.00 - 5.00
5C-00024	10032	Cm-245/246	0.001	0.0028	0.001	0.0401	U J	1.00 - 5.00
5C-00024	10032	Cm-247/248	0	0.0041	0.0017	0.0306	U J	1.00 - 5.00
5C-00024	10032	Cm-247/248	0	0.0028	0.0011	0.0306	U J	1.00 - 5.00
5C-00024	10032	Co-60	0.0024	0.019	0.0056	0.028	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00024	10032	Cs-134	0.0185	0.051	0.0059	0.0864	U	1.00 - 5.00
5C-00024	10032	Cs-137	-0.0005	0.015	0.0044	0.207	U	1.00 - 5.00
5C-00024	10032	Eu-152	0.001	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00024	10032	Eu-154	0.077	0.085	0.026	0.15		1.00 - 5.00
5C-00024	10032	Eu-155	0.076	0.032	0.013	0.231	J S K	1.00 - 5.00
5C-00024	10032	Ho-166m	-0.0023	0.026	0.0042	0.0432	U	1.00 - 5.00
5C-00024	10032	K-40	19.5	0.12	0.59	32.4		1.00 - 5.00
5C-00024	10032	Na-22	-0.0082	0.025	0.0077	0.037	U	1.00 - 5.00
5C-00024	10032	Nb-94	0.0039	0.015	0.0031	0.0214	U	1.00 - 5.00
5C-00024	10032	Np-236	0.0031	0.031	0.0094	0.047	U	1.00 - 5.00
5C-00024	10032	Np-239	-0.018	0.089	0.027	0.139	U	1.00 - 5.00
5C-00024	10032	Pa-231	0.12	0.59	0.18	0.936	U	1.00 - 5.00
5C-00024	10032	Pb-212	1.54	0.022	0.062	2.69		1.00 - 5.00
5C-00024	10032	Pb-214	0.947	0.024	0.032	1.7		1.00 - 5.00
5C-00024	10032	Pu-236	0.0002	0.0069	0.0015	7.79	U	1.00 - 5.00
5C-00024	10032	Pu-238	0.0002	0.0069	0.0015	0.0415	U	1.00 - 5.00
5C-00024	10032	Pu-239/240	0.0017	0.0023	0.0012	0.0404		1.00 - 5.00
5C-00024	10032	Pu-244	0.0025	0.0022	0.0014	0.0313		1.00 - 5.00
5C-00024	10032	Rn-220	1.27	0.022	0.0998	--		1.00 - 5.00
5C-00024	10032	Rn-222	0.909	0.024	0.046	--		1.00 - 5.00
5C-00024	10032	Sb-125	0.125	0.041	0.01	0.354	S K	1.00 - 5.00
5C-00024	10032	Sn-126	0.0007	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00024	10032	Sr-90	-0.0008	0.052	0.015	0.485	U	1.00 - 5.00
5C-00024	10032	Te-125m	0.029	0.0095	0.0023	0.0838	S K	1.00 - 5.00
5C-00024	10032	Th-228	1.42	0.017	0.072	3.98		1.00 - 5.00
5C-00024	10032	Th-229	0.0095	0.0032	0.0034	0.145		1.00 - 5.00
5C-00024	10032	Th-230	0.869	0.01	0.048	2.2		1.00 - 5.00
5C-00024	10032	Th-232	1.35	0.01	0.069	3.1		1.00 - 5.00
5C-00024	10032	Th-234	0.31	0.16	0.049	3.19	R	1.00 - 5.00
5C-00024	10032	Tl-208	0.472	0.017	0.018	0.937		1.00 - 5.00
5C-00024	10032	Tm-171	-1.9	5.6	1.7	72.4	U	1.00 - 5.00
5C-00024	10032	U-233/234	0.607	0.013	0.037	2.02		1.00 - 5.00
5C-00024	10032	U-235/236	0.0377	0.0039	0.0076	0.151		1.00 - 5.00
5C-00024	10032	U-238	0.681	0.003	0.04	1.8		1.00 - 5.00
5C-00025	10033	Ac-227	0.035	0.13	0.055	0.217	U	1.00 - 5.00
5C-00025	10033	Ac-228	1.18	0.077	0.042	2.4		1.00 - 5.00
5C-00025	10033	Ag-108	0	0.0012	0	--	R U	1.00 - 5.00
5C-00025	10033	Ag-108m	-0.0003	0.013	0.0003	--	R U	1.00 - 5.00
5C-00025	10033	Am-241	0.0011	0.0083	0.002	0.0454	U	1.00 - 5.00
5C-00025	10033	Ba-133	0.0103	0.012	0.0058	--	R	1.00 - 5.00
5C-00025	10033	Ba-137m	0.0034	0.014	0.0043	--	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00025	10033	Bi-212	0.954	0.12	0.072	2.15		1.00 - 5.00
5C-00025	10033	Bi-214	0.833	0.024	0.03	1.59		1.00 - 5.00
5C-00025	10033	Cd-113m	6	36	11	3030	U	1.00 - 5.00
5C-00025	10033	Cf-249	0.0029	0.054	0.0046	--	U R	1.00 - 5.00
5C-00025	10033	Cm-243/244	-0.0011	0.0082	0.0012	0.0443	U	1.00 - 5.00
5C-00025	10033	Cm-245/246	0	0.0077	0.0016	0.0401	U J	1.00 - 5.00
5C-00025	10033	Cm-247/248	0.001	0.0028	0.001	0.0306	U J	1.00 - 5.00
5C-00025	10033	Co-60	0.0066	0.018	0.0054	0.028	U	1.00 - 5.00
5C-00025	10033	Cs-134	-0.0024	0.028	0.0086	0.0864	U	1.00 - 5.00
5C-00025	10033	Cs-137	0.0036	0.015	0.0046	0.207	U	1.00 - 5.00
5C-00025	10033	Eu-152	0.01	0.035	0.014	0.0566	U	1.00 - 5.00
5C-00025	10033	Eu-154	0.028	0.088	0.026	0.15	U	1.00 - 5.00
5C-00025	10033	Eu-155	0.083	0.03	0.012	0.231	J S K	1.00 - 5.00
5C-00025	10033	Ho-166m	0.0305	0.022	0.0039	0.0432	S K	1.00 - 5.00
5C-00025	10033	K-40	17.8	0.12	0.54	32.4		1.00 - 5.00
5C-00025	10033	Na-22	-0.0081	0.025	0.0074	0.037	U	1.00 - 5.00
5C-00025	10033	Nb-94	0.0037	0.013	0.004	0.0214	U	1.00 - 5.00
5C-00025	10033	Np-236	-0.0042	0.029	0.0088	0.047	U	1.00 - 5.00
5C-00025	10033	Np-239	0.017	0.08	0.024	0.139	U	1.00 - 5.00
5C-00025	10033	Pa-231	-0.12	0.57	0.17	0.936	U	1.00 - 5.00
5C-00025	10033	Pb-212	1.41	0.028	0.058	2.69		1.00 - 5.00
5C-00025	10033	Pb-214	0.882	0.025	0.03	1.7		1.00 - 5.00
5C-00025	10033	Pu-236	-0.0019	0.0097	0.002	7.79	U	1.00 - 5.00
5C-00025	10033	Pu-238	0.0003	0.0051	0.001	0.0415	U	1.00 - 5.00
5C-00025	10033	Pu-239/240	0.0009	0.0023	0.0009	0.0404	U	1.00 - 5.00
5C-00025	10033	Pu-244	0.0034	0.0023	0.0017	0.0313		1.00 - 5.00
5C-00025	10033	Rn-220	1.18	0.028	0.093	--		1.00 - 5.00
5C-00025	10033	Rn-222	0.858	0.024	0.042	--		1.00 - 5.00
5C-00025	10033	Sb-125	0.125	0.035	0.01	0.354	S K	1.00 - 5.00
5C-00025	10033	Sn-126	0.0018	0.015	0.0046	0.0237	U	1.00 - 5.00
5C-00025	10033	Sr-90	0.033	0.046	0.014	0.485		1.00 - 5.00
5C-00025	10033	Te-125m	0.0289	0.008	0.0024	0.0838	S K	1.00 - 5.00
5C-00025	10033	Th-228	1.23	0.015	0.063	3.98		1.00 - 5.00
5C-00025	10033	Th-229	0	0.013	0.0033	0.145	U	1.00 - 5.00
5C-00025	10033	Th-230	0.805	0.003	0.044	2.2		1.00 - 5.00
5C-00025	10033	Th-232	1.16	0.003	0.06	3.1		1.00 - 5.00
5C-00025	10033	Th-234	0.396	0.14	0.047	3.19	R	1.00 - 5.00
5C-00025	10033	Tl-208	0.46	0.017	0.017	0.937		1.00 - 5.00
5C-00025	10033	Tm-171	-0.08	5.7	1.7	72.4	U	1.00 - 5.00
5C-00025	10033	U-233/234	0.63	0.005	0.034	2.02		1.00 - 5.00
5C-00025	10033	U-235/236	0.0313	0.0024	0.0054	0.151		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00025	10033	U-238	0.694	0.002	0.037	1.8		1.00 - 5.00
5C-00026	10034	Ac-227	0.08	0.093	0.021	0.217		0.00 - 0.50
5C-00026	10034	Ac-228	1.31	0.065	0.046	2.4		0.00 - 0.50
5C-00026	10034	Ag-108	-0.0035	0.0013	0.0004	--	R U	0.00 - 0.50
5C-00026	10034	Ag-108m	-0.0375	0.013	0.0045	--	R U	0.00 - 0.50
5C-00026	10034	Am-241	0	0.01	0.0023	0.0454	U	0.00 - 0.50
5C-00026	10034	Ba-133	-0.081	0.018	0.0065	--	R U	0.00 - 0.50
5C-00026	10034	Ba-137m	0.0279	0.0083	0.0038	--		0.00 - 0.50
5C-00026	10034	Bi-212	1.01	0.11	0.068	2.15		0.00 - 0.50
5C-00026	10034	Bi-214	0.76	0.02	0.029	1.59		0.00 - 0.50
5C-00026	10034	C-14	0.006	0.026	0.0078	2.96	U	0.00 - 0.50
5C-00026	10034	Cd-113m	1.4	30	8.9	3030	U	0.00 - 0.50
5C-00026	10034	Cf-249	-0.014	0.056	0.017	--	U R	0.00 - 0.50
5C-00026	10034	Cm-243/244	0.0011	0.012	0.003	0.0443	U	0.00 - 0.50
5C-00026	10034	Cm-245/246	0.001	0.0027	0.001	0.0401	U J	0.00 - 0.50
5C-00026	10034	Cm-247/248	0.002	0.0027	0.0014	0.0306	U J	0.00 - 0.50
5C-00026	10034	Co-60	0	0.013	0.003	0.028	U	0.00 - 0.50
5C-00026	10034	Cs-134	0.0117	0.044	0.0035	0.0864	U	0.00 - 0.50
5C-00026	10034	Cs-137	0.0295	0.0087	0.004	0.207		0.00 - 0.50
5C-00026	10034	Eu-152	-0.0081	0.03	0.0091	0.0566	U	0.00 - 0.50
5C-00026	10034	Eu-154	-0.033	0.083	0.025	0.15	U	0.00 - 0.50
5C-00026	10034	Eu-155	0.096	0.032	0.014	0.231	S K	0.00 - 0.50
5C-00026	10034	H-3	0.109	0.19	0.058	11.9		0.00 - 0.50
5C-00026	10034	Ho-166m	0.0072	0.02	0.0033	0.0432	U	0.00 - 0.50
5C-00026	10034	K-40	20.1	0.13	0.67	32.4		0.00 - 0.50
5C-00026	10034	Na-22	-0.0042	0.018	0.0055	0.037	U	0.00 - 0.50
5C-00026	10034	Nb-94	0.0026	0.011	0.0033	0.0214	U	0.00 - 0.50
5C-00026	10034	Ni-59	0	0.17	0.045	5.96	U	0.00 - 0.50
5C-00026	10034	Ni-63	-0.03	0.65	0.19	4.92	U	0.00 - 0.50
5C-00026	10034	Np-236	-0.0024	0.027	0.0081	0.047	U	0.00 - 0.50
5C-00026	10034	Np-239	-0.011	0.073	0.022	0.139	U	0.00 - 0.50
5C-00026	10034	Pa-231	-0.05	0.5	0.15	0.936	U	0.00 - 0.50
5C-00026	10034	Pb-212	1.75	0.02	0.092	2.69		0.00 - 0.50
5C-00026	10034	Pb-214	0.854	0.023	0.032	1.7		0.00 - 0.50
5C-00026	10034	Pu-236	0.0005	0.0037	0.0009	7.79	U	0.00 - 0.50
5C-00026	10034	Pu-238	-0.0015	0.0061	0.0012	0.0415	U	0.00 - 0.50
5C-00026	10034	Pu-239/240	0.001	0.0037	0.001	0.0404	U	0.00 - 0.50
5C-00026	10034	Pu-244	0.0025	0.0014	0.0011	0.0313		0.00 - 0.50
5C-00026	10034	Rn-220	1.38	0.02	0.11	--		0.00 - 0.50
5C-00026	10034	Rn-222	0.807	0.02	0.044	--		0.00 - 0.50
5C-00026	10034	Sb-125	0.16	0.034	0.011	0.354	S K	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00026	10034	Sn-126	0.0002	0.0099	0.0029	0.0237	U	0.00 - 0.50
5C-00026	10034	Sr-90	0.029	0.04	0.012	0.485		0.00 - 0.50
5C-00026	10034	Tc-99	-0.03	0.31	0.094	1.63	U	0.00 - 0.50
5C-00026	10034	Te-125m	0.037	0.008	0.0025	0.0838	S K	0.00 - 0.50
5C-00026	10034	Th-228	1.59	0.004	0.082	3.98		0.00 - 0.50
5C-00026	10034	Th-229	0.0036	0.0024	0.0018	0.145		0.00 - 0.50
5C-00026	10034	Th-230	0.952	0.01	0.054	2.2		0.00 - 0.50
5C-00026	10034	Th-232	1.52	0.004	0.079	3.1		0.00 - 0.50
5C-00026	10034	Th-234	1.43	0.13	0.081	3.19	R	0.00 - 0.50
5C-00026	10034	Tl-208	0.506	0.014	0.019	0.937		0.00 - 0.50
5C-00026	10034	Tm-171	0.06	5.6	1.7	72.4	U	0.00 - 0.50
5C-00026	10034	U-233/234	0.712	0.009	0.042	2.02		0.00 - 0.50
5C-00026	10034	U-235/236	0.036	0.0042	0.0076	0.151		0.00 - 0.50
5C-00026	10034	U-238	0.718	0.003	0.043	1.8		0.00 - 0.50
5C-00026	10035	Ac-227	0.052	0.14	0.043	0.217	U	1.00 - 5.00
5C-00026	10035	Ac-228	1.25	0.1	0.046	2.4		1.00 - 5.00
5C-00026	10035	Ag-108	-0.0006	0.0013	0.0004	--	U R	1.00 - 5.00
5C-00026	10035	Ag-108m	-0.0062	0.014	0.0043	--	U R	1.00 - 5.00
5C-00026	10035	Am-241	0.0011	0.0083	0.002	0.0454	U	1.00 - 5.00
5C-00026	10035	Ba-133	-0.0462	0.019	0.0063	--	R U	1.00 - 5.00
5C-00026	10035	Ba-137m	-0.0069	0.017	0.0051	--	U	1.00 - 5.00
5C-00026	10035	Bi-212	1.01	0.15	0.087	2.15		1.00 - 5.00
5C-00026	10035	Bi-214	0.984	0.031	0.036	1.59		1.00 - 5.00
5C-00026	10035	C-14	0.043	0.043	0.013	2.96		1.00 - 5.00
5C-00026	10035	Cd-113m	27	31	12	3030		1.00 - 5.00
5C-00026	10035	Cf-249	0.0052	0.058	0.0046	--	U R	1.00 - 5.00
5C-00026	10035	Cm-243/244	0.0011	0.003	0.0011	0.0443	U	1.00 - 5.00
5C-00026	10035	Cm-245/246	0	0.01	0.0025	0.0401	U J	1.00 - 5.00
5C-00026	10035	Cm-247/248	0.0028	0.0026	0.0016	0.0306	J	1.00 - 5.00
5C-00026	10035	Co-60	0.001	0.02	0.006	0.028	U	1.00 - 5.00
5C-00026	10035	Cs-134	0.0034	0.018	0.0011	0.0864	U	1.00 - 5.00
5C-00026	10035	Cs-137	-0.0073	0.018	0.0054	0.207	U	1.00 - 5.00
5C-00026	10035	Eu-152	-0.0046	0.031	0.0093	0.0566	U	1.00 - 5.00
5C-00026	10035	Eu-154	-0.034	0.11	0.034	0.15	U	1.00 - 5.00
5C-00026	10035	Eu-155	0.079	0.034	0.014	0.231	S K	1.00 - 5.00
5C-00026	10035	H-3	0.054	0.22	0.067	11.9	U	1.00 - 5.00
5C-00026	10035	Ho-166m	0.019	0.027	0.01	0.0432	S K	1.00 - 5.00
5C-00026	10035	K-40	20.5	0.13	0.63	32.4		1.00 - 5.00
5C-00026	10035	Na-22	-0.0096	0.027	0.008	0.037	U	1.00 - 5.00
5C-00026	10035	Nb-94	0.0052	0.015	0.0044	0.0214	U	1.00 - 5.00
5C-00026	10035	Ni-59	0	0.13	0.036	5.96	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00026	10035	Ni-63	0.04	0.48	0.14	4.92	U	1.00 - 5.00
5C-00026	10035	Np-236	-0.0122	0.029	0.0087	0.047	U	1.00 - 5.00
5C-00026	10035	Np-239	-0.016	0.091	0.027	0.139	U	1.00 - 5.00
5C-00026	10035	Pa-231	-0.09	0.63	0.19	0.936	U	1.00 - 5.00
5C-00026	10035	Pb-212	1.51	0.027	0.062	2.69		1.00 - 5.00
5C-00026	10035	Pb-214	1.06	0.026	0.036	1.7		1.00 - 5.00
5C-00026	10035	Pu-236	-0.0013	0.0077	0.002	7.79	U	1.00 - 5.00
5C-00026	10035	Pu-238	0.0021	0.0011	0.001	0.0415		1.00 - 5.00
5C-00026	10035	Pu-239/240	-0.0004	0.0031	0.0005	0.0404	U	1.00 - 5.00
5C-00026	10035	Pu-244	0.0034	0.0011	0.0012	0.0313		1.00 - 5.00
5C-00026	10035	Rn-220	1.26	0.03	0.11	--		1.00 - 5.00
5C-00026	10035	Rn-222	1.02	0.026	0.051	--		1.00 - 5.00
5C-00026	10035	Sb-125	0.036	0.034	0.018	0.354	S K	1.00 - 5.00
5C-00026	10035	Sn-126	-0.0001	0.018	0.0053	0.0237	U	1.00 - 5.00
5C-00026	10035	Sr-90	0.006	0.051	0.015	0.485	U	1.00 - 5.00
5C-00026	10035	Tc-99	-0.047	0.28	0.084	1.63	U	1.00 - 5.00
5C-00026	10035	Te-125m	0.0084	0.0079	0.004	0.0838	S K	1.00 - 5.00
5C-00026	10035	Th-228	1.25	0.015	0.063	3.98		1.00 - 5.00
5C-00026	10035	Th-229	0.0113	0.0092	0.0042	0.145		1.00 - 5.00
5C-00026	10035	Th-230	0.949	0.002	0.05	2.2		1.00 - 5.00
5C-00026	10035	Th-232	1.24	0.007	0.062	3.1		1.00 - 5.00
5C-00026	10035	Th-234	0.39	0.16	0.053	3.19	R	1.00 - 5.00
5C-00026	10035	Tl-208	0.491	0.019	0.019	0.937		1.00 - 5.00
5C-00026	10035	Tm-171	0.1	4.6	1.4	72.4	U	1.00 - 5.00
5C-00026	10035	U-233/234	0.922	0.003	0.049	2.02		1.00 - 5.00
5C-00026	10035	U-235/236	0.0435	0.0034	0.0076	0.151		1.00 - 5.00
5C-00026	10035	U-238	0.992	0.009	0.052	1.8		1.00 - 5.00
5C-00027	10036	Ac-227	0.039	0.12	0.047	0.217	U	0.00 - 0.50
5C-00027	10036	Ac-228	1.15	0.068	0.053	2.4		0.00 - 0.50
5C-00027	10036	Ag-108	-0.0011	0.0011	0.0003	--	R U	0.00 - 0.50
5C-00027	10036	Ag-108m	-0.0113	0.012	0.0036	--	R U	0.00 - 0.50
5C-00027	10036	Am-241	0	0.011	0.0027	0.0454	U	0.00 - 0.50
5C-00027	10036	Ba-133	-0.0226	0.016	0.0049	--	R U	0.00 - 0.50
5C-00027	10036	Ba-137m	0.0157	0.008	0.0034	--		0.00 - 0.50
5C-00027	10036	Bi-212	1.06	0.099	0.066	2.15		0.00 - 0.50
5C-00027	10036	Bi-214	0.733	0.022	0.029	1.59		0.00 - 0.50
5C-00027	10036	C-14	0.0002	0.024	0.0071	2.96	U	0.00 - 0.50
5C-00027	10036	Cd-113m	4.46	33	9.95	3030	U	0.00 - 0.50
5C-00027	10036	Cf-249	-0.028	0.049	0.015	--	U R	0.00 - 0.50
5C-00027	10036	Cm-243/244	-0.002	0.0094	0.0016	0.0443	U	0.00 - 0.50
5C-00027	10036	Cm-245/246	0	0.0021	0.0009	0.0401	U J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00027	10036	Cm-247/248	0.0008	0.0021	0.0008	0.0306	U J	0.00 - 0.50
5C-00027	10036	Co-60	0.0024	0.014	0.0034	0.028	U	0.00 - 0.50
5C-00027	10036	Cs-134	0.0128	0.034	0.0046	0.0864	U	0.00 - 0.50
5C-00027	10036	Cs-137	0.0166	0.0085	0.0036	0.207		0.00 - 0.50
5C-00027	10036	Eu-152	0.022	0.023	0.012	0.0566		0.00 - 0.50
5C-00027	10036	Eu-154	0.0006	0.075	0.022	0.15	U	0.00 - 0.50
5C-00027	10036	Eu-155	0.044	0.028	0.0087	0.231	S K	0.00 - 0.50
5C-00027	10036	H-3	0.084	0.19	0.057	11.9	U	0.00 - 0.50
5C-00027	10036	Ho-166m	0.009	0.019	0.0042	0.0432	U	0.00 - 0.50
5C-00027	10036	K-40	19.6	0.15	0.65	32.4		0.00 - 0.50
5C-00027	10036	Na-22	-0.0038	0.018	0.0056	0.037	U	0.00 - 0.50
5C-00027	10036	Nb-94	0.0032	0.01	0.0023	0.0214	U	0.00 - 0.50
5C-00027	10036	Ni-59	0	0.18	0.05	5.96	U	0.00 - 0.50
5C-00027	10036	Ni-63	0.004	0.72	0.22	4.92	U	0.00 - 0.50
5C-00027	10036	Np-236	-0.0043	0.025	0.0077	0.047	U	0.00 - 0.50
5C-00027	10036	Np-239	-0.012	0.073	0.022	0.139	U	0.00 - 0.50
5C-00027	10036	Pa-231	-0.013	0.33	0.097	0.936	U	0.00 - 0.50
5C-00027	10036	Pb-212	1.64	0.021	0.087	2.69		0.00 - 0.50
5C-00027	10036	Pb-214	0.876	0.023	0.034	1.7		0.00 - 0.50
5C-00027	10036	Pu-236	-0.0014	0.0061	0.0013	7.79	U	0.00 - 0.50
5C-00027	10036	Pu-238	0.0009	0.0034	0.001	0.0415	U	0.00 - 0.50
5C-00027	10036	Pu-239/240	0.0009	0.0013	0.0007	0.0404	U	0.00 - 0.50
5C-00027	10036	Pu-244	0.0019	0.0013	0.0009	0.0313		0.00 - 0.50
5C-00027	10036	Rn-220	1.35	0.02	0.11	--		0.00 - 0.50
5C-00027	10036	Rn-222	0.805	0.022	0.044	--		0.00 - 0.50
5C-00027	10036	Sb-125	0.149	0.032	0.01	0.354	S K	0.00 - 0.50
5C-00027	10036	Sn-126	0.0011	0.01	0.0031	0.0237	U	0.00 - 0.50
5C-00027	10036	Sr-90	0.0158	0.03	0.0091	0.485	U	0.00 - 0.50
5C-00027	10036	Tc-99	-0.005	0.32	0.098	1.63	U	0.00 - 0.50
5C-00027	10036	Te-125m	0.0345	0.0074	0.0024	0.0838	S K	0.00 - 0.50
5C-00027	10036	Th-228	1.35	0.019	0.069	3.98		0.00 - 0.50
5C-00027	10036	Th-229	0.0059	0.0062	0.0026	0.145		0.00 - 0.50
5C-00027	10036	Th-230	0.873	0.013	0.049	2.2		0.00 - 0.50
5C-00027	10036	Th-232	1.25	0.013	0.065	3.1		0.00 - 0.50
5C-00027	10036	Th-234	0.325	0.14	0.046	3.19	R	0.00 - 0.50
5C-00027	10036	Tl-208	0.506	0.015	0.02	0.937		0.00 - 0.50
5C-00027	10036	Tm-171	-1.1	5.1	1.6	72.4	U	0.00 - 0.50
5C-00027	10036	U-233/234	0.658	0.013	0.041	2.02		0.00 - 0.50
5C-00027	10036	U-235/236	0.0258	0.013	0.0072	0.151		0.00 - 0.50
5C-00027	10036	U-238	0.624	0.004	0.039	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00027	10037	Ac-227	0.049	0.13	0.04	0.217	U	1.00 - 5.00
5C-00027	10037	Ac-228	1.32	0.071	0.047	2.4		1.00 - 5.00
5C-00027	10037	Ag-108	-0.0012	0.0013	0.0004	--	L U R	1.00 - 5.00
5C-00027	10037	Ag-108m	-0.0128	0.014	0.0043	--	L U R	1.00 - 5.00
5C-00027	10037	Am-241	-0.0043	0.015	0.0033	0.0454	U	1.00 - 5.00
5C-00027	10037	Ba-133	-0.0229	0.018	0.0055	--	R U	1.00 - 5.00
5C-00027	10037	Ba-137m	-0.009	0.014	0.0042	--	L U	1.00 - 5.00
5C-00027	10037	Bi-212	1.04	0.12	0.073	2.15		1.00 - 5.00
5C-00027	10037	Bi-214	0.959	0.023	0.036	1.59		1.00 - 5.00
5C-00027	10037	C-14	0.016	0.038	0.012	2.96	U	1.00 - 5.00
5C-00027	10037	Cd-113m	0	38	7.8	3030	U	1.00 - 5.00
5C-00027	10037	Cf-249	-0.042	0.061	0.019	--	L U R	1.00 - 5.00
5C-00027	10037	Cm-243/244	0	0.0028	0.0012	0.0443	U	1.00 - 5.00
5C-00027	10037	Cm-245/246	-0.0011	0.014	0.0032	0.0401	U J	1.00 - 5.00
5C-00027	10037	Cm-247/248	0.0034	0.003	0.0019	0.0306	J	1.00 - 5.00
5C-00027	10037	Co-60	-0.0029	0.016	0.0048	0.028	U	1.00 - 5.00
5C-00027	10037	Cs-134	0.005	0.049	0.004	0.0864	U	1.00 - 5.00
5C-00027	10037	Cs-137	-0.0095	0.015	0.0045	0.207	L U	1.00 - 5.00
5C-00027	10037	Eu-152	-0.006	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00027	10037	Eu-154	-0.031	0.093	0.028	0.15	U	1.00 - 5.00
5C-00027	10037	Eu-155	0.088	0.032	0.014	0.231	S K	1.00 - 5.00
5C-00027	10037	H-3	0.103	0.23	0.068	11.9	U	1.00 - 5.00
5C-00027	10037	Ho-166m	0.0272	0.022	0.0036	0.0432	S K	1.00 - 5.00
5C-00027	10037	K-40	22.2	0.16	0.74	32.4		1.00 - 5.00
5C-00027	10037	Na-22	0.0015	0.021	0.0063	0.037	U	1.00 - 5.00
5C-00027	10037	Nb-94	0.0003	0.013	0.0038	0.0214	U	1.00 - 5.00
5C-00027	10037	Ni-59	0	0.16	0.045	5.96	U	1.00 - 5.00
5C-00027	10037	Ni-63	-0.04	0.65	0.19	4.92	U	1.00 - 5.00
5C-00027	10037	Np-236	-0.0035	0.029	0.0086	0.047	U	1.00 - 5.00
5C-00027	10037	Np-239	-0.023	0.084	0.026	0.139	U	1.00 - 5.00
5C-00027	10037	Pa-231	0.13	0.55	0.16	0.936	U	1.00 - 5.00
5C-00027	10037	Pb-212	1.66	0.022	0.087	2.69		1.00 - 5.00
5C-00027	10037	Pb-214	1.08	0.027	0.041	1.7		1.00 - 5.00
5C-00027	10037	Pu-236	-0.0014	0.0074	0.0018	7.79	U	1.00 - 5.00
5C-00027	10037	Pu-238	-0.0009	0.0056	0.0012	0.0415	U	1.00 - 5.00
5C-00027	10037	Pu-239/240	0	0.0043	0.001	0.0404	U	1.00 - 5.00
5C-00027	10037	Pu-244	0.0009	0.0034	0.001	0.0313	U	1.00 - 5.00
5C-00027	10037	Rn-220	1.35	0.02	0.11	--		1.00 - 5.00
5C-00027	10037	Rn-222	1.02	0.023	0.055	--		1.00 - 5.00
5C-00027	10037	Sb-125	0.122	0.038	0.0093	0.354	S K	1.00 - 5.00
5C-00027	10037	Sn-126	0.0042	0.013	0.0039	0.0237	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00027	10037	Sr-90	0.003	0.045	0.013	0.485	U	1.00 - 5.00
5C-00027	10037	Tc-99	-0.036	0.3	0.09	1.63	U	1.00 - 5.00
5C-00027	10037	Te-125m	0.0282	0.0088	0.0021	0.0838	S K	1.00 - 5.00
5C-00027	10037	Th-228	1.28	0.009	0.063	3.98		1.00 - 5.00
5C-00027	10037	Th-229	0.0087	0.013	0.0046	0.145		1.00 - 5.00
5C-00027	10037	Th-230	0.902	0.006	0.046	2.2		1.00 - 5.00
5C-00027	10037	Th-232	1.22	0.006	0.06	3.1		1.00 - 5.00
5C-00027	10037	Th-234	1.57	0.14	0.09	3.19	R	1.00 - 5.00
5C-00027	10037	Tl-208	0.508	0.016	0.02	0.937		1.00 - 5.00
5C-00027	10037	Tm-171	-2.4	5.7	1.7	72.4	U	1.00 - 5.00
5C-00027	10037	U-233/234	0.944	0.003	0.05	2.02		1.00 - 5.00
5C-00027	10037	U-235/236	0.0365	0.011	0.0072	0.151		1.00 - 5.00
5C-00027	10037	U-238	0.904	0.003	0.048	1.8		1.00 - 5.00
5C-00028	10038	Ac-227	0.027	0.13	0.043	0.217	U	1.00 - 5.00
5C-00028	10038	Ac-228	1.07	0.076	0.04	2.4		1.00 - 5.00
5C-00028	10038	Ag-108	-0.0032	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00028	10038	Ag-108m	-0.0342	0.015	0.0049	--	R U	1.00 - 5.00
5C-00028	10038	Am-241	0.0008	0.0062	0.0015	0.0454	U	1.00 - 5.00
5C-00028	10038	Ba-133	-0.0816	0.021	0.0071	--	R U	1.00 - 5.00
5C-00028	10038	Ba-137m	0.0026	0.014	0.0042	--	U	1.00 - 5.00
5C-00028	10038	Bi-212	0.92	0.13	0.085	2.15		1.00 - 5.00
5C-00028	10038	Bi-214	0.79	0.021	0.028	1.59		1.00 - 5.00
5C-00028	10038	Cd-113m	0	37	10	3030	U	1.00 - 5.00
5C-00028	10038	Cf-249	0.002	0.06	0.018	--	U R	1.00 - 5.00
5C-00028	10038	Cm-243/244	-0.0016	0.0077	0.0013	0.0443	U	1.00 - 5.00
5C-00028	10038	Cm-245/246	0.0033	0.0029	0.0019	0.0401	J	1.00 - 5.00
5C-00028	10038	Cm-247/248	0	0.0029	0.0012	0.0306	U J	1.00 - 5.00
5C-00028	10038	Co-60	0.001	0.017	0.004	0.028	U	1.00 - 5.00
5C-00028	10038	Cs-134	0.0109	0.0092	0.0038	0.0864	S K	1.00 - 5.00
5C-00028	10038	Cs-137	0.0027	0.015	0.0044	0.207	U	1.00 - 5.00
5C-00028	10038	Eu-152	-0.005	0.034	0.01	0.0566	U	1.00 - 5.00
5C-00028	10038	Eu-154	0.017	0.091	0.027	0.15	U	1.00 - 5.00
5C-00028	10038	Eu-155	0.061	0.028	0.011	0.231	J S K	1.00 - 5.00
5C-00028	10038	Ho-166m	0.0077	0.023	0.005	0.0432	U	1.00 - 5.00
5C-00028	10038	K-40	18.6	0.11	0.56	32.4		1.00 - 5.00
5C-00028	10038	Na-22	-0.0058	0.023	0.0068	0.037	U	1.00 - 5.00
5C-00028	10038	Nb-94	0.0006	0.013	0.004	0.0214	U	1.00 - 5.00
5C-00028	10038	Np-236	-0.0091	0.027	0.0081	0.047	U	1.00 - 5.00
5C-00028	10038	Np-239	-0.001	0.07	0.021	0.139	U	1.00 - 5.00
5C-00028	10038	Pa-231	-0.03	0.53	0.16	0.936	U	1.00 - 5.00
5C-00028	10038	Pb-212	1.4	0.021	0.057	2.69		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00028	10038	Pb-214	0.855	0.026	0.03	1.7		1.00 - 5.00
5C-00028	10038	Pu-236	0.0007	0.002	0.0007	7.79	U	1.00 - 5.00
5C-00028	10038	Pu-238	-0.0004	0.0044	0.0005	0.0415	U	1.00 - 5.00
5C-00028	10038	Pu-239/240	0.0003	0.0044	0.0009	0.0404	U	1.00 - 5.00
5C-00028	10038	Pu-244	0.0015	0.002	0.001	0.0313		1.00 - 5.00
5C-00028	10038	Rn-220	1.16	0.02	0.1	--		1.00 - 5.00
5C-00028	10038	Rn-222	0.822	0.021	0.041	--		1.00 - 5.00
5C-00028	10038	Sb-125	0.104	0.037	0.009	0.354	S K	1.00 - 5.00
5C-00028	10038	Sn-126	0.0034	0.014	0.0043	0.0237	U	1.00 - 5.00
5C-00028	10038	Sr-90	0.015	0.05	0.015	0.485	U	1.00 - 5.00
5C-00028	10038	Te-125m	0.0241	0.0085	0.0021	0.0838	S K	1.00 - 5.00
5C-00028	10038	Th-228	1.23	0.007	0.062	3.98		1.00 - 5.00
5C-00028	10038	Th-229	0.0125	0.0021	0.0032	0.145		1.00 - 5.00
5C-00028	10038	Th-230	0.821	0.003	0.044	2.2		1.00 - 5.00
5C-00028	10038	Th-232	1.25	0.003	0.063	3.1		1.00 - 5.00
5C-00028	10038	Th-234	0.291	0.15	0.046	3.19	R	1.00 - 5.00
5C-00028	10038	Tl-208	0.437	0.015	0.016	0.937		1.00 - 5.00
5C-00028	10038	Tm-171	-2.3	5.5	1.7	72.4	U	1.00 - 5.00
5C-00028	10038	U-233/234	0.688	0.006	0.037	2.02		1.00 - 5.00
5C-00028	10038	U-235/236	0.0465	0.0062	0.0071	0.151		1.00 - 5.00
5C-00028	10038	U-238	0.688	0.005	0.037	1.8		1.00 - 5.00
5C-00030	10040	Ac-227	0.346	0.13	0.019	0.217	Z	1.00 - 5.00
5C-00030	10040	Ac-228	1.34	0.069	0.046	2.4		1.00 - 5.00
5C-00030	10040	Ag-108	-0.0047	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00030	10040	Ag-108m	-0.0503	0.015	0.0052	--	R U	1.00 - 5.00
5C-00030	10040	Am-241	0.0008	0.006	0.0015	0.0454	U	1.00 - 5.00
5C-00030	10040	Ba-133	-0.0884	0.02	0.0073	--	R U	1.00 - 5.00
5C-00030	10040	Ba-137m	-0.0002	0.013	0.004	--	U	1.00 - 5.00
5C-00030	10040	Bi-212	1.07	0.11	0.071	2.15		1.00 - 5.00
5C-00030	10040	Bi-214	0.923	0.023	0.035	1.59		1.00 - 5.00
5C-00030	10040	Cd-113m	8	36	11	3030	U	1.00 - 5.00
5C-00030	10040	Cf-249	0.013	0.053	0.016	--	U R	1.00 - 5.00
5C-00030	10040	Cm-243/244	0	0.013	0.0036	0.0443	U	1.00 - 5.00
5C-00030	10040	Cm-245/246	0.0088	0.002	0.0026	0.0401	K	1.00 - 5.00
5C-00030	10040	Cm-247/248	0.0007	0.0019	0.0007	0.0306	U J	1.00 - 5.00
5C-00030	10040	Co-60	0.0032	0.016	0.0047	0.028	U	1.00 - 5.00
5C-00030	10040	Cs-134	0.0133	0.048	0.0047	0.0864	U	1.00 - 5.00
5C-00030	10040	Cs-137	-0.0002	0.014	0.0042	0.207	U	1.00 - 5.00
5C-00030	10040	Eu-152	0.0112	0.033	0.0063	0.0566	U	1.00 - 5.00
5C-00030	10040	Eu-154	-0.02	0.082	0.025	0.15	U	1.00 - 5.00
5C-00030	10040	Eu-155	0.094	0.034	0.015	0.231	S K	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00030	10040	Ho-166m	0.0039	0.021	0.0032	0.0432	U	1.00 - 5.00
5C-00030	10040	K-40	22	0.14	0.73	32.4		1.00 - 5.00
5C-00030	10040	Na-22	-0.0072	0.02	0.006	0.037	U	1.00 - 5.00
5C-00030	10040	Nb-94	0.0033	0.012	0.0036	0.0214	U	1.00 - 5.00
5C-00030	10040	Np-236	-0.0109	0.028	0.0085	0.047	U	1.00 - 5.00
5C-00030	10040	Np-239	0.013	0.078	0.024	0.139	U	1.00 - 5.00
5C-00030	10040	Pa-231	-0.06	0.52	0.16	0.936	U	1.00 - 5.00
5C-00030	10040	Pb-212	1.57	0.026	0.083	2.69		1.00 - 5.00
5C-00030	10040	Pb-214	1.04	0.025	0.039	1.7		1.00 - 5.00
5C-00030	10040	Pu-236	-0.0008	0.0084	0.0023	7.79	U	1.00 - 5.00
5C-00030	10040	Pu-238	0.0004	0.005	0.0013	0.0415	U	1.00 - 5.00
5C-00030	10040	Pu-239/240	0	0.0011	0.0005	0.0404	U	1.00 - 5.00
5C-00030	10040	Pu-244	0.0008	0.0011	0.0006	0.0313	U	1.00 - 5.00
5C-00030	10040	Rn-220	1.32	0.03	0.11	--		1.00 - 5.00
5C-00030	10040	Rn-222	0.981	0.023	0.052	--		1.00 - 5.00
5C-00030	10040	Sb-125	0.147	0.038	0.012	0.354	S K	1.00 - 5.00
5C-00030	10040	Sn-126	0.0002	0.013	0.004	0.0237	U	1.00 - 5.00
5C-00030	10040	Sr-90	-0.012	0.049	0.014	0.485	U	1.00 - 5.00
5C-00030	10040	Te-125m	0.0338	0.0087	0.0028	0.0838	S K	1.00 - 5.00
5C-00030	10040	Th-228	1.34	0.011	0.065	3.98		1.00 - 5.00
5C-00030	10040	Th-229	0.0078	0.014	0.0047	0.145		1.00 - 5.00
5C-00030	10040	Th-230	0.952	0.007	0.048	2.2		1.00 - 5.00
5C-00030	10040	Th-232	1.28	0.002	0.062	3.1		1.00 - 5.00
5C-00030	10040	Th-234	1.56	0.14	0.088	3.19	R	1.00 - 5.00
5C-00030	10040	Tl-208	0.513	0.017	0.021	0.937		1.00 - 5.00
5C-00030	10040	Tm-171	0.2	5.8	1.7	72.4	U	1.00 - 5.00
5C-00030	10040	U-233/234	0.88	0.002	0.046	2.02		1.00 - 5.00
5C-00030	10040	U-235/236	0.033	0.003	0.0062	0.151		1.00 - 5.00
5C-00030	10040	U-238	0.873	0.008	0.046	1.8		1.00 - 5.00
5C-00031	10041	Ac-227	0.059	0.12	0.039	0.217		1.00 - 5.00
5C-00031	10041	Ac-228	1.27	0.066	0.043	2.4		1.00 - 5.00
5C-00031	10041	Ag-108	-0.0047	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00031	10041	Ag-108m	-0.0504	0.015	0.005	--	R U	1.00 - 5.00
5C-00031	10041	Am-241	0.0025	0.0061	0.0019	0.0454		1.00 - 5.00
5C-00031	10041	Ba-133	-0.105	0.022	0.0079	--	R U	1.00 - 5.00
5C-00031	10041	Ba-137m	0	0.015	0.0028	--	U	1.00 - 5.00
5C-00031	10041	Bi-212	1.09	0.094	0.063	2.15		1.00 - 5.00
5C-00031	10041	Bi-214	0.932	0.022	0.035	1.59		1.00 - 5.00
5C-00031	10041	Cd-113m	15	29	11	3030		1.00 - 5.00
5C-00031	10041	Cf-249	-0.03	0.055	0.017	--	U R	1.00 - 5.00
5C-00031	10041	Cm-243/244	-0.0008	0.0088	0.002	0.0443	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00031	10041	Cm-245/246	0.0024	0.006	0.0019	0.0401	J	1.00 - 5.00
5C-00031	10041	Cm-247/248	-0.0016	0.0074	0.0013	0.0306	U J	1.00 - 5.00
5C-00031	10041	Co-60	-0.0003	0.015	0.0044	0.028	U	1.00 - 5.00
5C-00031	10041	Cs-134	0.0025	0.037	0.0011	0.0864	U	1.00 - 5.00
5C-00031	10041	Cs-137	0	0.016	0.003	0.207	U	1.00 - 5.00
5C-00031	10041	Eu-152	0.0143	0.033	0.0097	0.0566	U	1.00 - 5.00
5C-00031	10041	Eu-154	0.016	0.081	0.024	0.15	U	1.00 - 5.00
5C-00031	10041	Eu-155	0.082	0.032	0.013	0.231	S K	1.00 - 5.00
5C-00031	10041	Ho-166m	0.0023	0.02	0.002	0.0432	U	1.00 - 5.00
5C-00031	10041	K-40	21.8	0.14	0.72	32.4		1.00 - 5.00
5C-00031	10041	Na-22	-0.0014	0.019	0.0057	0.037	U	1.00 - 5.00
5C-00031	10041	Nb-94	0.0061	0.011	0.0034	0.0214	S K	1.00 - 5.00
5C-00031	10041	Np-236	0.0079	0.027	0.0081	0.047	U	1.00 - 5.00
5C-00031	10041	Np-239	0.008	0.08	0.024	0.139	U	1.00 - 5.00
5C-00031	10041	Pa-231	0.1	0.37	0.11	0.936	U	1.00 - 5.00
5C-00031	10041	Pb-212	1.53	0.028	0.082	2.69		1.00 - 5.00
5C-00031	10041	Pb-214	1.03	0.023	0.039	1.7		1.00 - 5.00
5C-00031	10041	Pu-236	0.003	0.0032	0.0013	7.79		1.00 - 5.00
5C-00031	10041	Pu-238	-0.0004	0.004	0.0008	0.0415	U	1.00 - 5.00
5C-00031	10041	Pu-239/240	0.0004	0.0012	0.0004	0.0404	U	1.00 - 5.00
5C-00031	10041	Pu-244	0.0013	0.0012	0.0007	0.0313		1.00 - 5.00
5C-00031	10041	Rn-220	1.31	0.03	0.1	--		1.00 - 5.00
5C-00031	10041	Rn-222	0.982	0.022	0.052	--		1.00 - 5.00
5C-00031	10041	Sb-125	0.147	0.034	0.01	0.354	S K	1.00 - 5.00
5C-00031	10041	Sn-126	0.004	0.013	0.0038	0.0237	U	1.00 - 5.00
5C-00031	10041	Sr-90	0.012	0.049	0.015	0.485	U	1.00 - 5.00
5C-00031	10041	Te-125m	0.0339	0.0079	0.0024	0.0838	S K	1.00 - 5.00
5C-00031	10041	Th-228	1.27	0.008	0.061	3.98		1.00 - 5.00
5C-00031	10041	Th-229	0.0105	0.013	0.0047	0.145		1.00 - 5.00
5C-00031	10041	Th-230	0.939	0.008	0.047	2.2		1.00 - 5.00
5C-00031	10041	Th-232	1.15	0.002	0.056	3.1		1.00 - 5.00
5C-00031	10041	Th-234	0.355	0.15	0.048	3.19	R	1.00 - 5.00
5C-00031	10041	Tl-208	0.477	0.017	0.019	0.937		1.00 - 5.00
5C-00031	10041	Tm-171	-2.3	6	1.8	72.4	U	1.00 - 5.00
5C-00031	10041	U-233/234	0.909	0.002	0.047	2.02		1.00 - 5.00
5C-00031	10041	U-235/236	0.0449	0.0026	0.0069	0.151		1.00 - 5.00
5C-00031	10041	U-238	0.867	0.008	0.045	1.8		1.00 - 5.00
5C-00032	10042	Ac-227	0.348	0.1	0.019	0.217	Z	0.00 - 0.50
5C-00032	10042	Ac-228	1.32	0.073	0.047	2.4		0.00 - 0.50
5C-00032	10042	Ag-108	-0.0013	0.0013	0.0004	--	R U	0.00 - 0.50
5C-00032	10042	Ag-108m	-0.0136	0.014	0.0042	--	R U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00032	10042	Am-241	-0.0009	0.011	0.0026	0.0454	U	0.00 - 0.50
5C-00032	10042	Ba-133	-0.0249	0.017	0.0055	--	R U	0.00 - 0.50
5C-00032	10042	Ba-137m	0.0277	0.01	0.0048	--		0.00 - 0.50
5C-00032	10042	Bi-212	1.04	0.12	0.077	2.15		0.00 - 0.50
5C-00032	10042	Bi-214	0.812	0.025	0.032	1.59		0.00 - 0.50
5C-00032	10042	C-14	0.0281	0.029	0.0092	2.96		0.00 - 0.50
5C-00032	10042	Cd-113m	12	36	11	3030	U	0.00 - 0.50
5C-00032	10042	Cf-249	0.043	0.051	0.023	--	R	0.00 - 0.50
5C-00032	10042	Cm-243/244	-0.0018	0.0083	0.0014	0.0443	U	0.00 - 0.50
5C-00032	10042	Cm-245/246	0	0.0029	0.0012	0.0401	U J	0.00 - 0.50
5C-00032	10042	Cm-247/248	0	0.0078	0.0016	0.0306	U J	0.00 - 0.50
5C-00032	10042	Co-60	0.0007	0.017	0.0049	0.028	U	0.00 - 0.50
5C-00032	10042	Cs-134	-0.0026	0.049	0.0016	0.0864	U	0.00 - 0.50
5C-00032	10042	Cs-137	0.0293	0.011	0.0051	0.207		0.00 - 0.50
5C-00032	10042	Eu-152	-0.0133	0.032	0.0096	0.0566	U	0.00 - 0.50
5C-00032	10042	Eu-154	-0.005	0.066	0.019	0.15	U	0.00 - 0.50
5C-00032	10042	Eu-155	0.067	0.031	0.012	0.231	S K	0.00 - 0.50
5C-00032	10042	H-3	0.069	0.19	0.057	11.9	U	0.00 - 0.50
5C-00032	10042	Ho-166m	-0.0024	0.021	0.0043	0.0432	U	0.00 - 0.50
5C-00032	10042	K-40	20.7	0.16	0.69	32.4		0.00 - 0.50
5C-00032	10042	Na-22	-0.0001	0.02	0.006	0.037	U	0.00 - 0.50
5C-00032	10042	Nb-94	0.0198	0.01	0.005	0.0214	S K	0.00 - 0.50
5C-00032	10042	Ni-59	0	0.17	0.047	5.96	U	0.00 - 0.50
5C-00032	10042	Ni-63	0.04	0.67	0.2	4.92	U	0.00 - 0.50
5C-00032	10042	Np-236	-0.0008	0.025	0.0076	0.047	U	0.00 - 0.50
5C-00032	10042	Np-239	-0.012	0.082	0.025	0.139	U	0.00 - 0.50
5C-00032	10042	Pa-231	-0.031	0.54	0.067	0.936	U	0.00 - 0.50
5C-00032	10042	Pb-212	1.74	0.023	0.092	2.69		0.00 - 0.50
5C-00032	10042	Pb-214	0.943	0.025	0.036	1.7		0.00 - 0.50
5C-00032	10042	Pu-236	-0.0022	0.0083	0.0019	7.79	U	0.00 - 0.50
5C-00032	10042	Pu-238	0.0027	0.004	0.0015	0.0415		0.00 - 0.50
5C-00032	10042	Pu-239/240	0.0017	0.0015	0.001	0.0404		0.00 - 0.50
5C-00032	10042	Pu-244	0.0022	0.0015	0.0011	0.0313		0.00 - 0.50
5C-00032	10042	Rn-220	1.39	0.02	0.12	--		0.00 - 0.50
5C-00032	10042	Rn-222	0.877	0.025	0.048	--		0.00 - 0.50
5C-00032	10042	Sb-125	0.138	0.039	0.01	0.354	S K	0.00 - 0.50
5C-00032	10042	Sn-126	0.0022	0.014	0.0041	0.0237	U	0.00 - 0.50
5C-00032	10042	Sr-90	-0.0154	0.036	0.0097	0.485	U	0.00 - 0.50
5C-00032	10042	Tc-99	-0.045	0.27	0.083	1.63	U	0.00 - 0.50
5C-00032	10042	Te-125m	0.0318	0.0089	0.0023	0.0838	S K	0.00 - 0.50
5C-00032	10042	Th-228	1.26	0.029	0.066	3.98		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00032	10042	Th-229	0.0074	0.002	0.0024	0.145		0.00 - 0.50
5C-00032	10042	Th-230	0.906	0.003	0.05	2.2		0.00 - 0.50
5C-00032	10042	Th-232	1.37	0.003	0.07	3.1		0.00 - 0.50
5C-00032	10042	Th-234	1.52	0.14	0.087	3.19	R	0.00 - 0.50
5C-00032	10042	Tl-208	0.517	0.017	0.021	0.937		0.00 - 0.50
5C-00032	10042	Tm-171	-3.3	5.7	1.8	72.4	U	0.00 - 0.50
5C-00032	10042	U-233/234	1.1	0.01	0.056	2.02		0.00 - 0.50
5C-00032	10042	U-235/236	0.056	0.0082	0.0084	0.151		0.00 - 0.50
5C-00032	10042	U-238	0.895	0.002	0.047	1.8		0.00 - 0.50
5C-00032	10043	Ac-227	0.056	0.15	0.067	0.217	U	1.00 - 5.00
5C-00032	10043	Ac-228	1.52	0.11	0.055	2.4		1.00 - 5.00
5C-00032	10043	Ag-108	-0.0014	0.0017	0.0005	--	L U R	1.00 - 5.00
5C-00032	10043	Ag-108m	-0.0147	0.018	0.0057	--	L U R	1.00 - 5.00
5C-00032	10043	Am-241	0.0019	0.0071	0.002	0.0454	U	1.00 - 5.00
5C-00032	10043	Ba-133	-0.0227	0.021	0.0065	--	R U	1.00 - 5.00
5C-00032	10043	Ba-137m	-0.0002	0.015	0.0046	--	U	1.00 - 5.00
5C-00032	10043	Bi-212	1.23	0.15	0.086	2.15		1.00 - 5.00
5C-00032	10043	Bi-214	1.26	0.031	0.044	1.59		1.00 - 5.00
5C-00032	10043	C-14	-0.003	0.038	0.011	2.96	U	1.00 - 5.00
5C-00032	10043	Cd-113m	2	41	12	3030	U	1.00 - 5.00
5C-00032	10043	Cf-249	0.063	0.06	0.025	--	R	1.00 - 5.00
5C-00032	10043	Cm-243/244	-0.0009	0.007	0.0011	0.0443	U	1.00 - 5.00
5C-00032	10043	Cm-245/246	0.0057	0.0031	0.0026	0.0401	J	1.00 - 5.00
5C-00032	10043	Cm-247/248	0	0.003	0.0013	0.0306	U J	1.00 - 5.00
5C-00032	10043	Co-60	0.0027	0.019	0.0058	0.028	U	1.00 - 5.00
5C-00032	10043	Cs-134	0.007	0.064	0.02	0.0864	U	1.00 - 5.00
5C-00032	10043	Cs-137	-0.0002	0.016	0.0049	0.207	U	1.00 - 5.00
5C-00032	10043	Eu-152	0.021	0.044	0.011	0.0566	U	1.00 - 5.00
5C-00032	10043	Eu-154	0.0096	0.12	0.0052	0.15	U	1.00 - 5.00
5C-00032	10043	Eu-155	0.098	0.042	0.018	0.231	S K	1.00 - 5.00
5C-00032	10043	H-3	0.109	0.22	0.067	11.9	U	1.00 - 5.00
5C-00032	10043	Ho-166m	0.0041	0.029	0.0063	0.0432	U	1.00 - 5.00
5C-00032	10043	K-40	21.6	0.18	0.66	32.4		1.00 - 5.00
5C-00032	10043	Na-22	0.0048	0.025	0.0075	0.037	U	1.00 - 5.00
5C-00032	10043	Nb-94	0.0077	0.016	0.005	0.0214	U	1.00 - 5.00
5C-00032	10043	Ni-59	0	0.11	0.03	5.96	U	1.00 - 5.00
5C-00032	10043	Ni-63	-0.05	0.43	0.13	4.92	U	1.00 - 5.00
5C-00032	10043	Np-236	0.0007	0.036	0.011	0.047	U	1.00 - 5.00
5C-00032	10043	Np-239	0.008	0.098	0.029	0.139	U	1.00 - 5.00
5C-00032	10043	Pa-231	0.08	0.67	0.2	0.936	U	1.00 - 5.00
5C-00032	10043	Pb-212	1.79	0.031	0.055	2.69		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00032	10043	Pb-214	1.31	0.033	0.055	1.7		1.00 - 5.00
5C-00032	10043	Pu-236	-0.001	0.0076	0.0019	7.79	U	1.00 - 5.00
5C-00032	10043	Pu-238	0.0025	0.0037	0.0014	0.0415		1.00 - 5.00
5C-00032	10043	Pu-239/240	0.001	0.0014	0.0007	0.0404	U	1.00 - 5.00
5C-00032	10043	Pu-244	0.002	0.0014	0.001	0.0313		1.00 - 5.00
5C-00032	10043	Rn-220	1.51	0.03	0.1	--		1.00 - 5.00
5C-00032	10043	Rn-222	1.28	0.031	0.07	--		1.00 - 5.00
5C-00032	10043	Sb-125	0.15	0.049	0.012	0.354	S K	1.00 - 5.00
5C-00032	10043	Sn-126	0.0027	0.019	0.0057	0.0237	U	1.00 - 5.00
5C-00032	10043	Sr-90	0.004	0.046	0.013	0.485	U	1.00 - 5.00
5C-00032	10043	Tc-99	-0.025	0.26	0.079	1.63	U	1.00 - 5.00
5C-00032	10043	Te-125m	0.0346	0.011	0.0027	0.0838	S K	1.00 - 5.00
5C-00032	10043	Th-228	1.59	0.019	0.08	3.98		1.00 - 5.00
5C-00032	10043	Th-229	0.0159	0.015	0.0061	0.145	J	1.00 - 5.00
5C-00032	10043	Th-230	1.19	0.009	0.063	2.2		1.00 - 5.00
5C-00032	10043	Th-232	1.55	0.015	0.078	3.1		1.00 - 5.00
5C-00032	10043	Th-234	0.384	0.27	0.037	3.19	R	1.00 - 5.00
5C-00032	10043	Tl-208	0.605	0.02	0.022	0.937		1.00 - 5.00
5C-00032	10043	Tm-171	0.4	4.8	1.4	72.4	U	1.00 - 5.00
5C-00032	10043	U-233/234	0.987	0.007	0.052	2.02		1.00 - 5.00
5C-00032	10043	U-235/236	0.0492	0.009	0.0082	0.151		1.00 - 5.00
5C-00032	10043	U-238	0.952	0.009	0.05	1.8		1.00 - 5.00
5C-00033	10044	Ac-227	0.053	0.16	0.063	0.217	U	0.00 - 0.50
5C-00033	10044	Ac-228	1.46	0.089	0.05	2.4		0.00 - 0.50
5C-00033	10044	Ag-108	-0.0023	0.0016	0.0005	--	R U	0.00 - 0.50
5C-00033	10044	Ag-108m	-0.0241	0.017	0.0053	--	R U	0.00 - 0.50
5C-00033	10044	Am-241	0.0038	0.0026	0.0019	0.0454		0.00 - 0.50
5C-00033	10044	Ba-133	-0.132	0.027	0.0096	--	R U	0.00 - 0.50
5C-00033	10044	Ba-137m	0.0187	0.012	0.0051	--		0.00 - 0.50
5C-00033	10044	Bi-212	1.25	0.16	0.095	2.15		0.00 - 0.50
5C-00033	10044	Bi-214	1.17	0.028	0.04	1.59		0.00 - 0.50
5C-00033	10044	Cd-113m	11	45	13	3030	U	0.00 - 0.50
5C-00033	10044	Cf-249	0.013	0.057	0.017	--	U R	0.00 - 0.50
5C-00033	10044	Cm-243/244	0	0.0068	0.0014	0.0443	U	0.00 - 0.50
5C-00033	10044	Cm-245/246	0.0027	0.0025	0.0016	0.0401		0.00 - 0.50
5C-00033	10044	Cm-247/248	0.0009	0.0024	0.0009	0.0306	U	0.00 - 0.50
5C-00033	10044	Co-60	-0.0059	0.021	0.0062	0.028	U	0.00 - 0.50
5C-00033	10044	Cs-134	0.0146	0.061	0.0061	0.0864	U	0.00 - 0.50
5C-00033	10044	Cs-137	0.0197	0.013	0.0054	0.207		0.00 - 0.50
5C-00033	10044	Eu-152	-0.011	0.043	0.013	0.0566	U	0.00 - 0.50
5C-00033	10044	Eu-154	-0.024	0.12	0.035	0.15	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00033	10044	Eu-155	0.092	0.036	0.015	0.231	S K	0.00 - 0.50
5C-00033	10044	Ho-166m	0.0214	0.027	0.0077	0.0432	S K	0.00 - 0.50
5C-00033	10044	K-40	19.5	0.16	0.6	32.4		0.00 - 0.50
5C-00033	10044	Na-22	-0.0017	0.019	0.0058	0.037	U	0.00 - 0.50
5C-00033	10044	Nb-94	0.0039	0.016	0.0032	0.0214	U	0.00 - 0.50
5C-00033	10044	Np-236	0.0025	0.033	0.01	0.047	U	0.00 - 0.50
5C-00033	10044	Np-239	0.01	0.094	0.028	0.139	U	0.00 - 0.50
5C-00033	10044	Pa-231	0.09	0.54	0.16	0.936	U	0.00 - 0.50
5C-00033	10044	Pb-212	1.8	0.03	0.074	2.69		0.00 - 0.50
5C-00033	10044	Pb-214	1.29	0.031	0.042	1.7		0.00 - 0.50
5C-00033	10044	Pu-236	0	0.0057	0.0013	7.79	U	0.00 - 0.50
5C-00033	10044	Pu-238	-0.0025	0.0081	0.0017	0.0415	U	0.00 - 0.50
5C-00033	10044	Pu-239/240	0.0006	0.0017	0.0006	0.0404	U	0.00 - 0.50
5C-00033	10044	Pu-244	0.0025	0.0017	0.0012	0.0313		0.00 - 0.50
5C-00033	10044	Rn-220	1.53	0.03	0.12	--		0.00 - 0.50
5C-00033	10044	Rn-222	1.23	0.028	0.058	--		0.00 - 0.50
5C-00033	10044	Sb-125	0.152	0.047	0.013	0.354	S K	0.00 - 0.50
5C-00033	10044	Sn-126	0.0045	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00033	10044	Sr-90	-0.019	0.043	0.012	0.485	U	0.00 - 0.50
5C-00033	10044	Te-125m	0.0352	0.011	0.003	0.0838	S K	0.00 - 0.50
5C-00033	10044	Th-228	1.29	0.025	0.069	3.98		0.00 - 0.50
5C-00033	10044	Th-229	0.0066	0.01	0.0035	0.145		0.00 - 0.50
5C-00033	10044	Th-230	1.19	0.013	0.064	2.2		0.00 - 0.50
5C-00033	10044	Th-232	1.33	0.004	0.07	3.1		0.00 - 0.50
5C-00033	10044	Th-234	1.86	0.16	0.096	3.19	R	0.00 - 0.50
5C-00033	10044	Tl-208	0.588	0.021	0.023	0.937		0.00 - 0.50
5C-00033	10044	Tm-171	-3.2	6.6	2	72.4	U	0.00 - 0.50
5C-00033	10044	U-233/234	1.1	0.009	0.059	2.02		0.00 - 0.50
5C-00033	10044	U-235/236	0.065	0.004	0.01	0.151		0.00 - 0.50
5C-00033	10044	U-238	1.07	0.003	0.058	1.8		0.00 - 0.50
5C-00033	10045	Ac-227	0.111	0.18	0.022	0.217		1.00 - 2.50
5C-00033	10045	Ac-228	1.43	0.097	0.049	2.4		1.00 - 2.50
5C-00033	10045	Ag-108	-0.0019	0.0016	0.0005	--	R U	1.00 - 2.50
5C-00033	10045	Ag-108m	-0.0208	0.017	0.0054	--	R U	1.00 - 2.50
5C-00033	10045	Am-241	0	0.012	0.003	0.0454	U	1.00 - 2.50
5C-00033	10045	Ba-133	-0.163	0.03	0.011	--	R U	1.00 - 2.50
5C-00033	10045	Ba-137m	0.0025	0.013	0.004	--	U	1.00 - 2.50
5C-00033	10045	Bi-212	1.31	0.18	0.11	2.15		1.00 - 2.50
5C-00033	10045	Bi-214	1.72	0.031	0.057	1.59		1.00 - 2.50
5C-00033	10045	Cd-113m	0.7	50	15	3030	U	1.00 - 2.50
5C-00033	10045	Cf-249	0.0063	0.076	0.0047	--	U R	1.00 - 2.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00033	10045	Cm-243/244	0.0029	0.0026	0.0017	0.0443		1.00 - 2.50
5C-00033	10045	Cm-245/246	0	0.0064	0.0013	0.0401	U J	1.00 - 2.50
5C-00033	10045	Cm-247/248	0.0009	0.0023	0.0009	0.0306	U J	1.00 - 2.50
5C-00033	10045	Co-60	0.0006	0.021	0.0063	0.028	U	1.00 - 2.50
5C-00033	10045	Cs-134	0.0201	0.074	0.0056	0.0864	U	1.00 - 2.50
5C-00033	10045	Cs-137	0.0026	0.014	0.0042	0.207	U	1.00 - 2.50
5C-00033	10045	Eu-152	-0.004	0.047	0.014	0.0566	U	1.00 - 2.50
5C-00033	10045	Eu-154	-0.011	0.12	0.035	0.15	U	1.00 - 2.50
5C-00033	10045	Eu-155	0.095	0.039	0.016	0.231	S K	1.00 - 2.50
5C-00033	10045	Ho-166m	0.0081	0.03	0.0094	0.0432	U	1.00 - 2.50
5C-00033	10045	K-40	20.6	0.16	0.63	32.4		1.00 - 2.50
5C-00033	10045	Na-22	0.0002	0.027	0.0081	0.037	U	1.00 - 2.50
5C-00033	10045	Nb-94	0.0191	0.012	0.0057	0.0214	S K	1.00 - 2.50
5C-00033	10045	Np-236	-0.011	0.037	0.011	0.047	U	1.00 - 2.50
5C-00033	10045	Np-239	0.013	0.081	0.024	0.139	U	1.00 - 2.50
5C-00033	10045	Pa-231	0.12	0.72	0.22	0.936	U	1.00 - 2.50
5C-00033	10045	Pb-212	1.84	0.029	0.075	2.69		1.00 - 2.50
5C-00033	10045	Pb-214	1.95	0.031	0.062	1.7		1.00 - 2.50
5C-00033	10045	Pu-236	-0.0004	0.0067	0.0017	7.79	U	1.00 - 2.50
5C-00033	10045	Pu-238	0	0.0033	0.0007	0.0415	U	1.00 - 2.50
5C-00033	10045	Pu-239/240	0.0005	0.0012	0.0005	0.0404	U	1.00 - 2.50
5C-00033	10045	Pu-244	0.0031	0.0012	0.0012	0.0313		1.00 - 2.50
5C-00033	10045	Rn-220	1.57	0.03	0.13	--		1.00 - 2.50
5C-00033	10045	Rn-222	1.84	0.031	0.084	--		1.00 - 2.50
5C-00033	10045	Sb-125	0.182	0.051	0.014	0.354	S K	1.00 - 2.50
5C-00033	10045	Sn-126	0.0043	0.019	0.0058	0.0237	U	1.00 - 2.50
5C-00033	10045	Sr-90	0.016	0.049	0.015	0.485	U	1.00 - 2.50
5C-00033	10045	Te-125m	0.0421	0.012	0.0031	0.0838	S K	1.00 - 2.50
5C-00033	10045	Th-228	1.41	0.02	0.071	3.98		1.00 - 2.50
5C-00033	10045	Th-229	0.005	0.0095	0.0032	0.145		1.00 - 2.50
5C-00033	10045	Th-230	2.24	0.008	0.11	2.2		1.00 - 2.50
5C-00033	10045	Th-232	1.39	0.008	0.07	3.1		1.00 - 2.50
5C-00033	10045	Th-234	2.63	0.18	0.12	3.19	R	1.00 - 2.50
5C-00033	10045	Tl-208	0.544	0.022	0.021	0.937		1.00 - 2.50
5C-00033	10045	Tm-171	-0.2	7.6	2.3	72.4	U	1.00 - 2.50
5C-00033	10045	U-233/234	1.74	0.002	0.083	2.02		1.00 - 2.50
5C-00033	10045	U-235/236	0.084	0.003	0.01	0.151		1.00 - 2.50
5C-00033	10045	U-238	1.61	0.002	0.078	1.8		1.00 - 2.50
5C-00036	10048	Ac-227	0.062	0.14	0.019	0.217	U	0.00 - 0.50
5C-00036	10048	Ac-228	1.26	0.078	0.044	2.4		0.00 - 0.50
5C-00036	10048	Ag-108	-0.0009	0.0013	0.0004	--	L U R	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00036	10048	Ag-108m	-0.0095	0.014	0.0044	--	L U R	0.00 - 0.50
5C-00036	10048	Am-241	0.0039	0.0072	0.0024	0.0454		0.00 - 0.50
5C-00036	10048	Ba-133	-0.0185	0.018	0.0056	--	R U	0.00 - 0.50
5C-00036	10048	Ba-137m	0.004	0.015	0.0045	--	U	0.00 - 0.50
5C-00036	10048	Bi-212	1.14	0.13	0.083	2.15		0.00 - 0.50
5C-00036	10048	Bi-214	0.846	0.027	0.031	1.59		0.00 - 0.50
5C-00036	10048	Cd-113m	4	37	11	3030	U	0.00 - 0.50
5C-00036	10048	Cf-249	0.001	0.048	0.0049	--	U R	0.00 - 0.50
5C-00036	10048	Cm-243/244	0	0.0082	0.002	0.0443	U	0.00 - 0.50
5C-00036	10048	Cm-245/246	-0.0008	0.0058	0.0009	0.0401	U J	0.00 - 0.50
5C-00036	10048	Cm-247/248	0	0.0021	0.0009	0.0306	U	0.00 - 0.50
5C-00036	10048	Co-60	-0.0001	0.019	0.0001	0.028	U	0.00 - 0.50
5C-00036	10048	Cs-134	0.0136	0.05	0.0043	0.0864	U	0.00 - 0.50
5C-00036	10048	Cs-137	0.0043	0.016	0.0047	0.207	U	0.00 - 0.50
5C-00036	10048	Eu-152	-0.01	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00036	10048	Eu-154	0.009	0.093	0.011	0.15	U	0.00 - 0.50
5C-00036	10048	Eu-155	0.07	0.032	0.013	0.231	S K	0.00 - 0.50
5C-00036	10048	Ho-166m	0.009	0.025	0.007	0.0432	U	0.00 - 0.50
5C-00036	10048	K-40	18.5	0.13	0.56	32.4		0.00 - 0.50
5C-00036	10048	Na-22	0.0031	0.023	0.0068	0.037	U	0.00 - 0.50
5C-00036	10048	Nb-94	0.0036	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00036	10048	Np-236	0.0075	0.024	0.0072	0.047	U	0.00 - 0.50
5C-00036	10048	Np-239	0.006	0.084	0.025	0.139	U	0.00 - 0.50
5C-00036	10048	Pa-231	0.17	0.55	0.17	0.936	U	0.00 - 0.50
5C-00036	10048	Pb-212	1.6	0.021	0.065	2.69		0.00 - 0.50
5C-00036	10048	Pb-214	0.932	0.025	0.031	1.7		0.00 - 0.50
5C-00036	10048	Pu-236	0.0032	0.006	0.002	7.79		0.00 - 0.50
5C-00036	10048	Pu-238	0.004	0.006	0.0022	0.0415		0.00 - 0.50
5C-00036	10048	Pu-239/240	0.0017	0.0022	0.0012	0.0404		0.00 - 0.50
5C-00036	10048	Pu-244	0.0025	0.0022	0.0014	0.0313		0.00 - 0.50
5C-00036	10048	Rn-220	1.37	0.02	0.11	--		0.00 - 0.50
5C-00036	10048	Rn-222	0.889	0.025	0.044	--		0.00 - 0.50
5C-00036	10048	Sb-125	0.145	0.04	0.011	0.354	S K	0.00 - 0.50
5C-00036	10048	Sn-126	-0.0022	0.015	0.0046	0.0237	U	0.00 - 0.50
5C-00036	10048	Sr-90	0.056	0.052	0.017	0.485		0.00 - 0.50
5C-00036	10048	Te-125m	0.0335	0.0093	0.0026	0.0838	S K	0.00 - 0.50
5C-00036	10048	Th-228	1.33	0.012	0.065	3.98		0.00 - 0.50
5C-00036	10048	Th-229	0.0172	0.007	0.0044	0.145		0.00 - 0.50
5C-00036	10048	Th-230	0.935	0.002	0.048	2.2		0.00 - 0.50
5C-00036	10048	Th-232	1.26	0.002	0.062	3.1		0.00 - 0.50
5C-00036	10048	Th-234	0.354	0.16	0.049	3.19	R	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00036	10048	Tl-208	0.472	0.018	0.018	0.937		0.00 - 0.50
5C-00036	10048	Tm-171	0.1	6	1.8	72.4	U	0.00 - 0.50
5C-00036	10048	U-233/234	0.841	0.008	0.046	2.02		0.00 - 0.50
5C-00036	10048	U-235/236	0.0581	0.014	0.0097	0.151		0.00 - 0.50
5C-00036	10048	U-238	0.814	0.008	0.045	1.8		0.00 - 0.50
5C-00036	10049	Ac-227	0.037	0.13	0.022	0.217	U	1.00 - 5.00
5C-00036	10049	Ac-228	1.39	0.064	0.045	2.4		1.00 - 5.00
5C-00036	10049	Ag-108	-0.0017	0.0013	0.0004	--	R	1.00 - 5.00
5C-00036	10049	Ag-108m	-0.0179	0.014	0.0043	--	R	1.00 - 5.00
5C-00036	10049	Am-241	0.0073	0.0028	0.0028	0.0454		1.00 - 5.00
5C-00036	10049	Ba-133	-0.0096	0.016	0.0048	--	U	1.00 - 5.00
5C-00036	10049	Ba-137m	0.0013	0.012	0.0036	--	U	1.00 - 5.00
5C-00036	10049	Bi-212	1.01	0.13	0.08	2.15		1.00 - 5.00
5C-00036	10049	Bi-214	0.926	0.025	0.033	1.59		1.00 - 5.00
5C-00036	10049	Cd-113m	3	37	11	3030	U	1.00 - 5.00
5C-00036	10049	Cf-249	-0.012	0.05	0.015	--	U	1.00 - 5.00
5C-00036	10049	Cm-243/244	-0.0021	0.019	0.0049	0.0443	U	1.00 - 5.00
5C-00036	10049	Cm-245/246	0.0038	0.0056	0.002	0.0401		1.00 - 5.00
5C-00036	10049	Cm-247/248	0.003	0.002	0.0015	0.0306		1.00 - 5.00
5C-00036	10049	Co-60	0.0019	0.015	0.0023	0.028	U	1.00 - 5.00
5C-00036	10049	Cs-134	0.0104	0.04	0.0028	0.0864	U	1.00 - 5.00
5C-00036	10049	Cs-137	0.0014	0.013	0.0038	0.207	U	1.00 - 5.00
5C-00036	10049	Eu-152	-0.003	0.034	0.01	0.0566	U	1.00 - 5.00
5C-00036	10049	Eu-154	0.0053	0.084	0.0051	0.15	U	1.00 - 5.00
5C-00036	10049	Eu-155	0.079	0.032	0.013	0.231		1.00 - 5.00
5C-00036	10049	Ho-166m	0.0004	0.022	0.0002	0.0432	U	1.00 - 5.00
5C-00036	10049	K-40	19.1	0.14	0.57	32.4		1.00 - 5.00
5C-00036	10049	Na-22	0.0002	0.016	0.0047	0.037	U	1.00 - 5.00
5C-00036	10049	Nb-94	0.0097	0.0097	0.0045	0.0214		1.00 - 5.00
5C-00036	10049	Np-236	0.0087	0.026	0.008	0.047	U	1.00 - 5.00
5C-00036	10049	Np-239	-0.014	0.08	0.024	0.139	U	1.00 - 5.00
5C-00036	10049	Pa-231	-0.08	0.52	0.16	0.936	U	1.00 - 5.00
5C-00036	10049	Pb-212	1.74	0.026	0.07	2.69		1.00 - 5.00
5C-00036	10049	Pb-214	1.04	0.026	0.034	1.7		1.00 - 5.00
5C-00036	10049	Pu-236	-0.0036	0.01	0.0026	7.79	U	1.00 - 5.00
5C-00036	10049	Pu-236	0.158	0.006	0.015	7.79		1.00 - 5.00
5C-00036	10049	Pu-238	-0.0005	0.0066	0.0016	0.0415	U	1.00 - 5.00
5C-00036	10049	Pu-239/240	0.0006	0.0015	0.0006	0.0404	U	1.00 - 5.00
5C-00036	10049	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00036	10049	Rn-220	1.37	0.03	0.11	--		1.00 - 5.00
5C-00036	10049	Rn-222	0.984	0.025	0.047	--		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00036	10049	Sb-125	0.155	0.033	0.011	0.354		1.00 - 5.00
5C-00036	10049	Sn-126	0.0034	0.014	0.0042	0.0237	U	1.00 - 5.00
5C-00036	10049	Sr-90	-0.031	0.067	0.019	0.485	U	1.00 - 5.00
5C-00036	10049	Te-125m	0.0359	0.0077	0.0025	0.0838		1.00 - 5.00
5C-00036	10049	Th-228	1.39	0.014	0.074	3.98	K	1.00 - 5.00
5C-00036	10049	Th-229	0.0029	0.0072	0.0022	0.145		1.00 - 5.00
5C-00036	10049	Th-230	1.02	0.011	0.058	2.2	K	1.00 - 5.00
5C-00036	10049	Th-232	1.4	0.004	0.074	3.1	K	1.00 - 5.00
5C-00036	10049	Th-234	0.451	0.16	0.052	3.19	R	1.00 - 5.00
5C-00036	10049	Tl-208	0.524	0.015	0.018	0.937		1.00 - 5.00
5C-00036	10049	Tm-171	-0.09	6.1	1.8	72.4	U	1.00 - 5.00
5C-00036	10049	U-233/234	0.924	0.016	0.054	2.02	K	1.00 - 5.00
5C-00036	10049	U-235/236	0.0446	0.005	0.0093	0.151	K	1.00 - 5.00
5C-00036	10049	U-238	0.855	0.011	0.051	1.8	K	1.00 - 5.00
5C-00037	10050	Ac-227	0.011	0.15	0.013	0.217	U	1.00 - 4.50
5C-00037	10050	Ac-228	1.47	0.086	0.05	2.4		1.00 - 4.50
5C-00037	10050	Ag-108	-0.0014	0.0016	0.0005	--	UL	1.00 - 4.50
5C-00037	10050	Ag-108m	-0.0147	0.017	0.0052	--	UL	1.00 - 4.50
5C-00037	10050	Am-241	0.0012	0.013	0.0034	0.0454	U	1.00 - 4.50
5C-00037	10050	Ba-133	-0.105	0.026	0.0089	--	R	1.00 - 4.50
5C-00037	10050	Ba-137m	0.0036	0.017	0.0051	--	U	1.00 - 4.50
5C-00037	10050	Bi-212	1.13	0.16	0.1	2.15		1.00 - 4.50
5C-00037	10050	Bi-214	1.06	0.03	0.038	1.59		1.00 - 4.50
5C-00037	10050	Cd-113m	-1.1	33	9.8	3030	U	1.00 - 4.50
5C-00037	10050	Cf-249	0.025	0.067	0.02	--	U	1.00 - 4.50
5C-00037	10050	Cm-243/244	-0.0085	0.021	0.0048	0.0443	U	1.00 - 4.50
5C-00037	10050	Cm-245/246	0.0035	0.0065	0.0022	0.0401		1.00 - 4.50
5C-00037	10050	Cm-247/248	0.0007	0.0063	0.0016	0.0306	U	1.00 - 4.50
5C-00037	10050	Co-60	-0.0026	0.021	0.0064	0.028	U	1.00 - 4.50
5C-00037	10050	Cs-134	0.0032	0.055	0.0014	0.0864	U	1.00 - 4.50
5C-00037	10050	Cs-137	0.0038	0.018	0.0054	0.207	U	1.00 - 4.50
5C-00037	10050	Eu-152	0.0169	0.026	0.0079	0.0566		1.00 - 4.50
5C-00037	10050	Eu-154	0.014	0.11	0.012	0.15	U	1.00 - 4.50
5C-00037	10050	Eu-155	0.104	0.035	0.015	0.231		1.00 - 4.50
5C-00037	10050	Ho-166m	0.0405	0.027	0.0059	0.0432		1.00 - 4.50
5C-00037	10050	K-40	20.4	0.14	0.62	32.4		1.00 - 4.50
5C-00037	10050	Na-22	-0.0113	0.024	0.0074	0.037	U	1.00 - 4.50
5C-00037	10050	Nb-94	0.0064	0.016	0.0047	0.0214	U	1.00 - 4.50
5C-00037	10050	Np-236	-0.009	0.034	0.01	0.047	U	1.00 - 4.50
5C-00037	10050	Np-239	0.02	0.093	0.028	0.139	U	1.00 - 4.50
5C-00037	10050	Pa-231	0.11	0.64	0.14	0.936	U	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00037	10050	Pb-212	1.77	0.024	0.072	2.69		1.00 - 4.50
5C-00037	10050	Pb-214	1.18	0.029	0.04	1.7		1.00 - 4.50
5C-00037	10050	Pu-236	0.164	0.005	0.014	7.79		1.00 - 4.50
5C-00037	10050	Pu-236	-0.001	0.0044	0.0008	7.79	U	1.00 - 4.50
5C-00037	10050	Pu-238	0.0026	0.0049	0.0016	0.0415		1.00 - 4.50
5C-00037	10050	Pu-239/240	0.0005	0.0039	0.001	0.0404	U	1.00 - 4.50
5C-00037	10050	Pu-244	0.0005	0.0014	0.0005	0.0313	U	1.00 - 4.50
5C-00037	10050	Rn-220	1.45	0.02	0.12	--		1.00 - 4.50
5C-00037	10050	Rn-222	1.12	0.029	0.055	--		1.00 - 4.50
5C-00037	10050	Sb-125	0.164	0.037	0.012	0.354		1.00 - 4.50
5C-00037	10050	Sn-126	0.0007	0.018	0.0053	0.0237	U	1.00 - 4.50
5C-00037	10050	Sr-90	0.019	0.059	0.018	0.485	U	1.00 - 4.50
5C-00037	10050	Te-125m	0.0379	0.0086	0.0029	0.0838		1.00 - 4.50
5C-00037	10050	Th-228	1.56	0.017	0.079	3.98		1.00 - 4.50
5C-00037	10050	Th-229	0.0127	0.0049	0.0031	0.145		1.00 - 4.50
5C-00037	10050	Th-230	1.16	0.003	0.062	2.2		1.00 - 4.50
5C-00037	10050	Th-232	1.48	0.003	0.076	3.1		1.00 - 4.50
5C-00037	10050	Th-234	0.409	0.18	0.056	3.19	R	1.00 - 4.50
5C-00037	10050	Tl-208	0.545	0.019	0.02	0.937		1.00 - 4.50
5C-00037	10050	Tm-171	-1	6.2	1.9	72.4	U	1.00 - 4.50
5C-00037	10050	U-233/234	1.04	0.008	0.052	2.02		1.00 - 4.50
5C-00037	10050	U-235/236	0.0462	0.0028	0.0072	0.151		1.00 - 4.50
5C-00037	10050	U-238	1	0.002	0.051	1.8		1.00 - 4.50
5C-00038	10051	Ac-227	0.038	0.13	0.039	0.217	U	0.00 - 0.50
5C-00038	10051	Ac-228	1.27	0.066	0.045	2.4		0.00 - 0.50
5C-00038	10051	Ag-108	-0.0017	0.0012	0.0004	--	R U	0.00 - 0.50
5C-00038	10051	Ag-108m	-0.018	0.013	0.0041	--	R U	0.00 - 0.50
5C-00038	10051	Am-241	0	0.0073	0.0017	0.0454	U	0.00 - 0.50
5C-00038	10051	Ba-133	-0.0207	0.018	0.0055	--	R U	0.00 - 0.50
5C-00038	10051	Ba-137m	0.0163	0.013	0.0042	--		0.00 - 0.50
5C-00038	10051	Bi-212	1.08	0.12	0.08	2.15		0.00 - 0.50
5C-00038	10051	Bi-214	0.865	0.023	0.033	1.59		0.00 - 0.50
5C-00038	10051	Cd-113m	3	37	11	3030	U	0.00 - 0.50
5C-00038	10051	Cf-249	0.054	0.045	0.019	--	R	0.00 - 0.50
5C-00038	10051	Cm-243/244	-0.0015	0.0072	0.0012	0.0443	U	0.00 - 0.50
5C-00038	10051	Cm-245/246	0.001	0.0027	0.001	0.0401	U J	0.00 - 0.50
5C-00038	10051	Cm-247/248	0.001	0.0026	0.001	0.0306	U J	0.00 - 0.50
5C-00038	10051	Co-60	0.0039	0.012	0.0037	0.028	U	0.00 - 0.50
5C-00038	10051	Cs-134	0.0097	0.041	0.0032	0.0864	U	0.00 - 0.50
5C-00038	10051	Cs-137	0.0172	0.014	0.0044	0.207		0.00 - 0.50
5C-00038	10051	Eu-152	0.0088	0.035	0.0058	0.0566	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00038	10051	Eu-154	0.016	0.083	0.012	0.15	U	0.00 - 0.50
5C-00038	10051	Eu-155	0.019	0.033	0.01	0.231	S K	0.00 - 0.50
5C-00038	10051	Ho-166m	0.0066	0.017	0.0064	0.0432	U	0.00 - 0.50
5C-00038	10051	K-40	21.4	0.16	0.71	32.4		0.00 - 0.50
5C-00038	10051	Na-22	0.0021	0.02	0.0058	0.037	U	0.00 - 0.50
5C-00038	10051	Nb-94	0.0115	0.01	0.0049	0.0214	S K	0.00 - 0.50
5C-00038	10051	Np-236	-0.0064	0.028	0.0086	0.047	U	0.00 - 0.50
5C-00038	10051	Np-239	-0.019	0.079	0.024	0.139	U	0.00 - 0.50
5C-00038	10051	Pa-231	0.05	0.49	0.15	0.936	U	0.00 - 0.50
5C-00038	10051	Pb-212	1.71	0.023	0.09	2.69		0.00 - 0.50
5C-00038	10051	Pb-214	0.942	0.023	0.036	1.7		0.00 - 0.50
5C-00038	10051	Pu-236	-0.0029	0.0093	0.0021	7.79	U	0.00 - 0.50
5C-00038	10051	Pu-238	-0.0017	0.007	0.0014	0.0415	U	0.00 - 0.50
5C-00038	10051	Pu-239/240	0	0.0054	0.0012	0.0404	U	0.00 - 0.50
5C-00038	10051	Pu-244	0.0041	0.0043	0.0018	0.0313		0.00 - 0.50
5C-00038	10051	Rn-220	1.39	0.02	0.12	--		0.00 - 0.50
5C-00038	10051	Rn-222	0.903	0.023	0.049	--		0.00 - 0.50
5C-00038	10051	Sb-125	0.147	0.037	0.011	0.354	S K	0.00 - 0.50
5C-00038	10051	Sn-126	0.005	0.013	0.0038	0.0237	U	0.00 - 0.50
5C-00038	10051	Sr-90	-0.005	0.038	0.011	0.485	U	0.00 - 0.50
5C-00038	10051	Te-125m	0.034	0.0086	0.0025	0.0838	S K	0.00 - 0.50
5C-00038	10051	Th-228	1.25	0.023	0.068	3.98		0.00 - 0.50
5C-00038	10051	Th-229	0.0082	0.0061	0.0029	0.145		0.00 - 0.50
5C-00038	10051	Th-230	0.849	0.013	0.05	2.2		0.00 - 0.50
5C-00038	10051	Th-232	1.18	0.011	0.065	3.1		0.00 - 0.50
5C-00038	10051	Th-234	0.37	0.15	0.048	3.19	R	0.00 - 0.50
5C-00038	10051	Tl-208	0.53	0.016	0.021	0.937		0.00 - 0.50
5C-00038	10051	Tm-171	-0.2	6.5	1.9	72.4	U	0.00 - 0.50
5C-00038	10051	U-233/234	0.821	0.011	0.047	2.02		0.00 - 0.50
5C-00038	10051	U-235/236	0.0333	0.0041	0.0072	0.151		0.00 - 0.50
5C-00038	10051	U-238	0.825	0.003	0.047	1.8		0.00 - 0.50
5C-00038	10052	Ac-227	0.018	0.12	0.036	0.217	U	1.00 - 5.00
5C-00038	10052	Ac-228	1.18	0.068	0.041	2.4		1.00 - 5.00
5C-00038	10052	Ag-108	-0.0045	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00038	10052	Ag-108m	-0.0482	0.015	0.005	--	R U	1.00 - 5.00
5C-00038	10052	Am-241	0.0045	0.0083	0.0028	0.0454		1.00 - 5.00
5C-00038	10052	Ba-133	-0.0899	0.02	0.0071	--	R U	1.00 - 5.00
5C-00038	10052	Ba-137m	0.0094	0.0089	0.0038	--		1.00 - 5.00
5C-00038	10052	Bi-212	0.972	0.096	0.06	2.15		1.00 - 5.00
5C-00038	10052	Bi-214	0.785	0.023	0.031	1.59		1.00 - 5.00
5C-00038	10052	Cd-113m	-11	35	11	3030	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00038	10052	Cf-249	-0.031	0.053	0.016	--	U R	1.00 - 5.00
5C-00038	10052	Cm-243/244	0.007	0.0095	0.0034	0.0443		1.00 - 5.00
5C-00038	10052	Cm-245/246	0.004	0.0074	0.0025	0.0401	J	1.00 - 5.00
5C-00038	10052	Cm-247/248	0.001	0.0027	0.001	0.0306	U	1.00 - 5.00
5C-00038	10052	Co-60	-0.0012	0.016	0.0047	0.028	U	1.00 - 5.00
5C-00038	10052	Cs-134	0.009	0.043	0.013	0.0864	U	1.00 - 5.00
5C-00038	10052	Cs-137	0.0099	0.0094	0.004	0.207		1.00 - 5.00
5C-00038	10052	Eu-152	0.021	0.022	0.013	0.0566		1.00 - 5.00
5C-00038	10052	Eu-154	-0.037	0.089	0.027	0.15	U	1.00 - 5.00
5C-00038	10052	Eu-155	0.07	0.032	0.014	0.231	S K	1.00 - 5.00
5C-00038	10052	Ho-166m	0.0312	0.018	0.0041	0.0432	S K	1.00 - 5.00
5C-00038	10052	K-40	22.5	0.14	0.75	32.4		1.00 - 5.00
5C-00038	10052	Na-22	0.0046	0.019	0.0056	0.037	U	1.00 - 5.00
5C-00038	10052	Nb-94	0.0031	0.011	0.0025	0.0214	U	1.00 - 5.00
5C-00038	10052	Np-236	-0.0077	0.027	0.0083	0.047	U	1.00 - 5.00
5C-00038	10052	Np-239	0.012	0.077	0.023	0.139	U	1.00 - 5.00
5C-00038	10052	Pa-231	0.1	0.52	0.16	0.936	U	1.00 - 5.00
5C-00038	10052	Pb-212	1.54	0.021	0.081	2.69		1.00 - 5.00
5C-00038	10052	Pb-214	0.894	0.022	0.034	1.7		1.00 - 5.00
5C-00038	10052	Pu-236	0.0004	0.0012	0.0004	7.79	U	1.00 - 5.00
5C-00038	10052	Pu-238	0.0009	0.0031	0.0009	0.0415	U	1.00 - 5.00
5C-00038	10052	Pu-239/240	0.0009	0.0012	0.0006	0.0404	U	1.00 - 5.00
5C-00038	10052	Pu-244	0.0004	0.0012	0.0004	0.0313	U	1.00 - 5.00
5C-00038	10052	Rn-220	1.26	0.02	0.1	--		1.00 - 5.00
5C-00038	10052	Rn-222	0.839	0.022	0.046	--		1.00 - 5.00
5C-00038	10052	Sb-125	0.102	0.035	0.0073	0.354	S K	1.00 - 5.00
5C-00038	10052	Sn-126	0.0019	0.013	0.0039	0.0237	U	1.00 - 5.00
5C-00038	10052	Sr-90	0.035	0.052	0.016	0.485		1.00 - 5.00
5C-00038	10052	Te-125m	0.0237	0.0082	0.0017	0.0838	S K	1.00 - 5.00
5C-00038	10052	Th-228	1.3	0.025	0.07	3.98		1.00 - 5.00
5C-00038	10052	Th-229	0.0078	0.0026	0.0028	0.145		1.00 - 5.00
5C-00038	10052	Th-230	0.945	0.004	0.055	2.2		1.00 - 5.00
5C-00038	10052	Th-232	1.24	0.011	0.067	3.1		1.00 - 5.00
5C-00038	10052	Th-234	1.43	0.13	0.083	3.19	R	1.00 - 5.00
5C-00038	10052	Tl-208	0.445	0.014	0.017	0.937		1.00 - 5.00
5C-00038	10052	Tm-171	-3.1	4.8	1.5	72.4	L U	1.00 - 5.00
5C-00038	10052	U-233/234	0.714	0.002	0.039	2.02		1.00 - 5.00
5C-00038	10052	U-235/236	0.0289	0.003	0.0058	0.151		1.00 - 5.00
5C-00038	10052	U-238	0.668	0.002	0.037	1.8		1.00 - 5.00
5C-00039	10053	Ac-227	0.057	0.14	0.043	0.217	U	0.00 - 0.50
5C-00039	10053	Ac-228	1.24	0.084	0.045	2.4		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00039	10053	Ag-108	-0.0015	0.0013	0.0004	--	R U	0.00 - 0.50
5C-00039	10053	Ag-108m	-0.0156	0.014	0.0045	--	R U	0.00 - 0.50
5C-00039	10053	Am-241	0.0024	0.0085	0.0025	0.0454	U	0.00 - 0.50
5C-00039	10053	Ba-133	-0.11	0.025	0.0091	--	R U	0.00 - 0.50
5C-00039	10053	Ba-137m	0.0041	0.015	0.0044	--	U	0.00 - 0.50
5C-00039	10053	Bi-212	1.06	0.14	0.089	2.15		0.00 - 0.50
5C-00039	10053	Bi-214	0.82	0.025	0.03	1.59		0.00 - 0.50
5C-00039	10053	Cd-113m	0.9	40	12	3030	U	0.00 - 0.50
5C-00039	10053	Cf-249	-0.12	0.067	0.022	--	R U	0.00 - 0.50
5C-00039	10053	Cm-243/244	0.0031	0.0057	0.0019	0.0443		0.00 - 0.50
5C-00039	10053	Cm-245/246	0.005	0.0027	0.0023	0.0401	J	0.00 - 0.50
5C-00039	10053	Cm-247/248	0.002	0.0027	0.0014	0.0306	U	0.00 - 0.50
5C-00039	10053	Co-60	0.0009	0.015	0.0012	0.028	U	0.00 - 0.50
5C-00039	10053	Cs-134	0.002	0.054	0.016	0.0864	U	0.00 - 0.50
5C-00039	10053	Cs-137	0.0043	0.016	0.0047	0.207	U	0.00 - 0.50
5C-00039	10053	Eu-152	-0.0021	0.038	0.0044	0.0566	U	0.00 - 0.50
5C-00039	10053	Eu-154	-0.028	0.095	0.028	0.15	U	0.00 - 0.50
5C-00039	10053	Eu-155	0.08	0.047	0.021	0.231	S K	0.00 - 0.50
5C-00039	10053	Ho-166m	0.0028	0.022	0.0058	0.0432	U	0.00 - 0.50
5C-00039	10053	K-40	17.7	0.11	0.53	32.4		0.00 - 0.50
5C-00039	10053	Na-22	0.0098	0.02	0.006	0.037		0.00 - 0.50
5C-00039	10053	Nb-94	0.002	0.0094	0.0028	0.0214	U	0.00 - 0.50
5C-00039	10053	Np-236	-0.01	0.034	0.01	0.047	U	0.00 - 0.50
5C-00039	10053	Np-239	0.091	0.077	0.034	0.139		0.00 - 0.50
5C-00039	10053	Pa-231	-0.05	0.6	0.18	0.936	U	0.00 - 0.50
5C-00039	10053	Pb-212	1.28	0.033	0.041	2.69		0.00 - 0.50
5C-00039	10053	Pb-214	0.872	0.027	0.038	1.7		0.00 - 0.50
5C-00039	10053	Pu-236	-0.001	0.0059	0.0008	7.79	U	0.00 - 0.50
5C-00039	10053	Pu-238	0.0011	0.0048	0.0013	0.0415	U	0.00 - 0.50
5C-00039	10053	Pu-239/240	0.0011	0.0048	0.0013	0.0404	U	0.00 - 0.50
5C-00039	10053	Pu-244	0.0016	0.0022	0.0011	0.0313		0.00 - 0.50
5C-00039	10053	Rn-220	1.17	0.033	0.098	--		0.00 - 0.50
5C-00039	10053	Rn-222	0.846	0.025	0.048	--		0.00 - 0.50
5C-00039	10053	Sb-125	0.149	0.039	0.012	0.354	S K	0.00 - 0.50
5C-00039	10053	Sn-126	0.0011	0.015	0.0044	0.0237	U	0.00 - 0.50
5C-00039	10053	Sr-90	0.043	0.054	0.017	0.485		0.00 - 0.50
5C-00039	10053	Te-125m	0.0344	0.009	0.0027	0.0838	S K	0.00 - 0.50
5C-00039	10053	Th-228	1.27	0.015	0.063	3.98		0.00 - 0.50
5C-00039	10053	Th-229	0.0074	0.01	0.0036	0.145		0.00 - 0.50
5C-00039	10053	Th-230	0.894	0.002	0.046	2.2		0.00 - 0.50
5C-00039	10053	Th-232	1.22	0.002	0.06	3.1		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00039	10053	Th-234	1.25	0.2	0.075	3.19	R	0.00 - 0.50
5C-00039	10053	Tl-208	0.476	0.018	0.019	0.937		0.00 - 0.50
5C-00039	10053	Tm-171	-9.6	8.7	2.7	72.4	R U	0.00 - 0.50
5C-00039	10053	U-233/234	0.882	0.003	0.05	2.02		0.00 - 0.50
5C-00039	10053	U-235/236	0.062	0.004	0.01	0.151		0.00 - 0.50
5C-00039	10053	U-238	0.925	0.003	0.052	1.8		0.00 - 0.50
5C-00039	10054	Ac-227	0.029	0.15	0.014	0.217	U	1.00 - 5.00
5C-00039	10054	Ac-228	1.22	0.088	0.048	2.4		1.00 - 5.00
5C-00039	10054	Ag-108	-0.0027	0.0017	0.0005	--	R	1.00 - 5.00
5C-00039	10054	Ag-108m	-0.0294	0.018	0.0058	--	R	1.00 - 5.00
5C-00039	10054	Am-241	0.0049	0.0072	0.0026	0.0454		1.00 - 5.00
5C-00039	10054	Ba-133	-0.0113	0.02	0.006	--	U	1.00 - 5.00
5C-00039	10054	Ba-137m	0.008	0.018	0.0053	--	U	1.00 - 5.00
5C-00039	10054	Bi-212	1.02	0.14	0.084	2.15		1.00 - 5.00
5C-00039	10054	Bi-214	0.919	0.031	0.035	1.59		1.00 - 5.00
5C-00039	10054	Cd-113m	5	44	13	3030	U	1.00 - 5.00
5C-00039	10054	Cf-249	-0.028	0.074	0.022	--	U	1.00 - 5.00
5C-00039	10054	Cm-243/244	-0.001	0.015	0.0039	0.0443	U	1.00 - 5.00
5C-00039	10054	Cm-245/246	0.0032	0.0017	0.0014	0.0401		1.00 - 5.00
5C-00039	10054	Cm-247/248	0.0019	0.0017	0.0011	0.0306		1.00 - 5.00
5C-00039	10054	Co-60	-0.0011	0.021	0.0061	0.028	U	1.00 - 5.00
5C-00039	10054	Cs-134	0.0224	0.054	0.0063	0.0864	U	1.00 - 5.00
5C-00039	10054	Cs-137	0.0085	0.019	0.0056	0.207	U	1.00 - 5.00
5C-00039	10054	Eu-152	-0.009	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00039	10054	Eu-154	-0.032	0.11	0.034	0.15	U	1.00 - 5.00
5C-00039	10054	Eu-155	0.091	0.039	0.016	0.231		1.00 - 5.00
5C-00039	10054	Ho-166m	0.0025	0.027	0.0026	0.0432	U	1.00 - 5.00
5C-00039	10054	K-40	19.5	0.19	0.6	32.4		1.00 - 5.00
5C-00039	10054	Na-22	-0.0029	0.026	0.0076	0.037	U	1.00 - 5.00
5C-00039	10054	Nb-94	0.0031	0.016	0.0048	0.0214	U	1.00 - 5.00
5C-00039	10054	Np-236	0.0015	0.033	0.0099	0.047	U	1.00 - 5.00
5C-00039	10054	Np-239	0.018	0.092	0.028	0.139	U	1.00 - 5.00
5C-00039	10054	Pa-231	-0.19	0.66	0.2	0.936	U	1.00 - 5.00
5C-00039	10054	Pb-212	1.51	0.024	0.046	2.69		1.00 - 5.00
5C-00039	10054	Pb-214	0.975	0.03	0.042	1.7		1.00 - 5.00
5C-00039	10054	Pu-236	0.17	0.006	0.015	7.79		1.00 - 5.00
5C-00039	10054	Pu-236	-0.0006	0.0041	0.0006	7.79	U	1.00 - 5.00
5C-00039	10054	Pu-238	0	0.0049	0.0011	0.0415	U	1.00 - 5.00
5C-00039	10054	Pu-239/240	-0.0005	0.0039	0.0006	0.0404	U	1.00 - 5.00
5C-00039	10054	Pu-244	0	0.0014	0.0006	0.0313	U	1.00 - 5.00
5C-00039	10054	Rn-220	1.27	0.024	0.096	--		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00039	10054	Rn-222	0.947	0.03	0.054	--		1.00 - 5.00
5C-00039	10054	Sb-125	0.0488	0.025	0.0083	0.354		1.00 - 5.00
5C-00039	10054	Sn-126	0.0003	0.018	0.0053	0.0237	U	1.00 - 5.00
5C-00039	10054	Sr-90	-0.017	0.069	0.019	0.485	U	1.00 - 5.00
5C-00039	10054	Te-125m	0.0113	0.0057	0.0019	0.0838		1.00 - 5.00
5C-00039	10054	Th-228	1.3	0.02	0.065	3.98		1.00 - 5.00
5C-00039	10054	Th-229	0.008	0.0066	0.0027	0.145		1.00 - 5.00
5C-00039	10054	Th-230	0.937	0.007	0.049	2.2		1.00 - 5.00
5C-00039	10054	Th-232	1.34	0.007	0.067	3.1		1.00 - 5.00
5C-00039	10054	Th-234	0.381	0.19	0.059	3.19	R	1.00 - 5.00
5C-00039	10054	Tl-208	0.477	0.02	0.019	0.937		1.00 - 5.00
5C-00039	10054	Tm-171	-3.1	6.1	1.9	72.4	U	1.00 - 5.00
5C-00039	10054	U-233/234	0.851	0.008	0.047	2.02		1.00 - 5.00
5C-00039	10054	U-235/236	0.052	0.0038	0.0088	0.151		1.00 - 5.00
5C-00039	10054	U-238	0.958	0.003	0.052	1.8		1.00 - 5.00
5C-00040	10055	Ac-227	0.01	0.16	0.036	0.217	U	1.00 - 5.00
5C-00040	10055	Ac-228	1.24	0.085	0.046	2.4		1.00 - 5.00
5C-00040	10055	Ag-108	-0.002	0.0016	0.0005	--	R	1.00 - 5.00
5C-00040	10055	Ag-108m	-0.0215	0.017	0.0053	--	R	1.00 - 5.00
5C-00040	10055	Am-241	0	0.008	0.0018	0.0454	U	1.00 - 5.00
5C-00040	10055	Ba-133	-0.132	0.03	0.011	--	R	1.00 - 5.00
5C-00040	10055	Ba-137m	-0.0088	0.017	0.0053	--	U	1.00 - 5.00
5C-00040	10055	Bi-212	1.01	0.13	0.082	2.15		1.00 - 5.00
5C-00040	10055	Bi-214	0.919	0.029	0.034	1.59		1.00 - 5.00
5C-00040	10055	Cd-113m	-2	47	14	3030	U	1.00 - 5.00
5C-00040	10055	Cf-249	0.065	0.057	0.024	--		1.00 - 5.00
5C-00040	10055	Cm-243/244	-0.0051	0.015	0.0034	0.0443	U	1.00 - 5.00
5C-00040	10055	Cm-245/246	0.0039	0.0048	0.0019	0.0401		1.00 - 5.00
5C-00040	10055	Cm-247/248	0.0013	0.0068	0.0019	0.0306	U	1.00 - 5.00
5C-00040	10055	Co-60	-0.0102	0.021	0.0063	0.028	U	1.00 - 5.00
5C-00040	10055	Cs-134	0.0139	0.064	0.0041	0.0864	U	1.00 - 5.00
5C-00040	10055	Cs-137	-0.0093	0.018	0.0056	0.207	U	1.00 - 5.00
5C-00040	10055	Eu-152	0.0011	0.041	0.0011	0.0566	U	1.00 - 5.00
5C-00040	10055	Eu-154	0.011	0.1	0.011	0.15	U	1.00 - 5.00
5C-00040	10055	Eu-155	0.103	0.047	0.019	0.231		1.00 - 5.00
5C-00040	10055	Ho-166m	-0.0004	0.027	0.0006	0.0432	U	1.00 - 5.00
5C-00040	10055	K-40	20.3	0.14	0.62	32.4		1.00 - 5.00
5C-00040	10055	Na-22	0.0031	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00040	10055	Nb-94	0.0052	0.016	0.0033	0.0214	U	1.00 - 5.00
5C-00040	10055	Np-236	-0.001	0.038	0.011	0.047	U	1.00 - 5.00
5C-00040	10055	Np-239	-0.002	0.1	0.03	0.139	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00040	10055	Pa-231	0.14	0.62	0.16	0.936	U	1.00 - 5.00
5C-00040	10055	Pb-212	1.29	0.035	0.042	2.69		1.00 - 5.00
5C-00040	10055	Pb-214	1.01	0.025	0.043	1.7		1.00 - 5.00
5C-00040	10055	Pu-236	-0.0033	0.0095	0.0023	7.79	U	1.00 - 5.00
5C-00040	10055	Pu-236	0.158	0.002	0.015	7.79		1.00 - 5.00
5C-00040	10055	Pu-238	0.0034	0.0042	0.0017	0.0415		1.00 - 5.00
5C-00040	10055	Pu-239/240	0.0006	0.0016	0.0006	0.0404	U	1.00 - 5.00
5C-00040	10055	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00040	10055	Rn-220	1.15	0.035	0.093	--		1.00 - 5.00
5C-00040	10055	Rn-222	0.963	0.025	0.055	--		1.00 - 5.00
5C-00040	10055	Sb-125	0.157	0.047	0.013	0.354		1.00 - 5.00
5C-00040	10055	Sn-126	0.002	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00040	10055	Sr-90	-0.018	0.078	0.022	0.485	U	1.00 - 5.00
5C-00040	10055	Te-125m	0.0364	0.011	0.0029	0.0838		1.00 - 5.00
5C-00040	10055	Th-228	1.16	0.028	0.066	3.98	K	1.00 - 5.00
5C-00040	10055	Th-229	0.0061	0.0052	0.0022	0.145		1.00 - 5.00
5C-00040	10055	Th-230	0.785	0.012	0.049	2.2	K	1.00 - 5.00
5C-00040	10055	Th-232	1.1	0.015	0.063	3.1	K	1.00 - 5.00
5C-00040	10055	Th-234	1.44	0.23	0.086	3.19	R	1.00 - 5.00
5C-00040	10055	Tl-208	0.466	0.02	0.019	0.937		1.00 - 5.00
5C-00040	10055	Tm-171	-9.9	10	3.1	72.4	R	1.00 - 5.00
5C-00040	10055	U-233/234	0.71	0.011	0.04	2.02		1.00 - 5.00
5C-00040	10055	U-235/236	0.041	0.0091	0.0076	0.151		1.00 - 5.00
5C-00040	10055	U-238	0.754	0.003	0.042	1.8		1.00 - 5.00
5C-00041	10056	Ac-227	0.007	0.13	0.054	0.217	U	0.00 - 0.50
5C-00041	10056	Ac-228	0.928	0.085	0.035	2.4		0.00 - 0.50
5C-00041	10056	Ag-108	0	0.0012	0.0004	--	U R	0.00 - 0.50
5C-00041	10056	Ag-108m	0.0001	0.013	0.004	--	U R	0.00 - 0.50
5C-00041	10056	Am-241	0.0009	0.0098	0.0025	0.0454	U	0.00 - 0.50
5C-00041	10056	Ba-133	-0.0094	0.016	0.0048	--	U R	0.00 - 0.50
5C-00041	10056	Ba-137m	-0.0004	0.015	0.0063	--	U	0.00 - 0.50
5C-00041	10056	Bi-212	0.755	0.13	0.073	2.15		0.00 - 0.50
5C-00041	10056	Bi-214	0.69	0.026	0.027	1.59		0.00 - 0.50
5C-00041	10056	Cd-113m	9	37	11	3030	U	0.00 - 0.50
5C-00041	10056	Cf-249	0.0006	0.059	0.003	--	U R	0.00 - 0.50
5C-00041	10056	Cm-243/244	0	0.0066	0.0013	0.0443	U	0.00 - 0.50
5C-00041	10056	Cm-245/246	0.0024	0.0022	0.0014	0.0401	J	0.00 - 0.50
5C-00041	10056	Cm-247/248	0.0008	0.0058	0.0014	0.0306	U J	0.00 - 0.50
5C-00041	10056	Co-60	0.0044	0.019	0.0043	0.028	U	0.00 - 0.50
5C-00041	10056	Cs-134	-0.0132	0.017	0.0051	0.0864	L U	0.00 - 0.50
5C-00041	10056	Cs-137	-0.0004	0.016	0.0066	0.207	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00041	10056	Eu-152	0.0076	0.036	0.0089	0.0566	U	0.00 - 0.50
5C-00041	10056	Eu-154	0.0021	0.1	0.002	0.15	U	0.00 - 0.50
5C-00041	10056	Eu-155	0.059	0.03	0.011	0.231	S K	0.00 - 0.50
5C-00041	10056	Ho-166m	0.0122	0.022	0.0061	0.0432	S K	0.00 - 0.50
5C-00041	10056	K-40	22.6	0.12	0.68	32.4		0.00 - 0.50
5C-00041	10056	Na-22	-0.0042	0.026	0.0078	0.037	U	0.00 - 0.50
5C-00041	10056	Nb-94	0	0.013	0.0032	0.0214	U	0.00 - 0.50
5C-00041	10056	Np-236	-0.0048	0.026	0.0078	0.047	U	0.00 - 0.50
5C-00041	10056	Np-239	0.011	0.08	0.024	0.139	U	0.00 - 0.50
5C-00041	10056	Pa-231	0.041	0.51	0.071	0.936	U	0.00 - 0.50
5C-00041	10056	Pb-212	1.22	0.022	0.05	2.69		0.00 - 0.50
5C-00041	10056	Pb-214	0.74	0.027	0.026	1.7		0.00 - 0.50
5C-00041	10056	Pu-236	-0.0023	0.0086	0.002	7.79	U	0.00 - 0.50
5C-00041	10056	Pu-238	-0.0011	0.0075	0.0017	0.0415	U	0.00 - 0.50
5C-00041	10056	Pu-239/240	0.0011	0.0042	0.0012	0.0404	U	0.00 - 0.50
5C-00041	10056	Pu-244	0.0006	0.0042	0.001	0.0313	U	0.00 - 0.50
5C-00041	10056	Rn-220	0.988	0.022	0.089	--		0.00 - 0.50
5C-00041	10056	Rn-222	0.715	0.026	0.037	--		0.00 - 0.50
5C-00041	10056	Sb-125	0.103	0.04	0.0097	0.354	S K	0.00 - 0.50
5C-00041	10056	Sn-126	0.0027	0.015	0.0044	0.0237	U	0.00 - 0.50
5C-00041	10056	Sr-90	0.011	0.037	0.011	0.485	U	0.00 - 0.50
5C-00041	10056	Te-125m	0.0239	0.0092	0.0022	0.0838	S K	0.00 - 0.50
5C-00041	10056	Th-228	1.01	0.029	0.059	3.98		0.00 - 0.50
5C-00041	10056	Th-229	0.0059	0.0027	0.0024	0.145		0.00 - 0.50
5C-00041	10056	Th-230	0.756	0.012	0.047	2.2		0.00 - 0.50
5C-00041	10056	Th-232	1.01	0.012	0.059	3.1		0.00 - 0.50
5C-00041	10056	Th-234	0.317	0.14	0.044	3.19	R	0.00 - 0.50
5C-00041	10056	Tl-208	0.359	0.015	0.014	0.937		0.00 - 0.50
5C-00041	10056	Tm-171	-1.3	5.8	1.8	72.4	U	0.00 - 0.50
5C-00041	10056	U-233/234	0.647	0.006	0.035	2.02		0.00 - 0.50
5C-00041	10056	U-235/236	0.0358	0.0027	0.0062	0.151		0.00 - 0.50
5C-00041	10056	U-238	0.616	0.002	0.034	1.8		0.00 - 0.50
5C-00042	10058	Ac-227	0.041	0.14	0.015	0.217	U	1.00 - 5.00
5C-00042	10058	Ac-228	1.09	0.076	0.038	2.4		1.00 - 5.00
5C-00042	10058	Ag-108	-0.0009	0.0013	0.0004	--	UL	1.00 - 5.00
5C-00042	10058	Ag-108m	-0.0094	0.014	0.0043	--	UL	1.00 - 5.00
5C-00042	10058	Am-241	0.0009	0.011	0.0028	0.0454	U	1.00 - 5.00
5C-00042	10058	Ba-133	-0.071	0.021	0.0071	--	R	1.00 - 5.00
5C-00042	10058	Ba-137m	0.0495	0.013	0.0065	--		1.00 - 5.00
5C-00042	10058	Bi-212	0.877	0.11	0.066	2.15		1.00 - 5.00
5C-00042	10058	Bi-214	0.781	0.022	0.028	1.59		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00042	10058	Cd-113m	13	39	12	3030	U	1.00 - 5.00
5C-00042	10058	Cf-249	0.035	0.054	0.016	--		1.00 - 5.00
5C-00042	10058	Cm-243/244	-0.0017	0.013	0.0032	0.0443	U	1.00 - 5.00
5C-00042	10058	Cm-245/246	0.0018	0.0016	0.001	0.0401		1.00 - 5.00
5C-00042	10058	Cm-247/248	0.003	0.0044	0.0016	0.0306		1.00 - 5.00
5C-00042	10058	Co-60	-0.0002	0.015	0.0045	0.028	U	1.00 - 5.00
5C-00042	10058	Cs-134	0.0058	0.044	0.0018	0.0864	U	1.00 - 5.00
5C-00042	10058	Cs-137	0.0524	0.013	0.0069	0.207		1.00 - 5.00
5C-00042	10058	Eu-152	0.021	0.021	0.016	0.0566		1.00 - 5.00
5C-00042	10058	Eu-154	0.008	0.087	0.012	0.15	U	1.00 - 5.00
5C-00042	10058	Eu-155	0.071	0.03	0.012	0.231		1.00 - 5.00
5C-00042	10058	Ho-166m	0.0062	0.023	0.0089	0.0432	U	1.00 - 5.00
5C-00042	10058	K-40	20.2	0.11	0.61	32.4		1.00 - 5.00
5C-00042	10058	Na-22	-0.0083	0.024	0.0073	0.037	U	1.00 - 5.00
5C-00042	10058	Nb-94	-0.0002	0.014	0.0041	0.0214	U	1.00 - 5.00
5C-00042	10058	Np-236	0.0027	0.03	0.0089	0.047	U	1.00 - 5.00
5C-00042	10058	Np-239	0.018	0.078	0.024	0.139	U	1.00 - 5.00
5C-00042	10058	Pa-231	0.16	0.57	0.17	0.936	U	1.00 - 5.00
5C-00042	10058	Pb-212	1.38	0.021	0.056	2.69		1.00 - 5.00
5C-00042	10058	Pb-214	0.878	0.025	0.031	1.7		1.00 - 5.00
5C-00042	10058	Pu-236	0.0005	0.0039	0.001	7.79	U	1.00 - 5.00
5C-00042	10058	Pu-236	0.164	0.004	0.015	7.79		1.00 - 5.00
5C-00042	10058	Pu-238	0.0049	0.005	0.002	0.0415		1.00 - 5.00
5C-00042	10058	Pu-239/240	0.0033	0.0015	0.0013	0.0404		1.00 - 5.00
5C-00042	10058	Pu-244	-0.0005	0.004	0.0006	0.0313	U	1.00 - 5.00
5C-00042	10058	Rn-220	1.13	0.021	0.087	--		1.00 - 5.00
5C-00042	10058	Rn-222	0.829	0.022	0.041	--		1.00 - 5.00
5C-00042	10058	Sb-125	0.138	0.036	0.011	0.354		1.00 - 5.00
5C-00042	10058	Sn-126	-0.0011	0.015	0.0045	0.0237	U	1.00 - 5.00
5C-00042	10058	Sr-90	-0.017	0.07	0.02	0.485	U	1.00 - 5.00
5C-00042	10058	Te-125m	0.0319	0.0084	0.0025	0.0838		1.00 - 5.00
5C-00042	10058	Th-228	1.13	0.013	0.061	3.98		1.00 - 5.00
5C-00042	10058	Th-229	0.0072	0.0015	0.002	0.145		1.00 - 5.00
5C-00042	10058	Th-230	0.807	0.003	0.047	2.2		1.00 - 5.00
5C-00042	10058	Th-232	1.05	0.009	0.057	3.1		1.00 - 5.00
5C-00042	10058	Th-234	0.424	0.14	0.047	3.19	R	1.00 - 5.00
5C-00042	10058	Tl-208	0.411	0.017	0.016	0.937		1.00 - 5.00
5C-00042	10058	Tm-171	-0.4	5.5	1.7	72.4	U	1.00 - 5.00
5C-00042	10058	U-233/234	0.771	0.008	0.043	2.02		1.00 - 5.00
5C-00042	10058	U-235/236	0.0365	0.012	0.0076	0.151		1.00 - 5.00
5C-00042	10058	U-238	0.786	0.01	0.044	1.8		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00043	10059	Ac-227	0.038	0.15	0.055	0.217	U	0.00 - 0.50
5C-00043	10059	Ac-228	1.14	0.084	0.041	2.4		0.00 - 0.50
5C-00043	10059	Ag-108	-0.0036	0.0016	0.0005	--	R U	0.00 - 0.50
5C-00043	10059	Ag-108m	-0.0387	0.018	0.0058	--	R U	0.00 - 0.50
5C-00043	10059	Am-241	-0.0009	0.0095	0.0021	0.0454	U	0.00 - 0.50
5C-00043	10059	Ba-133	-0.0311	0.02	0.0064	--	R U	0.00 - 0.50
5C-00043	10059	Ba-137m	0.0808	0.012	0.0064	--		0.00 - 0.50
5C-00043	10059	Bi-212	1.13	0.15	0.094	2.15		0.00 - 0.50
5C-00043	10059	Bi-214	0.846	0.028	0.031	1.59		0.00 - 0.50
5C-00043	10059	Cd-113m	0.1	32	9.7	3030	U	0.00 - 0.50
5C-00043	10059	Cf-249	0.0062	0.047	0.0052	--	U R	0.00 - 0.50
5C-00043	10059	Cm-243/244	-0.0009	0.0063	0.001	0.0443	U	0.00 - 0.50
5C-00043	10059	Cm-245/246	0.0008	0.0023	0.0008	0.0401	U J	0.00 - 0.50
5C-00043	10059	Cm-247/248	0	0.0061	0.0012	0.0306	U J	0.00 - 0.50
5C-00043	10059	Co-60	0.0057	0.02	0.004	0.028	U	0.00 - 0.50
5C-00043	10059	Cs-134	0.0075	0.057	0.0038	0.0864	U	0.00 - 0.50
5C-00043	10059	Cs-137	0.0854	0.013	0.0068	0.207		0.00 - 0.50
5C-00043	10059	Eu-152	0.014	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00043	10059	Eu-154	0.001	0.11	0.033	0.15	U	0.00 - 0.50
5C-00043	10059	Eu-155	0.094	0.035	0.015	0.231	S K	0.00 - 0.50
5C-00043	10059	Ho-166m	0.0032	0.026	0.0041	0.0432	U	0.00 - 0.50
5C-00043	10059	K-40	19.7	0.15	0.6	32.4		0.00 - 0.50
5C-00043	10059	Na-22	0	0.029	0.0085	0.037	U	0.00 - 0.50
5C-00043	10059	Nb-94	0.0046	0.015	0.0046	0.0214	U	0.00 - 0.50
5C-00043	10059	Np-236	-0.0027	0.031	0.0095	0.047	U	0.00 - 0.50
5C-00043	10059	Np-239	0.039	0.074	0.023	0.139		0.00 - 0.50
5C-00043	10059	Pa-231	0.11	0.61	0.13	0.936	U	0.00 - 0.50
5C-00043	10059	Pb-212	1.54	0.025	0.063	2.69		0.00 - 0.50
5C-00043	10059	Pb-214	0.933	0.028	0.032	1.7		0.00 - 0.50
5C-00043	10059	Pu-236	0	0.0039	0.0008	7.79	U	0.00 - 0.50
5C-00043	10059	Pu-238	0	0.005	0.0011	0.0415	U	0.00 - 0.50
5C-00043	10059	Pu-239/240	0.0027	0.0014	0.0012	0.0404		0.00 - 0.50
5C-00043	10059	Pu-244	0.0016	0.0014	0.0009	0.0313		0.00 - 0.50
5C-00043	10059	Rn-220	1.33	0.03	0.11	--		0.00 - 0.50
5C-00043	10059	Rn-222	0.89	0.028	0.045	--		0.00 - 0.50
5C-00043	10059	Sb-125	0.111	0.045	0.01	0.354	S K	0.00 - 0.50
5C-00043	10059	Sn-126	0.0063	0.017	0.0052	0.0237	U	0.00 - 0.50
5C-00043	10059	Sr-90	0.014	0.044	0.013	0.485	U	0.00 - 0.50
5C-00043	10059	Te-125m	0.0257	0.01	0.0023	0.0838	S K	0.00 - 0.50
5C-00043	10059	Th-228	1.18	0.017	0.061	3.98		0.00 - 0.50
5C-00043	10059	Th-229	0.008	0.0065	0.003	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00043	10059	Th-230	0.773	0.012	0.043	2.2		0.00 - 0.50
5C-00043	10059	Th-232	1.06	0.003	0.056	3.1		0.00 - 0.50
5C-00043	10059	Th-234	1.4	0.15	0.081	3.19	R	0.00 - 0.50
5C-00043	10059	Tl-208	0.479	0.019	0.019	0.937		0.00 - 0.50
5C-00043	10059	Tm-171	-3.2	6.4	1.9	72.4	U	0.00 - 0.50
5C-00043	10059	U-233/234	0.555	0.015	0.035	2.02		0.00 - 0.50
5C-00043	10059	U-235/236	0.0383	0.0041	0.0078	0.151		0.00 - 0.50
5C-00043	10059	U-238	0.61	0.009	0.038	1.8		0.00 - 0.50
5C-00043	10060	Ac-227	0.063	0.15	0.016	0.217	U	1.00 - 5.00
5C-00043	10060	Ac-228	1.47	0.08	0.05	2.4		1.00 - 5.00
5C-00043	10060	Ag-108	-0.0021	0.0016	0.0005	--	R U	1.00 - 5.00
5C-00043	10060	Ag-108m	-0.0228	0.017	0.0054	--	R U	1.00 - 5.00
5C-00043	10060	Am-241	0.0045	0.0084	0.0028	0.0454		1.00 - 5.00
5C-00043	10060	Ba-133	-0.0635	0.02	0.007	--	R U	1.00 - 5.00
5C-00043	10060	Ba-137m	-0.0079	0.017	0.0051	--	U	1.00 - 5.00
5C-00043	10060	Bi-212	1.12	0.13	0.083	2.15		1.00 - 5.00
5C-00043	10060	Bi-214	1.09	0.029	0.038	1.59		1.00 - 5.00
5C-00043	10060	Cd-113m	2.2	30	9	3030	U	1.00 - 5.00
5C-00043	10060	Cf-249	0.0069	0.068	0.0041	--	U R	1.00 - 5.00
5C-00043	10060	Cm-243/244	-0.0045	0.019	0.005	0.0443	U	1.00 - 5.00
5C-00043	10060	Cm-245/246	0.0033	0.0082	0.0025	0.0401	J	1.00 - 5.00
5C-00043	10060	Cm-247/248	0.0011	0.0029	0.0011	0.0306	U	1.00 - 5.00
5C-00043	10060	Co-60	-0.0023	0.018	0.0054	0.028	U	1.00 - 5.00
5C-00043	10060	Cs-134	0.002	0.053	0.016	0.0864	U	1.00 - 5.00
5C-00043	10060	Cs-137	-0.0084	0.018	0.0054	0.207	U	1.00 - 5.00
5C-00043	10060	Eu-152	0.008	0.037	0.011	0.0566	U	1.00 - 5.00
5C-00043	10060	Eu-154	-0.048	0.1	0.031	0.15	U	1.00 - 5.00
5C-00043	10060	Eu-155	0.08	0.035	0.014	0.231	R S K	1.00 - 5.00
5C-00043	10060	Ho-166m	0.004	0.026	0.0044	0.0432	U	1.00 - 5.00
5C-00043	10060	K-40	19.9	0.17	0.61	32.4		1.00 - 5.00
5C-00043	10060	Na-22	0.0058	0.023	0.0068	0.037	U	1.00 - 5.00
5C-00043	10060	Nb-94	0.005	0.015	0.0046	0.0214	U	1.00 - 5.00
5C-00043	10060	Np-236	-0.011	0.034	0.01	0.047	U	1.00 - 5.00
5C-00043	10060	Np-239	-0.0003	0.081	0.024	0.139	U	1.00 - 5.00
5C-00043	10060	Pa-231	-0.02	0.6	0.18	0.936	U	1.00 - 5.00
5C-00043	10060	Pb-212	1.67	0.023	0.05	2.69		1.00 - 5.00
5C-00043	10060	Pb-214	1.17	0.03	0.049	1.7		1.00 - 5.00
5C-00043	10060	Pu-236	-0.0005	0.0077	0.002	7.79	U	1.00 - 5.00
5C-00043	10060	Pu-236	0.16	0.009	0.015	7.79		1.00 - 5.00
5C-00043	10060	Pu-238	0.0055	0.0015	0.0017	0.0415		1.00 - 5.00
5C-00043	10060	Pu-239/240	0	0.0015	0.0006	0.0404	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00043	10060	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00043	10060	Rn-220	1.39	0.023	0.097	--		1.00 - 5.00
5C-00043	10060	Rn-222	1.13	0.029	0.062	--		1.00 - 5.00
5C-00043	10060	Sb-125	0.123	0.037	0.0093	0.354	S K	1.00 - 5.00
5C-00043	10060	Sn-126	0.0004	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00043	10060	Sr-90	0.013	0.081	0.024	0.485	U	1.00 - 5.00
5C-00043	10060	Te-125m	0.0284	0.0086	0.0021	0.0838	S K	1.00 - 5.00
5C-00043	10060	Th-228	1.36	0.014	0.07	3.98		1.00 - 5.00
5C-00043	10060	Th-229	0.0048	0.0026	0.0021	0.145		1.00 - 5.00
5C-00043	10060	Th-230	1.14	0.012	0.06	2.2		1.00 - 5.00
5C-00043	10060	Th-232	1.39	0.003	0.07	3.1		1.00 - 5.00
5C-00043	10060	Th-234	0.511	0.18	0.057	3.19	R	1.00 - 5.00
5C-00043	10060	Tl-208	0.547	0.017	0.02	0.937		1.00 - 5.00
5C-00043	10060	Tm-171	-0.05	6.6	2	72.4	U	1.00 - 5.00
5C-00043	10060	U-233/234	1.13	0.011	0.062	2.02		1.00 - 5.00
5C-00043	10060	U-235/236	0.06	0.005	0.011	0.151	J	1.00 - 5.00
5C-00043	10060	U-238	1.24	0.011	0.067	1.8		1.00 - 5.00
5C-00044	10061	Ac-227	-0.055	0.16	0.048	0.217	U	1.00 - 5.00
5C-00044	10061	Ac-228	1.22	0.099	0.05	2.4		1.00 - 5.00
5C-00044	10061	Ag-108	-0.0013	0.0017	0.0005	--	UL	1.00 - 5.00
5C-00044	10061	Ag-108m	-0.0135	0.018	0.0056	--	UL	1.00 - 5.00
5C-00044	10061	Am-241	-0.0034	0.012	0.0022	0.0454	U	1.00 - 5.00
5C-00044	10061	Ba-133	-0.0766	0.024	0.0082	--	R	1.00 - 5.00
5C-00044	10061	Ba-137m	0.0019	0.017	0.0052	--	U	1.00 - 5.00
5C-00044	10061	Bi-212	0.98	0.17	0.1	2.15		1.00 - 5.00
5C-00044	10061	Bi-214	1.01	0.032	0.037	1.59		1.00 - 5.00
5C-00044	10061	Cd-113m	9	45	14	3030	U	1.00 - 5.00
5C-00044	10061	Cf-249	-0.025	0.076	0.023	--	U	1.00 - 5.00
5C-00044	10061	Cm-243/244	-0.0011	0.0082	0.0012	0.0443	U	1.00 - 5.00
5C-00044	10061	Cm-245/246	0.006	0.0023	0.0023	0.0401		1.00 - 5.00
5C-00044	10061	Cm-247/248	0.0042	0.0062	0.0023	0.0306		1.00 - 5.00
5C-00044	10061	Co-60	0.0077	0.019	0.0049	0.028	U	1.00 - 5.00
5C-00044	10061	Cs-134	0.0113	0.06	0.0049	0.0864	U	1.00 - 5.00
5C-00044	10061	Cs-137	0.002	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00044	10061	Eu-152	-0.007	0.042	0.013	0.0566	U	1.00 - 5.00
5C-00044	10061	Eu-154	0.007	0.073	0.012	0.15	U	1.00 - 5.00
5C-00044	10061	Eu-155	0.087	0.041	0.017	0.231		1.00 - 5.00
5C-00044	10061	Ho-166m	0.014	0.027	0.011	0.0432		1.00 - 5.00
5C-00044	10061	K-40	19.8	0.21	0.62	32.4		1.00 - 5.00
5C-00044	10061	Na-22	-0.0049	0.022	0.0067	0.037	U	1.00 - 5.00
5C-00044	10061	Nb-94	0.0128	0.016	0.0048	0.0214		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00044	10061	Np-236	0.002	0.036	0.011	0.047	U	1.00 - 5.00
5C-00044	10061	Np-239	0.027	0.096	0.029	0.139	U	1.00 - 5.00
5C-00044	10061	Pa-231	0	0.69	0.15	0.936	U	1.00 - 5.00
5C-00044	10061	Pb-212	1.45	0.026	0.045	2.69		1.00 - 5.00
5C-00044	10061	Pb-214	1.1	0.031	0.047	1.7		1.00 - 5.00
5C-00044	10061	Pu-236	0	0.0015	0.0006	7.79	U	1.00 - 5.00
5C-00044	10061	Pu-236	0.149	0.007	0.015	7.79		1.00 - 5.00
5C-00044	10061	Pu-238	-0.0012	0.007	0.0016	0.0415	U	1.00 - 5.00
5C-00044	10061	Pu-239/240	-0.0012	0.0055	0.0009	0.0404	U	1.00 - 5.00
5C-00044	10061	Pu-244	0	0.0016	0.0007	0.0313	U	1.00 - 5.00
5C-00044	10061	Rn-220	1.22	0.03	0.11	--		1.00 - 5.00
5C-00044	10061	Rn-222	1.06	0.031	0.06	--		1.00 - 5.00
5C-00044	10061	Sb-125	0.138	0.045	0.012	0.354		1.00 - 5.00
5C-00044	10061	Sn-126	0	0.019	0.0056	0.0237	U	1.00 - 5.00
5C-00044	10061	Sr-90	-0.027	0.069	0.019	0.485	U	1.00 - 5.00
5C-00044	10061	Te-125m	0.0319	0.01	0.0029	0.0838		1.00 - 5.00
5C-00044	10061	Th-228	1.31	0.018	0.068	3.98		1.00 - 5.00
5C-00044	10061	Th-229	0.005	0.0019	0.0019	0.145		1.00 - 5.00
5C-00044	10061	Th-230	0.923	0.011	0.051	2.2		1.00 - 5.00
5C-00044	10061	Th-232	1.29	0.003	0.066	3.1		1.00 - 5.00
5C-00044	10061	Th-234	1.06	0.22	0.076	3.19	R	1.00 - 5.00
5C-00044	10061	Tl-208	0.504	0.02	0.02	0.937		1.00 - 5.00
5C-00044	10061	Tm-171	-2.8	6.3	1.9	72.4	U	1.00 - 5.00
5C-00044	10061	U-233/234	0.874	0.003	0.048	2.02		1.00 - 5.00
5C-00044	10061	U-235/236	0.0479	0.0098	0.0085	0.151		1.00 - 5.00
5C-00044	10061	U-238	0.86	0.008	0.047	1.8		1.00 - 5.00
5C-00045	10062	Ac-227	0.046	0.15	0.058	0.217	U	0.00 - 0.50
5C-00045	10062	Ac-228	1.24	0.087	0.042	2.4		0.00 - 0.50
5C-00045	10062	Ag-108	-0.0016	0.0015	0.0005	--	R U	0.00 - 0.50
5C-00045	10062	Ag-108m	-0.017	0.016	0.0049	--	R U	0.00 - 0.50
5C-00045	10062	Am-241	0	0.0063	0.0013	0.0454	U	0.00 - 0.50
5C-00045	10062	Ba-133	-0.0249	0.02	0.0064	--	R U	0.00 - 0.50
5C-00045	10062	Ba-137m	0.0494	0.013	0.0066	--		0.00 - 0.50
5C-00045	10062	Bi-212	1.11	0.14	0.085	2.15		0.00 - 0.50
5C-00045	10062	Bi-214	0.879	0.026	0.032	1.59		0.00 - 0.50
5C-00045	10062	Cd-113m	10	42	13	3030	U	0.00 - 0.50
5C-00045	10062	Cf-249	-0.014	0.058	0.018	--	U R	0.00 - 0.50
5C-00045	10062	Cm-243/244	0.0008	0.0023	0.0009	0.0443	U	0.00 - 0.50
5C-00045	10062	Cm-245/246	0.0016	0.0022	0.0012	0.0401	U J	0.00 - 0.50
5C-00045	10062	Cm-247/248	0.0008	0.0022	0.0008	0.0306	U J	0.00 - 0.50
5C-00045	10062	Co-60	0.0028	0.02	0.0034	0.028	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00045	10062	Cs-134	0.0113	0.056	0.0041	0.0864	U	0.00 - 0.50
5C-00045	10062	Cs-137	0.0523	0.014	0.0069	0.207		0.00 - 0.50
5C-00045	10062	Eu-152	0.0142	0.042	0.0095	0.0566	U	0.00 - 0.50
5C-00045	10062	Eu-154	-0.034	0.1	0.03	0.15	U	0.00 - 0.50
5C-00045	10062	Eu-155	0.092	0.035	0.015	0.231	S K	0.00 - 0.50
5C-00045	10062	Ho-166m	0.0059	0.026	0.0091	0.0432	U	0.00 - 0.50
5C-00045	10062	K-40	20.6	0.15	0.63	32.4		0.00 - 0.50
5C-00045	10062	Na-22	0.0006	0.026	0.0077	0.037	U	0.00 - 0.50
5C-00045	10062	Nb-94	0.0005	0.015	0.0044	0.0214	U	0.00 - 0.50
5C-00045	10062	Np-236	-0.0065	0.032	0.0096	0.047	U	0.00 - 0.50
5C-00045	10062	Np-239	-0.0007	0.089	0.027	0.139	U	0.00 - 0.50
5C-00045	10062	Pa-231	-0.033	0.62	0.032	0.936	U	0.00 - 0.50
5C-00045	10062	Pb-212	1.65	0.025	0.067	2.69		0.00 - 0.50
5C-00045	10062	Pb-214	1	0.03	0.034	1.7		0.00 - 0.50
5C-00045	10062	Pu-236	-0.0018	0.0092	0.0022	7.79	U	0.00 - 0.50
5C-00045	10062	Pu-238	-0.0006	0.0045	0.0007	0.0415	U	0.00 - 0.50
5C-00045	10062	Pu-239/240	0.0006	0.0016	0.0006	0.0404	U	0.00 - 0.50
5C-00045	10062	Pu-244	0.0067	0.0016	0.002	0.0313		0.00 - 0.50
5C-00045	10062	Rn-220	1.38	0.03	0.11	--		0.00 - 0.50
5C-00045	10062	Rn-222	0.941	0.026	0.047	--		0.00 - 0.50
5C-00045	10062	Sb-125	0.149	0.042	0.013	0.354	S K	0.00 - 0.50
5C-00045	10062	Sn-126	-0.0033	0.018	0.0054	0.0237	U	0.00 - 0.50
5C-00045	10062	Sr-90	-0.0078	0.035	0.01	0.485	U	0.00 - 0.50
5C-00045	10062	Te-125m	0.0345	0.0097	0.003	0.0838	S K	0.00 - 0.50
5C-00045	10062	Th-228	1.11	0.022	0.06	3.98		0.00 - 0.50
5C-00045	10062	Th-229	0.003	0.0027	0.0018	0.145		0.00 - 0.50
5C-00045	10062	Th-230	0.806	0.003	0.046	2.2		0.00 - 0.50
5C-00045	10062	Th-232	1.08	0.009	0.058	3.1		0.00 - 0.50
5C-00045	10062	Th-234	1.52	0.15	0.087	3.19	R	0.00 - 0.50
5C-00045	10062	Tl-208	0.513	0.019	0.02	0.937		0.00 - 0.50
5C-00045	10062	Tm-171	-2	6.4	2	72.4	U	0.00 - 0.50
5C-00045	10062	U-233/234	0.772	0.013	0.046	2.02		0.00 - 0.50
5C-00045	10062	U-235/236	0.0259	0.0047	0.0068	0.151		0.00 - 0.50
5C-00045	10062	U-238	0.734	0.004	0.044	1.8		0.00 - 0.50
5C-00045	10063	Ac-227	0.053	0.14	0.022	0.217	U	1.00 - 5.00
5C-00045	10063	Ac-228	1.33	0.096	0.047	2.4		1.00 - 5.00
5C-00045	10063	Ag-108	-0.0006	0.0014	0.0004	--	U	1.00 - 5.00
5C-00045	10063	Ag-108m	-0.006	0.015	0.0044	--	U	1.00 - 5.00
5C-00045	10063	Am-241	0.0012	0.009	0.0022	0.0454	U	1.00 - 5.00
5C-00045	10063	Ba-133	-0.0076	0.019	0.0058	--	U	1.00 - 5.00
5C-00045	10063	Ba-137m	-0.0083	0.017	0.0052	--	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00045	10063	Bi-212	0.992	0.15	0.093	2.15		1.00 - 5.00
5C-00045	10063	Bi-214	0.934	0.03	0.035	1.59		1.00 - 5.00
5C-00045	10063	Cd-113m	-0.03	42	13	3030	U	1.00 - 5.00
5C-00045	10063	Cf-249	0.0031	0.072	0.0028	--	U	1.00 - 5.00
5C-00045	10063	Cm-243/244	-0.0024	0.017	0.0041	0.0443	U	1.00 - 5.00
5C-00045	10063	Cm-245/246	0.0074	0.0017	0.0022	0.0401		1.00 - 5.00
5C-00045	10063	Cm-247/248	0.0024	0.0016	0.0012	0.0306		1.00 - 5.00
5C-00045	10063	Co-60	0.0055	0.019	0.0052	0.028	U	1.00 - 5.00
5C-00045	10063	Cs-134	0.0115	0.015	0.0052	0.0864		1.00 - 5.00
5C-00045	10063	Cs-137	-0.0087	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00045	10063	Eu-152	0.013	0.04	0.012	0.0566	U	1.00 - 5.00
5C-00045	10063	Eu-154	0.018	0.11	0.015	0.15	U	1.00 - 5.00
5C-00045	10063	Eu-155	0.083	0.034	0.014	0.231		1.00 - 5.00
5C-00045	10063	Ho-166m	-0.0134	0.026	0.008	0.0432	U	1.00 - 5.00
5C-00045	10063	K-40	20.6	0.13	0.63	32.4		1.00 - 5.00
5C-00045	10063	Na-22	0.0076	0.025	0.0076	0.037	U	1.00 - 5.00
5C-00045	10063	Nb-94	0.0018	0.016	0.0047	0.0214	U	1.00 - 5.00
5C-00045	10063	Np-236	0.0036	0.032	0.0098	0.047	U	1.00 - 5.00
5C-00045	10063	Np-239	0.011	0.091	0.027	0.139	U	1.00 - 5.00
5C-00045	10063	Pa-231	-0.005	0.65	0.19	0.936	U	1.00 - 5.00
5C-00045	10063	Pb-212	1.63	0.023	0.066	2.69		1.00 - 5.00
5C-00045	10063	Pb-214	0.943	0.028	0.032	1.7		1.00 - 5.00
5C-00045	10063	Pu-236	0.151	0.006	0.015	7.79		1.00 - 5.00
5C-00045	10063	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 5.00
5C-00045	10063	Pu-238	0.0012	0.0055	0.0015	0.0415	U	1.00 - 5.00
5C-00045	10063	Pu-239/240	0	0.0055	0.0013	0.0404	U	1.00 - 5.00
5C-00045	10063	Pu-244	0	0.0016	0.0007	0.0313	U	1.00 - 5.00
5C-00045	10063	Rn-220	1.31	0.02	0.11	--		1.00 - 5.00
5C-00045	10063	Rn-222	0.938	0.028	0.047	--		1.00 - 5.00
5C-00045	10063	Sb-125	0.14	0.044	0.012	0.354		1.00 - 5.00
5C-00045	10063	Sn-126	0.0025	0.014	0.0042	0.0237	U	1.00 - 5.00
5C-00045	10063	Sr-90	0.025	0.08	0.024	0.485	U	1.00 - 5.00
5C-00045	10063	Te-125m	0.0324	0.01	0.0027	0.0838		1.00 - 5.00
5C-00045	10063	Th-228	2.2	0.03	0.11	3.98	K	1.00 - 5.00
5C-00045	10063	Th-229	0.01	0.0082	0.0038	0.145		1.00 - 5.00
5C-00045	10063	Th-230	1.66	0.012	0.086	2.2	K	1.00 - 5.00
5C-00045	10063	Th-232	2.02	0.01	0.1	3.1	K	1.00 - 5.00
5C-00045	10063	Th-234	0.502	0.17	0.055	3.19	R	1.00 - 5.00
5C-00045	10063	Tl-208	0.493	0.016	0.018	0.937		1.00 - 5.00
5C-00045	10063	Tm-171	2.5	4.9	1.5	72.4		1.00 - 5.00
5C-00045	10063	U-233/234	0.847	0.01	0.049	2.02		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00045	10063	U-235/236	0.044	0.0044	0.0087	0.151		1.00 - 5.00
5C-00045	10063	U-238	0.868	0.014	0.05	1.8		1.00 - 5.00
5C-00046	10064	Ac-227	0.057	0.16	0.051	0.217	U	1.00 - 5.00
5C-00046	10064	Ac-228	1.28	0.089	0.044	2.4		1.00 - 5.00
5C-00046	10064	Ag-108	-0.0008	0.0016	0.0005	--	U	1.00 - 5.00
5C-00046	10064	Ag-108m	-0.0087	0.017	0.0052	--	U	1.00 - 5.00
5C-00046	10064	Am-241	-0.0036	0.016	0.0035	0.0454	U	1.00 - 5.00
5C-00046	10064	Ba-133	-0.0946	0.024	0.0084	--	R	1.00 - 5.00
5C-00046	10064	Ba-137m	-0.0089	0.018	0.0053	--	U	1.00 - 5.00
5C-00046	10064	Bi-212	1.03	0.14	0.089	2.15		1.00 - 5.00
5C-00046	10064	Bi-214	0.932	0.029	0.034	1.59		1.00 - 5.00
5C-00046	10064	Cd-113m	11	45	13	3030	U	1.00 - 5.00
5C-00046	10064	Cf-249	0.0209	0.068	0.0057	--	U	1.00 - 5.00
5C-00046	10064	Cm-243/244	-0.0035	0.019	0.0046	0.0443	U	1.00 - 5.00
5C-00046	10064	Cm-245/246	0.0028	0.0019	0.0014	0.0401		1.00 - 5.00
5C-00046	10064	Cm-247/248	0.0014	0.0018	0.001	0.0306	U	1.00 - 5.00
5C-00046	10064	Co-60	0.007	0.019	0.0058	0.028	U	1.00 - 5.00
5C-00046	10064	Cs-134	-0.0004	0.054	0.0017	0.0864	U	1.00 - 5.00
5C-00046	10064	Cs-137	-0.0094	0.019	0.0056	0.207	U	1.00 - 5.00
5C-00046	10064	Eu-152	0.0025	0.042	0.002	0.0566	U	1.00 - 5.00
5C-00046	10064	Eu-154	0.0047	0.11	0.004	0.15	U	1.00 - 5.00
5C-00046	10064	Eu-155	0.087	0.033	0.014	0.231		1.00 - 5.00
5C-00046	10064	Ho-166m	-0.0041	0.027	0.006	0.0432	U	1.00 - 5.00
5C-00046	10064	K-40	19.5	0.15	0.6	32.4		1.00 - 5.00
5C-00046	10064	Na-22	0.0075	0.017	0.0051	0.037	U	1.00 - 5.00
5C-00046	10064	Nb-94	0.0031	0.016	0.0036	0.0214	U	1.00 - 5.00
5C-00046	10064	Np-236	-0.0003	0.033	0.0099	0.047	U	1.00 - 5.00
5C-00046	10064	Np-239	0.026	0.065	0.02	0.139	U	1.00 - 5.00
5C-00046	10064	Pa-231	0.08	0.63	0.19	0.936	U	1.00 - 5.00
5C-00046	10064	Pb-212	1.57	0.024	0.064	2.69		1.00 - 5.00
5C-00046	10064	Pb-214	1.03	0.027	0.035	1.7		1.00 - 5.00
5C-00046	10064	Pu-236	-0.0028	0.01	0.0025	7.79	U	1.00 - 5.00
5C-00046	10064	Pu-236	0.174	0.001	0.014	7.79		1.00 - 5.00
5C-00046	10064	Pu-238	0.002	0.0014	0.001	0.0415		1.00 - 5.00
5C-00046	10064	Pu-239/240	-0.0005	0.0037	0.0006	0.0404	U	1.00 - 5.00
5C-00046	10064	Pu-244	0	0.0014	0.0006	0.0313	U	1.00 - 5.00
5C-00046	10064	Rn-220	1.3	0.02	0.11	--		1.00 - 5.00
5C-00046	10064	Rn-222	0.981	0.027	0.049	--		1.00 - 5.00
5C-00046	10064	Sb-125	0.122	0.042	0.011	0.354		1.00 - 5.00
5C-00046	10064	Sn-126	0.003	0.018	0.0054	0.0237	U	1.00 - 5.00
5C-00046	10064	Sr-90	0.063	0.066	0.021	0.485		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00046	10064	Te-125m	0.0283	0.0096	0.0025	0.0838		1.00 - 5.00
5C-00046	10064	Th-228	1.19	0.011	0.063	3.98		1.00 - 5.00
5C-00046	10064	Th-229	0.0077	0.0035	0.0031	0.145		1.00 - 5.00
5C-00046	10064	Th-230	0.866	0.003	0.049	2.2		1.00 - 5.00
5C-00046	10064	Th-232	1.14	0.009	0.061	3.1		1.00 - 5.00
5C-00046	10064	Th-234	1.68	0.16	0.094	3.19	R	1.00 - 5.00
5C-00046	10064	Tl-208	0.475	0.019	0.019	0.937		1.00 - 5.00
5C-00046	10064	Tm-171	-3.3	5.5	1.7	72.4	U	1.00 - 5.00
5C-00046	10064	U-233/234	0.964	0.009	0.054	2.02		1.00 - 5.00
5C-00046	10064	U-235/236	0.063	0.015	0.011	0.151		1.00 - 5.00
5C-00046	10064	U-238	0.908	0.003	0.051	1.8		1.00 - 5.00
5C-00047	10065	Ac-227	-0.071	0.12	0.038	0.217	U	0.00 - 0.50
5C-00047	10065	Ac-228	1.17	0.088	0.04	2.4		0.00 - 0.50
5C-00047	10065	Ag-108	-0.0034	0.0016	0.0005	--	R U	0.00 - 0.50
5C-00047	10065	Ag-108m	-0.037	0.017	0.0055	--	R U	0.00 - 0.50
5C-00047	10065	Am-241	0.0023	0.011	0.0029	0.0454	U	0.00 - 0.50
5C-00047	10065	Ba-133	-0.0351	0.02	0.0064	--	R U	0.00 - 0.50
5C-00047	10065	Ba-137m	-0.0069	0.016	0.0049	--	U	0.00 - 0.50
5C-00047	10065	Bi-212	0.991	0.13	0.077	2.15		0.00 - 0.50
5C-00047	10065	Bi-214	0.742	0.027	0.028	1.59		0.00 - 0.50
5C-00047	10065	Cd-113m	-9	43	13	3030	U	0.00 - 0.50
5C-00047	10065	Cf-249	-0.023	0.056	0.017	--	U R	0.00 - 0.50
5C-00047	10065	Cm-243/244	0	0.013	0.0034	0.0443	U	0.00 - 0.50
5C-00047	10065	Cm-245/246	0.0009	0.0023	0.0009	0.0401	U J	0.00 - 0.50
5C-00047	10065	Cm-247/248	0.0008	0.0023	0.0009	0.0306	U J	0.00 - 0.50
5C-00047	10065	Co-60	-0.0024	0.021	0.0062	0.028	U	0.00 - 0.50
5C-00047	10065	Cs-134	0.0112	0.05	0.0054	0.0864	U	0.00 - 0.50
5C-00047	10065	Cs-137	-0.0073	0.017	0.0052	0.207	U	0.00 - 0.50
5C-00047	10065	Eu-152	0.029	0.038	0.016	0.0566		0.00 - 0.50
5C-00047	10065	Eu-154	0.008	0.097	0.011	0.15	U	0.00 - 0.50
5C-00047	10065	Eu-155	0.083	0.033	0.014	0.231	S K	0.00 - 0.50
5C-00047	10065	Ho-166m	0.0366	0.022	0.005	0.0432	S K	0.00 - 0.50
5C-00047	10065	K-40	22	0.15	0.66	32.4		0.00 - 0.50
5C-00047	10065	Na-22	0.0065	0.02	0.0059	0.037	U	0.00 - 0.50
5C-00047	10065	Nb-94	-0.0024	0.015	0.0046	0.0214	U	0.00 - 0.50
5C-00047	10065	Np-236	-0.0064	0.031	0.0094	0.047	U	0.00 - 0.50
5C-00047	10065	Np-239	0.012	0.085	0.026	0.139	U	0.00 - 0.50
5C-00047	10065	Pa-231	-0.21	0.6	0.18	0.936	U	0.00 - 0.50
5C-00047	10065	Pb-212	1.58	0.025	0.064	2.69		0.00 - 0.50
5C-00047	10065	Pb-214	0.855	0.024	0.03	1.7		0.00 - 0.50
5C-00047	10065	Pu-236	-0.0051	0.015	0.0039	7.79	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00047	10065	Pu-238	0.0013	0.0046	0.0013	0.0415	U	0.00 - 0.50
5C-00047	10065	Pu-239/240	-0.0013	0.0068	0.0014	0.0404	U	0.00 - 0.50
5C-00047	10065	Pu-244	0.0057	0.0017	0.0019	0.0313		0.00 - 0.50
5C-00047	10065	Rn-220	1.29	0.02	0.1	--		0.00 - 0.50
5C-00047	10065	Rn-222	0.798	0.024	0.041	--		0.00 - 0.50
5C-00047	10065	Sb-125	0.158	0.038	0.012	0.354	S K	0.00 - 0.50
5C-00047	10065	Sn-126	0	0.018	0.0049	0.0237	U	0.00 - 0.50
5C-00047	10065	Sr-90	0.015	0.034	0.01	0.485	U	0.00 - 0.50
5C-00047	10065	Te-125m	0.0366	0.0088	0.0029	0.0838	S K	0.00 - 0.50
5C-00047	10065	Th-228	1.09	0.015	0.058	3.98		0.00 - 0.50
5C-00047	10065	Th-229	0.013	0.0027	0.0036	0.145		0.00 - 0.50
5C-00047	10065	Th-230	0.725	0.008	0.041	2.2		0.00 - 0.50
5C-00047	10065	Th-232	1.04	0.011	0.055	3.1		0.00 - 0.50
5C-00047	10065	Th-234	0.294	0.16	0.05	3.19	R	0.00 - 0.50
5C-00047	10065	Tl-208	0.465	0.017	0.018	0.937		0.00 - 0.50
5C-00047	10065	Tm-171	-1.5	6.4	1.9	72.4	U	0.00 - 0.50
5C-00047	10065	U-233/234	0.707	0.015	0.043	2.02		0.00 - 0.50
5C-00047	10065	U-235/236	0.0363	0.013	0.0085	0.151		0.00 - 0.50
5C-00047	10065	U-238	0.715	0.004	0.044	1.8		0.00 - 0.50
5C-00047	10066	Ac-227	0.061	0.1	0.022	0.217		1.00 - 5.00
5C-00047	10066	Ac-228	1.23	0.093	0.045	2.4		1.00 - 5.00
5C-00047	10066	Ag-108	-0.0011	0.0016	0.0005	--	UL	1.00 - 5.00
5C-00047	10066	Ag-108m	-0.0114	0.017	0.0052	--	UL	1.00 - 5.00
5C-00047	10066	Am-241	0.0069	0.0063	0.0028	0.0454		1.00 - 5.00
5C-00047	10066	Ba-133	-0.101	0.026	0.0089	--	R	1.00 - 5.00
5C-00047	10066	Ba-137m	0.0108	0.014	0.0062	--		1.00 - 5.00
5C-00047	10066	Bi-212	0.97	0.16	0.098	2.15		1.00 - 5.00
5C-00047	10066	Bi-214	0.909	0.029	0.034	1.59		1.00 - 5.00
5C-00047	10066	Cd-113m	-0.8	46	14	3030	U	1.00 - 5.00
5C-00047	10066	Cf-249	-0.019	0.064	0.019	--	U	1.00 - 5.00
5C-00047	10066	Cm-243/244	-0.005	0.02	0.0054	0.0443	U	1.00 - 5.00
5C-00047	10066	Cm-245/246	0.0055	0.0067	0.0026	0.0401		1.00 - 5.00
5C-00047	10066	Cm-247/248	0.0018	0.0024	0.0013	0.0306	U	1.00 - 5.00
5C-00047	10066	Co-60	-0.0028	0.021	0.0064	0.028	U	1.00 - 5.00
5C-00047	10066	Cs-134	0.0114	0.056	0.0038	0.0864	U	1.00 - 5.00
5C-00047	10066	Cs-137	0.0114	0.015	0.0066	0.207		1.00 - 5.00
5C-00047	10066	Eu-152	-0.011	0.042	0.013	0.0566	U	1.00 - 5.00
5C-00047	10066	Eu-154	-0.046	0.12	0.036	0.15	U	1.00 - 5.00
5C-00047	10066	Eu-155	0.064	0.035	0.014	0.231		1.00 - 5.00
5C-00047	10066	Ho-166m	0.0041	0.024	0.0052	0.0432	U	1.00 - 5.00
5C-00047	10066	K-40	20.5	0.16	0.63	32.4		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00047	10066	Na-22	-0.0013	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00047	10066	Nb-94	0.0031	0.015	0.0046	0.0214	U	1.00 - 5.00
5C-00047	10066	Np-236	-0.005	0.035	0.01	0.047	U	1.00 - 5.00
5C-00047	10066	Np-239	-0.014	0.09	0.027	0.139	U	1.00 - 5.00
5C-00047	10066	Pa-231	0.25	0.66	0.15	0.936	U	1.00 - 5.00
5C-00047	10066	Pb-212	1.56	0.023	0.064	2.69		1.00 - 5.00
5C-00047	10066	Pb-214	1.05	0.028	0.036	1.7		1.00 - 5.00
5C-00047	10066	Pu-236	0.182	0.005	0.015	7.79		1.00 - 5.00
5C-00047	10066	Pu-236	-0.0011	0.008	0.002	7.79	U	1.00 - 5.00
5C-00047	10066	Pu-238	0.0015	0.0053	0.0015	0.0415	U	1.00 - 5.00
5C-00047	10066	Pu-239/240	0.0005	0.0036	0.0009	0.0404	U	1.00 - 5.00
5C-00047	10066	Pu-244	0.001	0.0013	0.0007	0.0313	U	1.00 - 5.00
5C-00047	10066	Rn-220	1.27	0.02	0.12	--		1.00 - 5.00
5C-00047	10066	Rn-222	0.982	0.028	0.05	--		1.00 - 5.00
5C-00047	10066	Sb-125	0.124	0.046	0.011	0.354		1.00 - 5.00
5C-00047	10066	Sn-126	-0.0013	0.019	0.0058	0.0237	U	1.00 - 5.00
5C-00047	10066	Sr-90	0.008	0.069	0.02	0.485	U	1.00 - 5.00
5C-00047	10066	Te-125m	0.0287	0.011	0.0025	0.0838		1.00 - 5.00
5C-00047	10066	Th-228	1.13	0.009	0.06	3.98		1.00 - 5.00
5C-00047	10066	Th-229	0.0067	0.0017	0.002	0.145		1.00 - 5.00
5C-00047	10066	Th-230	0.922	0.009	0.051	2.2		1.00 - 5.00
5C-00047	10066	Th-232	1.12	0.003	0.06	3.1		1.00 - 5.00
5C-00047	10066	Th-234	1.83	0.16	0.096	3.19	R	1.00 - 5.00
5C-00047	10066	Tl-208	0.463	0.019	0.019	0.937		1.00 - 5.00
5C-00047	10066	Tm-171	-2.5	6.1	1.8	72.4	U	1.00 - 5.00
5C-00047	10066	U-233/234	0.913	0.008	0.049	2.02		1.00 - 5.00
5C-00047	10066	U-235/236	0.0434	0.0036	0.0078	0.151		1.00 - 5.00
5C-00047	10066	U-238	0.97	0.003	0.052	1.8		1.00 - 5.00
5C-00049	10068	Ac-227	0.036	0.14	0.041	0.217	U	0.00 - 0.50
5C-00049	10068	Ac-228	1.06	0.11	0.068	2.4		0.00 - 0.50
5C-00049	10068	Ag-108	-0.0028	0.0015	0.0005	--	R U	0.00 - 0.50
5C-00049	10068	Ag-108m	-0.0303	0.017	0.0053	--	R U	0.00 - 0.50
5C-00049	10068	Am-241	0.0013	0.0049	0.0014	0.0454	U	0.00 - 0.50
5C-00049	10068	Ba-133	-0.0405	0.018	0.006	--	R U	0.00 - 0.50
5C-00049	10068	Ba-137m	0.0088	0.016	0.0049	--		0.00 - 0.50
5C-00049	10068	Bi-212	1.13	0.15	0.092	2.15		0.00 - 0.50
5C-00049	10068	Bi-214	0.689	0.03	0.028	1.59		0.00 - 0.50
5C-00049	10068	Cd-113m	-1	40	12	3030	U	0.00 - 0.50
5C-00049	10068	Cf-249	0.026	0.059	0.018	--	U R	0.00 - 0.50
5C-00049	10068	Cm-243/244	0.0007	0.0018	0.0007	0.0443	U	0.00 - 0.50
5C-00049	10068	Cm-245/246	0	0.0042	0.0013	0.0401	U J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00049	10068	Cm-247/248	0.0015	0.0041	0.0015	0.0306	U J	0.00 - 0.50
5C-00049	10068	Co-60	0.0034	0.017	0.005	0.028	U	0.00 - 0.50
5C-00049	10068	Cs-134	0.0079	0.048	0.0042	0.0864	U	0.00 - 0.50
5C-00049	10068	Cs-137	0.0093	0.017	0.0052	0.207		0.00 - 0.50
5C-00049	10068	Eu-152	-0.006	0.038	0.011	0.0566	U	0.00 - 0.50
5C-00049	10068	Eu-154	-0.029	0.1	0.031	0.15	U	0.00 - 0.50
5C-00049	10068	Eu-155	0.088	0.034	0.014	0.231	S K	0.00 - 0.50
5C-00049	10068	Ho-166m	0.008	0.025	0.0069	0.0432	U	0.00 - 0.50
5C-00049	10068	K-40	19.6	0.16	0.6	32.4		0.00 - 0.50
5C-00049	10068	Na-22	-0.0022	0.023	0.0069	0.037	U	0.00 - 0.50
5C-00049	10068	Nb-94	0.0064	0.014	0.0044	0.0214	U	0.00 - 0.50
5C-00049	10068	Np-236	0.013	0.027	0.0082	0.047	S K	0.00 - 0.50
5C-00049	10068	Np-239	0.002	0.083	0.025	0.139	U	0.00 - 0.50
5C-00049	10068	Pa-231	0.34	0.37	0.14	0.936		0.00 - 0.50
5C-00049	10068	Pb-212	1.53	0.024	0.047	2.69		0.00 - 0.50
5C-00049	10068	Pb-214	0.734	0.026	0.032	1.7		0.00 - 0.50
5C-00049	10068	Pu-236	-0.0006	0.0046	0.0007	7.79	U	0.00 - 0.50
5C-00049	10068	Pu-238	-0.0006	0.0058	0.0012	0.0415	U	0.00 - 0.50
5C-00049	10068	Pu-239/240	0.0006	0.0017	0.0006	0.0404	U	0.00 - 0.50
5C-00049	10068	Pu-244	0.0031	0.0017	0.0014	0.0313		0.00 - 0.50
5C-00049	10068	Rn-220	1.33	0.02	0.1	--		0.00 - 0.50
5C-00049	10068	Rn-222	0.711	0.026	0.043	--		0.00 - 0.50
5C-00049	10068	Sb-125	0.156	0.044	0.012	0.354	S K	0.00 - 0.50
5C-00049	10068	Sn-126	-0.0001	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00049	10068	Sr-90	0.014	0.061	0.018	0.485	U	0.00 - 0.50
5C-00049	10068	Te-125m	0.036	0.01	0.0028	0.0838	S K	0.00 - 0.50
5C-00049	10068	Th-228	1.29	0.011	0.061	3.98	J	0.00 - 0.50
5C-00049	10068	Th-229	0.0032	0.008	0.0025	0.145		0.00 - 0.50
5C-00049	10068	Th-230	0.701	0.002	0.036	2.2	J	0.00 - 0.50
5C-00049	10068	Th-232	1.25	0.005	0.06	3.1	J	0.00 - 0.50
5C-00049	10068	Th-234	0.284	0.17	0.051	3.19	R	0.00 - 0.50
5C-00049	10068	Tl-208	0.514	0.019	0.019	0.937		0.00 - 0.50
5C-00049	10068	Tm-171	0.2	6.6	2	72.4	U	0.00 - 0.50
5C-00049	10068	U-233/234	0.582	0.01	0.035	2.02		0.00 - 0.50
5C-00049	10068	U-235/236	0.0337	0.0096	0.007	0.151		0.00 - 0.50
5C-00049	10068	U-238	0.535	0.003	0.033	1.8		0.00 - 0.50
5C-00049	10069	Ac-227	0.033	0.15	0.056	0.217	U	0.50 - 2.00
5C-00049	10069	Ac-228	1.33	0.089	0.049	2.4		0.50 - 2.00
5C-00049	10069	Ag-108	-0.0017	0.0015	0.0005	--	R	0.50 - 2.00
5C-00049	10069	Ag-108m	-0.0186	0.016	0.0051	--	R	0.50 - 2.00
5C-00049	10069	Am-241	0.0009	0.01	0.0026	0.0454	U	0.50 - 2.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00049	10069	Ba-133	-0.105	0.026	0.0089	--	R	0.50 - 2.00
5C-00049	10069	Ba-137m	-0.0001	0.016	0.0047	--	U	0.50 - 2.00
5C-00049	10069	Bi-212	0.956	0.13	0.075	2.15		0.50 - 2.00
5C-00049	10069	Bi-214	0.895	0.029	0.033	1.59		0.50 - 2.00
5C-00049	10069	Cd-113m	25	41	13	3030		0.50 - 2.00
5C-00049	10069	Cf-249	0.03	0.063	0.019	--	U	0.50 - 2.00
5C-00049	10069	Cm-243/244	-0.0046	0.016	0.0038	0.0443	U	0.50 - 2.00
5C-00049	10069	Cm-245/246	0.0023	0.0072	0.0021	0.0401	U	0.50 - 2.00
5C-00049	10069	Cm-247/248	0.0023	0.0021	0.0013	0.0306		0.50 - 2.00
5C-00049	10069	Co-60	0.0018	0.021	0.0043	0.028	U	0.50 - 2.00
5C-00049	10069	Cs-134	0.014	0.051	0.0043	0.0864	U	0.50 - 2.00
5C-00049	10069	Cs-137	-0.0001	0.017	0.0049	0.207	U	0.50 - 2.00
5C-00049	10069	Eu-152	-0.004	0.041	0.012	0.0566	U	0.50 - 2.00
5C-00049	10069	Eu-154	-0.028	0.11	0.033	0.15	U	0.50 - 2.00
5C-00049	10069	Eu-155	0.081	0.035	0.015	0.231		0.50 - 2.00
5C-00049	10069	Ho-166m	0.024	0.028	0.0077	0.0432		0.50 - 2.00
5C-00049	10069	K-40	19.6	0.15	0.6	32.4		0.50 - 2.00
5C-00049	10069	Na-22	-0.0089	0.022	0.0067	0.037	U	0.50 - 2.00
5C-00049	10069	Nb-94	0.0081	0.015	0.0046	0.0214		0.50 - 2.00
5C-00049	10069	Np-236	0.0016	0.03	0.0091	0.047	U	0.50 - 2.00
5C-00049	10069	Np-239	-0.002	0.087	0.026	0.139	U	0.50 - 2.00
5C-00049	10069	Pa-231	0.004	0.61	0.18	0.936	U	0.50 - 2.00
5C-00049	10069	Pb-212	1.67	0.024	0.068	2.69		0.50 - 2.00
5C-00049	10069	Pb-214	0.96	0.026	0.033	1.7		0.50 - 2.00
5C-00049	10069	Pu-236	0.161	0.004	0.015	7.79		0.50 - 2.00
5C-00049	10069	Pu-236	-0.0005	0.0058	0.0013	7.79	U	0.50 - 2.00
5C-00049	10069	Pu-238	0.0017	0.0051	0.0015	0.0415	U	0.50 - 2.00
5C-00049	10069	Pu-239/240	-0.0011	0.006	0.0012	0.0404	U	0.50 - 2.00
5C-00049	10069	Pu-244	-0.0006	0.0051	0.001	0.0313	U	0.50 - 2.00
5C-00049	10069	Rn-220	1.31	0.02	0.1	--		0.50 - 2.00
5C-00049	10069	Rn-222	0.927	0.026	0.047	--		0.50 - 2.00
5C-00049	10069	Sb-125	0.155	0.042	0.011	0.354		0.50 - 2.00
5C-00049	10069	Sn-126	-0.0004	0.017	0.0052	0.0237	U	0.50 - 2.00
5C-00049	10069	Sr-90	-0.023	0.06	0.017	0.485	U	0.50 - 2.00
5C-00049	10069	Te-125m	0.0358	0.0098	0.0024	0.0838		0.50 - 2.00
5C-00049	10069	Th-228	1.3	0.003	0.067	3.98		0.50 - 2.00
5C-00049	10069	Th-229	0.0076	0.0059	0.0025	0.145		0.50 - 2.00
5C-00049	10069	Th-230	0.824	0.003	0.047	2.2		0.50 - 2.00
5C-00049	10069	Th-232	1.31	0.003	0.068	3.1		0.50 - 2.00
5C-00049	10069	Th-234	1.67	0.15	0.09	3.19	R	0.50 - 2.00
5C-00049	10069	Tl-208	0.519	0.018	0.019	0.937		0.50 - 2.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00049	10069	Tm-171	-1.6	6.4	1.9	72.4	U	0.50 - 2.00
5C-00049	10069	U-233/234	0.859	0.009	0.049	2.02		0.50 - 2.00
5C-00049	10069	U-235/236	0.0592	0.0042	0.0099	0.151		0.50 - 2.00
5C-00049	10069	U-238	0.905	0.009	0.051	1.8		0.50 - 2.00
5C-00050	10070	Ac-227	0.04	0.14	0.054	0.217	U	0.00 - 0.50
5C-00050	10070	Ac-228	1.26	0.082	0.044	2.4		0.00 - 0.50
5C-00050	10070	Ag-108	-0.0016	0.0015	0.0005	--	R	0.00 - 0.50
5C-00050	10070	Ag-108m	-0.0171	0.016	0.005	--	R	0.00 - 0.50
5C-00050	10070	Am-241	0	0.0095	0.0023	0.0454	U	0.00 - 0.50
5C-00050	10070	Ba-133	-0.063	0.02	0.0068	--	R	0.00 - 0.50
5C-00050	10070	Ba-137m	0.0042	0.011	0.0033	--	U	0.00 - 0.50
5C-00050	10070	Bi-212	1.07	0.13	0.079	2.15		0.00 - 0.50
5C-00050	10070	Bi-214	0.973	0.027	0.035	1.59		0.00 - 0.50
5C-00050	10070	Cd-113m	0.8	40	12	3030	U	0.00 - 0.50
5C-00050	10070	Cf-249	0.0032	0.063	0.0037	--	U	0.00 - 0.50
5C-00050	10070	Cm-243/244	0	0.0023	0.001	0.0443	U	0.00 - 0.50
5C-00050	10070	Cm-245/246	-0.0033	0.011	0.0023	0.0401	U	0.00 - 0.50
5C-00050	10070	Cm-247/248	0.0016	0.006	0.0017	0.0306	U	0.00 - 0.50
5C-00050	10070	Co-60	0.0004	0.017	0.0051	0.028	U	0.00 - 0.50
5C-00050	10070	Cs-134	0.0181	0.056	0.0065	0.0864	U	0.00 - 0.50
5C-00050	10070	Cs-137	0.0044	0.011	0.0034	0.207	U	0.00 - 0.50
5C-00050	10070	Eu-152	-0.004	0.038	0.012	0.0566	U	0.00 - 0.50
5C-00050	10070	Eu-154	0.013	0.1	0.03	0.15	U	0.00 - 0.50
5C-00050	10070	Eu-155	0.087	0.036	0.015	0.231		0.00 - 0.50
5C-00050	10070	Ho-166m	0.008	0.025	0.0064	0.0432	UJ	0.00 - 0.50
5C-00050	10070	K-40	18.4	0.16	0.56	32.4		0.00 - 0.50
5C-00050	10070	Na-22	0	0.025	0.0048	0.037	U	0.00 - 0.50
5C-00050	10070	Nb-94	0.0076	0.015	0.0045	0.0214		0.00 - 0.50
5C-00050	10070	Np-236	0.0008	0.03	0.0092	0.047	U	0.00 - 0.50
5C-00050	10070	Np-239	-0.01	0.087	0.026	0.139	U	0.00 - 0.50
5C-00050	10070	Pa-231	0.03	0.59	0.18	0.936	U	0.00 - 0.50
5C-00050	10070	Pb-212	1.57	0.024	0.048	2.69		0.00 - 0.50
5C-00050	10070	Pb-214	1.02	0.027	0.043	1.7		0.00 - 0.50
5C-00050	10070	Pu-236	-0.0018	0.0069	0.001	7.79	U	0.00 - 0.50
5C-00050	10070	Pu-238	-0.0002	0.0055	0.001	0.0415	U	0.00 - 0.50
5C-00050	10070	Pu-239/240	0.0008	0.002	0.0008	0.0404	U	0.00 - 0.50
5C-00050	10070	Pu-244	0.0023	0.002	0.0013	0.0313		0.00 - 0.50
5C-00050	10070	Rn-220	1.32	0.024	0.092	--		0.00 - 0.50
5C-00050	10070	Rn-222	0.995	0.027	0.056	--		0.00 - 0.50
5C-00050	10070	Sb-125	0.152	0.044	0.012	0.354		0.00 - 0.50
5C-00050	10070	Sn-126	0.0019	0.016	0.0049	0.0237	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00050	10070	Sr-90	0.01	0.056	0.016	0.485	U	0.00 - 0.50
5C-00050	10070	Te-125m	0.0351	0.01	0.0027	0.0838		0.00 - 0.50
5C-00050	10070	Th-228	1.37	0.014	0.071	3.98		0.00 - 0.50
5C-00050	10070	Th-229	0.0111	0.0043	0.0042	0.145		0.00 - 0.50
5C-00050	10070	Th-230	0.973	0.003	0.054	2.2		0.00 - 0.50
5C-00050	10070	Th-232	1.32	0.003	0.069	3.1		0.00 - 0.50
5C-00050	10070	Th-234	0.491	0.17	0.054	3.19	R	0.00 - 0.50
5C-00050	10070	Tl-208	0.513	0.02	0.02	0.937		0.00 - 0.50
5C-00050	10070	Tm-171	-6.8	5.4	1.7	72.4	R	0.00 - 0.50
5C-00050	10070	U-233/234	0.84	0.002	0.044	2.02		0.00 - 0.50
5C-00050	10070	U-235/236	0.0481	0.0072	0.0073	0.151		0.00 - 0.50
5C-00050	10070	U-238	0.807	0.002	0.042	1.8		0.00 - 0.50
5C-00050	10071	Ac-227	0.057	0.15	0.047	0.217	U	1.00 - 5.00
5C-00050	10071	Ac-228	1.29	0.086	0.048	2.4		1.00 - 5.00
5C-00050	10071	Ag-108	-0.0015	0.0016	0.0005	--	R	1.00 - 5.00
5C-00050	10071	Ag-108m	-0.0165	0.017	0.0052	--	R	1.00 - 5.00
5C-00050	10071	Am-241	0.0081	0.012	0.0043	0.0454		1.00 - 5.00
5C-00050	10071	Ba-133	-0.0202	0.021	0.0064	--	R	1.00 - 5.00
5C-00050	10071	Ba-137m	0.0062	0.017	0.0052	--	U	1.00 - 5.00
5C-00050	10071	Bi-212	1.08	0.13	0.075	2.15		1.00 - 5.00
5C-00050	10071	Bi-214	0.928	0.03	0.035	1.59		1.00 - 5.00
5C-00050	10071	Cd-113m	8	43	13	3030	U	1.00 - 5.00
5C-00050	10071	Cf-249	0.0006	0.075	0.022	--	U	1.00 - 5.00
5C-00050	10071	Cm-243/244	-0.0011	0.02	0.0052	0.0443	U	1.00 - 5.00
5C-00050	10071	Cm-245/246	0	0.014	0.0029	0.0401	U	1.00 - 5.00
5C-00050	10071	Cm-245/246	0	0.0047	0.0019	0.0401	U	1.00 - 5.00
5C-00050	10071	Cm-247/248	0	0.014	0.0029	0.0306	U	1.00 - 5.00
5C-00050	10071	Cm-247/248	0.0017	0.0046	0.0017	0.0306	U	1.00 - 5.00
5C-00050	10071	Co-60	0	0.023	0.0047	0.028	U	1.00 - 5.00
5C-00050	10071	Cs-134	0.0132	0.056	0.0039	0.0864	U	1.00 - 5.00
5C-00050	10071	Cs-137	0.0065	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00050	10071	Eu-152	-0.0011	0.042	0.0029	0.0566	U	1.00 - 5.00
5C-00050	10071	Eu-154	0.011	0.12	0.018	0.15	U	1.00 - 5.00
5C-00050	10071	Eu-155	0.105	0.034	0.014	0.231	J	1.00 - 5.00
5C-00050	10071	Ho-166m	0.0471	0.029	0.0065	0.0432		1.00 - 5.00
5C-00050	10071	K-40	19.9	0.14	0.61	32.4		1.00 - 5.00
5C-00050	10071	Na-22	-0.0002	0.026	0.0078	0.037	U	1.00 - 5.00
5C-00050	10071	Nb-94	0.0061	0.016	0.0049	0.0214	U	1.00 - 5.00
5C-00050	10071	Np-236	0.006	0.034	0.01	0.047	U	1.00 - 5.00
5C-00050	10071	Np-239	0.0002	0.092	0.028	0.139	U	1.00 - 5.00
5C-00050	10071	Pa-231	0.03	0.65	0.2	0.936	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00050	10071	Pb-212	1.72	0.025	0.07	2.69		1.00 - 5.00
5C-00050	10071	Pb-214	1.04	0.027	0.036	1.7		1.00 - 5.00
5C-00050	10071	Pu-236	-0.0013	0.006	0.001	7.79	U	1.00 - 5.00
5C-00050	10071	Pu-238	0.0045	0.0053	0.002	0.0415		1.00 - 5.00
5C-00050	10071	Pu-239/240	0.0015	0.0036	0.0011	0.0404		1.00 - 5.00
5C-00050	10071	Pu-244	0.0005	0.0013	0.0005	0.0313	U	1.00 - 5.00
5C-00050	10071	Rn-220	1.4	0.03	0.1	--		1.00 - 5.00
5C-00050	10071	Rn-222	0.983	0.027	0.05	--		1.00 - 5.00
5C-00050	10071	Sb-125	0.184	0.036	0.015	0.354		1.00 - 5.00
5C-00050	10071	Sn-126	0.0014	0.018	0.0054	0.0237	U	1.00 - 5.00
5C-00050	10071	Sr-90	-0.004	0.069	0.02	0.485	U	1.00 - 5.00
5C-00050	10071	Te-125m	0.0425	0.0083	0.0034	0.0838		1.00 - 5.00
5C-00050	10071	Th-228	1.39	0.01	0.07	3.98		1.00 - 5.00
5C-00050	10071	Th-229	0.0057	0.02	0.0059	0.145	U	1.00 - 5.00
5C-00050	10071	Th-230	0.906	0.003	0.049	2.2		1.00 - 5.00
5C-00050	10071	Th-232	1.39	0.003	0.07	3.1		1.00 - 5.00
5C-00050	10071	Th-234	0.688	0.17	0.059	3.19	J R	1.00 - 5.00
5C-00050	10071	Tl-208	0.502	0.019	0.019	0.937		1.00 - 5.00
5C-00050	10071	Tm-171	6.9	5.5	2.2	72.4		1.00 - 5.00
5C-00050	10071	U-233/234	0.861	0.008	0.047	2.02		1.00 - 5.00
5C-00050	10071	U-235/236	0.0419	0.0096	0.0079	0.151		1.00 - 5.00
5C-00050	10071	U-238	0.843	0.003	0.046	1.8		1.00 - 5.00
5C-00051	10072	Ac-227	0.0032	0.15	0.0041	0.217	U	0.00 - 0.50
5C-00051	10072	Ac-228	1.21	0.096	0.046	2.4		0.00 - 0.50
5C-00051	10072	Ag-108	-0.0014	0.0016	0.0005	--	UL	0.00 - 0.50
5C-00051	10072	Ag-108m	-0.0154	0.017	0.0053	--	UL	0.00 - 0.50
5C-00051	10072	Am-241	0.0021	0.0064	0.0019	0.0454	U	0.00 - 0.50
5C-00051	10072	Ba-133	-0.0607	0.021	0.0071	--	R	0.00 - 0.50
5C-00051	10072	Ba-137m	0.0208	0.013	0.0057	--		0.00 - 0.50
5C-00051	10072	Bi-212	1.04	0.13	0.08	2.15		0.00 - 0.50
5C-00051	10072	Bi-214	0.997	0.03	0.037	1.59		0.00 - 0.50
5C-00051	10072	Cd-113m	-2	43	13	3030	U	0.00 - 0.50
5C-00051	10072	Cf-249	0.02	0.069	0.021	--	U	0.00 - 0.50
5C-00051	10072	Cm-243/244	0.0007	0.0081	0.0021	0.0443	U	0.00 - 0.50
5C-00051	10072	Cm-245/246	-0.0048	0.016	0.0033	0.0401	U	0.00 - 0.50
5C-00051	10072	Cm-247/248	0.0024	0.0032	0.0017	0.0306	U	0.00 - 0.50
5C-00051	10072	Co-60	0.0045	0.02	0.0029	0.028	U	0.00 - 0.50
5C-00051	10072	Cs-134	0.0154	0.059	0.0044	0.0864	U	0.00 - 0.50
5C-00051	10072	Cs-137	0.022	0.014	0.006	0.207		0.00 - 0.50
5C-00051	10072	Eu-152	0.0022	0.039	0.0019	0.0566	U	0.00 - 0.50
5C-00051	10072	Eu-154	-0.03	0.11	0.034	0.15	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00051	10072	Eu-155	0.023	0.037	0.011	0.231		0.00 - 0.50
5C-00051	10072	Ho-166m	0.0007	0.028	0.0004	0.0432	UJ	0.00 - 0.50
5C-00051	10072	K-40	20.7	0.17	0.63	32.4		0.00 - 0.50
5C-00051	10072	Na-22	0.0023	0.025	0.0076	0.037	U	0.00 - 0.50
5C-00051	10072	Nb-94	0.0051	0.015	0.0046	0.0214	U	0.00 - 0.50
5C-00051	10072	Np-236	-0.0008	0.026	0.0077	0.047	U	0.00 - 0.50
5C-00051	10072	Np-239	0.003	0.091	0.027	0.139	U	0.00 - 0.50
5C-00051	10072	Pa-231	-0.12	0.63	0.19	0.936	U	0.00 - 0.50
5C-00051	10072	Pb-212	1.37	0.03	0.043	2.69		0.00 - 0.50
5C-00051	10072	Pb-214	1.11	0.029	0.048	1.7		0.00 - 0.50
5C-00051	10072	Pu-236	-0.0026	0.012	0.0017	7.79	U	0.00 - 0.50
5C-00051	10072	Pu-238	-0.0025	0.012	0.0016	0.0415	U	0.00 - 0.50
5C-00051	10072	Pu-239/240	0.0014	0.0038	0.0014	0.0404	U	0.00 - 0.50
5C-00051	10072	Pu-244	0	0.0038	0.0012	0.0313	U	0.00 - 0.50
5C-00051	10072	Rn-220	1.2	0.03	0.091	--		0.00 - 0.50
5C-00051	10072	Rn-222	1.06	0.029	0.06	--		0.00 - 0.50
5C-00051	10072	Sb-125	0.126	0.047	0.011	0.354		0.00 - 0.50
5C-00051	10072	Sn-126	0.0022	0.017	0.0051	0.0237	U	0.00 - 0.50
5C-00051	10072	Sr-90	0.026	0.07	0.021	0.485	U	0.00 - 0.50
5C-00051	10072	Te-125m	0.029	0.011	0.0026	0.0838		0.00 - 0.50
5C-00051	10072	Th-228	1.1	0.015	0.057	3.98		0.00 - 0.50
5C-00051	10072	Th-229	0.0013	0.019	0.0052	0.145	U	0.00 - 0.50
5C-00051	10072	Th-230	0.901	0.008	0.049	2.2		0.00 - 0.50
5C-00051	10072	Th-232	1.02	0.003	0.054	3.1		0.00 - 0.50
5C-00051	10072	Th-234	1.67	0.17	0.09	3.19	R	0.00 - 0.50
5C-00051	10072	Tl-208	0.494	0.02	0.019	0.937		0.00 - 0.50
5C-00051	10072	Tm-171	-2.8	7	2.1	72.4	U	0.00 - 0.50
5C-00051	10072	U-233/234	0.85	0.011	0.043	2.02		0.00 - 0.50
5C-00051	10072	U-235/236	0.0362	0.0065	0.006	0.151		0.00 - 0.50
5C-00051	10072	U-238	0.841	0.005	0.043	1.8		0.00 - 0.50
5C-00051	10073	Ac-227	0.051	0.12	0.014	0.217	U	1.00 - 4.00
5C-00051	10073	Ac-228	1.23	0.061	0.04	2.4		1.00 - 4.00
5C-00051	10073	Ag-108	-0.0008	0.0011	0.0003	--	UL	1.00 - 4.00
5C-00051	10073	Ag-108m	-0.0091	0.011	0.0035	--	UL	1.00 - 4.00
5C-00051	10073	Am-241	0.003	0.0073	0.0023	0.0454		1.00 - 4.00
5C-00051	10073	Ba-133	-0.012	0.014	0.0044	--	UJ	1.00 - 4.00
5C-00051	10073	Ba-137m	0	0.014	0.002	--	U	1.00 - 4.00
5C-00051	10073	Bi-212	1.01	0.096	0.062	2.15		1.00 - 4.00
5C-00051	10073	Bi-214	0.902	0.019	0.03	1.59		1.00 - 4.00
5C-00051	10073	Cd-113m	3.4	29	8.6	3030	U	1.00 - 4.00
5C-00051	10073	Cf-249	0.0051	0.052	0.0033	--	U	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00051	10073	Cm-243/244	-0.0039	0.014	0.003	0.0443	U	1.00 - 4.00
5C-00051	10073	Cm-245/246	0.0011	0.0084	0.0021	0.0401	U	1.00 - 4.00
5C-00051	10073	Cm-247/248	0	0.003	0.0013	0.0306	U	1.00 - 4.00
5C-00051	10073	Co-60	0.0017	0.014	0.0032	0.028	U	1.00 - 4.00
5C-00051	10073	Cs-134	0.0126	0.039	0.0043	0.0864	U	1.00 - 4.00
5C-00051	10073	Cs-137	0	0.015	0.0022	0.207	U	1.00 - 4.00
5C-00051	10073	Eu-152	-0.0022	0.032	0.004	0.0566	U	1.00 - 4.00
5C-00051	10073	Eu-154	-0.044	0.075	0.023	0.15	U	1.00 - 4.00
5C-00051	10073	Eu-155	0.063	0.028	0.011	0.231	J	1.00 - 4.00
5C-00051	10073	Ho-166m	0.0109	0.02	0.0046	0.0432		1.00 - 4.00
5C-00051	10073	K-40	19.2	0.12	0.57	32.4		1.00 - 4.00
5C-00051	10073	Na-22	0.0001	0.015	0.0044	0.037	U	1.00 - 4.00
5C-00051	10073	Nb-94	0.006	0.011	0.0033	0.0214		1.00 - 4.00
5C-00051	10073	Np-236	0.0102	0.026	0.0078	0.047	U	1.00 - 4.00
5C-00051	10073	Np-239	0.024	0.058	0.018	0.139	U	1.00 - 4.00
5C-00051	10073	Pa-231	0.07	0.49	0.058	0.936	U	1.00 - 4.00
5C-00051	10073	Pb-212	1.49	0.02	0.06	2.69		1.00 - 4.00
5C-00051	10073	Pb-214	1.04	0.024	0.034	1.7		1.00 - 4.00
5C-00051	10073	Pu-236	-0.0007	0.0048	0.0007	7.79	U	1.00 - 4.00
5C-00051	10073	Pu-238	0.0043	0.005	0.0019	0.0415		1.00 - 4.00
5C-00051	10073	Pu-239/240	-0.0011	0.0058	0.0012	0.0404	U	1.00 - 4.00
5C-00051	10073	Pu-244	0	0.0014	0.0006	0.0313	U	1.00 - 4.00
5C-00051	10073	Rn-220	1.25	0.02	0.086	--		1.00 - 4.00
5C-00051	10073	Rn-222	0.971	0.019	0.045	--		1.00 - 4.00
5C-00051	10073	Sb-125	0.147	0.023	0.01	0.354		1.00 - 4.00
5C-00051	10073	Sn-126	0.002	0.013	0.0038	0.0237	U	1.00 - 4.00
5C-00051	10073	Sr-90	0.003	0.062	0.018	0.485	U	1.00 - 4.00
5C-00051	10073	Te-125m	0.0339	0.0054	0.0024	0.0838		1.00 - 4.00
5C-00051	10073	Th-228	1.37	0.016	0.07	3.98		1.00 - 4.00
5C-00051	10073	Th-229	0.0113	0.0028	0.0035	0.145		1.00 - 4.00
5C-00051	10073	Th-230	1.14	0.008	0.06	2.2		1.00 - 4.00
5C-00051	10073	Th-232	1.32	0.008	0.067	3.1		1.00 - 4.00
5C-00051	10073	Th-234	1.53	0.13	0.079	3.19	J R	1.00 - 4.00
5C-00051	10073	Tl-208	0.446	0.013	0.016	0.937		1.00 - 4.00
5C-00051	10073	Tm-171	0.07	5.3	1.6	72.4	U	1.00 - 4.00
5C-00051	10073	U-233/234	0.944	0.011	0.054	2.02		1.00 - 4.00
5C-00051	10073	U-235/236	0.0428	0.013	0.0093	0.151		1.00 - 4.00
5C-00051	10073	U-238	0.912	0.004	0.053	1.8		1.00 - 4.00
5C-00052	10074	Ac-227	0.054	0.063	0.014	0.217		0.00 - 0.50
5C-00052	10074	Ac-228	0.978	0.052	0.032	2.4		0.00 - 0.50
5C-00052	10074	Ag-108	-0.0006	0.0009	0.0003	--	L U R	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00052	10074	Ag-108m	-0.0067	0.01	0.0031	--	L U R	0.00 - 0.50
5C-00052	10074	Am-241	-0.001	0.0073	0.0011	0.0454	U	0.00 - 0.50
5C-00052	10074	Ba-133	-0.0128	0.012	0.0039	--	R U	0.00 - 0.50
5C-00052	10074	Ba-137m	0.0148	0.007	0.003	--		0.00 - 0.50
5C-00052	10074	Bi-212	0.794	0.082	0.048	2.15		0.00 - 0.50
5C-00052	10074	Bi-214	0.69	0.016	0.023	1.59		0.00 - 0.50
5C-00052	10074	Cd-113m	-6.9	30	9.2	3030	U	0.00 - 0.50
5C-00052	10074	Cf-249	0.028	0.042	0.013	--	R	0.00 - 0.50
5C-00052	10074	Cm-243/244	-0.001	0.0071	0.0011	0.0443	U	0.00 - 0.50
5C-00052	10074	Cm-245/246	0.0027	0.0037	0.0019	0.0401	J	0.00 - 0.50
5C-00052	10074	Cm-247/248	0	0.0036	0.0012	0.0306	U J	0.00 - 0.50
5C-00052	10074	Co-60	-0.0001	0.012	0.0036	0.028	U	0.00 - 0.50
5C-00052	10074	Cs-134	0.0012	0.033	0.0039	0.0864	U	0.00 - 0.50
5C-00052	10074	Cs-137	0.0156	0.0075	0.0031	0.207		0.00 - 0.50
5C-00052	10074	Eu-152	0.0047	0.026	0.0025	0.0566	U	0.00 - 0.50
5C-00052	10074	Eu-154	-0.023	0.073	0.022	0.15	U	0.00 - 0.50
5C-00052	10074	Eu-155	0.073	0.026	0.011	0.231	S K	0.00 - 0.50
5C-00052	10074	Ho-166m	0.0083	0.017	0.0047	0.0432	S K	0.00 - 0.50
5C-00052	10074	K-40	19.7	0.11	0.58	32.4		0.00 - 0.50
5C-00052	10074	Na-22	-0.0051	0.016	0.0049	0.037	U	0.00 - 0.50
5C-00052	10074	Nb-94	0.0099	0.0076	0.0035	0.0214	S K	0.00 - 0.50
5C-00052	10074	Np-236	-0.0001	0.02	0.0059	0.047	U	0.00 - 0.50
5C-00052	10074	Np-239	-0.01	0.063	0.019	0.139	U	0.00 - 0.50
5C-00052	10074	Pa-231	0.1	0.4	0.12	0.936	U	0.00 - 0.50
5C-00052	10074	Pb-212	1.31	0.018	0.053	2.69		0.00 - 0.50
5C-00052	10074	Pb-214	0.751	0.019	0.025	1.7		0.00 - 0.50
5C-00052	10074	Pu-236	-0.0022	0.011	0.0028	7.79	U	0.00 - 0.50
5C-00052	10074	Pu-238	-0.0016	0.0064	0.0013	0.0415	U	0.00 - 0.50
5C-00052	10074	Pu-239/240	0.0022	0.0015	0.0011	0.0404		0.00 - 0.50
5C-00052	10074	Pu-244	0.0005	0.0014	0.0005	0.0313	U	0.00 - 0.50
5C-00052	10074	Rn-220	1.05	0.018	0.071	--		0.00 - 0.50
5C-00052	10074	Rn-222	0.72	0.016	0.034	--		0.00 - 0.50
5C-00052	10074	Sb-125	0.125	0.028	0.012	0.354	S K	0.00 - 0.50
5C-00052	10074	Sn-126	0.0008	0.0094	0.0028	0.0237	U	0.00 - 0.50
5C-00052	10074	Sr-90	0.017	0.055	0.017	0.485	U	0.00 - 0.50
5C-00052	10074	Te-125m	0.0288	0.0064	0.0027	0.0838	S K	0.00 - 0.50
5C-00052	10074	Th-228	0.987	0.013	0.05	3.98	J	0.00 - 0.50
5C-00052	10074	Th-229	0.0026	0.0083	0.0025	0.145	U	0.00 - 0.50
5C-00052	10074	Th-230	0.634	0.006	0.035	2.2	J	0.00 - 0.50
5C-00052	10074	Th-232	0.964	0.01	0.049	3.1	J	0.00 - 0.50
5C-00052	10074	Th-234	1.27	0.11	0.067	3.19	R	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00052	10074	Tl-208	0.386	0.012	0.014	0.937		0.00 - 0.50
5C-00052	10074	Tm-171	-0.02	4.9	1.5	72.4	U	0.00 - 0.50
5C-00052	10074	U-233/234	0.727	0.008	0.041	2.02		0.00 - 0.50
5C-00052	10074	U-235/236	0.0318	0.0036	0.0066	0.151		0.00 - 0.50
5C-00052	10074	U-238	0.705	0.003	0.04	1.8		0.00 - 0.50
5C-00052	10075	Ac-227	0.001	0.13	0.04	0.217	U	1.00 - 3.00
5C-00052	10075	Ac-228	1.32	0.083	0.048	2.4		1.00 - 3.00
5C-00052	10075	Ag-108	-0.0014	0.0016	0.0005	--	UL	1.00 - 3.00
5C-00052	10075	Ag-108m	-0.0153	0.018	0.0054	--	UL	1.00 - 3.00
5C-00052	10075	Am-241	0.0009	0.01	0.0026	0.0454	U	1.00 - 3.00
5C-00052	10075	Ba-133	0.0273	0.018	0.0047	--	J	1.00 - 3.00
5C-00052	10075	Ba-137m	-0.0062	0.018	0.0054	--	U	1.00 - 3.00
5C-00052	10075	Bi-212	1.06	0.15	0.094	2.15		1.00 - 3.00
5C-00052	10075	Bi-214	0.966	0.03	0.036	1.59		1.00 - 3.00
5C-00052	10075	Cd-113m	-4	48	14	3030	U	1.00 - 3.00
5C-00052	10075	Cf-249	-0.126	0.079	0.025	--	R	1.00 - 3.00
5C-00052	10075	Cm-243/244	0	0.0067	0.0014	0.0443	U	1.00 - 3.00
5C-00052	10075	Cm-245/246	0.0009	0.0069	0.0017	0.0401	U	1.00 - 3.00
5C-00052	10075	Cm-247/248	0.0009	0.0068	0.0017	0.0306	U	1.00 - 3.00
5C-00052	10075	Co-60	0.0013	0.018	0.0013	0.028	U	1.00 - 3.00
5C-00052	10075	Cs-134	0.011	0.064	0.0035	0.0864	U	1.00 - 3.00
5C-00052	10075	Cs-137	-0.0066	0.019	0.0057	0.207	U	1.00 - 3.00
5C-00052	10075	Eu-152	0.016	0.046	0.015	0.0566	U	1.00 - 3.00
5C-00052	10075	Eu-154	-0.042	0.11	0.034	0.15	U	1.00 - 3.00
5C-00052	10075	Eu-155	0.074	0.05	0.021	0.231	J	1.00 - 3.00
5C-00052	10075	Ho-166m	0.0108	0.021	0.0072	0.0432		1.00 - 3.00
5C-00052	10075	K-40	18.4	0.14	0.57	32.4		1.00 - 3.00
5C-00052	10075	Na-22	0.0081	0.023	0.007	0.037	U	1.00 - 3.00
5C-00052	10075	Nb-94	0.0047	0.015	0.0046	0.0214	U	1.00 - 3.00
5C-00052	10075	Np-236	-0.009	0.041	0.012	0.047	U	1.00 - 3.00
5C-00052	10075	Np-239	0.039	0.094	0.029	0.139	U	1.00 - 3.00
5C-00052	10075	Pa-231	-0.12	0.7	0.21	0.936	U	1.00 - 3.00
5C-00052	10075	Pb-212	1.36	0.034	0.044	2.69		1.00 - 3.00
5C-00052	10075	Pb-214	0.959	0.028	0.041	1.7		1.00 - 3.00
5C-00052	10075	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 3.00
5C-00052	10075	Pu-238	-0.0017	0.0069	0.0014	0.0415	U	1.00 - 3.00
5C-00052	10075	Pu-239/240	0.0006	0.0053	0.0013	0.0404	U	1.00 - 3.00
5C-00052	10075	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 3.00
5C-00052	10075	Rn-220	1.21	0.03	0.1	--		1.00 - 3.00
5C-00052	10075	Rn-222	0.963	0.028	0.054	--		1.00 - 3.00
5C-00052	10075	Sb-125	0.153	0.047	0.013	0.354		1.00 - 3.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00052	10075	Sn-126	0.0055	0.017	0.0051	0.0237	U	1.00 - 3.00
5C-00052	10075	Sr-90	0.023	0.059	0.018	0.485	U	1.00 - 3.00
5C-00052	10075	Te-125m	0.0353	0.011	0.003	0.0838		1.00 - 3.00
5C-00052	10075	Th-228	1.23	0.012	0.063	3.98		1.00 - 3.00
5C-00052	10075	Th-229	0.0087	0.0026	0.0029	0.145		1.00 - 3.00
5C-00052	10075	Th-230	0.862	0.003	0.047	2.2		1.00 - 3.00
5C-00052	10075	Th-232	1.18	0.003	0.061	3.1		1.00 - 3.00
5C-00052	10075	Th-234	1.5	0.23	0.088	3.19	J R	1.00 - 3.00
5C-00052	10075	Tl-208	0.497	0.018	0.019	0.937		1.00 - 3.00
5C-00052	10075	Tm-171	-7.6	10	3.1	72.4	UL	1.00 - 3.00
5C-00052	10075	U-233/234	0.871	0.019	0.053	2.02	K	1.00 - 3.00
5C-00052	10075	U-235/236	0.05	0.005	0.01	0.151	K	1.00 - 3.00
5C-00052	10075	U-238	0.902	0.017	0.054	1.8	K	1.00 - 3.00
5C-00053	10076	Ac-227	0.02	0.12	0.034	0.217	U	0.00 - 0.50
5C-00053	10076	Ac-228	1.25	0.068	0.044	2.4		0.00 - 0.50
5C-00053	10076	Ag-108	-0.0009	0.0012	0.0004	--	UL	0.00 - 0.50
5C-00053	10076	Ag-108m	-0.0099	0.013	0.0039	--	UL	0.00 - 0.50
5C-00053	10076	Am-241	-0.0011	0.013	0.003	0.0454	U	0.00 - 0.50
5C-00053	10076	Ba-133	-0.0871	0.02	0.0072	--	R	0.00 - 0.50
5C-00053	10076	Ba-137m	-0.0058	0.014	0.0041	--	U	0.00 - 0.50
5C-00053	10076	Bi-212	1.03	0.12	0.08	2.15		0.00 - 0.50
5C-00053	10076	Bi-214	0.744	0.022	0.029	1.59		0.00 - 0.50
5C-00053	10076	Cd-113m	6	35	11	3030	U	0.00 - 0.50
5C-00053	10076	Cf-249	-0.015	0.058	0.018	--	U	0.00 - 0.50
5C-00053	10076	Cm-243/244	-0.0021	0.0096	0.0016	0.0443	U	0.00 - 0.50
5C-00053	10076	Cm-245/246	0.0048	0.0033	0.0024	0.0401		0.00 - 0.50
5C-00053	10076	Cm-247/248	0.0012	0.0087	0.0021	0.0306	U	0.00 - 0.50
5C-00053	10076	Co-60	-0.0029	0.017	0.005	0.028	U	0.00 - 0.50
5C-00053	10076	Cs-134	0.0146	0.045	0.0033	0.0864	U	0.00 - 0.50
5C-00053	10076	Cs-137	-0.0061	0.014	0.0043	0.207	U	0.00 - 0.50
5C-00053	10076	Eu-152	-0.007	0.033	0.01	0.0566	U	0.00 - 0.50
5C-00053	10076	Eu-154	0.0059	0.084	0.0073	0.15	U	0.00 - 0.50
5C-00053	10076	Eu-155	0.086	0.033	0.014	0.231		0.00 - 0.50
5C-00053	10076	Ho-166m	0.0008	0.021	0.0008	0.0432	U	0.00 - 0.50
5C-00053	10076	K-40	21.7	0.14	0.72	32.4		0.00 - 0.50
5C-00053	10076	Na-22	0.005	0.016	0.0049	0.037	U	0.00 - 0.50
5C-00053	10076	Nb-94	0.0022	0.012	0.0025	0.0214	U	0.00 - 0.50
5C-00053	10076	Np-236	-0.0084	0.026	0.0078	0.047	U	0.00 - 0.50
5C-00053	10076	Np-239	0.006	0.079	0.024	0.139	U	0.00 - 0.50
5C-00053	10076	Pa-231	0.0006	0.49	0.15	0.936	U	0.00 - 0.50
5C-00053	10076	Pb-212	1.63	0.022	0.086	2.69		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00053	10076	Pb-214	0.839	0.023	0.033	1.7		0.00 - 0.50
5C-00053	10076	Pu-236	0	0.0015	0.0006	7.79	U	0.00 - 0.50
5C-00053	10076	Pu-238	0	0.004	0.0008	0.0415	U	0.00 - 0.50
5C-00053	10076	Pu-239/240	-0.0005	0.004	0.0006	0.0404	U	0.00 - 0.50
5C-00053	10076	Pu-244	0.0033	0.0015	0.0013	0.0313		0.00 - 0.50
5C-00053	10076	Rn-220	1.33	0.02	0.12	--		0.00 - 0.50
5C-00053	10076	Rn-222	0.791	0.022	0.044	--		0.00 - 0.50
5C-00053	10076	Sb-125	0.135	0.037	0.01	0.354		0.00 - 0.50
5C-00053	10076	Sn-126	0	0.013	0.004	0.0237	U	0.00 - 0.50
5C-00053	10076	Sr-90	0.0123	0.029	0.0089	0.485	U	0.00 - 0.50
5C-00053	10076	Te-125m	0.0312	0.0086	0.0023	0.0838		0.00 - 0.50
5C-00053	10076	Th-228	1.29	0.014	0.064	3.98		0.00 - 0.50
5C-00053	10076	Th-229	0.0138	0.0099	0.0045	0.145		0.00 - 0.50
5C-00053	10076	Th-230	0.875	0.008	0.046	2.2		0.00 - 0.50
5C-00053	10076	Th-232	1.32	0.008	0.065	3.1		0.00 - 0.50
5C-00053	10076	Th-234	1.36	0.14	0.084	3.19	R	0.00 - 0.50
5C-00053	10076	Tl-208	0.481	0.015	0.019	0.937		0.00 - 0.50
5C-00053	10076	Tm-171	1	4.1	1.2	72.4	U	0.00 - 0.50
5C-00053	10076	U-233/234	0.672	0.012	0.041	2.02		0.00 - 0.50
5C-00053	10076	U-235/236	0.0326	0.011	0.0076	0.151		0.00 - 0.50
5C-00053	10076	U-238	0.626	0.003	0.038	1.8		0.00 - 0.50
5C-00053	10077	Ac-227	-0.038	0.12	0.038	0.217	U	1.00 - 4.00
5C-00053	10077	Ac-228	1.26	0.098	0.048	2.4		1.00 - 4.00
5C-00053	10077	Ag-108	-0.0014	0.0016	0.0005	--	UL	1.00 - 4.00
5C-00053	10077	Ag-108m	-0.0155	0.018	0.0054	--	UL	1.00 - 4.00
5C-00053	10077	Am-241	0.0027	0.0085	0.0025	0.0454	U	1.00 - 4.00
5C-00053	10077	Ba-133	0.0084	0.014	0.0051	--	J	1.00 - 4.00
5C-00053	10077	Ba-137m	0.0042	0.017	0.0052	--	U	1.00 - 4.00
5C-00053	10077	Bi-212	1.02	0.15	0.091	2.15		1.00 - 4.00
5C-00053	10077	Bi-214	1.06	0.029	0.038	1.59		1.00 - 4.00
5C-00053	10077	Cd-113m	2	36	11	3030	U	1.00 - 4.00
5C-00053	10077	Cf-249	0.0051	0.1	0.0036	--	U	1.00 - 4.00
5C-00053	10077	Cm-243/244	-0.0027	0.016	0.004	0.0443	U	1.00 - 4.00
5C-00053	10077	Cm-245/246	0.0034	0.0091	0.0028	0.0401		1.00 - 4.00
5C-00053	10077	Cm-247/248	0	0.0022	0.0009	0.0306	U	1.00 - 4.00
5C-00053	10077	Co-60	-0.0043	0.02	0.0058	0.028	U	1.00 - 4.00
5C-00053	10077	Cs-134	0.013	0.068	0.0051	0.0864	U	1.00 - 4.00
5C-00053	10077	Cs-137	0.0044	0.018	0.0055	0.207	U	1.00 - 4.00
5C-00053	10077	Eu-152	-0.016	0.042	0.013	0.0566	U	1.00 - 4.00
5C-00053	10077	Eu-154	-0.036	0.11	0.034	0.15	U	1.00 - 4.00
5C-00053	10077	Eu-155	0.104	0.05	0.021	0.231	J	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00053	10077	Ho-166m	-0.0003	0.024	0.0002	0.0432	U	1.00 - 4.00
5C-00053	10077	K-40	20.1	0.13	0.61	32.4		1.00 - 4.00
5C-00053	10077	Na-22	0.002	0.02	0.0059	0.037	U	1.00 - 4.00
5C-00053	10077	Nb-94	0.0063	0.016	0.0047	0.0214	U	1.00 - 4.00
5C-00053	10077	Np-236	-0.007	0.039	0.012	0.047	U	1.00 - 4.00
5C-00053	10077	Np-239	0.006	0.1	0.031	0.139	U	1.00 - 4.00
5C-00053	10077	Pa-231	0.02	0.71	0.21	0.936	U	1.00 - 4.00
5C-00053	10077	Pb-212	1.34	0.037	0.044	2.69		1.00 - 4.00
5C-00053	10077	Pb-214	1.13	0.029	0.048	1.7		1.00 - 4.00
5C-00053	10077	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 4.00
5C-00053	10077	Pu-238	0.0029	0.0036	0.0014	0.0415		1.00 - 4.00
5C-00053	10077	Pu-239/240	0.0005	0.0046	0.0011	0.0404	U	1.00 - 4.00
5C-00053	10077	Pu-244	0.001	0.0013	0.0007	0.0313	U	1.00 - 4.00
5C-00053	10077	Rn-220	1.18	0.04	0.1	--		1.00 - 4.00
5C-00053	10077	Rn-222	1.09	0.029	0.061	--		1.00 - 4.00
5C-00053	10077	Sb-125	0.15	0.049	0.013	0.354		1.00 - 4.00
5C-00053	10077	Sn-126	-0.0038	0.018	0.0054	0.0237	U	1.00 - 4.00
5C-00053	10077	Sr-90	-0.013	0.066	0.019	0.485	U	1.00 - 4.00
5C-00053	10077	Te-125m	0.0345	0.011	0.0029	0.0838		1.00 - 4.00
5C-00053	10077	Th-228	1.26	0.014	0.067	3.98		1.00 - 4.00
5C-00053	10077	Th-229	0.01	0.0082	0.0038	0.145		1.00 - 4.00
5C-00053	10077	Th-230	0.953	0.009	0.053	2.2		1.00 - 4.00
5C-00053	10077	Th-232	1.25	0.009	0.066	3.1		1.00 - 4.00
5C-00053	10077	Th-234	1.52	0.23	0.091	3.19	J R	1.00 - 4.00
5C-00053	10077	Tl-208	0.504	0.019	0.02	0.937		1.00 - 4.00
5C-00053	10077	Tm-171	-15.3	10	3.2	72.4	R	1.00 - 4.00
5C-00053	10077	U-233/234	0.953	0.013	0.058	2.02	K	1.00 - 4.00
5C-00053	10077	U-235/236	0.0411	0.0062	0.0098	0.151	K	1.00 - 4.00
5C-00053	10077	U-238	0.973	0.017	0.059	1.8	K	1.00 - 4.00
5C-00054	10078	Ac-227	0.012	0.15	0.026	0.217	U	0.00 - 0.50
5C-00054	10078	Ac-228	1.19	0.078	0.044	2.4		0.00 - 0.50
5C-00054	10078	Ag-108	-0.002	0.0015	0.0005	--	R U	0.00 - 0.50
5C-00054	10078	Ag-108m	-0.0216	0.016	0.0051	--	R U	0.00 - 0.50
5C-00054	10078	Am-241	0.0011	0.0082	0.002	0.0454	U	0.00 - 0.50
5C-00054	10078	Ba-133	-0.13	0.028	0.01	--	R U	0.00 - 0.50
5C-00054	10078	Ba-137m	0.0165	0.016	0.005	--		0.00 - 0.50
5C-00054	10078	Bi-212	1.04	0.12	0.073	2.15		0.00 - 0.50
5C-00054	10078	Bi-214	0.993	0.026	0.035	1.59		0.00 - 0.50
5C-00054	10078	Cd-113m	1	43	13	3030	U	0.00 - 0.50
5C-00054	10078	Cf-249	0.078	0.061	0.028	--	R	0.00 - 0.50
5C-00054	10078	Cm-243/244	0	0.012	0.0028	0.0443	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00054	10078	Cm-245/246	0.0029	0.0039	0.0021	0.0401	J	0.00 - 0.50
5C-00054	10078	Cm-247/248	-0.0009	0.0085	0.001	0.0306	U J	0.00 - 0.50
5C-00054	10078	Co-60	-0.0002	0.017	0.005	0.028	U	0.00 - 0.50
5C-00054	10078	Cs-134	0.0155	0.012	0.0052	0.0864	S K	0.00 - 0.50
5C-00054	10078	Cs-137	0.0174	0.017	0.0053	0.207		0.00 - 0.50
5C-00054	10078	Eu-152	-0.004	0.043	0.013	0.0566	U	0.00 - 0.50
5C-00054	10078	Eu-154	-0.043	0.11	0.033	0.15	U	0.00 - 0.50
5C-00054	10078	Eu-155	0.087	0.05	0.021	0.231	S K	0.00 - 0.50
5C-00054	10078	Ho-166m	0.0127	0.026	0.0046	0.0432	U	0.00 - 0.50
5C-00054	10078	K-40	19.5	0.12	0.59	32.4		0.00 - 0.50
5C-00054	10078	Na-22	-0.0002	0.024	0.0072	0.037	U	0.00 - 0.50
5C-00054	10078	Nb-94	0.0057	0.015	0.0029	0.0214	U	0.00 - 0.50
5C-00054	10078	Np-236	0.0006	0.04	0.012	0.047	U	0.00 - 0.50
5C-00054	10078	Np-239	0.025	0.091	0.027	0.139	U	0.00 - 0.50
5C-00054	10078	Pa-231	-0.05	0.6	0.18	0.936	U	0.00 - 0.50
5C-00054	10078	Pb-212	1.34	0.036	0.044	2.69		0.00 - 0.50
5C-00054	10078	Pb-214	1.06	0.03	0.046	1.7		0.00 - 0.50
5C-00054	10078	Pu-236	-0.0017	0.011	0.0029	7.79	U	0.00 - 0.50
5C-00054	10078	Pu-238	-0.0011	0.0053	0.0009	0.0415	U	0.00 - 0.50
5C-00054	10078	Pu-239/240	0.0052	0.0016	0.0017	0.0404		0.00 - 0.50
5C-00054	10078	Pu-244	0.0034	0.0015	0.0014	0.0313		0.00 - 0.50
5C-00054	10078	Rn-220	1.19	0.036	0.085	--		0.00 - 0.50
5C-00054	10078	Rn-222	1.02	0.026	0.058	--		0.00 - 0.50
5C-00054	10078	Sb-125	0.16	0.048	0.014	0.354	S K	0.00 - 0.50
5C-00054	10078	Sn-126	0.0054	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00054	10078	Sr-90	0.003	0.066	0.019	0.485	U	0.00 - 0.50
5C-00054	10078	Te-125m	0.0369	0.011	0.0032	0.0838	S K	0.00 - 0.50
5C-00054	10078	Th-228	1.2	0.011	0.061	3.98	J	0.00 - 0.50
5C-00054	10078	Th-229	0.0043	0.0079	0.0027	0.145		0.00 - 0.50
5C-00054	10078	Th-230	1	0.011	0.053	2.2	J	0.00 - 0.50
5C-00054	10078	Th-232	1.14	0.003	0.059	3.1	J	0.00 - 0.50
5C-00054	10078	Th-234	1.46	0.22	0.084	3.19	R	0.00 - 0.50
5C-00054	10078	Tl-208	0.478	0.021	0.02	0.937		0.00 - 0.50
5C-00054	10078	Tm-171	-7.1	12	3.6	72.4	U	0.00 - 0.50
5C-00054	10078	U-233/234	0.861	0.003	0.047	2.02		0.00 - 0.50
5C-00054	10078	U-235/236	0.0315	0.0036	0.0066	0.151		0.00 - 0.50
5C-00054	10078	U-238	0.873	0.003	0.048	1.8		0.00 - 0.50
5C-00054	10079	Ac-227	0.026	0.16	0.049	0.217	U	1.00 - 4.00
5C-00054	10079	Ac-228	1.43	0.088	0.049	2.4		1.00 - 4.00
5C-00054	10079	Ag-108	-0.0021	0.0015	0.0005	--	R U	1.00 - 4.00
5C-00054	10079	Ag-108m	-0.0223	0.017	0.0052	--	R U	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00054	10079	Am-241	0.0018	0.0081	0.0022	0.0454	U	1.00 - 4.00
5C-00054	10079	Ba-133	-0.0326	0.022	0.0069	--	R U	1.00 - 4.00
5C-00054	10079	Ba-137m	0.0005	0.017	0.0049	--	U	1.00 - 4.00
5C-00054	10079	Bi-212	1.11	0.16	0.099	2.15		1.00 - 4.00
5C-00054	10079	Bi-214	1.02	0.028	0.037	1.59	R	1.00 - 4.00
5C-00054	10079	Cd-113m	-3	41	12	3030	U	1.00 - 4.00
5C-00054	10079	Cf-249	0.018	0.059	0.018	--	U R	1.00 - 4.00
5C-00054	10079	Cm-243/244	0.0026	0.0093	0.0027	0.0443	U	1.00 - 4.00
5C-00054	10079	Cm-245/246	0.0018	0.0067	0.0019	0.0401	U J	1.00 - 4.00
5C-00054	10079	Cm-247/248	-0.0009	0.013	0.0032	0.0306	U J	1.00 - 4.00
5C-00054	10079	Co-60	-0.0029	0.021	0.0062	0.028	U	1.00 - 4.00
5C-00054	10079	Cs-134	0.0229	0.057	0.0069	0.0864	U	1.00 - 4.00
5C-00054	10079	Cs-137	0.0005	0.018	0.0052	0.207	U	1.00 - 4.00
5C-00054	10079	Eu-152	0.0047	0.039	0.0057	0.0566	U	1.00 - 4.00
5C-00054	10079	Eu-154	0.076	0.089	0.028	0.15	J R	1.00 - 4.00
5C-00054	10079	Eu-155	0.082	0.035	0.014	0.231	S K	1.00 - 4.00
5C-00054	10079	Ho-166m	0.0071	0.028	0.0086	0.0432	U	1.00 - 4.00
5C-00054	10079	K-40	18.5	0.15	0.57	32.4		1.00 - 4.00
5C-00054	10079	Na-22	-0.0013	0.027	0.0079	0.037	U	1.00 - 4.00
5C-00054	10079	Nb-94	0.0025	0.016	0.0048	0.0214	U	1.00 - 4.00
5C-00054	10079	Np-236	-0.0004	0.026	0.0078	0.047	U	1.00 - 4.00
5C-00054	10079	Np-239	-0.007	0.095	0.028	0.139	U	1.00 - 4.00
5C-00054	10079	Pa-231	-0.19	0.66	0.2	0.936	U	1.00 - 4.00
5C-00054	10079	Pb-212	1.76	0.026	0.072	2.69		1.00 - 4.00
5C-00054	10079	Pb-214	1.13	0.029	0.038	1.7		1.00 - 4.00
5C-00054	10079	Pu-236	0	0.0016	0.0007	7.79	U	1.00 - 4.00
5C-00054	10079	Pu-238	0.0012	0.0044	0.0012	0.0415	U	1.00 - 4.00
5C-00054	10079	Pu-239/240	0.0012	0.0044	0.0012	0.0404	U	1.00 - 4.00
5C-00054	10079	Pu-244	0.003	0.0016	0.0013	0.0313		1.00 - 4.00
5C-00054	10079	Rn-220	1.44	0.03	0.12	--		1.00 - 4.00
5C-00054	10079	Rn-222	1.07	0.028	0.053	--		1.00 - 4.00
5C-00054	10079	Sb-125	0.159	0.046	0.013	0.354	S K	1.00 - 4.00
5C-00054	10079	Sn-126	-0.0004	0.018	0.0053	0.0237	U	1.00 - 4.00
5C-00054	10079	Sr-90	0.036	0.059	0.018	0.485		1.00 - 4.00
5C-00054	10079	Te-125m	0.0368	0.011	0.003	0.0838	S K	1.00 - 4.00
5C-00054	10079	Th-228	1.5	0.008	0.073	3.98		1.00 - 4.00
5C-00054	10079	Th-229	0.0101	0.0034	0.0036	0.145		1.00 - 4.00
5C-00054	10079	Th-230	1.08	0.007	0.055	2.2		1.00 - 4.00
5C-00054	10079	Th-232	1.5	0.002	0.073	3.1		1.00 - 4.00
5C-00054	10079	Th-234	1.55	0.16	0.091	3.19	R	1.00 - 4.00
5C-00054	10079	Tl-208	0.544	0.02	0.021	0.937	J	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00054	10079	Tm-171	0.5	5.3	1.6	72.4	U	1.00 - 4.00
5C-00054	10079	U-233/234	0.706	0.009	0.038	2.02		1.00 - 4.00
5C-00054	10079	U-235/236	0.0275	0.0026	0.0052	0.151		1.00 - 4.00
5C-00054	10079	U-238	0.724	0.008	0.038	1.8		1.00 - 4.00
5C-00055	10080	Ac-227	0.046	0.17	0.025	0.217	U	0.50 - 1.90
5C-00055	10080	Ac-228	1.05	0.11	0.041	2.4		0.50 - 1.90
5C-00055	10080	Ag-108	-0.0011	0.0016	0.0005	--	UL	0.50 - 1.90
5C-00055	10080	Ag-108m	-0.0122	0.017	0.0053	--	UL	0.50 - 1.90
5C-00055	10080	Am-241	0.0013	0.0085	0.0024	0.0454	U	0.50 - 1.90
5C-00055	10080	Ba-133	-0.128	0.029	0.01	--	R	0.50 - 1.90
5C-00055	10080	Ba-137m	0.0154	0.013	0.0057	--		0.50 - 1.90
5C-00055	10080	Bi-212	0.914	0.14	0.081	2.15		0.50 - 1.90
5C-00055	10080	Bi-214	1.45	0.028	0.048	1.59		0.50 - 1.90
5C-00055	10080	Cd-113m	-0.5	43	13	3030	U	0.50 - 1.90
5C-00055	10080	Cf-249	0.0203	0.071	0.0071	--	U	0.50 - 1.90
5C-00055	10080	Cm-243/244	-0.0006	0.01	0.0026	0.0443	U	0.50 - 1.90
5C-00055	10080	Cm-245/246	0.0039	0.0072	0.0024	0.0401		0.50 - 1.90
5C-00055	10080	Cm-247/248	0.001	0.0026	0.001	0.0306	U	0.50 - 1.90
5C-00055	10080	Co-60	0.0078	0.022	0.0065	0.028	U	0.50 - 1.90
5C-00055	10080	Cs-134	0.0116	0.069	0.005	0.0864	U	0.50 - 1.90
5C-00055	10080	Cs-137	0.0163	0.013	0.006	0.207		0.50 - 1.90
5C-00055	10080	Eu-152	-0.013	0.044	0.013	0.0566	U	0.50 - 1.90
5C-00055	10080	Eu-154	0.005	0.11	0.014	0.15	U	0.50 - 1.90
5C-00055	10080	Eu-155	0.064	0.035	0.014	0.231	J	0.50 - 1.90
5C-00055	10080	Ho-166m	0.014	0.027	0.011	0.0432		0.50 - 1.90
5C-00055	10080	K-40	20.2	0.14	0.62	32.4		0.50 - 1.90
5C-00055	10080	Na-22	0.0019	0.028	0.0083	0.037	U	0.50 - 1.90
5C-00055	10080	Nb-94	0.0104	0.016	0.0048	0.0214		0.50 - 1.90
5C-00055	10080	Np-236	-0.0009	0.034	0.01	0.047	U	0.50 - 1.90
5C-00055	10080	Np-239	-0.028	0.097	0.029	0.139	U	0.50 - 1.90
5C-00055	10080	Pa-231	0.21	0.66	0.2	0.936	U	0.50 - 1.90
5C-00055	10080	Pb-212	1.32	0.028	0.054	2.69		0.50 - 1.90
5C-00055	10080	Pb-214	1.61	0.03	0.052	1.7		0.50 - 1.90
5C-00055	10080	Pu-236	-0.0011	0.0051	0.0009	7.79	U	0.50 - 1.90
5C-00055	10080	Pu-238	0	0.0088	0.0022	0.0415	U	0.50 - 1.90
5C-00055	10080	Pu-239/240	0	0.0018	0.0008	0.0404	U	0.50 - 1.90
5C-00055	10080	Pu-244	0	0.0018	0.0008	0.0313	U	0.50 - 1.90
5C-00055	10080	Rn-220	1.12	0.028	0.098	--		0.50 - 1.90
5C-00055	10080	Rn-222	1.53	0.028	0.071	--		0.50 - 1.90
5C-00055	10080	Sb-125	0.135	0.048	0.013	0.354		0.50 - 1.90
5C-00055	10080	Sn-126	0.0027	0.017	0.005	0.0237	U	0.50 - 1.90

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00055	10080	Sr-90	-0.026	0.06	0.017	0.485	U	0.50 - 1.90
5C-00055	10080	Te-125m	0.0312	0.011	0.003	0.0838		0.50 - 1.90
5C-00055	10080	Th-228	0.973	0.009	0.051	3.98		0.50 - 1.90
5C-00055	10080	Th-229	0.0068	0.002	0.0023	0.145		0.50 - 1.90
5C-00055	10080	Th-230	1.43	0.007	0.071	2.2		0.50 - 1.90
5C-00055	10080	Th-232	0.991	0.003	0.052	3.1		0.50 - 1.90
5C-00055	10080	Th-234	1.84	0.16	0.099	3.19	J R	0.50 - 1.90
5C-00055	10080	Tl-208	0.418	0.019	0.017	0.937		0.50 - 1.90
5C-00055	10080	Tm-171	-5	6	1.8	72.4	UL	0.50 - 1.90
5C-00055	10080	U-233/234	1.43	0.009	0.073	2.02		0.50 - 1.90
5C-00055	10080	U-235/236	0.0478	0.004	0.0087	0.151		0.50 - 1.90
5C-00055	10080	U-238	1.35	0.003	0.07	1.8		0.50 - 1.90
5C-00056	10081	Ac-227	0.041	0.15	0.049	0.217	U	0.00 - 0.50
5C-00056	10081	Ac-228	1.17	0.078	0.042	2.4		0.00 - 0.50
5C-00056	10081	Ag-108	-0.0006	0.0012	0.0004	--	U	0.00 - 0.50
5C-00056	10081	Ag-108m	-0.006	0.013	0.0039	--	U	0.00 - 0.50
5C-00056	10081	Am-241	0.0033	0.0067	0.0022	0.0454		0.00 - 0.50
5C-00056	10081	Ba-133	-0.0218	0.019	0.006	--	R	0.00 - 0.50
5C-00056	10081	Ba-137m	0.774	0.014	0.026	--		0.00 - 0.50
5C-00056	10081	Bi-212	0.923	0.14	0.079	2.15		0.00 - 0.50
5C-00056	10081	Bi-214	1.49	0.029	0.05	1.59		0.00 - 0.50
5C-00056	10081	Cd-113m	-14	44	13	3030	U	0.00 - 0.50
5C-00056	10081	Cf-249	0.0072	0.069	0.0046	--	U	0.00 - 0.50
5C-00056	10081	Cm-243/244	0.0009	0.0013	0.0007	0.0443	U	0.00 - 0.50
5C-00056	10081	Cm-245/246	0.006	0.0037	0.0019	0.0401		0.00 - 0.50
5C-00056	10081	Cm-247/248	0.0005	0.0013	0.0005	0.0306	U	0.00 - 0.50
5C-00056	10081	Co-60	-0.0002	0.019	0.0055	0.028	U	0.00 - 0.50
5C-00056	10081	Cs-134	-0.002	0.035	0.011	0.0864	U	0.00 - 0.50
5C-00056	10081	Cs-137	0.818	0.015	0.027	0.207		0.00 - 0.50
5C-00056	10081	Eu-152	-0.009	0.042	0.013	0.0566	U	0.00 - 0.50
5C-00056	10081	Eu-154	0.0039	0.1	0.007	0.15	U	0.00 - 0.50
5C-00056	10081	Eu-155	0.02	0.034	0.01	0.231		0.00 - 0.50
5C-00056	10081	Ho-166m	0.0275	0.026	0.0049	0.0432		0.00 - 0.50
5C-00056	10081	K-40	16.9	0.14	0.52	32.4		0.00 - 0.50
5C-00056	10081	Na-22	0.0023	0.022	0.0066	0.037	U	0.00 - 0.50
5C-00056	10081	Nb-94	0.0067	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00056	10081	Np-236	-0.006	0.034	0.01	0.047	U	0.00 - 0.50
5C-00056	10081	Np-239	-0.022	0.095	0.029	0.139	U	0.00 - 0.50
5C-00056	10081	Pa-231	-0.005	0.66	0.2	0.936	U	0.00 - 0.50
5C-00056	10081	Pb-212	1.49	0.028	0.061	2.69		0.00 - 0.50
5C-00056	10081	Pb-214	1.67	0.03	0.053	1.7		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00056	10081	Pu-236	-0.0013	0.0054	0.0011	7.79	U	0.00 - 0.50
5C-00056	10081	Pu-238	-0.0005	0.0042	0.0008	0.0415	U	0.00 - 0.50
5C-00056	10081	Pu-239/240	0.0233	0.0012	0.0034	0.0404		0.00 - 0.50
5C-00056	10081	Pu-244	0.0013	0.0012	0.0008	0.0313		0.00 - 0.50
5C-00056	10081	Rn-220	1.21	0.028	0.0997	--		0.00 - 0.50
5C-00056	10081	Rn-222	1.58	0.029	0.073	--		0.00 - 0.50
5C-00056	10081	Sb-125	0.137	0.046	0.013	0.354		0.00 - 0.50
5C-00056	10081	Sn-126	0.0106	0.012	0.0053	0.0237		0.00 - 0.50
5C-00056	10081	Sr-90	0.034	0.048	0.015	0.485		0.00 - 0.50
5C-00056	10081	Te-125m	0.0318	0.011	0.003	0.0838		0.00 - 0.50
5C-00056	10081	Th-228	1.22	0.006	0.058	3.98		0.00 - 0.50
5C-00056	10081	Th-229	0.0037	0.002	0.0017	0.145		0.00 - 0.50
5C-00056	10081	Th-230	1.63	0.002	0.075	2.2		0.00 - 0.50
5C-00056	10081	Th-232	1.17	0.002	0.056	3.1		0.00 - 0.50
5C-00056	10081	Th-234	0.54	0.16	0.053	3.19	R	0.00 - 0.50
5C-00056	10081	Tl-208	0.472	0.017	0.018	0.937		0.00 - 0.50
5C-00056	10081	Tm-171	-2	6.4	1.9	72.4	U	0.00 - 0.50
5C-00056	10081	U-233/234	1.02	0.004	0.047	2.02		0.00 - 0.50
5C-00056	10081	U-235/236	0.0549	0.0013	0.0056	0.151		0.00 - 0.50
5C-00056	10081	U-238	1	0.003	0.047	1.8		0.00 - 0.50
5C-00056	10082	Ac-227	0.045	0.12	0.038	0.217	U	1.00 - 5.00
5C-00056	10082	Ac-228	1.2	0.062	0.041	2.4		1.00 - 5.00
5C-00056	10082	Ag-108	-0.0011	0.0011	0.0004	--	R U	1.00 - 5.00
5C-00056	10082	Ag-108m	-0.0114	0.012	0.0037	--	R U	1.00 - 5.00
5C-00056	10082	Am-241	0.0023	0.011	0.0029	0.0454	U	1.00 - 5.00
5C-00056	10082	Ba-133	-0.0233	0.017	0.0053	--	R U	1.00 - 5.00
5C-00056	10082	Ba-137m	0.0264	0.01	0.0047	--		1.00 - 5.00
5C-00056	10082	Bi-212	1.08	0.1	0.067	2.15		1.00 - 5.00
5C-00056	10082	Bi-214	0.936	0.023	0.036	1.59		1.00 - 5.00
5C-00056	10082	Cd-113m	-4	34	10	3030	U	1.00 - 5.00
5C-00056	10082	Cf-249	0.0018	0.044	0.0027	--	U R	1.00 - 5.00
5C-00056	10082	Cm-243/244	0.01	0.003	0.0034	0.0443		1.00 - 5.00
5C-00056	10082	Cm-245/246	-0.0025	0.011	0.002	0.0401	U J	1.00 - 5.00
5C-00056	10082	Cm-247/248	0	0.0033	0.0014	0.0306	U	1.00 - 5.00
5C-00056	10082	Co-60	0.0004	0.014	0.001	0.028	U	1.00 - 5.00
5C-00056	10082	Cs-134	0.0123	0.036	0.0043	0.0864	U	1.00 - 5.00
5C-00056	10082	Cs-137	0.0279	0.011	0.005	0.207		1.00 - 5.00
5C-00056	10082	Eu-152	0.007	0.032	0.0091	0.0566	U	1.00 - 5.00
5C-00056	10082	Eu-154	-0.025	0.075	0.023	0.15	U	1.00 - 5.00
5C-00056	10082	Eu-155	0.074	0.032	0.014	0.231	S K	1.00 - 5.00
5C-00056	10082	Ho-166m	0.006	0.02	0.0038	0.0432	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00056	10082	K-40	21.2	0.15	0.7	32.4		1.00 - 5.00
5C-00056	10082	Na-22	0.0035	0.019	0.0056	0.037	U	1.00 - 5.00
5C-00056	10082	Nb-94	0.0169	0.0085	0.004	0.0214		1.00 - 5.00
5C-00056	10082	Nb-94	0.0169	0.0085	0.004	0.0214	S K	1.00 - 5.00
5C-00056	10082	Np-236	-0.0007	0.027	0.0081	0.047	U	1.00 - 5.00
5C-00056	10082	Np-239	-0.003	0.074	0.022	0.139	U	1.00 - 5.00
5C-00056	10082	Pa-231	-0.03	0.49	0.15	0.936	U	1.00 - 5.00
5C-00056	10082	Pb-212	1.54	0.021	0.081	2.69		1.00 - 5.00
5C-00056	10082	Pb-214	1.04	0.025	0.04	1.7		1.00 - 5.00
5C-00056	10082	Pu-236	0.0012	0.011	0.0031	7.79	U	1.00 - 5.00
5C-00056	10082	Pu-238	0.0019	0.0046	0.0014	0.0415		1.00 - 5.00
5C-00056	10082	Pu-239/240	0.0031	0.0017	0.0014	0.0404		1.00 - 5.00
5C-00056	10082	Pu-244	0.0012	0.0045	0.0013	0.0313	U	1.00 - 5.00
5C-00056	10082	Rn-220	1.31	0.02	0.11	--		1.00 - 5.00
5C-00056	10082	Rn-222	0.99	0.023	0.053	--		1.00 - 5.00
5C-00056	10082	Sb-125	0.118	0.033	0.0082	0.354	S K	1.00 - 5.00
5C-00056	10082	Sn-126	0.0033	0.012	0.0037	0.0237	U	1.00 - 5.00
5C-00056	10082	Sr-90	0.014	0.05	0.015	0.485	U	1.00 - 5.00
5C-00056	10082	Te-125m	0.0273	0.0076	0.0019	0.0838	S K	1.00 - 5.00
5C-00056	10082	Th-228	1.31	0.015	0.067	3.98		1.00 - 5.00
5C-00056	10082	Th-229	0.0208	0.0067	0.0046	0.145		1.00 - 5.00
5C-00056	10082	Th-230	0.945	0.003	0.052	2.2		1.00 - 5.00
5C-00056	10082	Th-232	1.25	0.008	0.065	3.1		1.00 - 5.00
5C-00056	10082	Th-234	1.61	0.13	0.088	3.19	R	1.00 - 5.00
5C-00056	10082	Tl-208	0.476	0.015	0.019	0.937		1.00 - 5.00
5C-00056	10082	Tm-171	-0.02	5.7	1.7	72.4	U	1.00 - 5.00
5C-00056	10082	U-233/234	0.687	0.011	0.04	2.02		1.00 - 5.00
5C-00056	10082	U-235/236	0.0288	0.012	0.0069	0.151		1.00 - 5.00
5C-00056	10082	U-238	0.684	0.008	0.039	1.8		1.00 - 5.00
5C-00057	10083	Ac-227	0.046	0.12	0.014	0.217	U	0.00 - 0.50
5C-00057	10083	Ac-228	1.23	0.06	0.05	2.4		0.00 - 0.50
5C-00057	10083	Ag-108	-0.0036	0.0012	0.0004	--	R U	0.00 - 0.50
5C-00057	10083	Ag-108m	-0.039	0.013	0.0043	--	R U	0.00 - 0.50
5C-00057	10083	Am-241	0.0076	0.0071	0.0029	0.0454		0.00 - 0.50
5C-00057	10083	Ba-133	-0.107	0.02	0.0075	--	R U	0.00 - 0.50
5C-00057	10083	Ba-137m	0.0468	0.009	0.0045	--		0.00 - 0.50
5C-00057	10083	Bi-212	0.96	0.1	0.066	2.15		0.00 - 0.50
5C-00057	10083	Bi-214	0.839	0.02	0.032	1.59		0.00 - 0.50
5C-00057	10083	Cd-113m	8	34	10	3030	U	0.00 - 0.50
5C-00057	10083	Cf-249	0.027	0.041	0.013	--	R	0.00 - 0.50
5C-00057	10083	Cm-243/244	0.0022	0.002	0.0013	0.0443		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00057	10083	Cm-245/246	0.002	0.0049	0.0015	0.0401		0.00 - 0.50
5C-00057	10083	Cm-247/248	-0.0007	0.0061	0.0012	0.0306	U	0.00 - 0.50
5C-00057	10083	Co-60	0.0008	0.014	0.0042	0.028	U	0.00 - 0.50
5C-00057	10083	Cs-134	0.01	0.037	0.0024	0.0864	U	0.00 - 0.50
5C-00057	10083	Cs-137	0.0495	0.0095	0.0048	0.207		0.00 - 0.50
5C-00057	10083	Eu-152	-0.0056	0.031	0.0093	0.0566	U	0.00 - 0.50
5C-00057	10083	Eu-154	0.0089	0.076	0.0083	0.15	U	0.00 - 0.50
5C-00057	10083	Eu-155	0.074	0.031	0.013	0.231	S K	0.00 - 0.50
5C-00057	10083	Ho-166m	0.0051	0.019	0.0045	0.0432	U	0.00 - 0.50
5C-00057	10083	K-40	20.3	0.14	0.67	32.4		0.00 - 0.50
5C-00057	10083	Na-22	0.0049	0.018	0.0054	0.037	U	0.00 - 0.50
5C-00057	10083	Nb-94	0.0061	0.01	0.0031	0.0214	S K	0.00 - 0.50
5C-00057	10083	Np-236	-0.0085	0.026	0.008	0.047	U	0.00 - 0.50
5C-00057	10083	Np-239	0.008	0.073	0.022	0.139	U	0.00 - 0.50
5C-00057	10083	Pa-231	0.14	0.47	0.14	0.936	U	0.00 - 0.50
5C-00057	10083	Pb-212	1.55	0.021	0.082	2.69		0.00 - 0.50
5C-00057	10083	Pb-214	0.95	0.022	0.035	1.7		0.00 - 0.50
5C-00057	10083	Pu-236	0.0005	0.0043	0.0011	7.79	U	0.00 - 0.50
5C-00057	10083	Pu-238	-0.0005	0.0043	0.0009	0.0415	U	0.00 - 0.50
5C-00057	10083	Pu-239/240	0.0005	0.0034	0.0008	0.0404	U	0.00 - 0.50
5C-00057	10083	Pu-244	0.0009	0.0013	0.0007	0.0313	U	0.00 - 0.50
5C-00057	10083	Rn-220	1.25	0.02	0.1	--		0.00 - 0.50
5C-00057	10083	Rn-222	0.895	0.02	0.047	--		0.00 - 0.50
5C-00057	10083	Sb-125	0.117	0.033	0.0081	0.354	S K	0.00 - 0.50
5C-00057	10083	Sn-126	0.0047	0.012	0.0036	0.0237	U	0.00 - 0.50
5C-00057	10083	Sr-90	0.014	0.04	0.012	0.485	U	0.00 - 0.50
5C-00057	10083	Te-125m	0.027	0.0077	0.0019	0.0838	S K	0.00 - 0.50
5C-00057	10083	Th-228	1.16	0.016	0.059	3.98		0.00 - 0.50
5C-00057	10083	Th-229	0.0031	0.0045	0.0017	0.145		0.00 - 0.50
5C-00057	10083	Th-230	0.866	0.007	0.046	2.2		0.00 - 0.50
5C-00057	10083	Th-232	1.15	0.002	0.058	3.1		0.00 - 0.50
5C-00057	10083	Th-234	1.37	0.13	0.081	3.19	R	0.00 - 0.50
5C-00057	10083	Tl-208	0.458	0.015	0.018	0.937		0.00 - 0.50
5C-00057	10083	Tm-171	-2.2	5.6	1.7	72.4	U	0.00 - 0.50
5C-00057	10083	U-233/234	0.824	0.007	0.044	2.02		0.00 - 0.50
5C-00057	10083	U-235/236	0.0443	0.0082	0.0074	0.151		0.00 - 0.50
5C-00057	10083	U-238	0.799	0.002	0.043	1.8		0.00 - 0.50
5C-00057	10084	Ac-227	0.028	0.13	0.02	0.217	U	1.00 - 5.00
5C-00057	10084	Ac-228	1.2	0.11	0.045	2.4		1.00 - 5.00
5C-00057	10084	Ag-108	-0.0011	0.0015	0.0005	--	L U R	1.00 - 5.00
5C-00057	10084	Ag-108m	-0.0121	0.016	0.0048	--	L U R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00057	10084	Am-241	0.0064	0.012	0.0039	0.0454		1.00 - 5.00
5C-00057	10084	Ba-133	-0.089	0.023	0.0079	--	R U	1.00 - 5.00
5C-00057	10084	Ba-137m	0	0.015	0.0045	--	U	1.00 - 5.00
5C-00057	10084	Bi-212	1.06	0.15	0.095	2.15		1.00 - 5.00
5C-00057	10084	Bi-214	0.903	0.028	0.033	1.59		1.00 - 5.00
5C-00057	10084	Cd-113m	-11	41	12	3030	U	1.00 - 5.00
5C-00057	10084	Cf-249	0.0109	0.067	0.0037	--	U R	1.00 - 5.00
5C-00057	10084	Cm-243/244	0.0027	0.014	0.0041	0.0443	U	1.00 - 5.00
5C-00057	10084	Cm-245/246	0.0042	0.0019	0.0017	0.0401		1.00 - 5.00
5C-00057	10084	Cm-247/248	-0.0007	0.005	0.0008	0.0306	U	1.00 - 5.00
5C-00057	10084	Co-60	-0.005	0.02	0.0061	0.028	U	1.00 - 5.00
5C-00057	10084	Cs-134	0.0064	0.051	0.0032	0.0864	U	1.00 - 5.00
5C-00057	10084	Cs-137	0	0.016	0.0047	0.207	U	1.00 - 5.00
5C-00057	10084	Eu-152	0.013	0.038	0.013	0.0566	U	1.00 - 5.00
5C-00057	10084	Eu-154	0.002	0.1	0.03	0.15	U	1.00 - 5.00
5C-00057	10084	Eu-155	0.081	0.032	0.013	0.231	R S K	1.00 - 5.00
5C-00057	10084	Ho-166m	0.0062	0.025	0.0078	0.0432	U	1.00 - 5.00
5C-00057	10084	K-40	19.2	0.13	0.58	32.4		1.00 - 5.00
5C-00057	10084	Na-22	-0.0108	0.025	0.0075	0.037	U	1.00 - 5.00
5C-00057	10084	Nb-94	0.005	0.015	0.0033	0.0214	U	1.00 - 5.00
5C-00057	10084	Np-236	-0.0085	0.032	0.0096	0.047	U	1.00 - 5.00
5C-00057	10084	Np-239	0.006	0.079	0.024	0.139	U	1.00 - 5.00
5C-00057	10084	Pa-231	0.005	0.59	0.18	0.936	U	1.00 - 5.00
5C-00057	10084	Pb-212	1.52	0.023	0.062	2.69		1.00 - 5.00
5C-00057	10084	Pb-214	1.01	0.025	0.033	1.7		1.00 - 5.00
5C-00057	10084	Pu-236	0.18	0.006	0.015	7.79		1.00 - 5.00
5C-00057	10084	Pu-236	-0.0018	0.0085	0.002	7.79	U	1.00 - 5.00
5C-00057	10084	Pu-238	0.001	0.0054	0.0015	0.0415	U	1.00 - 5.00
5C-00057	10084	Pu-239/240	0	0.0014	0.0006	0.0404	U	1.00 - 5.00
5C-00057	10084	Pu-244	0.0005	0.0014	0.0005	0.0313	U	1.00 - 5.00
5C-00057	10084	Rn-220	1.29	0.02	0.11	--		1.00 - 5.00
5C-00057	10084	Rn-222	0.955	0.025	0.047	--		1.00 - 5.00
5C-00057	10084	Sb-125	0.129	0.041	0.0098	0.354	S K	1.00 - 5.00
5C-00057	10084	Sn-126	-0.0017	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00057	10084	Sr-90	0.008	0.044	0.013	0.485	U	1.00 - 5.00
5C-00057	10084	Te-125m	0.0298	0.0095	0.0023	0.0838	S K	1.00 - 5.00
5C-00057	10084	Th-228	1.23	0.004	0.068	3.98	R	1.00 - 5.00
5C-00057	10084	Th-228	1.47	0.024	0.074	3.98		1.00 - 5.00
5C-00057	10084	Th-229	0.0052	0.0096	0.0032	0.145		1.00 - 5.00
5C-00057	10084	Th-230	0.904	0.015	0.054	2.2	R	1.00 - 5.00
5C-00057	10084	Th-230	1.13	0.008	0.059	2.2		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00057	10084	Th-232	1.24	0.004	0.069	3.1	R	1.00 - 5.00
5C-00057	10084	Th-232	1.4	0.008	0.071	3.1		1.00 - 5.00
5C-00057	10084	Th-234	1.55	0.15	0.087	3.19	R	1.00 - 5.00
5C-00057	10084	Tl-208	0.471	0.017	0.018	0.937		1.00 - 5.00
5C-00057	10084	Tm-171	-3.1	5.9	1.8	72.4	U	1.00 - 5.00
5C-00057	10084	U-233/234	0.942	0.018	0.056	2.02	J	1.00 - 5.00
5C-00057	10084	U-235/236	0.052	0.015	0.011	0.151	J	1.00 - 5.00
5C-00057	10084	U-238	0.977	0.005	0.058	1.8	J	1.00 - 5.00
5C-00058	10085	Ac-227	0.048	0.15	0.04	0.217	U	1.00 - 4.00
5C-00058	10085	Ac-228	1.27	0.081	0.044	2.4		1.00 - 4.00
5C-00058	10085	Ag-108	-0.0016	0.0014	0.0004	--	R U	1.00 - 4.00
5C-00058	10085	Ag-108m	-0.0169	0.015	0.0048	--	R U	1.00 - 4.00
5C-00058	10085	Am-241	0.0049	0.0073	0.0027	0.0454		1.00 - 4.00
5C-00058	10085	Ba-133	-0.0924	0.023	0.008	--	R U	1.00 - 4.00
5C-00058	10085	Ba-137m	0.005	0.016	0.0047	--	U	1.00 - 4.00
5C-00058	10085	Bi-212	0.914	0.13	0.077	2.15		1.00 - 4.00
5C-00058	10085	Bi-214	0.916	0.024	0.032	1.59		1.00 - 4.00
5C-00058	10085	Cd-113m	10	42	13	3030	U	1.00 - 4.00
5C-00058	10085	Cf-249	0.0022	0.065	0.0022	--	U R	1.00 - 4.00
5C-00058	10085	Cm-243/244	0	0.013	0.0032	0.0443	U	1.00 - 4.00
5C-00058	10085	Cm-245/246	0.0022	0.003	0.0016	0.0401	U J	1.00 - 4.00
5C-00058	10085	Cm-247/248	-0.0033	0.013	0.0027	0.0306	U	1.00 - 4.00
5C-00058	10085	Co-60	0.002	0.017	0.0033	0.028	U	1.00 - 4.00
5C-00058	10085	Cs-134	0.0022	0.051	0.0072	0.0864	U	1.00 - 4.00
5C-00058	10085	Cs-137	0.0053	0.017	0.005	0.207	U	1.00 - 4.00
5C-00058	10085	Eu-152	0.005	0.038	0.012	0.0566	U	1.00 - 4.00
5C-00058	10085	Eu-154	-0.014	0.1	0.03	0.15	U	1.00 - 4.00
5C-00058	10085	Eu-155	0.078	0.034	0.014	0.231	R S K	1.00 - 4.00
5C-00058	10085	Ho-166m	0.004	0.027	0.0058	0.0432	U	1.00 - 4.00
5C-00058	10085	K-40	20.3	0.12	0.62	32.4		1.00 - 4.00
5C-00058	10085	Na-22	-0.0016	0.023	0.007	0.037	U	1.00 - 4.00
5C-00058	10085	Nb-94	0.0042	0.015	0.0044	0.0214	U	1.00 - 4.00
5C-00058	10085	Np-236	0.0014	0.031	0.0094	0.047	U	1.00 - 4.00
5C-00058	10085	Np-239	0.026	0.083	0.025	0.139	U	1.00 - 4.00
5C-00058	10085	Pa-231	0.01	0.57	0.17	0.936	U	1.00 - 4.00
5C-00058	10085	Pb-212	1.54	0.023	0.063	2.69		1.00 - 4.00
5C-00058	10085	Pb-214	0.987	0.028	0.034	1.7		1.00 - 4.00
5C-00058	10085	Pu-236	0.168	0.006	0.015	7.79		1.00 - 4.00
5C-00058	10085	Pu-236	-0.0025	0.0067	0.0013	7.79	U	1.00 - 4.00
5C-00058	10085	Pu-238	0.0022	0.0051	0.0016	0.0415		1.00 - 4.00
5C-00058	10085	Pu-239/240	0	0.0015	0.0006	0.0404	U	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00058	10085	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 4.00
5C-00058	10085	Rn-220	1.23	0.023	0.099	--		1.00 - 4.00
5C-00058	10085	Rn-222	0.951	0.024	0.047	--		1.00 - 4.00
5C-00058	10085	Sb-125	0.127	0.039	0.011	0.354	S K	1.00 - 4.00
5C-00058	10085	Sn-126	-0.0037	0.017	0.0051	0.0237	U	1.00 - 4.00
5C-00058	10085	Sr-90	0.04	0.061	0.019	0.485		1.00 - 4.00
5C-00058	10085	Te-125m	0.0293	0.0091	0.0025	0.0838	S K	1.00 - 4.00
5C-00058	10085	Th-228	1.27	0.011	0.064	3.98		1.00 - 4.00
5C-00058	10085	Th-229	0.007	0.013	0.0044	0.145	J	1.00 - 4.00
5C-00058	10085	Th-230	0.928	0.007	0.05	2.2		1.00 - 4.00
5C-00058	10085	Th-232	1.26	0.003	0.064	3.1		1.00 - 4.00
5C-00058	10085	Th-234	0.43	0.16	0.051	3.19	R	1.00 - 4.00
5C-00058	10085	Tl-208	0.466	0.017	0.018	0.937		1.00 - 4.00
5C-00058	10085	Tm-171	3.1	5.8	1.8	72.4		1.00 - 4.00
5C-00058	10085	U-233/234	0.937	0.011	0.054	2.02	J	1.00 - 4.00
5C-00058	10085	U-235/236	0.0499	0.0048	0.0097	0.151	J	1.00 - 4.00
5C-00058	10085	U-238	0.946	0.004	0.054	1.8	J	1.00 - 4.00
5C-00059	10086	Ac-227	0.044	0.15	0.059	0.217	U	1.00 - 5.00
5C-00059	10086	Ac-228	1.24	0.087	0.043	2.4		1.00 - 5.00
5C-00059	10086	Ag-108	-0.0039	0.0016	0.0005	--	R U	1.00 - 5.00
5C-00059	10086	Ag-108m	-0.0418	0.018	0.0058	--	R U	1.00 - 5.00
5C-00059	10086	Am-241	0.0045	0.008	0.0027	0.0454		1.00 - 5.00
5C-00059	10086	Ba-133	-0.0368	0.021	0.0065	--	R U	1.00 - 5.00
5C-00059	10086	Ba-137m	0.0021	0.017	0.005	--	U	1.00 - 5.00
5C-00059	10086	Bi-212	0.912	0.13	0.076	2.15		1.00 - 5.00
5C-00059	10086	Bi-214	0.902	0.027	0.033	1.59		1.00 - 5.00
5C-00059	10086	Cd-113m	17	43	13	3030	U	1.00 - 5.00
5C-00059	10086	Cf-249	0.0058	0.06	0.0041	--	U R	1.00 - 5.00
5C-00059	10086	Cm-243/244	-0.0007	0.013	0.0034	0.0443	U	1.00 - 5.00
5C-00059	10086	Cm-245/246	-0.0018	0.012	0.0027	0.0401	U J	1.00 - 5.00
5C-00059	10086	Cm-247/248	0	0.0024	0.001	0.0306	U	1.00 - 5.00
5C-00059	10086	Co-60	0.0013	0.019	0.0032	0.028	U	1.00 - 5.00
5C-00059	10086	Cs-134	0.0129	0.0073	0.0073	0.0864	S K	1.00 - 5.00
5C-00059	10086	Cs-137	0.0022	0.018	0.0052	0.207	U	1.00 - 5.00
5C-00059	10086	Eu-152	0.018	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00059	10086	Eu-154	0.115	0.078	0.037	0.15		1.00 - 5.00
5C-00059	10086	Eu-155	0.084	0.035	0.015	0.231	R S K	1.00 - 5.00
5C-00059	10086	Ho-166m	0.0092	0.027	0.0054	0.0432	U	1.00 - 5.00
5C-00059	10086	K-40	21	0.15	0.64	32.4		1.00 - 5.00
5C-00059	10086	Na-22	0	0.018	0.0052	0.037	U	1.00 - 5.00
5C-00059	10086	Nb-94	0.0055	0.015	0.0034	0.0214	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00059	10086	Np-236	-0.0014	0.033	0.0099	0.047	U	1.00 - 5.00
5C-00059	10086	Np-239	0.044	0.09	0.028	0.139	U	1.00 - 5.00
5C-00059	10086	Pa-231	-0.04	0.64	0.19	0.936	U	1.00 - 5.00
5C-00059	10086	Pb-212	1.55	0.024	0.063	2.69		1.00 - 5.00
5C-00059	10086	Pb-214	1.01	0.026	0.034	1.7		1.00 - 5.00
5C-00059	10086	Pu-236	0.159	0.004	0.015	7.79		1.00 - 5.00
5C-00059	10086	Pu-236	0.0005	0.0044	0.0011	7.79	U	1.00 - 5.00
5C-00059	10086	Pu-238	0.005	0.0041	0.0019	0.0415		1.00 - 5.00
5C-00059	10086	Pu-239/240	0.0017	0.0015	0.001	0.0404		1.00 - 5.00
5C-00059	10086	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00059	10086	Rn-220	1.23	0.024	0.099	--		1.00 - 5.00
5C-00059	10086	Rn-222	0.958	0.026	0.047	--		1.00 - 5.00
5C-00059	10086	Sb-125	0.125	0.043	0.011	0.354	S K	1.00 - 5.00
5C-00059	10086	Sn-126	0.0017	0.018	0.0053	0.0237	U	1.00 - 5.00
5C-00059	10086	Sr-90	0.021	0.053	0.016	0.485	U	1.00 - 5.00
5C-00059	10086	Te-125m	0.0288	0.01	0.0025	0.0838	S K	1.00 - 5.00
5C-00059	10086	Th-228	1.26	0.015	0.066	3.98		1.00 - 5.00
5C-00059	10086	Th-229	0.001	0.0094	0.0024	0.145	U	1.00 - 5.00
5C-00059	10086	Th-230	0.917	0.003	0.052	2.2		1.00 - 5.00
5C-00059	10086	Th-232	1.21	0.009	0.064	3.1		1.00 - 5.00
5C-00059	10086	Th-234	0.397	0.17	0.053	3.19	R	1.00 - 5.00
5C-00059	10086	Tl-208	0.467	0.018	0.018	0.937		1.00 - 5.00
5C-00059	10086	Tm-171	-0.8	6.3	1.9	72.4	U	1.00 - 5.00
5C-00059	10086	U-233/234	0.848	0.01	0.049	2.02		1.00 - 5.00
5C-00059	10086	U-235/236	0.066	0.004	0.011	0.151	J	1.00 - 5.00
5C-00059	10086	U-238	0.795	0.004	0.046	1.8		1.00 - 5.00
5C-00060	10087	Ac-227	0.027	0.16	0.047	0.217	U	0.00 - 0.50
5C-00060	10087	Ac-228	1.18	0.089	0.046	2.4		0.00 - 0.50
5C-00060	10087	Ag-108	-0.0016	0.0015	0.0005	--	R	0.00 - 0.50
5C-00060	10087	Ag-108m	-0.0175	0.017	0.0052	--	R	0.00 - 0.50
5C-00060	10087	Am-241	-0.0027	0.0095	0.0017	0.0454	U	0.00 - 0.50
5C-00060	10087	Ba-133	-0.104	0.028	0.0098	--	R	0.00 - 0.50
5C-00060	10087	Ba-137m	0.0242	0.012	0.0052	--		0.00 - 0.50
5C-00060	10087	Bi-212	1.04	0.14	0.083	2.15		0.00 - 0.50
5C-00060	10087	Bi-214	0.788	0.028	0.03	1.59		0.00 - 0.50
5C-00060	10087	Cd-113m	0	44	9.6	3030	U	0.00 - 0.50
5C-00060	10087	Cf-249	-0.038	0.077	0.023	--	U	0.00 - 0.50
5C-00060	10087	Cm-243/244	0	0.0023	0.001	0.0443	U	0.00 - 0.50
5C-00060	10087	Cm-245/246	0.0057	0.0031	0.0025	0.0401		0.00 - 0.50
5C-00060	10087	Cm-247/248	0.0011	0.003	0.0011	0.0306	U	0.00 - 0.50
5C-00060	10087	Co-60	0.0013	0.018	0.0054	0.028	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00060	10087	Cs-134	0.015	0.061	0.0055	0.0864	U	0.00 - 0.50
5C-00060	10087	Cs-137	0.0256	0.013	0.0055	0.207		0.00 - 0.50
5C-00060	10087	Eu-152	0.011	0.042	0.013	0.0566	U	0.00 - 0.50
5C-00060	10087	Eu-154	-0.049	0.11	0.034	0.15	U	0.00 - 0.50
5C-00060	10087	Eu-155	0.084	0.053	0.024	0.231		0.00 - 0.50
5C-00060	10087	Ho-166m	0.0102	0.026	0.0066	0.0432	U	0.00 - 0.50
5C-00060	10087	K-40	20.9	0.12	0.63	32.4		0.00 - 0.50
5C-00060	10087	Na-22	0.0026	0.024	0.0071	0.037	U	0.00 - 0.50
5C-00060	10087	Nb-94	0.0043	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00060	10087	Np-236	0.008	0.038	0.011	0.047	U	0.00 - 0.50
5C-00060	10087	Np-239	-0.01	0.098	0.029	0.139	U	0.00 - 0.50
5C-00060	10087	Pa-231	-0.007	0.54	0.16	0.936	U	0.00 - 0.50
5C-00060	10087	Pb-212	1.48	0.028	0.046	2.69		0.00 - 0.50
5C-00060	10087	Pb-214	0.846	0.027	0.037	1.7		0.00 - 0.50
5C-00060	10087	Pu-236	-0.0017	0.006	0.0011	7.79	U	0.00 - 0.50
5C-00060	10087	Pu-238	-0.0006	0.0051	0.001	0.0415	U	0.00 - 0.50
5C-00060	10087	Pu-239/240	-0.0006	0.0041	0.0006	0.0404	U	0.00 - 0.50
5C-00060	10087	Pu-244	0.0028	0.0015	0.0012	0.0313		0.00 - 0.50
5C-00060	10087	Rn-220	1.26	0.028	0.095	--		0.00 - 0.50
5C-00060	10087	Rn-222	0.817	0.027	0.047	--		0.00 - 0.50
5C-00060	10087	Sb-125	0.145	0.046	0.013	0.354		0.00 - 0.50
5C-00060	10087	Sn-126	-0.0054	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00060	10087	Sr-90	-0.004	0.036	0.01	0.485	U	0.00 - 0.50
5C-00060	10087	Te-125m	0.0334	0.011	0.003	0.0838		0.00 - 0.50
5C-00060	10087	Th-228	1.34	0.027	0.069	3.98		0.00 - 0.50
5C-00060	10087	Th-229	0	0.016	0.0038	0.145	U	0.00 - 0.50
5C-00060	10087	Th-230	0.926	0.003	0.051	2.2		0.00 - 0.50
5C-00060	10087	Th-232	1.32	0.003	0.068	3.1		0.00 - 0.50
5C-00060	10087	Th-234	1.28	0.22	0.08	3.19	R	0.00 - 0.50
5C-00060	10087	Tl-208	0.483	0.019	0.019	0.937		0.00 - 0.50
5C-00060	10087	Tm-171	-4.1	12	3.6	72.4	U	0.00 - 0.50
5C-00060	10087	U-233/234	0.79	0.003	0.044	2.02		0.00 - 0.50
5C-00060	10087	U-235/236	0.0459	0.0037	0.0081	0.151		0.00 - 0.50
5C-00060	10087	U-238	0.776	0.008	0.044	1.8		0.00 - 0.50
5C-00060	10088	Ac-227	0.045	0.15	0.051	0.217	U	1.00 - 5.00
5C-00060	10088	Ac-228	1.14	0.092	0.04	2.4		1.00 - 5.00
5C-00060	10088	Ag-108	-0.0012	0.0015	0.0005	--	L U R	1.00 - 5.00
5C-00060	10088	Ag-108m	-0.0129	0.016	0.005	--	L U R	1.00 - 5.00
5C-00060	10088	Am-241	0.0018	0.0083	0.0023	0.0454	U	1.00 - 5.00
5C-00060	10088	Ba-133	-0.0308	0.021	0.0066	--	R U	1.00 - 5.00
5C-00060	10088	Ba-137m	0.0049	0.017	0.0052	--	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00060	10088	Bi-212	0.907	0.12	0.071	2.15		1.00 - 5.00
5C-00060	10088	Bi-214	0.848	0.027	0.032	1.59		1.00 - 5.00
5C-00060	10088	Cd-113m	1	43	13	3030	U	1.00 - 5.00
5C-00060	10088	Cf-249	-0.018	0.069	0.021	--	U R	1.00 - 5.00
5C-00060	10088	Cm-243/244	-0.0018	0.0095	0.0019	0.0443	U	1.00 - 5.00
5C-00060	10088	Cm-245/246	0.0012	0.0017	0.0009	0.0401	U	1.00 - 5.00
5C-00060	10088	Cm-247/248	0.0024	0.0056	0.0018	0.0306		1.00 - 5.00
5C-00060	10088	Co-60	0.0034	0.021	0.0052	0.028	U	1.00 - 5.00
5C-00060	10088	Cs-134	0.0128	0.051	0.007	0.0864	S K	1.00 - 5.00
5C-00060	10088	Cs-137	0.0051	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00060	10088	Eu-152	0.0072	0.031	0.0092	0.0566	U	1.00 - 5.00
5C-00060	10088	Eu-154	0.018	0.12	0.027	0.15	U	1.00 - 5.00
5C-00060	10088	Eu-155	0.077	0.034	0.014	0.231	S K	1.00 - 5.00
5C-00060	10088	Ho-166m	0.0049	0.028	0.0026	0.0432	S K	1.00 - 5.00
5C-00060	10088	K-40	20.9	0.16	0.64	32.4		1.00 - 5.00
5C-00060	10088	Na-22	-0.007	0.026	0.0079	0.037	U	1.00 - 5.00
5C-00060	10088	Nb-94	0.0036	0.016	0.0047	0.0214	S K	1.00 - 5.00
5C-00060	10088	Np-236	-0.0079	0.032	0.0098	0.047	U	1.00 - 5.00
5C-00060	10088	Np-239	-0.002	0.091	0.027	0.139	U	1.00 - 5.00
5C-00060	10088	Pa-231	0.003	0.6	0.18	0.936	U	1.00 - 5.00
5C-00060	10088	Pb-212	1.43	0.024	0.059	2.69		1.00 - 5.00
5C-00060	10088	Pb-214	0.971	0.03	0.034	1.7		1.00 - 5.00
5C-00060	10088	Pu-236	0.162	0.006	0.015	7.79		1.00 - 5.00
5C-00060	10088	Pu-236	-0.001	0.0056	0.0011	7.79	U	1.00 - 5.00
5C-00060	10088	Pu-238	0.0032	0.0058	0.0019	0.0415		1.00 - 5.00
5C-00060	10088	Pu-239/240	0.0016	0.0015	0.0009	0.0404		1.00 - 5.00
5C-00060	10088	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00060	10088	Rn-220	1.17	0.024	0.092	--		1.00 - 5.00
5C-00060	10088	Rn-222	0.909	0.027	0.047	--		1.00 - 5.00
5C-00060	10088	Sb-125	0.108	0.044	0.011	0.354	S K	1.00 - 5.00
5C-00060	10088	Sn-126	0.0063	0.017	0.0052	0.0237	U	1.00 - 5.00
5C-00060	10088	Sr-90	0.011	0.061	0.018	0.485	U	1.00 - 5.00
5C-00060	10088	Te-125m	0.0248	0.01	0.0025	0.0838	S K	1.00 - 5.00
5C-00060	10088	Th-228	1.1	0.012	0.056	3.98		1.00 - 5.00
5C-00060	10088	Th-229	0.0046	0.0047	0.002	0.145		1.00 - 5.00
5C-00060	10088	Th-230	0.827	0.003	0.045	2.2		1.00 - 5.00
5C-00060	10088	Th-232	0.995	0.009	0.052	3.1		1.00 - 5.00
5C-00060	10088	Th-234	0.334	0.17	0.053	3.19	R	1.00 - 5.00
5C-00060	10088	Tl-208	0.431	0.017	0.017	0.937		1.00 - 5.00
5C-00060	10088	Tm-171	-0.9	5.6	1.7	72.4	U	1.00 - 5.00
5C-00060	10088	U-233/234	0.701	0.002	0.038	2.02		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00060	10088	U-235/236	0.037	0.0026	0.0062	0.151		1.00 - 5.00
5C-00060	10088	U-238	0.774	0.002	0.041	1.8		1.00 - 5.00
5C-00060	10247	Ac-227	0.0344	0.13	0.0097	0.217	U	7.00 - 11.00
5C-00060	10247	Ac-228	1.18	0.074	0.041	2.4		7.00 - 11.00
5C-00060	10247	Ag-108	-0.0043	0.0014	0.0005	--	R U	7.00 - 11.00
5C-00060	10247	Ag-108m	-0.0463	0.015	0.0051	--	R U	7.00 - 11.00
5C-00060	10247	Am-241	0.0015	0.0067	0.0019	0.0454	U	7.00 - 11.00
5C-00060	10247	Ba-133	-0.0835	0.02	0.007	--	R U	7.00 - 11.00
5C-00060	10247	Ba-137m	0.0143	0.0085	0.0036	--		7.00 - 11.00
5C-00060	10247	Bi-212	0.88	0.12	0.074	2.15		7.00 - 11.00
5C-00060	10247	Bi-214	0.827	0.022	0.032	1.59		7.00 - 11.00
5C-00060	10247	Cd-113m	10	35	11	3030	U	7.00 - 11.00
5C-00060	10247	Cf-249	-0.032	0.056	0.017	--	U R	7.00 - 11.00
5C-00060	10247	Cm-243/244	0.0014	0.0052	0.0015	0.0443	U	7.00 - 11.00
5C-00060	10247	Cm-245/246	0.0037	0.0025	0.0019	0.0401	J	7.00 - 11.00
5C-00060	10247	Cm-247/248	-0.0009	0.0085	0.0017	0.0306	U	7.00 - 11.00
5C-00060	10247	Co-60	0.0019	0.015	0.0043	0.028	U	7.00 - 11.00
5C-00060	10247	Cs-134	0.0055	0.046	0.0022	0.0864	U	7.00 - 11.00
5C-00060	10247	Cs-137	0.0151	0.009	0.0038	0.207		7.00 - 11.00
5C-00060	10247	Eu-152	0.0084	0.02	0.0062	0.0566	U	7.00 - 11.00
5C-00060	10247	Eu-154	0.02	0.063	0.017	0.15	U	7.00 - 11.00
5C-00060	10247	Eu-155	0.098	0.032	0.014	0.231	S K	7.00 - 11.00
5C-00060	10247	Ho-166m	-0.0066	0.022	0.0065	0.0432	U	7.00 - 11.00
5C-00060	10247	K-40	22.1	0.15	0.73	32.4		7.00 - 11.00
5C-00060	10247	Na-22	0	0.022	0.0064	0.037	U	7.00 - 11.00
5C-00060	10247	Nb-94	0.0043	0.012	0.0023	0.0214	U	7.00 - 11.00
5C-00060	10247	Np-236	-0.0004	0.028	0.0085	0.047	U	7.00 - 11.00
5C-00060	10247	Np-239	-0.007	0.073	0.022	0.139	U	7.00 - 11.00
5C-00060	10247	Pa-231	0.0093	0.54	0.0062	0.936	U	7.00 - 11.00
5C-00060	10247	Pb-212	1.5	0.021	0.079	2.69		7.00 - 11.00
5C-00060	10247	Pb-214	0.955	0.024	0.037	1.7		7.00 - 11.00
5C-00060	10247	Pu-236	0	0.0028	0.0009	7.79	U	7.00 - 11.00
5C-00060	10247	Pu-238	0.0015	0.0062	0.0016	0.0415	U	7.00 - 11.00
5C-00060	10247	Pu-239/240	0.0004	0.0062	0.0013	0.0404	U	7.00 - 11.00
5C-00060	10247	Pu-244	0.0021	0.0028	0.0015	0.0313		7.00 - 11.00
5C-00060	10247	Rn-220	1.19	0.02	0.11	--		7.00 - 11.00
5C-00060	10247	Rn-222	0.891	0.022	0.048	--		7.00 - 11.00
5C-00060	10247	Sb-125	0.143	0.036	0.011	0.354	S K	7.00 - 11.00
5C-00060	10247	Sn-126	-0.0007	0.013	0.004	0.0237	U	7.00 - 11.00
5C-00060	10247	Sr-90	0.013	0.053	0.016	0.485	U	7.00 - 11.00
5C-00060	10247	Te-125m	0.0329	0.0083	0.0025	0.0838	S K	7.00 - 11.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00060	10247	Th-228	1.22	0.015	0.06	3.98		7.00 - 11.00
5C-00060	10247	Th-229	0.0063	0.011	0.0037	0.145		7.00 - 11.00
5C-00060	10247	Th-230	0.832	0.007	0.043	2.2		7.00 - 11.00
5C-00060	10247	Th-232	1.12	0.006	0.056	3.1		7.00 - 11.00
5C-00060	10247	Th-234	1.43	0.13	0.083	3.19	R	7.00 - 11.00
5C-00060	10247	Tl-208	0.444	0.017	0.018	0.937		7.00 - 11.00
5C-00060	10247	Tm-171	-1.2	5.5	1.7	72.4	U	7.00 - 11.00
5C-00060	10247	U-233/234	0.712	0.008	0.04	2.02		7.00 - 11.00
5C-00060	10247	U-235/236	0.0343	0.0094	0.007	0.151		7.00 - 11.00
5C-00060	10247	U-238	0.711	0.003	0.04	1.8		7.00 - 11.00
5C-00061	10089	Ac-227	0.084	0.094	0.019	0.217		0.00 - 0.50
5C-00061	10089	Ac-228	1.19	0.062	0.042	2.4		0.00 - 0.50
5C-00061	10089	Ag-108	-0.0033	0.0012	0.0004	--	R	0.00 - 0.50
5C-00061	10089	Ag-108m	-0.0351	0.013	0.0044	--	R	0.00 - 0.50
5C-00061	10089	Am-241	-0.0008	0.0072	0.0015	0.0454	U	0.00 - 0.50
5C-00061	10089	Ba-133	-0.0242	0.016	0.0051	--	R	0.00 - 0.50
5C-00061	10089	Ba-137m	0.0388	0.0096	0.0048	--		0.00 - 0.50
5C-00061	10089	Bi-212	1.05	0.12	0.077	2.15		0.00 - 0.50
5C-00061	10089	Bi-214	0.807	0.02	0.031	1.59		0.00 - 0.50
5C-00061	10089	Cd-113m	-0.3	34	10	3030	U	0.00 - 0.50
5C-00061	10089	Cf-249	0.018	0.048	0.014	--	U	0.00 - 0.50
5C-00061	10089	Cm-243/244	-0.0008	0.0056	0.0009	0.0443	U	0.00 - 0.50
5C-00061	10089	Cm-245/246	-0.0013	0.0098	0.0015	0.0401	U	0.00 - 0.50
5C-00061	10089	Cm-247/248	0.0013	0.0036	0.0013	0.0306	U	0.00 - 0.50
5C-00061	10089	Co-60	0.004	0.014	0.0043	0.028	U	0.00 - 0.50
5C-00061	10089	Cs-134	0.0156	0.036	0.0046	0.0864	U	0.00 - 0.50
5C-00061	10089	Cs-137	0.041	0.01	0.005	0.207		0.00 - 0.50
5C-00061	10089	Eu-152	-0.0207	0.031	0.0094	0.0566	UL	0.00 - 0.50
5C-00061	10089	Eu-154	0.0312	0.071	0.0095	0.15	U	0.00 - 0.50
5C-00061	10089	Eu-155	0.069	0.029	0.011	0.231		0.00 - 0.50
5C-00061	10089	Ho-166m	0.0054	0.02	0.0056	0.0432	U	0.00 - 0.50
5C-00061	10089	K-40	20.5	0.14	0.68	32.4		0.00 - 0.50
5C-00061	10089	Na-22	0.0052	0.019	0.0057	0.037	U	0.00 - 0.50
5C-00061	10089	Nb-94	0.0099	0.0086	0.0039	0.0214		0.00 - 0.50
5C-00061	10089	Np-236	-0.003	0.027	0.0081	0.047	U	0.00 - 0.50
5C-00061	10089	Np-239	0.014	0.076	0.023	0.139	U	0.00 - 0.50
5C-00061	10089	Pa-231	0.003	0.44	0.13	0.936	U	0.00 - 0.50
5C-00061	10089	Pb-212	1.58	0.022	0.083	2.69		0.00 - 0.50
5C-00061	10089	Pb-214	0.896	0.022	0.034	1.7		0.00 - 0.50
5C-00061	10089	Pu-236	-0.0012	0.0054	0.0009	7.79	U	0.00 - 0.50
5C-00061	10089	Pu-238	-0.0006	0.0042	0.0007	0.0415	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00061	10089	Pu-239/240	0.0017	0.0016	0.001	0.0404		0.00 - 0.50
5C-00061	10089	Pu-244	0.0023	0.0016	0.0012	0.0313		0.00 - 0.50
5C-00061	10089	Rn-220	1.32	0.02	0.11	--		0.00 - 0.50
5C-00061	10089	Rn-222	0.852	0.02	0.046	--		0.00 - 0.50
5C-00061	10089	Sb-125	0.113	0.033	0.0086	0.354		0.00 - 0.50
5C-00061	10089	Sn-126	0.0002	0.013	0.0038	0.0237	U	0.00 - 0.50
5C-00061	10089	Sr-90	0.019	0.036	0.011	0.485	U	0.00 - 0.50
5C-00061	10089	Te-125m	0.0262	0.0076	0.002	0.0838		0.00 - 0.50
5C-00061	10089	Th-228	1.39	0.017	0.071	3.98		0.00 - 0.50
5C-00061	10089	Th-229	0.0054	0.012	0.0037	0.145		0.00 - 0.50
5C-00061	10089	Th-230	0.928	0.01	0.05	2.2		0.00 - 0.50
5C-00061	10089	Th-232	1.29	0.012	0.066	3.1		0.00 - 0.50
5C-00061	10089	Th-234	0.355	0.14	0.045	3.19	R	0.00 - 0.50
5C-00061	10089	Tl-208	0.471	0.016	0.019	0.937		0.00 - 0.50
5C-00061	10089	Tm-171	-2.6	4.9	1.5	72.4	U	0.00 - 0.50
5C-00061	10089	U-233/234	0.755	0.003	0.044	2.02		0.00 - 0.50
5C-00061	10089	U-235/236	0.0448	0.004	0.0084	0.151		0.00 - 0.50
5C-00061	10089	U-238	0.707	0.011	0.042	1.8		0.00 - 0.50
5C-00061	10090	Ac-227	0.091	0.12	0.023	0.217		1.00 - 5.00
5C-00061	10090	Ac-228	1.35	0.09	0.048	2.4		1.00 - 5.00
5C-00061	10090	Ag-108	-0.0046	0.0019	0.0006	--	R U	1.00 - 5.00
5C-00061	10090	Ag-108m	-0.0497	0.02	0.0067	--	R U	1.00 - 5.00
5C-00061	10090	Am-241	-0.0011	0.011	0.0021	0.0454	U	1.00 - 5.00
5C-00061	10090	Ba-133	-0.0722	0.022	0.0078	--	R U	1.00 - 5.00
5C-00061	10090	Ba-137m	0.0189	0.013	0.0043	--		1.00 - 5.00
5C-00061	10090	Bi-212	1.07	0.14	0.079	2.15		1.00 - 5.00
5C-00061	10090	Bi-214	0.994	0.031	0.036	1.59		1.00 - 5.00
5C-00061	10090	Cd-113m	-2	47	14	3030	U	1.00 - 5.00
5C-00061	10090	Cf-249	0.087	0.064	0.029	--	R	1.00 - 5.00
5C-00061	10090	Cm-243/244	-0.0011	0.015	0.0036	0.0443	U	1.00 - 5.00
5C-00061	10090	Cm-245/246	0.0034	0.0018	0.0015	0.0401	K	1.00 - 5.00
5C-00061	10090	Cm-247/248	0.0026	0.0018	0.0013	0.0306		1.00 - 5.00
5C-00061	10090	Co-60	0.0021	0.02	0.0023	0.028	U	1.00 - 5.00
5C-00061	10090	Cs-134	0.0142	0.057	0.0037	0.0864	S K	1.00 - 5.00
5C-00061	10090	Cs-137	0.02	0.014	0.0045	0.207		1.00 - 5.00
5C-00061	10090	Eu-152	0.004	0.035	0.011	0.0566	U	1.00 - 5.00
5C-00061	10090	Eu-154	0.018	0.11	0.017	0.15	U	1.00 - 5.00
5C-00061	10090	Eu-155	0.091	0.039	0.016	0.231	S K	1.00 - 5.00
5C-00061	10090	Ho-166m	0.0297	0.03	0.0044	0.0432	S K	1.00 - 5.00
5C-00061	10090	K-40	21	0.19	0.65	32.4		1.00 - 5.00
5C-00061	10090	Na-22	0.0048	0.025	0.0074	0.037	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00061	10090	Nb-94	0.0064	0.016	0.005	0.0214	S K	1.00 - 5.00
5C-00061	10090	Np-236	0.0005	0.036	0.011	0.047	U	1.00 - 5.00
5C-00061	10090	Np-239	-0.014	0.095	0.029	0.139	U	1.00 - 5.00
5C-00061	10090	Pa-231	-0.01	0.67	0.2	0.936	U	1.00 - 5.00
5C-00061	10090	Pb-212	1.65	0.025	0.05	2.69		1.00 - 5.00
5C-00061	10090	Pb-214	1.06	0.03	0.046	1.7		1.00 - 5.00
5C-00061	10090	Pu-236	0.176	0.005	0.015	7.79		1.00 - 5.00
5C-00061	10090	Pu-236	-0.0022	0.0074	0.0017	7.79	U	1.00 - 5.00
5C-00061	10090	Pu-238	0.003	0.0047	0.0016	0.0415		1.00 - 5.00
5C-00061	10090	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00061	10090	Pu-244	-0.0005	0.0037	0.0006	0.0313	U	1.00 - 5.00
5C-00061	10090	Rn-220	1.36	0.025	0.094	--		1.00 - 5.00
5C-00061	10090	Rn-222	1.03	0.03	0.059	--		1.00 - 5.00
5C-00061	10090	Sb-125	0.191	0.041	0.019	0.354	S K	1.00 - 5.00
5C-00061	10090	Sn-126	0.0004	0.019	0.0056	0.0237	U	1.00 - 5.00
5C-00061	10090	Sr-90	0.037	0.052	0.016	0.485		1.00 - 5.00
5C-00061	10090	Te-125m	0.0442	0.0095	0.0045	0.0838	S K	1.00 - 5.00
5C-00061	10090	Th-228	1.31	0.012	0.066	3.98		1.00 - 5.00
5C-00061	10090	Th-229	0.0043	0.0016	0.0016	0.145		1.00 - 5.00
5C-00061	10090	Th-230	0.825	0.008	0.046	2.2		1.00 - 5.00
5C-00061	10090	Th-232	1.21	0.008	0.062	3.1		1.00 - 5.00
5C-00061	10090	Th-234	0.486	0.19	0.061	3.19	R	1.00 - 5.00
5C-00061	10090	Tl-208	0.521	0.02	0.02	0.937		1.00 - 5.00
5C-00061	10090	Tm-171	0.3	5	1.5	72.4	U	1.00 - 5.00
5C-00061	10090	U-233/234	1.04	0.008	0.056	2.02		1.00 - 5.00
5C-00061	10090	U-235/236	0.0536	0.01	0.0092	0.151		1.00 - 5.00
5C-00061	10090	U-238	0.849	0.003	0.047	1.8		1.00 - 5.00
5C-00062	10091	Ac-227	0.043	0.12	0.044	0.217	U	0.00 - 0.50
5C-00062	10091	Ac-228	1.21	0.058	0.04	2.4		0.00 - 0.50
5C-00062	10091	Ag-108	-0.0033	0.0012	0.0004	--	R	0.00 - 0.50
5C-00062	10091	Ag-108m	-0.0349	0.013	0.0043	--	R	0.00 - 0.50
5C-00062	10091	Am-241	0.0019	0.0069	0.0019	0.0454	U	0.00 - 0.50
5C-00062	10091	Ba-133	-0.0166	0.014	0.0044	--	R	0.00 - 0.50
5C-00062	10091	Ba-137m	0.0279	0.0095	0.0047	--		0.00 - 0.50
5C-00062	10091	Bi-212	0.885	0.1	0.063	2.15		0.00 - 0.50
5C-00062	10091	Bi-214	0.787	0.02	0.027	1.59		0.00 - 0.50
5C-00062	10091	Cd-113m	3	33	10	3030	U	0.00 - 0.50
5C-00062	10091	Cf-249	-0.014	0.053	0.016	--	U	0.00 - 0.50
5C-00062	10091	Cm-243/244	0.0009	0.0068	0.0017	0.0443	U	0.00 - 0.50
5C-00062	10091	Cm-245/246	0.0026	0.0035	0.0018	0.0401	U	0.00 - 0.50
5C-00062	10091	Cm-247/248	-0.0013	0.0094	0.0014	0.0306	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00062	10091	Co-60	-0.0004	0.014	0.0007	0.028	U	0.00 - 0.50
5C-00062	10091	Cs-134	0.0156	0.038	0.0042	0.0864	U	0.00 - 0.50
5C-00062	10091	Cs-137	0.0295	0.01	0.0049	0.207		0.00 - 0.50
5C-00062	10091	Eu-152	-0.0166	0.028	0.0084	0.0566	U	0.00 - 0.50
5C-00062	10091	Eu-154	0.02	0.058	0.017	0.15	U	0.00 - 0.50
5C-00062	10091	Eu-155	0.086	0.028	0.012	0.231		0.00 - 0.50
5C-00062	10091	Ho-166m	0.0105	0.019	0.0076	0.0432		0.00 - 0.50
5C-00062	10091	K-40	20.1	0.12	0.6	32.4		0.00 - 0.50
5C-00062	10091	Na-22	0.0038	0.018	0.0053	0.037	U	0.00 - 0.50
5C-00062	10091	Nb-94	0.0023	0.011	0.0023	0.0214	U	0.00 - 0.50
5C-00062	10091	Np-236	0.0076	0.024	0.0074	0.047	U	0.00 - 0.50
5C-00062	10091	Np-239	-0.007	0.071	0.021	0.139	U	0.00 - 0.50
5C-00062	10091	Pa-231	0.05	0.47	0.14	0.936	U	0.00 - 0.50
5C-00062	10091	Pb-212	1.55	0.021	0.063	2.69		0.00 - 0.50
5C-00062	10091	Pb-214	0.874	0.022	0.029	1.7		0.00 - 0.50
5C-00062	10091	Pu-236	-0.0006	0.0043	0.0007	7.79	U	0.00 - 0.50
5C-00062	10091	Pu-238	-0.0006	0.0043	0.0007	0.0415	U	0.00 - 0.50
5C-00062	10091	Pu-239/240	0	0.0016	0.0007	0.0404	U	0.00 - 0.50
5C-00062	10091	Pu-244	0.0006	0.0016	0.0006	0.0313	U	0.00 - 0.50
5C-00062	10091	Rn-220	1.22	0.021	0.089	--		0.00 - 0.50
5C-00062	10091	Rn-222	0.83	0.02	0.04	--		0.00 - 0.50
5C-00062	10091	Sb-125	0.0962	0.033	0.0073	0.354		0.00 - 0.50
5C-00062	10091	Sn-126	0.0029	0.011	0.0034	0.0237	U	0.00 - 0.50
5C-00062	10091	Sr-90	0.006	0.039	0.012	0.485	U	0.00 - 0.50
5C-00062	10091	Te-125m	0.0222	0.0075	0.0017	0.0838		0.00 - 0.50
5C-00062	10091	Th-228	1.13	0.021	0.06	3.98		0.00 - 0.50
5C-00062	10091	Th-229	0.0082	0.01	0.0039	0.145		0.00 - 0.50
5C-00062	10091	Th-230	0.824	0.008	0.046	2.2		0.00 - 0.50
5C-00062	10091	Th-232	1.09	0.008	0.058	3.1		0.00 - 0.50
5C-00062	10091	Th-234	1.4	0.13	0.075	3.19	R	0.00 - 0.50
5C-00062	10091	Tl-208	0.46	0.015	0.017	0.937		0.00 - 0.50
5C-00062	10091	Tm-171	-0.02	5.6	1.7	72.4	U	0.00 - 0.50
5C-00062	10091	U-233/234	0.812	0.006	0.043	2.02		0.00 - 0.50
5C-00062	10091	U-235/236	0.0386	0.0029	0.0066	0.151		0.00 - 0.50
5C-00062	10091	U-238	0.769	0.002	0.041	1.8		0.00 - 0.50
5C-00062	10092	Ac-227	0.054	0.16	0.051	0.217	U	1.00 - 3.50
5C-00062	10092	Ac-228	1.25	0.096	0.058	2.4		1.00 - 3.50
5C-00062	10092	Ag-108	-0.0023	0.0016	0.0005	--	R U	1.00 - 3.50
5C-00062	10092	Ag-108m	-0.0243	0.018	0.0056	--	R U	1.00 - 3.50
5C-00062	10092	Am-241	0.0037	0.0068	0.0023	0.0454		1.00 - 3.50
5C-00062	10092	Ba-133	-0.0336	0.023	0.0073	--	R U	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00062	10092	Ba-137m	-0.0025	0.018	0.0054	--	U	1.00 - 3.50
5C-00062	10092	Bi-212	1.05	0.15	0.089	2.15		1.00 - 3.50
5C-00062	10092	Bi-214	1.03	0.029	0.037	1.59		1.00 - 3.50
5C-00062	10092	Cd-113m	-2	37	11	3030	U	1.00 - 3.50
5C-00062	10092	Cf-249	0.043	0.069	0.021	--	R	1.00 - 3.50
5C-00062	10092	Cm-243/244	-0.0045	0.015	0.0035	0.0443	U	1.00 - 3.50
5C-00062	10092	Cm-245/246	0.0014	0.0019	0.001	0.0401	U	1.00 - 3.50
5C-00062	10092	Cm-247/248	0.0021	0.0051	0.0016	0.0306		1.00 - 3.50
5C-00062	10092	Co-60	0.0034	0.017	0.0036	0.028	U	1.00 - 3.50
5C-00062	10092	Cs-134	0.0172	0.06	0.0062	0.0864	S K	1.00 - 3.50
5C-00062	10092	Cs-137	-0.0026	0.019	0.0057	0.207	U	1.00 - 3.50
5C-00062	10092	Eu-152	-0.015	0.045	0.014	0.0566	U	1.00 - 3.50
5C-00062	10092	Eu-154	0.019	0.12	0.018	0.15	U	1.00 - 3.50
5C-00062	10092	Eu-155	0.091	0.033	0.013	0.231	S K	1.00 - 3.50
5C-00062	10092	Ho-166m	0.0051	0.027	0.0064	0.0432	S K	1.00 - 3.50
5C-00062	10092	K-40	19.1	0.15	0.59	32.4		1.00 - 3.50
5C-00062	10092	Na-22	0.0085	0.026	0.008	0.037	U	1.00 - 3.50
5C-00062	10092	Nb-94	0.0155	0.014	0.0063	0.0214	S K	1.00 - 3.50
5C-00062	10092	Np-236	0.009	0.035	0.01	0.047	U	1.00 - 3.50
5C-00062	10092	Np-239	0.002	0.099	0.03	0.139	U	1.00 - 3.50
5C-00062	10092	Pa-231	-0.17	0.68	0.21	0.936	U	1.00 - 3.50
5C-00062	10092	Pb-212	1.67	0.025	0.068	2.69		1.00 - 3.50
5C-00062	10092	Pb-214	1.11	0.033	0.039	1.7		1.00 - 3.50
5C-00062	10092	Pu-236	0.16	0.007	0.015	7.79		1.00 - 3.50
5C-00062	10092	Pu-236	-0.0012	0.0044	0.0008	7.79	U	1.00 - 3.50
5C-00062	10092	Pu-238	0.0023	0.0053	0.0017	0.0415		1.00 - 3.50
5C-00062	10092	Pu-239/240	-0.0006	0.0061	0.0014	0.0404	U	1.00 - 3.50
5C-00062	10092	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 3.50
5C-00062	10092	Rn-220	1.36	0.03	0.11	--		1.00 - 3.50
5C-00062	10092	Rn-222	1.07	0.029	0.054	--		1.00 - 3.50
5C-00062	10092	Sb-125	0.155	0.049	0.013	0.354	S K	1.00 - 3.50
5C-00062	10092	Sn-126	0.0014	0.019	0.0057	0.0237	U	1.00 - 3.50
5C-00062	10092	Sr-90	-0.014	0.058	0.016	0.485	U	1.00 - 3.50
5C-00062	10092	Te-125m	0.0359	0.011	0.0031	0.0838	S K	1.00 - 3.50
5C-00062	10092	Th-228	1.41	0.031	0.073	3.98		1.00 - 3.50
5C-00062	10092	Th-229	0.0096	0.0019	0.0026	0.145		1.00 - 3.50
5C-00062	10092	Th-230	1.03	0.003	0.056	2.2		1.00 - 3.50
5C-00062	10092	Th-232	1.36	0.003	0.07	3.1		1.00 - 3.50
5C-00062	10092	Th-234	1.75	0.17	0.099	3.19	R	1.00 - 3.50
5C-00062	10092	Tl-208	0.503	0.022	0.02	0.937		1.00 - 3.50
5C-00062	10092	Tm-171	-1.7	6.4	1.9	72.4	U	1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00062	10092	U-233/234	0.99	0.003	0.052	2.02		1.00 - 3.50
5C-00062	10092	U-235/236	0.0433	0.0089	0.0077	0.151		1.00 - 3.50
5C-00062	10092	U-238	0.997	0.007	0.052	1.8		1.00 - 3.50
5C-00063	10093	Ac-227	0.045	0.16	0.024	0.217	U	1.00 - 5.00
5C-00063	10093	Ac-228	1.32	0.098	0.051	2.4		1.00 - 5.00
5C-00063	10093	Ag-108	-0.0016	0.0016	0.0005	--	R U	1.00 - 5.00
5C-00063	10093	Ag-108m	-0.0176	0.018	0.0055	--	R U	1.00 - 5.00
5C-00063	10093	Am-241	0.0024	0.0089	0.0025	0.0454	U	1.00 - 5.00
5C-00063	10093	Ba-133	-0.137	0.031	0.011	--	R U	1.00 - 5.00
5C-00063	10093	Ba-137m	0.0089	0.018	0.0054	--		1.00 - 5.00
5C-00063	10093	Bi-212	0.948	0.12	0.068	2.15		1.00 - 5.00
5C-00063	10093	Bi-214	1	0.03	0.037	1.59		1.00 - 5.00
5C-00063	10093	Cd-113m	8	36	11	3030	U	1.00 - 5.00
5C-00063	10093	Cf-249	-0.064	0.076	0.023	--	L U R	1.00 - 5.00
5C-00063	10093	Cm-243/244	-0.0036	0.016	0.0034	0.0443	U	1.00 - 5.00
5C-00063	10093	Cm-245/246	0.0036	0.0016	0.0015	0.0401		1.00 - 5.00
5C-00063	10093	Cm-247/248	0	0.0016	0.0007	0.0306	U	1.00 - 5.00
5C-00063	10093	Co-60	0.0008	0.019	0.0056	0.028	U	1.00 - 5.00
5C-00063	10093	Cs-134	-0.0027	0.067	0.0071	0.0864	S K	1.00 - 5.00
5C-00063	10093	Cs-137	0.0094	0.019	0.0057	0.207		1.00 - 5.00
5C-00063	10093	Eu-152	0.0017	0.045	0.0026	0.0566	U	1.00 - 5.00
5C-00063	10093	Eu-154	0.013	0.11	0.015	0.15	U	1.00 - 5.00
5C-00063	10093	Eu-155	0.091	0.045	0.018	0.231	S K	1.00 - 5.00
5C-00063	10093	Ho-166m	0.02	0.026	0.01	0.0432	S K	1.00 - 5.00
5C-00063	10093	K-40	18.8	0.13	0.58	32.4		1.00 - 5.00
5C-00063	10093	Na-22	-0.0092	0.025	0.0075	0.037	U	1.00 - 5.00
5C-00063	10093	Nb-94	0.0073	0.015	0.0047	0.0214	S K	1.00 - 5.00
5C-00063	10093	Np-236	-0.015	0.041	0.012	0.047	U	1.00 - 5.00
5C-00063	10093	Np-239	0.006	0.1	0.031	0.139	U	1.00 - 5.00
5C-00063	10093	Pa-231	0.06	0.71	0.12	0.936	U	1.00 - 5.00
5C-00063	10093	Pb-212	1.42	0.03	0.044	2.69		1.00 - 5.00
5C-00063	10093	Pb-214	1.06	0.027	0.045	1.7		1.00 - 5.00
5C-00063	10093	Pu-236	0.154	0.006	0.015	7.79		1.00 - 5.00
5C-00063	10093	Pu-236	0	0.0096	0.0026	7.79	U	1.00 - 5.00
5C-00063	10093	Pu-238	0.0028	0.0061	0.0019	0.0415		1.00 - 5.00
5C-00063	10093	Pu-239/240	-0.0006	0.0042	0.0006	0.0404	U	1.00 - 5.00
5C-00063	10093	Pu-244	0.0006	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00063	10093	Rn-220	1.18	0.03	0.081	--		1.00 - 5.00
5C-00063	10093	Rn-222	1.03	0.027	0.058	--		1.00 - 5.00
5C-00063	10093	Sb-125	0.141	0.037	0.013	0.354	S K	1.00 - 5.00
5C-00063	10093	Sn-126	0.0031	0.018	0.0054	0.0237	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00063	10093	Sr-90	-0.014	0.063	0.018	0.485	U	1.00 - 5.00
5C-00063	10093	Te-125m	0.0327	0.0085	0.0029	0.0838	S K	1.00 - 5.00
5C-00063	10093	Th-228	1.29	0.018	0.067	3.98		1.00 - 5.00
5C-00063	10093	Th-229	0.0054	0.0018	0.0019	0.145		1.00 - 5.00
5C-00063	10093	Th-230	0.949	0.011	0.052	2.2		1.00 - 5.00
5C-00063	10093	Th-232	1.27	0.011	0.066	3.1		1.00 - 5.00
5C-00063	10093	Th-234	1.53	0.23	0.09	3.19	R	1.00 - 5.00
5C-00063	10093	Tl-208	0.518	0.019	0.02	0.937		1.00 - 5.00
5C-00063	10093	Tm-171	-10.3	10	3.2	72.4	R U	1.00 - 5.00
5C-00063	10093	U-233/234	0.824	0.009	0.045	2.02		1.00 - 5.00
5C-00063	10093	U-235/236	0.0537	0.0092	0.0087	0.151		1.00 - 5.00
5C-00063	10093	U-238	0.817	0.003	0.045	1.8		1.00 - 5.00
5C-00064	10094	Ac-227	0.06	0.12	0.012	0.217	U	1.00 - 5.00
5C-00064	10094	Ac-228	1.22	0.059	0.04	2.4		1.00 - 5.00
5C-00064	10094	Ag-108	-0.0011	0.0012	0.0004	--	L U R	1.00 - 5.00
5C-00064	10094	Ag-108m	-0.0116	0.013	0.0039	--	L U R	1.00 - 5.00
5C-00064	10094	Am-241	0.0052	0.012	0.0038	0.0454		1.00 - 5.00
5C-00064	10094	Ba-133	-0.0106	0.014	0.0044	--	L U R	1.00 - 5.00
5C-00064	10094	Ba-137m	0.0039	0.013	0.0038	--	U	1.00 - 5.00
5C-00064	10094	Bi-212	0.935	0.096	0.059	2.15		1.00 - 5.00
5C-00064	10094	Bi-214	0.886	0.024	0.031	1.59		1.00 - 5.00
5C-00064	10094	Cd-113m	3	35	11	3030	U	1.00 - 5.00
5C-00064	10094	Cf-249	0.036	0.048	0.015	--	R	1.00 - 5.00
5C-00064	10094	Cm-243/244	0.0026	0.015	0.0042	0.0443	U	1.00 - 5.00
5C-00064	10094	Cm-245/246	0.0033	0.0018	0.0015	0.0401	K	1.00 - 5.00
5C-00064	10094	Cm-247/248	0.0032	0.0017	0.0015	0.0306		1.00 - 5.00
5C-00064	10094	Co-60	0.0012	0.014	0.0043	0.028	U	1.00 - 5.00
5C-00064	10094	Cs-134	0.0137	0.037	0.0033	0.0864	S K	1.00 - 5.00
5C-00064	10094	Cs-137	0.0041	0.013	0.004	0.207	U	1.00 - 5.00
5C-00064	10094	Eu-152	-0.0016	0.033	0.0098	0.0566	U	1.00 - 5.00
5C-00064	10094	Eu-154	0.014	0.075	0.012	0.15	U	1.00 - 5.00
5C-00064	10094	Eu-155	0.066	0.03	0.012	0.231	S K	1.00 - 5.00
5C-00064	10094	Ho-166m	0.0078	0.018	0.005	0.0432	S K	1.00 - 5.00
5C-00064	10094	K-40	19	0.14	0.57	32.4		1.00 - 5.00
5C-00064	10094	Na-22	0.0033	0.018	0.0053	0.037	U	1.00 - 5.00
5C-00064	10094	Nb-94	0.0037	0.012	0.0036	0.0214	S K	1.00 - 5.00
5C-00064	10094	Np-236	-0.0019	0.028	0.0083	0.047	U	1.00 - 5.00
5C-00064	10094	Np-239	-0.005	0.075	0.023	0.139	U	1.00 - 5.00
5C-00064	10094	Pa-231	-0.008	0.49	0.15	0.936	U	1.00 - 5.00
5C-00064	10094	Pb-212	1.54	0.02	0.062	2.69		1.00 - 5.00
5C-00064	10094	Pb-214	1.01	0.023	0.034	1.7		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00064	10094	Pu-236	0.164	0.007	0.015	7.79		1.00 - 5.00
5C-00064	10094	Pu-236	-0.0017	0.0068	0.0014	7.79	U	1.00 - 5.00
5C-00064	10094	Pu-238	0.0048	0.0039	0.0018	0.0415		1.00 - 5.00
5C-00064	10094	Pu-239/240	0	0.0039	0.0008	0.0404	U	1.00 - 5.00
5C-00064	10094	Pu-244	0	0.0039	0.0008	0.0313	U	1.00 - 5.00
5C-00064	10094	Rn-220	1.24	0.02	0.085	--		1.00 - 5.00
5C-00064	10094	Rn-222	0.95	0.023	0.046	--		1.00 - 5.00
5C-00064	10094	Sb-125	0.131	0.032	0.0097	0.354	S K	1.00 - 5.00
5C-00064	10094	Sn-126	-0.0001	0.012	0.0035	0.0237	U	1.00 - 5.00
5C-00064	10094	Sr-90	-0.018	0.06	0.017	0.485	U	1.00 - 5.00
5C-00064	10094	Te-125m	0.0303	0.0073	0.0022	0.0838	S K	1.00 - 5.00
5C-00064	10094	Th-228	1.47	0.021	0.075	3.98		1.00 - 5.00
5C-00064	10094	Th-229	0.0037	0.002	0.0017	0.145		1.00 - 5.00
5C-00064	10094	Th-230	1.04	0.003	0.057	2.2		1.00 - 5.00
5C-00064	10094	Th-232	1.27	0.003	0.066	3.1		1.00 - 5.00
5C-00064	10094	Th-234	1.5	0.14	0.081	3.19	R	1.00 - 5.00
5C-00064	10094	Tl-208	0.452	0.014	0.016	0.937		1.00 - 5.00
5C-00064	10094	Tm-171	-4.1	5.1	1.6	72.4	L U	1.00 - 5.00
5C-00064	10094	U-233/234	0.805	0.009	0.046	2.02		1.00 - 5.00
5C-00064	10094	U-235/236	0.0438	0.012	0.0088	0.151		1.00 - 5.00
5C-00064	10094	U-238	0.876	0.003	0.05	1.8		1.00 - 5.00
5C-00065	10095	Ac-227	0.048	0.14	0.043	0.217	U	0.00 - 0.50
5C-00065	10095	Ac-228	1.12	0.084	0.04	2.4		0.00 - 0.50
5C-00065	10095	Ag-108	-0.0016	0.0013	0.0004	--	R	0.00 - 0.50
5C-00065	10095	Ag-108m	-0.0176	0.014	0.0045	--	R	0.00 - 0.50
5C-00065	10095	Am-241	-0.0032	0.013	0.0026	0.0454	U	0.00 - 0.50
5C-00065	10095	Ba-133	-0.0845	0.022	0.0077	--	R	0.00 - 0.50
5C-00065	10095	Ba-137m	0.0571	0.012	0.0061	--		0.00 - 0.50
5C-00065	10095	Bi-212	1.08	0.14	0.09	2.15		0.00 - 0.50
5C-00065	10095	Bi-214	0.852	0.023	0.03	1.59		0.00 - 0.50
5C-00065	10095	Cd-113m	2.9	30	9.1	3030	U	0.00 - 0.50
5C-00065	10095	Cf-249	0.016	0.064	0.019	--	U	0.00 - 0.50
5C-00065	10095	Cm-243/244	0	0.0029	0.0012	0.0443	U	0.00 - 0.50
5C-00065	10095	Cm-245/246	0.0031	0.011	0.0032	0.0401	U	0.00 - 0.50
5C-00065	10095	Cm-247/248	-0.001	0.0074	0.0011	0.0306	U	0.00 - 0.50
5C-00065	10095	Co-60	-0.0016	0.02	0.0059	0.028	U	0.00 - 0.50
5C-00065	10095	Cs-134	0.0211	0.052	0.0071	0.0864	U	0.00 - 0.50
5C-00065	10095	Cs-137	0.0604	0.013	0.0065	0.207		0.00 - 0.50
5C-00065	10095	Eu-152	-0.012	0.039	0.012	0.0566	U	0.00 - 0.50
5C-00065	10095	Eu-154	0.0058	0.1	0.0065	0.15	U	0.00 - 0.50
5C-00065	10095	Eu-155	0.077	0.033	0.014	0.231		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00065	10095	Ho-166m	0.0035	0.025	0.0075	0.0432	U	0.00 - 0.50
5C-00065	10095	K-40	19.7	0.13	0.6	32.4		0.00 - 0.50
5C-00065	10095	Na-22	0.0092	0.018	0.0056	0.037		0.00 - 0.50
5C-00065	10095	Nb-94	0.0028	0.014	0.0041	0.0214	U	0.00 - 0.50
5C-00065	10095	Np-236	0.005	0.029	0.0087	0.047	U	0.00 - 0.50
5C-00065	10095	Np-239	0.02	0.077	0.023	0.139	U	0.00 - 0.50
5C-00065	10095	Pa-231	0.02	0.58	0.17	0.936	U	0.00 - 0.50
5C-00065	10095	Pb-212	1.57	0.024	0.064	2.69		0.00 - 0.50
5C-00065	10095	Pb-214	0.935	0.026	0.033	1.7		0.00 - 0.50
5C-00065	10095	Pu-236	-0.0005	0.0035	0.0005	7.79	U	0.00 - 0.50
5C-00065	10095	Pu-238	0.0005	0.0013	0.0005	0.0415	U	0.00 - 0.50
5C-00065	10095	Pu-239/240	0.0029	0.0013	0.0012	0.0404		0.00 - 0.50
5C-00065	10095	Pu-244	0.0028	0.0013	0.0012	0.0313		0.00 - 0.50
5C-00065	10095	Rn-220	1.32	0.02	0.11	--		0.00 - 0.50
5C-00065	10095	Rn-222	0.893	0.023	0.045	--		0.00 - 0.50
5C-00065	10095	Sb-125	0.141	0.042	0.012	0.354		0.00 - 0.50
5C-00065	10095	Sn-126	0.0001	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00065	10095	Sr-90	0.008	0.037	0.011	0.485	U	0.00 - 0.50
5C-00065	10095	Te-125m	0.0325	0.0098	0.0028	0.0838		0.00 - 0.50
5C-00065	10095	Th-228	1.23	0.002	0.061	3.98		0.00 - 0.50
5C-00065	10095	Th-229	0.0041	0.015	0.0042	0.145	U	0.00 - 0.50
5C-00065	10095	Th-230	0.902	0.006	0.047	2.2		0.00 - 0.50
5C-00065	10095	Th-232	1.31	0.002	0.064	3.1		0.00 - 0.50
5C-00065	10095	Th-234	1.39	0.14	0.079	3.19	R	0.00 - 0.50
5C-00065	10095	Tl-208	0.474	0.019	0.019	0.937		0.00 - 0.50
5C-00065	10095	Tm-171	-1.3	6.4	1.9	72.4	U	0.00 - 0.50
5C-00065	10095	U-233/234	0.775	0.014	0.045	2.02		0.00 - 0.50
5C-00065	10095	U-235/236	0.0421	0.0042	0.0083	0.151		0.00 - 0.50
5C-00065	10095	U-238	0.782	0.012	0.045	1.8		0.00 - 0.50
5C-00065	10096	Ac-227	0.058	0.15	0.044	0.217	U	1.00 - 3.50
5C-00065	10096	Ac-228	1.3	0.091	0.049	2.4		1.00 - 3.50
5C-00065	10096	Ag-108	-0.0014	0.0017	0.0005	--	L U R	1.00 - 3.50
5C-00065	10096	Ag-108m	-0.0145	0.019	0.0058	--	L U R	1.00 - 3.50
5C-00065	10096	Am-241	-0.0026	0.011	0.0022	0.0454	U	1.00 - 3.50
5C-00065	10096	Ba-133	-0.134	0.032	0.011	--	R U	1.00 - 3.50
5C-00065	10096	Ba-137m	-0.0008	0.018	0.0054	--	U	1.00 - 3.50
5C-00065	10096	Bi-212	1.11	0.14	0.087	2.15		1.00 - 3.50
5C-00065	10096	Bi-214	0.97	0.029	0.035	1.59		1.00 - 3.50
5C-00065	10096	Cd-113m	0.4	49	15	3030	U	1.00 - 3.50
5C-00065	10096	Cf-249	0.0029	0.11	0.0027	--	U R	1.00 - 3.50
5C-00065	10096	Cm-243/244	0.0026	0.0063	0.002	0.0443		1.00 - 3.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00065	10096	Cm-245/246	0.002	0.0048	0.0015	0.0401	K	1.00 - 3.50
5C-00065	10096	Cm-247/248	0.0026	0.0017	0.0013	0.0306		1.00 - 3.50
5C-00065	10096	Co-60	0.0001	0.022	0.0064	0.028	U	1.00 - 3.50
5C-00065	10096	Cs-134	0.0208	0.069	0.0056	0.0864	S K	1.00 - 3.50
5C-00065	10096	Cs-137	-0.0009	0.019	0.0057	0.207	U	1.00 - 3.50
5C-00065	10096	Eu-152	-0.009	0.047	0.014	0.0566	U	1.00 - 3.50
5C-00065	10096	Eu-154	0.117	0.087	0.043	0.15		1.00 - 3.50
5C-00065	10096	Eu-155	0.105	0.05	0.021	0.231	S K	1.00 - 3.50
5C-00065	10096	Ho-166m	0.0088	0.025	0.0061	0.0432	S K	1.00 - 3.50
5C-00065	10096	K-40	19.3	0.15	0.6	32.4		1.00 - 3.50
5C-00065	10096	Na-22	0	0.017	0.005	0.037	U	1.00 - 3.50
5C-00065	10096	Nb-94	0.006	0.016	0.0049	0.0214	S K	1.00 - 3.50
5C-00065	10096	Np-236	-0.006	0.043	0.013	0.047	U	1.00 - 3.50
5C-00065	10096	Np-239	0.028	0.11	0.033	0.139	U	1.00 - 3.50
5C-00065	10096	Pa-231	-0.12	0.66	0.2	0.936	U	1.00 - 3.50
5C-00065	10096	Pb-212	1.41	0.032	0.045	2.69		1.00 - 3.50
5C-00065	10096	Pb-214	1.09	0.034	0.048	1.7		1.00 - 3.50
5C-00065	10096	Pu-236	0.158	0.006	0.015	7.79		1.00 - 3.50
5C-00065	10096	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 3.50
5C-00065	10096	Pu-238	0.0017	0.0053	0.0016	0.0415	U	1.00 - 3.50
5C-00065	10096	Pu-239/240	0	0.0015	0.0006	0.0404	U	1.00 - 3.50
5C-00065	10096	Pu-244	0	0.0015	0.0006	0.0313	U	1.00 - 3.50
5C-00065	10096	Rn-220	1.26	0.032	0.098	--		1.00 - 3.50
5C-00065	10096	Rn-222	1.03	0.029	0.06	--		1.00 - 3.50
5C-00065	10096	Sb-125	0.168	0.029	0.014	0.354	S K	1.00 - 3.50
5C-00065	10096	Sn-126	-0.0003	0.02	0.006	0.0237	U	1.00 - 3.50
5C-00065	10096	Sr-90	0.02	0.049	0.015	0.485	U	1.00 - 3.50
5C-00065	10096	Te-125m	0.0388	0.0067	0.0032	0.0838	S K	1.00 - 3.50
5C-00065	10096	Th-228	1.29	0.02	0.066	3.98		1.00 - 3.50
5C-00065	10096	Th-229	0.0041	0.0018	0.0017	0.145		1.00 - 3.50
5C-00065	10096	Th-230	0.898	0.008	0.05	2.2		1.00 - 3.50
5C-00065	10096	Th-232	1.23	0.011	0.064	3.1		1.00 - 3.50
5C-00065	10096	Th-234	1.55	0.24	0.092	3.19	R	1.00 - 3.50
5C-00065	10096	Tl-208	0.508	0.02	0.02	0.937		1.00 - 3.50
5C-00065	10096	Tm-171	-15.4	10	3.3	72.4	R U	1.00 - 3.50
5C-00065	10096	U-233/234	0.849	0.005	0.043	2.02		1.00 - 3.50
5C-00065	10096	U-235/236	0.0395	0.0024	0.0061	0.151		1.00 - 3.50
5C-00065	10096	U-238	0.881	0.002	0.045	1.8		1.00 - 3.50
5C-00066	10097	Ac-227	0.057	0.14	0.053	0.217	U	0.00 - 0.50
5C-00066	10097	Ac-228	1.15	0.075	0.039	2.4		0.00 - 0.50
5C-00066	10097	Ag-108	-0.0011	0.0013	0.0004	--	UL	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00066	10097	Ag-108m	-0.0123	0.014	0.0044	--	UL	0.00 - 0.50
5C-00066	10097	Am-241	0.0027	0.005	0.0017	0.0454		0.00 - 0.50
5C-00066	10097	Ba-133	-0.0866	0.022	0.0075	--	R	0.00 - 0.50
5C-00066	10097	Ba-137m	0.0374	0.011	0.0056	--		0.00 - 0.50
5C-00066	10097	Bi-212	0.962	0.12	0.073	2.15		0.00 - 0.50
5C-00066	10097	Bi-214	0.849	0.025	0.031	1.59		0.00 - 0.50
5C-00066	10097	Cd-113m	2	38	11	3030	U	0.00 - 0.50
5C-00066	10097	Cf-249	-0.014	0.046	0.014	--	U	0.00 - 0.50
5C-00066	10097	Cm-243/244	0.0007	0.0018	0.0007	0.0443	U	0.00 - 0.50
5C-00066	10097	Cm-245/246	0.0019	0.007	0.002	0.0401	U	0.00 - 0.50
5C-00066	10097	Cm-247/248	0.0009	0.0025	0.0009	0.0306	U	0.00 - 0.50
5C-00066	10097	Co-60	0.0069	0.015	0.0047	0.028	U	0.00 - 0.50
5C-00066	10097	Cs-134	0.0079	0.047	0.0029	0.0864	U	0.00 - 0.50
5C-00066	10097	Cs-137	0.0396	0.012	0.0059	0.207		0.00 - 0.50
5C-00066	10097	Eu-152	-0.016	0.035	0.011	0.0566	U	0.00 - 0.50
5C-00066	10097	Eu-154	-0.016	0.097	0.029	0.15	U	0.00 - 0.50
5C-00066	10097	Eu-155	0.063	0.032	0.013	0.231		0.00 - 0.50
5C-00066	10097	Ho-166m	0.0061	0.023	0.0069	0.0432	UJ	0.00 - 0.50
5C-00066	10097	K-40	18.2	0.12	0.55	32.4		0.00 - 0.50
5C-00066	10097	Na-22	0.0014	0.023	0.0067	0.037	U	0.00 - 0.50
5C-00066	10097	Nb-94	0.0051	0.013	0.004	0.0214	U	0.00 - 0.50
5C-00066	10097	Np-236	-0.0026	0.029	0.0088	0.047	U	0.00 - 0.50
5C-00066	10097	Np-239	-0.006	0.081	0.024	0.139	U	0.00 - 0.50
5C-00066	10097	Pa-231	0.33	0.44	0.14	0.936		0.00 - 0.50
5C-00066	10097	Pb-212	1.49	0.022	0.061	2.69		0.00 - 0.50
5C-00066	10097	Pb-214	0.883	0.026	0.031	1.7		0.00 - 0.50
5C-00066	10097	Pu-236	-0.0037	0.011	0.0023	7.79	U	0.00 - 0.50
5C-00066	10097	Pu-238	0.0014	0.0056	0.0015	0.0415	U	0.00 - 0.50
5C-00066	10097	Pu-239/240	0.0023	0.0021	0.0013	0.0404		0.00 - 0.50
5C-00066	10097	Pu-244	0.0023	0.0021	0.0013	0.0313		0.00 - 0.50
5C-00066	10097	Rn-220	1.23	0.022	0.095	--		0.00 - 0.50
5C-00066	10097	Rn-222	0.866	0.025	0.044	--		0.00 - 0.50
5C-00066	10097	Sb-125	0.142	0.039	0.012	0.354		0.00 - 0.50
5C-00066	10097	Sn-126	0.0039	0.015	0.0044	0.0237	U	0.00 - 0.50
5C-00066	10097	Sr-90	0.055	0.057	0.018	0.485		0.00 - 0.50
5C-00066	10097	Te-125m	0.0329	0.0089	0.0027	0.0838		0.00 - 0.50
5C-00066	10097	Th-228	1.27	0.011	0.064	3.98		0.00 - 0.50
5C-00066	10097	Th-229	0.0106	0.0098	0.0043	0.145		0.00 - 0.50
5C-00066	10097	Th-230	0.898	0.007	0.047	2.2		0.00 - 0.50
5C-00066	10097	Th-232	1.21	0.002	0.061	3.1		0.00 - 0.50
5C-00066	10097	Th-234	0.58	0.13	0.047	3.19	R	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00066	10097	Tl-208	0.455	0.016	0.017	0.937		0.00 - 0.50
5C-00066	10097	Tm-171	-4.6	4.8	1.5	72.4	R	0.00 - 0.50
5C-00066	10097	U-233/234	0.632	0.004	0.033	2.02		0.00 - 0.50
5C-00066	10097	U-235/236	0.034	0.002	0.0053	0.151		0.00 - 0.50
5C-00066	10097	U-238	0.652	0.002	0.034	1.8		0.00 - 0.50
5C-00066	10098	Ac-227	0.031	0.08	0.016	0.217	U	1.00 - 4.00
5C-00066	10098	Ac-228	1.23	0.057	0.04	2.4		1.00 - 4.00
5C-00066	10098	Ag-108	-0.002	0.0011	0.0004	--	R	1.00 - 4.00
5C-00066	10098	Ag-108m	-0.0212	0.012	0.0038	--	R	1.00 - 4.00
5C-00066	10098	Am-241	0.0031	0.0057	0.0019	0.0454		1.00 - 4.00
5C-00066	10098	Ba-133	-0.0661	0.016	0.0056	--	R	1.00 - 4.00
5C-00066	10098	Ba-137m	-0.0082	0.011	0.0035	--	UL	1.00 - 4.00
5C-00066	10098	Bi-212	0.909	0.1	0.063	2.15		1.00 - 4.00
5C-00066	10098	Bi-214	1.07	0.02	0.035	1.59		1.00 - 4.00
5C-00066	10098	Cd-113m	8.1	31	9.3	3030	U	1.00 - 4.00
5C-00066	10098	Cf-249	0.027	0.047	0.014	--		1.00 - 4.00
5C-00066	10098	Cm-243/244	-0.0008	0.012	0.0031	0.0443	U	1.00 - 4.00
5C-00066	10098	Cm-245/246	0.0032	0.0058	0.002	0.0401		1.00 - 4.00
5C-00066	10098	Cm-247/248	0.0015	0.0021	0.0011	0.0306	U	1.00 - 4.00
5C-00066	10098	Co-60	-0.0018	0.013	0.0039	0.028	U	1.00 - 4.00
5C-00066	10098	Cs-134	0.0101	0.036	0.003	0.0864	U	1.00 - 4.00
5C-00066	10098	Cs-137	-0.0087	0.012	0.0037	0.207	UL	1.00 - 4.00
5C-00066	10098	Eu-152	0.0045	0.031	0.0041	0.0566	U	1.00 - 4.00
5C-00066	10098	Eu-154	-0.038	0.069	0.021	0.15	U	1.00 - 4.00
5C-00066	10098	Eu-155	0.084	0.029	0.012	0.231	J	1.00 - 4.00
5C-00066	10098	Ho-166m	-0.0004	0.017	0.0004	0.0432	U	1.00 - 4.00
5C-00066	10098	K-40	18.5	0.13	0.55	32.4		1.00 - 4.00
5C-00066	10098	Na-22	-0.0002	0.017	0.005	0.037	U	1.00 - 4.00
5C-00066	10098	Nb-94	0.0051	0.011	0.0032	0.0214	U	1.00 - 4.00
5C-00066	10098	Np-236	0.0002	0.026	0.0078	0.047	U	1.00 - 4.00
5C-00066	10098	Np-239	-0.002	0.073	0.022	0.139	U	1.00 - 4.00
5C-00066	10098	Pa-231	-0.06	0.4	0.12	0.936	U	1.00 - 4.00
5C-00066	10098	Pb-212	1.49	0.022	0.06	2.69		1.00 - 4.00
5C-00066	10098	Pb-214	1.21	0.022	0.039	1.7		1.00 - 4.00
5C-00066	10098	Pu-236	0	0.0019	0.0008	7.79	U	1.00 - 4.00
5C-00066	10098	Pu-238	0.0029	0.0042	0.0016	0.0415		1.00 - 4.00
5C-00066	10098	Pu-239/240	0.0006	0.0016	0.0006	0.0404	U	1.00 - 4.00
5C-00066	10098	Pu-244	-0.0006	0.0042	0.0006	0.0313	U	1.00 - 4.00
5C-00066	10098	Rn-220	1.2	0.022	0.087	--		1.00 - 4.00
5C-00066	10098	Rn-222	1.14	0.02	0.052	--		1.00 - 4.00
5C-00066	10098	Sb-125	0.152	0.028	0.013	0.354		1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00066	10098	Sn-126	0.0022	0.012	0.0037	0.0237	U	1.00 - 4.00
5C-00066	10098	Sr-90	-0.022	0.062	0.017	0.485	U	1.00 - 4.00
5C-00066	10098	Te-125m	0.0351	0.0064	0.003	0.0838		1.00 - 4.00
5C-00066	10098	Th-228	1.22	0.012	0.065	3.98		1.00 - 4.00
5C-00066	10098	Th-229	0.0063	0.0077	0.003	0.145		1.00 - 4.00
5C-00066	10098	Th-230	1.15	0.009	0.061	2.2		1.00 - 4.00
5C-00066	10098	Th-232	1.25	0.009	0.066	3.1		1.00 - 4.00
5C-00066	10098	Th-234	1.59	0.13	0.08	3.19	J R	1.00 - 4.00
5C-00066	10098	Tl-208	0.465	0.014	0.017	0.937		1.00 - 4.00
5C-00066	10098	Tm-171	-5.2	4.4	1.4	72.4	R	1.00 - 4.00
5C-00066	10098	U-233/234	1.08	0.011	0.057	2.02		1.00 - 4.00
5C-00066	10098	U-235/236	0.0578	0.01	0.0096	0.151		1.00 - 4.00
5C-00066	10098	U-238	1.07	0.003	0.057	1.8		1.00 - 4.00
5C-00067	10099	Ac-227	0.116	0.11	0.033	0.217		0.00 - 0.50
5C-00067	10099	Ac-228	1.18	0.084	0.041	2.4		0.00 - 0.50
5C-00067	10099	Ag-108	-0.0014	0.0014	0.0004	--	R	0.00 - 0.50
5C-00067	10099	Ag-108m	-0.0151	0.015	0.0047	--	R	0.00 - 0.50
5C-00067	10099	Am-241	0.0033	0.006	0.0021	0.0454		0.00 - 0.50
5C-00067	10099	Ba-133	-0.118	0.025	0.009	--	R	0.00 - 0.50
5C-00067	10099	Ba-137m	0.0218	0.011	0.0049	--		0.00 - 0.50
5C-00067	10099	Bi-212	1.02	0.15	0.089	2.15		0.00 - 0.50
5C-00067	10099	Bi-214	1.03	0.025	0.036	1.59		0.00 - 0.50
5C-00067	10099	Cd-113m	8	38	12	3030	U	0.00 - 0.50
5C-00067	10099	Cf-249	-0.011	0.06	0.018	--	U	0.00 - 0.50
5C-00067	10099	Cm-243/244	0	0.0075	0.0017	0.0443	U	0.00 - 0.50
5C-00067	10099	Cm-245/246	0.001	0.0093	0.0023	0.0401	U	0.00 - 0.50
5C-00067	10099	Cm-247/248	0.0029	0.0072	0.0023	0.0306		0.00 - 0.50
5C-00067	10099	Co-60	0.0017	0.02	0.0016	0.028	U	0.00 - 0.50
5C-00067	10099	Cs-134	0.0134	0.055	0.0053	0.0864	U	0.00 - 0.50
5C-00067	10099	Cs-137	0.0231	0.012	0.0052	0.207		0.00 - 0.50
5C-00067	10099	Eu-152	0.0015	0.039	0.0015	0.0566	U	0.00 - 0.50
5C-00067	10099	Eu-154	0.01	0.092	0.018	0.15	U	0.00 - 0.50
5C-00067	10099	Eu-155	0.08	0.033	0.013	0.231		0.00 - 0.50
5C-00067	10099	Ho-166m	0.0273	0.026	0.0046	0.0432	J	0.00 - 0.50
5C-00067	10099	K-40	20.3	0.12	0.61	32.4		0.00 - 0.50
5C-00067	10099	Na-22	0.0006	0.032	0.0095	0.037	U	0.00 - 0.50
5C-00067	10099	Nb-94	0.0057	0.015	0.0044	0.0214	U	0.00 - 0.50
5C-00067	10099	Np-236	0	0.032	0.0065	0.047	U	0.00 - 0.50
5C-00067	10099	Np-239	0.0001	0.088	0.027	0.139	U	0.00 - 0.50
5C-00067	10099	Pa-231	0.13	0.61	0.18	0.936	U	0.00 - 0.50
5C-00067	10099	Pb-212	1.45	0.027	0.059	2.69		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00067	10099	Pb-214	1.13	0.026	0.037	1.7		0.00 - 0.50
5C-00067	10099	Pu-236	-0.0006	0.0086	0.002	7.79	U	0.00 - 0.50
5C-00067	10099	Pu-238	-0.0003	0.0066	0.0014	0.0415	U	0.00 - 0.50
5C-00067	10099	Pu-239/240	-0.0001	0.0053	0.001	0.0404	U	0.00 - 0.50
5C-00067	10099	Pu-244	0.0017	0.0043	0.0013	0.0313		0.00 - 0.50
5C-00067	10099	Rn-220	1.24	0.03	0.11	--		0.00 - 0.50
5C-00067	10099	Rn-222	1.08	0.025	0.052	--		0.00 - 0.50
5C-00067	10099	Sb-125	0.121	0.042	0.01	0.354		0.00 - 0.50
5C-00067	10099	Sn-126	0.0007	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00067	10099	Sr-90	0.043	0.056	0.018	0.485		0.00 - 0.50
5C-00067	10099	Te-125m	0.0279	0.0097	0.0024	0.0838		0.00 - 0.50
5C-00067	10099	Th-228	1.2	0.013	0.062	3.98		0.00 - 0.50
5C-00067	10099	Th-229	0.0051	0.014	0.0042	0.145	U	0.00 - 0.50
5C-00067	10099	Th-230	1.05	0.008	0.056	2.2		0.00 - 0.50
5C-00067	10099	Th-232	1.15	0.003	0.06	3.1		0.00 - 0.50
5C-00067	10099	Th-234	1.17	0.13	0.061	3.19	R	0.00 - 0.50
5C-00067	10099	Tl-208	0.47	0.017	0.018	0.937		0.00 - 0.50
5C-00067	10099	Tm-171	-0.6	5.9	1.8	72.4	U	0.00 - 0.50
5C-00067	10099	U-233/234	0.952	0.006	0.048	2.02		0.00 - 0.50
5C-00067	10099	U-235/236	0.0429	0.0026	0.0067	0.151		0.00 - 0.50
5C-00067	10099	U-238	0.95	0.007	0.048	1.8		0.00 - 0.50
5C-00067	10100	Ac-227	0.043	0.16	0.053	0.217	U	1.00 - 4.00
5C-00067	10100	Ac-228	1.51	0.088	0.053	2.4		1.00 - 4.00
5C-00067	10100	Ag-108	-0.0015	0.0016	0.0005	--	R U	1.00 - 4.00
5C-00067	10100	Ag-108m	-0.0166	0.017	0.0054	--	R U	1.00 - 4.00
5C-00067	10100	Am-241	0	0.015	0.0038	0.0454	U	1.00 - 4.00
5C-00067	10100	Ba-133	-0.0273	0.02	0.0064	--	R U	1.00 - 4.00
5C-00067	10100	Ba-137m	0.003	0.013	0.0039	--	U	1.00 - 4.00
5C-00067	10100	Bi-212	1.2	0.16	0.095	2.15		1.00 - 4.00
5C-00067	10100	Bi-214	1.21	0.028	0.041	1.59	R	1.00 - 4.00
5C-00067	10100	Cd-113m	-5	45	14	3030	U	1.00 - 4.00
5C-00067	10100	Cf-249	0.0058	0.079	0.0049	--	U R	1.00 - 4.00
5C-00067	10100	Cm-243/244	-0.0022	0.012	0.0024	0.0443	U	1.00 - 4.00
5C-00067	10100	Cm-245/246	0.0011	0.013	0.0035	0.0401	U J	1.00 - 4.00
5C-00067	10100	Cm-247/248	0.0011	0.0029	0.0011	0.0306	U J	1.00 - 4.00
5C-00067	10100	Co-60	0.0054	0.015	0.0049	0.028	U	1.00 - 4.00
5C-00067	10100	Cs-134	0.0018	0.062	0.0058	0.0864	U	1.00 - 4.00
5C-00067	10100	Cs-137	0.0032	0.014	0.0041	0.207	U	1.00 - 4.00
5C-00067	10100	Eu-152	0.016	0.042	0.014	0.0566	U	1.00 - 4.00
5C-00067	10100	Eu-154	-0.036	0.11	0.034	0.15	U J	1.00 - 4.00
5C-00067	10100	Eu-155	0.111	0.04	0.017	0.231	S K	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00067	10100	Ho-166m	0.0048	0.029	0.0065	0.0432	U	1.00 - 4.00
5C-00067	10100	K-40	21.2	0.2	0.65	32.4		1.00 - 4.00
5C-00067	10100	Na-22	0.0036	0.016	0.0047	0.037	U	1.00 - 4.00
5C-00067	10100	Nb-94	0.0088	0.016	0.0048	0.0214	S K	1.00 - 4.00
5C-00067	10100	Np-236	0.002	0.036	0.011	0.047	U	1.00 - 4.00
5C-00067	10100	Np-239	0.044	0.07	0.026	0.139		1.00 - 4.00
5C-00067	10100	Pa-231	0.04	0.61	0.18	0.936	U	1.00 - 4.00
5C-00067	10100	Pb-212	1.75	0.027	0.053	2.69		1.00 - 4.00
5C-00067	10100	Pb-214	1.25	0.029	0.052	1.7		1.00 - 4.00
5C-00067	10100	Pu-236	0.0008	0.0069	0.002	7.79	U	1.00 - 4.00
5C-00067	10100	Pu-238	0.0026	0.0035	0.0013	0.0415		1.00 - 4.00
5C-00067	10100	Pu-239/240	0	0.0035	0.0008	0.0404	U	1.00 - 4.00
5C-00067	10100	Pu-244	0.003	0.001	0.0011	0.0313		1.00 - 4.00
5C-00067	10100	Rn-220	1.47	0.03	0.11	--		1.00 - 4.00
5C-00067	10100	Rn-222	1.23	0.028	0.067	--		1.00 - 4.00
5C-00067	10100	Sb-125	0.162	0.048	0.013	0.354	S K	1.00 - 4.00
5C-00067	10100	Sn-126	0.0007	0.018	0.0055	0.0237	U	1.00 - 4.00
5C-00067	10100	Sr-90	0.03	0.053	0.016	0.485		1.00 - 4.00
5C-00067	10100	Te-125m	0.0374	0.011	0.0029	0.0838	S K	1.00 - 4.00
5C-00067	10100	Th-228	1.23	0.013	0.064	3.98		1.00 - 4.00
5C-00067	10100	Th-229	0.0112	0.013	0.005	0.145		1.00 - 4.00
5C-00067	10100	Th-230	1.05	0.003	0.056	2.2		1.00 - 4.00
5C-00067	10100	Th-232	1.26	0.003	0.065	3.1		1.00 - 4.00
5C-00067	10100	Th-234	0.526	0.19	0.061	3.19	R	1.00 - 4.00
5C-00067	10100	Tl-208	0.564	0.022	0.022	0.937	J	1.00 - 4.00
5C-00067	10100	Tm-171	2.7	5.6	1.7	72.4	U	1.00 - 4.00
5C-00067	10100	U-233/234	0.942	0.004	0.054	2.02		1.00 - 4.00
5C-00067	10100	U-235/236	0.061	0.016	0.011	0.151		1.00 - 4.00
5C-00067	10100	U-238	0.96	0.004	0.055	1.8		1.00 - 4.00
5C-00068	10101	Ac-227	0.062	0.15	0.022	0.217	U	0.00 - 0.50
5C-00068	10101	Ac-228	1.2	0.088	0.044	2.4		0.00 - 0.50
5C-00068	10101	Ag-108	-0.0015	0.0015	0.0005	--	R	0.00 - 0.50
5C-00068	10101	Ag-108m	-0.0161	0.016	0.0049	--	R	0.00 - 0.50
5C-00068	10101	Am-241	0.0016	0.0059	0.0017	0.0454	U	0.00 - 0.50
5C-00068	10101	Ba-133	-0.102	0.025	0.0086	--	R	0.00 - 0.50
5C-00068	10101	Ba-137m	0.0535	0.015	0.0074	--		0.00 - 0.50
5C-00068	10101	Bi-212	0.994	0.14	0.081	2.15		0.00 - 0.50
5C-00068	10101	Bi-214	0.949	0.029	0.035	1.59		0.00 - 0.50
5C-00068	10101	Cd-113m	11	34	10	3030	U	0.00 - 0.50
5C-00068	10101	Cf-249	0.0054	0.068	0.0042	--	U	0.00 - 0.50
5C-00068	10101	Cm-243/244	0.0031	0.0021	0.0016	0.0443		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00068	10101	Cm-245/246	0.0027	0.0024	0.0015	0.0401		0.00 - 0.50
5C-00068	10101	Cm-247/248	0.0044	0.0024	0.002	0.0306		0.00 - 0.50
5C-00068	10101	Co-60	0.0017	0.021	0.0046	0.028	U	0.00 - 0.50
5C-00068	10101	Cs-134	0.0112	0.057	0.0061	0.0864	U	0.00 - 0.50
5C-00068	10101	Cs-137	0.0565	0.015	0.0079	0.207		0.00 - 0.50
5C-00068	10101	Eu-152	-0.0001	0.041	0.012	0.0566	U	0.00 - 0.50
5C-00068	10101	Eu-154	0.014	0.11	0.022	0.15	U	0.00 - 0.50
5C-00068	10101	Eu-155	0.071	0.035	0.014	0.231		0.00 - 0.50
5C-00068	10101	Ho-166m	0.0141	0.026	0.0098	0.0432	J	0.00 - 0.50
5C-00068	10101	K-40	22.2	0.13	0.67	32.4		0.00 - 0.50
5C-00068	10101	Na-22	-0.0052	0.028	0.0083	0.037	U	0.00 - 0.50
5C-00068	10101	Nb-94	-0.0002	0.015	0.0046	0.0214	U	0.00 - 0.50
5C-00068	10101	Np-236	0.0026	0.024	0.0073	0.047	U	0.00 - 0.50
5C-00068	10101	Np-239	0.012	0.089	0.027	0.139	U	0.00 - 0.50
5C-00068	10101	Pa-231	0.14	0.62	0.13	0.936	U	0.00 - 0.50
5C-00068	10101	Pb-212	1.51	0.023	0.062	2.69		0.00 - 0.50
5C-00068	10101	Pb-214	1.05	0.025	0.035	1.7		0.00 - 0.50
5C-00068	10101	Pu-236	0	0.0023	0.0007	7.79	UJ	0.00 - 0.50
5C-00068	10101	Pu-238	-0.0005	0.005	0.0006	0.0415	UJ	0.00 - 0.50
5C-00068	10101	Pu-239/240	0.0029	0.005	0.0018	0.0404	J	0.00 - 0.50
5C-00068	10101	Pu-244	0	0.0023	0.0007	0.0313	UJ	0.00 - 0.50
5C-00068	10101	Rn-220	1.25	0.02	0.1	--		0.00 - 0.50
5C-00068	10101	Rn-222	0.999	0.025	0.05	--		0.00 - 0.50
5C-00068	10101	Sb-125	0.121	0.042	0.01	0.354		0.00 - 0.50
5C-00068	10101	Sn-126	-0.0001	0.014	0.0041	0.0237	U	0.00 - 0.50
5C-00068	10101	Sr-90	-0.003	0.063	0.018	0.485	U	0.00 - 0.50
5C-00068	10101	Te-125m	0.028	0.0098	0.0024	0.0838		0.00 - 0.50
5C-00068	10101	Th-228	1.17	0.012	0.061	3.98		0.00 - 0.50
5C-00068	10101	Th-229	0.0026	0.0096	0.0027	0.145	U	0.00 - 0.50
5C-00068	10101	Th-230	1.01	0.008	0.054	2.2		0.00 - 0.50
5C-00068	10101	Th-232	1.16	0.008	0.061	3.1		0.00 - 0.50
5C-00068	10101	Th-234	1.63	0.15	0.09	3.19	R	0.00 - 0.50
5C-00068	10101	Tl-208	0.468	0.02	0.019	0.937		0.00 - 0.50
5C-00068	10101	Tm-171	-3.9	6.3	1.9	72.4	UL	0.00 - 0.50
5C-00068	10101	U-233/234	0.959	0.006	0.05	2.02		0.00 - 0.50
5C-00068	10101	U-235/236	0.0483	0.0029	0.0075	0.151		0.00 - 0.50
5C-00068	10101	U-238	1.01	0.006	0.052	1.8		0.00 - 0.50
5C-00068	10102	Ac-227	0.048	0.17	0.05	0.217	U	1.00 - 4.50
5C-00068	10102	Ac-228	1.51	0.097	0.052	2.4		1.00 - 4.50
5C-00068	10102	Ag-108	-0.0037	0.0019	0.0006	--	R U	1.00 - 4.50
5C-00068	10102	Ag-108m	-0.0396	0.02	0.0065	--	R U	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00068	10102	Am-241	-0.0009	0.01	0.0022	0.0454	U	1.00 - 4.50
5C-00068	10102	Ba-133	-0.0752	0.023	0.0079	--	R U	1.00 - 4.50
5C-00068	10102	Ba-137m	-0.0127	0.017	0.0053	--	L U	1.00 - 4.50
5C-00068	10102	Bi-212	1.23	0.17	0.1	2.15		1.00 - 4.50
5C-00068	10102	Bi-214	1.04	0.03	0.037	1.59	R	1.00 - 4.50
5C-00068	10102	Cd-113m	15	46	14	3030	U	1.00 - 4.50
5C-00068	10102	Cf-249	0.0007	0.079	0.024	--	U R	1.00 - 4.50
5C-00068	10102	Cm-243/244	-0.0009	0.0085	0.0017	0.0443	U	1.00 - 4.50
5C-00068	10102	Cm-245/246	0.001	0.0027	0.001	0.0401	U J	1.00 - 4.50
5C-00068	10102	Cm-247/248	0.002	0.0027	0.0014	0.0306	U J	1.00 - 4.50
5C-00068	10102	Co-60	0.0037	0.021	0.0062	0.028	U	1.00 - 4.50
5C-00068	10102	Cs-134	0.0235	0.061	0.0072	0.0864	U	1.00 - 4.50
5C-00068	10102	Cs-137	-0.0134	0.018	0.0056	0.207	L U	1.00 - 4.50
5C-00068	10102	Eu-152	0.02	0.043	0.017	0.0566	U	1.00 - 4.50
5C-00068	10102	Eu-154	0.065	0.094	0.025	0.15	J R	1.00 - 4.50
5C-00068	10102	Eu-155	0.086	0.041	0.016	0.231	S K	1.00 - 4.50
5C-00068	10102	Ho-166m	0.0046	0.03	0.0038	0.0432	U	1.00 - 4.50
5C-00068	10102	K-40	21.7	0.18	0.67	32.4		1.00 - 4.50
5C-00068	10102	Na-22	-0.0008	0.027	0.0079	0.037	U	1.00 - 4.50
5C-00068	10102	Nb-94	0.0059	0.017	0.0052	0.0214	U	1.00 - 4.50
5C-00068	10102	Np-236	-0.014	0.037	0.011	0.047	U	1.00 - 4.50
5C-00068	10102	Np-239	0.023	0.095	0.029	0.139	U	1.00 - 4.50
5C-00068	10102	Pa-231	0.03	0.69	0.21	0.936	U	1.00 - 4.50
5C-00068	10102	Pb-212	1.82	0.027	0.055	2.69		1.00 - 4.50
5C-00068	10102	Pb-214	1.15	0.031	0.049	1.7		1.00 - 4.50
5C-00068	10102	Pu-236	-0.0005	0.0047	0.0009	7.79	U	1.00 - 4.50
5C-00068	10102	Pu-238	-0.0015	0.006	0.0012	0.0415	U	1.00 - 4.50
5C-00068	10102	Pu-239/240	0	0.0014	0.0006	0.0404	U	1.00 - 4.50
5C-00068	10102	Pu-244	0.0035	0.0014	0.0013	0.0313		1.00 - 4.50
5C-00068	10102	Rn-220	1.52	0.03	0.12	--		1.00 - 4.50
5C-00068	10102	Rn-222	1.1	0.03	0.062	--		1.00 - 4.50
5C-00068	10102	Sb-125	0.148	0.049	0.012	0.354	S K	1.00 - 4.50
5C-00068	10102	Sn-126	0.0001	0.019	0.0058	0.0237	U	1.00 - 4.50
5C-00068	10102	Sr-90	-0.004	0.063	0.018	0.485	U	1.00 - 4.50
5C-00068	10102	Te-125m	0.0341	0.011	0.0028	0.0838	S K	1.00 - 4.50
5C-00068	10102	Th-228	1.38	0.012	0.07	3.98		1.00 - 4.50
5C-00068	10102	Th-229	0.0102	0.016	0.0054	0.145		1.00 - 4.50
5C-00068	10102	Th-230	0.996	0.012	0.054	2.2		1.00 - 4.50
5C-00068	10102	Th-232	1.37	0.003	0.07	3.1		1.00 - 4.50
5C-00068	10102	Th-234	2.08	0.18	0.1	3.19	R	1.00 - 4.50
5C-00068	10102	Tl-208	0.59	0.025	0.024	0.937	J	1.00 - 4.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00068	10102	Tm-171	-2.7	6.7	2	72.4	U	1.00 - 4.50
5C-00068	10102	U-233/234	0.789	0.011	0.044	2.02		1.00 - 4.50
5C-00068	10102	U-235/236	0.0393	0.0034	0.0073	0.151		1.00 - 4.50
5C-00068	10102	U-238	0.748	0.007	0.042	1.8		1.00 - 4.50
5C-00069	10104	Ac-227	0.026	0.15	0.048	0.217	U	0.50 - 2.00
5C-00069	10104	Ac-228	1.1	0.098	0.042	2.4		0.50 - 2.00
5C-00069	10104	Ag-108	-0.0009	0.0015	0.0005	--	U R	0.50 - 2.00
5C-00069	10104	Ag-108m	-0.0098	0.016	0.0049	--	U R	0.50 - 2.00
5C-00069	10104	Am-241	0.0033	0.006	0.002	0.0454		0.50 - 2.00
5C-00069	10104	Ba-133	-0.0645	0.021	0.0073	--	R U	0.50 - 2.00
5C-00069	10104	Ba-137m	0.0005	0.0094	0.0028	--	U	0.50 - 2.00
5C-00069	10104	Bi-212	0.918	0.13	0.077	2.15		0.50 - 2.00
5C-00069	10104	Bi-214	0.897	0.03	0.034	1.59	R	0.50 - 2.00
5C-00069	10104	Cd-113m	7	39	12	3030	U	0.50 - 2.00
5C-00069	10104	Cf-249	0.0039	0.07	0.0041	--	U R	0.50 - 2.00
5C-00069	10104	Cm-243/244	0.0008	0.0022	0.0008	0.0443	U	0.50 - 2.00
5C-00069	10104	Cm-245/246	0.0028	0.0038	0.002	0.0401	U J	0.50 - 2.00
5C-00069	10104	Cm-247/248	0.0014	0.01	0.0025	0.0306	U J	0.50 - 2.00
5C-00069	10104	Co-60	0	0.018	0.0052	0.028	U	0.50 - 2.00
5C-00069	10104	Cs-134	0.0143	0.053	0.0064	0.0864	U	0.50 - 2.00
5C-00069	10104	Cs-137	0.0006	0.0099	0.0029	0.207	U	0.50 - 2.00
5C-00069	10104	Eu-152	-0.003	0.04	0.012	0.0566	U	0.50 - 2.00
5C-00069	10104	Eu-154	-0.001	0.11	0.0015	0.15	U J	0.50 - 2.00
5C-00069	10104	Eu-155	0.022	0.036	0.011	0.231	S K	0.50 - 2.00
5C-00069	10104	Ho-166m	0.0011	0.027	0.0019	0.0432	U	0.50 - 2.00
5C-00069	10104	K-40	20.5	0.18	0.63	32.4		0.50 - 2.00
5C-00069	10104	Na-22	-0.0006	0.025	0.0075	0.037	U	0.50 - 2.00
5C-00069	10104	Nb-94	0.0098	0.015	0.0045	0.0214	S K	0.50 - 2.00
5C-00069	10104	Np-236	0.001	0.033	0.01	0.047	U	0.50 - 2.00
5C-00069	10104	Np-239	0.017	0.087	0.026	0.139	U	0.50 - 2.00
5C-00069	10104	Pa-231	0.12	0.57	0.13	0.936	U	0.50 - 2.00
5C-00069	10104	Pb-212	1.36	0.024	0.042	2.69		0.50 - 2.00
5C-00069	10104	Pb-214	0.983	0.028	0.042	1.7		0.50 - 2.00
5C-00069	10104	Pu-236	0	0.0045	0.0009	7.79	U	0.50 - 2.00
5C-00069	10104	Pu-238	0	0.0044	0.0009	0.0415	U	0.50 - 2.00
5C-00069	10104	Pu-239/240	-0.0012	0.0056	0.001	0.0404	U	0.50 - 2.00
5C-00069	10104	Pu-244	0.0012	0.0016	0.0009	0.0313	U	0.50 - 2.00
5C-00069	10104	Rn-220	1.14	0.024	0.087	--		0.50 - 2.00
5C-00069	10104	Rn-222	0.94	0.028	0.054	--		0.50 - 2.00
5C-00069	10104	Sb-125	0.03	0.03	0.012	0.354	S K	0.50 - 2.00
5C-00069	10104	Sn-126	0.0055	0.016	0.005	0.0237	U	0.50 - 2.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00069	10104	Sr-90	-0.027	0.061	0.017	0.485	U	0.50 - 2.00
5C-00069	10104	Te-125m	0.0069	0.007	0.0027	0.0838	S K	0.50 - 2.00
5C-00069	10104	Th-228	1.18	0.003	0.06	3.98		0.50 - 2.00
5C-00069	10104	Th-229	0.0048	0.0026	0.0022	0.145		0.50 - 2.00
5C-00069	10104	Th-230	0.914	0.003	0.049	2.2		0.50 - 2.00
5C-00069	10104	Th-232	1.13	0.003	0.058	3.1		0.50 - 2.00
5C-00069	10104	Th-234	0.653	0.16	0.055	3.19	R	0.50 - 2.00
5C-00069	10104	Tl-208	0.448	0.02	0.019	0.937	J	0.50 - 2.00
5C-00069	10104	Tm-171	-2.6	5.7	1.7	72.4	U	0.50 - 2.00
5C-00069	10104	U-233/234	0.652	0.002	0.035	2.02		0.50 - 2.00
5C-00069	10104	U-235/236	0.0384	0.0026	0.0063	0.151		0.50 - 2.00
5C-00069	10104	U-238	0.687	0.007	0.037	1.8		0.50 - 2.00
5C-00070	10105	Ac-227	0.055	0.12	0.04	0.217	U	1.00 - 5.00
5C-00070	10105	Ac-228	1.35	0.057	0.043	2.4		1.00 - 5.00
5C-00070	10105	Ag-108	-0.0032	0.0012	0.0004	--	R U	1.00 - 5.00
5C-00070	10105	Ag-108m	-0.0347	0.013	0.0042	--	R U	1.00 - 5.00
5C-00070	10105	Am-241	0.0056	0.01	0.0034	0.0454		1.00 - 5.00
5C-00070	10105	Ba-133	-0.0178	0.014	0.0044	--	R U	1.00 - 5.00
5C-00070	10105	Ba-137m	0.0001	0.012	0.0035	--	U	1.00 - 5.00
5C-00070	10105	Bi-212	1.02	0.095	0.061	2.15		1.00 - 5.00
5C-00070	10105	Bi-214	0.936	0.021	0.031	1.59		1.00 - 5.00
5C-00070	10105	Cd-113m	-10	34	10	3030	U	1.00 - 5.00
5C-00070	10105	Cf-249	0.0057	0.039	0.003	--	U R	1.00 - 5.00
5C-00070	10105	Cm-243/244	0.0009	0.02	0.0056	0.0443	U	1.00 - 5.00
5C-00070	10105	Cm-245/246	0.0032	0.0078	0.0024	0.0401	J	1.00 - 5.00
5C-00070	10105	Cm-247/248	0	0.0076	0.0016	0.0306	U	1.00 - 5.00
5C-00070	10105	Co-60	0.0037	0.011	0.0034	0.028	U	1.00 - 5.00
5C-00070	10105	Cs-134	0.0137	0.035	0.0034	0.0864	U	1.00 - 5.00
5C-00070	10105	Cs-137	0.0001	0.012	0.0037	0.207	U	1.00 - 5.00
5C-00070	10105	Eu-152	0.025	0.022	0.011	0.0566		1.00 - 5.00
5C-00070	10105	Eu-154	0.002	0.074	0.022	0.15	U	1.00 - 5.00
5C-00070	10105	Eu-155	0.073	0.028	0.012	0.231	R S K	1.00 - 5.00
5C-00070	10105	Ho-166m	0.0072	0.018	0.0082	0.0432	U	1.00 - 5.00
5C-00070	10105	K-40	21.4	0.11	0.63	32.4		1.00 - 5.00
5C-00070	10105	Na-22	0.0006	0.015	0.0044	0.037	U	1.00 - 5.00
5C-00070	10105	Nb-94	0.003	0.011	0.0033	0.0214	U	1.00 - 5.00
5C-00070	10105	Np-236	-0.0029	0.027	0.0081	0.047	U	1.00 - 5.00
5C-00070	10105	Np-239	0	0.072	0.015	0.139	U	1.00 - 5.00
5C-00070	10105	Pa-231	-0.09	0.48	0.15	0.936	U	1.00 - 5.00
5C-00070	10105	Pb-212	1.62	0.02	0.065	2.69		1.00 - 5.00
5C-00070	10105	Pb-214	1.05	0.023	0.034	1.7		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00070	10105	Pu-236	0.154	0.005	0.015	7.79		1.00 - 5.00
5C-00070	10105	Pu-236	-0.0034	0.01	0.0023	7.79	U	1.00 - 5.00
5C-00070	10105	Pu-238	0.003	0.0064	0.002	0.0415		1.00 - 5.00
5C-00070	10105	Pu-239/240	0.0018	0.0055	0.0016	0.0404	U	1.00 - 5.00
5C-00070	10105	Pu-244	0	0.0016	0.0007	0.0313	U	1.00 - 5.00
5C-00070	10105	Rn-220	1.32	0.02	0.09	--		1.00 - 5.00
5C-00070	10105	Rn-222	0.995	0.021	0.046	--		1.00 - 5.00
5C-00070	10105	Sb-125	0.135	0.031	0.0087	0.354	S K	1.00 - 5.00
5C-00070	10105	Sn-126	0.0001	0.013	0.0038	0.0237	U	1.00 - 5.00
5C-00070	10105	Sr-90	-0.004	0.071	0.02	0.485	U	1.00 - 5.00
5C-00070	10105	Te-125m	0.0311	0.0072	0.002	0.0838	S K	1.00 - 5.00
5C-00070	10105	Th-228	1.44	0.012	0.074	3.98		1.00 - 5.00
5C-00070	10105	Th-229	0.0037	0.005	0.0026	0.145	U J	1.00 - 5.00
5C-00070	10105	Th-230	1.06	0.015	0.058	2.2		1.00 - 5.00
5C-00070	10105	Th-232	1.45	0.003	0.074	3.1		1.00 - 5.00
5C-00070	10105	Th-234	0.523	0.14	0.046	3.19	R	1.00 - 5.00
5C-00070	10105	Tl-208	0.486	0.013	0.017	0.937		1.00 - 5.00
5C-00070	10105	Tm-171	-2.5	5	1.5	72.4	U	1.00 - 5.00
5C-00070	10105	U-233/234	1.03	0.018	0.06	2.02	J	1.00 - 5.00
5C-00070	10105	U-235/236	0.066	0.016	0.013	0.151	J	1.00 - 5.00
5C-00070	10105	U-238	1.11	0.018	0.064	1.8	J	1.00 - 5.00
5C-00071	10106	Ac-227	0.065	0.15	0.017	0.217	U	1.00 - 5.00
5C-00071	10106	Ac-228	1.35	0.079	0.047	2.4		1.00 - 5.00
5C-00071	10106	Ag-108	-0.0018	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00071	10106	Ag-108m	-0.0192	0.015	0.0048	--	R U	1.00 - 5.00
5C-00071	10106	Am-241	0.0048	0.01	0.0033	0.0454		1.00 - 5.00
5C-00071	10106	Ba-133	-0.0244	0.02	0.0061	--	R U	1.00 - 5.00
5C-00071	10106	Ba-137m	0.0114	0.01	0.0041	--		1.00 - 5.00
5C-00071	10106	Bi-212	0.975	0.12	0.072	2.15		1.00 - 5.00
5C-00071	10106	Bi-214	0.894	0.026	0.032	1.59		1.00 - 5.00
5C-00071	10106	Cd-113m	14	35	11	3030	U	1.00 - 5.00
5C-00071	10106	Cf-249	-0.001	0.057	0.017	--	U R	1.00 - 5.00
5C-00071	10106	Cm-243/244	0.0028	0.013	0.0038	0.0443	U	1.00 - 5.00
5C-00071	10106	Cm-245/246	0.0025	0.009	0.0025	0.0401	U J	1.00 - 5.00
5C-00071	10106	Cm-247/248	0	0.0089	0.0018	0.0306	U	1.00 - 5.00
5C-00071	10106	Co-60	0.0011	0.015	0.0045	0.028	U	1.00 - 5.00
5C-00071	10106	Cs-134	0.0225	0.05	0.0054	0.0864	U	1.00 - 5.00
5C-00071	10106	Cs-137	0.012	0.011	0.0043	0.207		1.00 - 5.00
5C-00071	10106	Eu-152	-0.012	0.04	0.012	0.0566	U	1.00 - 5.00
5C-00071	10106	Eu-154	-0.04	0.1	0.031	0.15	U	1.00 - 5.00
5C-00071	10106	Eu-155	0.103	0.032	0.013	0.231	R S K	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00071	10106	Ho-166m	0.0023	0.026	0.0065	0.0432	U	1.00 - 5.00
5C-00071	10106	K-40	20.2	0.12	0.61	32.4		1.00 - 5.00
5C-00071	10106	Na-22	-0.0047	0.025	0.0075	0.037	U	1.00 - 5.00
5C-00071	10106	Nb-94	0.0007	0.014	0.0028	0.0214	U	1.00 - 5.00
5C-00071	10106	Np-236	-0.0055	0.032	0.0097	0.047	U	1.00 - 5.00
5C-00071	10106	Np-239	0.002	0.09	0.027	0.139	U	1.00 - 5.00
5C-00071	10106	Pa-231	0.13	0.59	0.18	0.936	U	1.00 - 5.00
5C-00071	10106	Pb-212	1.66	0.022	0.067	2.69		1.00 - 5.00
5C-00071	10106	Pb-214	1.03	0.028	0.034	1.7		1.00 - 5.00
5C-00071	10106	Pu-236	0.0011	0.0015	0.0008	7.79	U	1.00 - 5.00
5C-00071	10106	Pu-236	0.136	0.008	0.015	7.79		1.00 - 5.00
5C-00071	10106	Pu-238	0.0065	0.0048	0.0023	0.0415		1.00 - 5.00
5C-00071	10106	Pu-239/240	0.0007	0.006	0.0015	0.0404	U	1.00 - 5.00
5C-00071	10106	Pu-244	0.0019	0.0018	0.0011	0.0313		1.00 - 5.00
5C-00071	10106	Rn-220	1.32	0.022	0.098	--		1.00 - 5.00
5C-00071	10106	Rn-222	0.96	0.026	0.047	--		1.00 - 5.00
5C-00071	10106	Sb-125	0.125	0.042	0.0099	0.354	S K	1.00 - 5.00
5C-00071	10106	Sn-126	0.0014	0.017	0.0051	0.0237	U	1.00 - 5.00
5C-00071	10106	Sr-90	0.03	0.052	0.016	0.485		1.00 - 5.00
5C-00071	10106	Te-125m	0.0289	0.0096	0.0023	0.0838	S K	1.00 - 5.00
5C-00071	10106	Th-228	1.44	0.01	0.07	3.98		1.00 - 5.00
5C-00071	10106	Th-229	0.0104	0.0046	0.0042	0.145	J	1.00 - 5.00
5C-00071	10106	Th-230	1.06	0.002	0.054	2.2		1.00 - 5.00
5C-00071	10106	Th-232	1.33	0.006	0.065	3.1		1.00 - 5.00
5C-00071	10106	Th-234	1.51	0.15	0.085	3.19	R	1.00 - 5.00
5C-00071	10106	Tl-208	0.49	0.017	0.018	0.937		1.00 - 5.00
5C-00071	10106	Tm-171	0.02	6.1	1.8	72.4	U	1.00 - 5.00
5C-00071	10106	U-233/234	1.05	0.017	0.062	2.02	J	1.00 - 5.00
5C-00071	10106	U-235/236	0.053	0.017	0.012	0.151	J	1.00 - 5.00
5C-00071	10106	U-238	1.07	0.005	0.063	1.8	J	1.00 - 5.00
5C-00072	10107	Ac-227	0.015	0.16	0.042	0.217	U	0.00 - 0.50
5C-00072	10107	Ac-228	1.39	0.087	0.05	2.4		0.00 - 0.50
5C-00072	10107	Ag-108	-0.0018	0.0015	0.0005	--	R	0.00 - 0.50
5C-00072	10107	Ag-108m	-0.0192	0.017	0.0052	--	R	0.00 - 0.50
5C-00072	10107	Am-241	-0.0016	0.011	0.0027	0.0454	U	0.00 - 0.50
5C-00072	10107	Ba-133	-0.11	0.028	0.0099	--	R	0.00 - 0.50
5C-00072	10107	Ba-137m	0.0075	0.017	0.0051	--	U	0.00 - 0.50
5C-00072	10107	Bi-212	1.12	0.15	0.087	2.15		0.00 - 0.50
5C-00072	10107	Bi-214	0.808	0.027	0.03	1.59		0.00 - 0.50
5C-00072	10107	Cd-113m	1	41	12	3030	U	0.00 - 0.50
5C-00072	10107	Cf-249	0.0083	0.1	0.0039	--	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00072	10107	Cm-243/244	0.0008	0.0021	0.0008	0.0443	U	0.00 - 0.50
5C-00072	10107	Cm-245/246	0	0.0071	0.0015	0.0401	U	0.00 - 0.50
5C-00072	10107	Cm-247/248	0.001	0.0026	0.001	0.0306	U	0.00 - 0.50
5C-00072	10107	Co-60	0.0021	0.018	0.0045	0.028	U	0.00 - 0.50
5C-00072	10107	Cs-134	-0.0016	0.06	0.0015	0.0864	UJ	0.00 - 0.50
5C-00072	10107	Cs-137	0.0079	0.018	0.0054	0.207	U	0.00 - 0.50
5C-00072	10107	Eu-152	0.0041	0.043	0.0031	0.0566	U	0.00 - 0.50
5C-00072	10107	Eu-154	-0.026	0.11	0.032	0.15	U	0.00 - 0.50
5C-00072	10107	Eu-155	0.092	0.051	0.022	0.231		0.00 - 0.50
5C-00072	10107	Ho-166m	-0.0034	0.026	0.0078	0.0432	U	0.00 - 0.50
5C-00072	10107	K-40	19.9	0.12	0.6	32.4		0.00 - 0.50
5C-00072	10107	Na-22	-0.0016	0.021	0.0063	0.037	U	0.00 - 0.50
5C-00072	10107	Nb-94	0.0032	0.015	0.0032	0.0214	U	0.00 - 0.50
5C-00072	10107	Np-236	0.0002	0.038	0.011	0.047	U	0.00 - 0.50
5C-00072	10107	Np-239	-0.024	0.099	0.03	0.139	U	0.00 - 0.50
5C-00072	10107	Pa-231	-0.002	0.67	0.2	0.936	U	0.00 - 0.50
5C-00072	10107	Pb-212	1.47	0.04	0.048	2.69		0.00 - 0.50
5C-00072	10107	Pb-214	0.838	0.03	0.038	1.7		0.00 - 0.50
5C-00072	10107	Pu-236	-0.0038	0.0094	0.0015	7.79	UL	0.00 - 0.50
5C-00072	10107	Pu-238	0.0013	0.0072	0.0019	0.0415	U	0.00 - 0.50
5C-00072	10107	Pu-239/240	-0.001	0.0057	0.0008	0.0404	U	0.00 - 0.50
5C-00072	10107	Pu-244	0.0019	0.0047	0.0015	0.0313		0.00 - 0.50
5C-00072	10107	Rn-220	1.29	0.04	0.099	--		0.00 - 0.50
5C-00072	10107	Rn-222	0.823	0.027	0.048	--		0.00 - 0.50
5C-00072	10107	Sb-125	0.121	0.047	0.01	0.354		0.00 - 0.50
5C-00072	10107	Sn-126	0.0026	0.018	0.0053	0.0237	U	0.00 - 0.50
5C-00072	10107	Sr-90	0.024	0.075	0.022	0.485	U	0.00 - 0.50
5C-00072	10107	Te-125m	0.028	0.011	0.0024	0.0838		0.00 - 0.50
5C-00072	10107	Th-228	1.35	0.012	0.067	3.98		0.00 - 0.50
5C-00072	10107	Th-229	0.005	0.0077	0.0027	0.145		0.00 - 0.50
5C-00072	10107	Th-230	0.766	0.003	0.042	2.2		0.00 - 0.50
5C-00072	10107	Th-232	1.34	0.008	0.067	3.1		0.00 - 0.50
5C-00072	10107	Th-234	0.838	0.24	0.084	3.19	J R	0.00 - 0.50
5C-00072	10107	Tl-208	0.569	0.018	0.021	0.937		0.00 - 0.50
5C-00072	10107	Tm-171	-10.1	9.9	3.1	72.4	R	0.00 - 0.50
5C-00072	10107	U-233/234	0.583	0.003	0.036	2.02		0.00 - 0.50
5C-00072	10107	U-235/236	0.0146	0.011	0.0051	0.151		0.00 - 0.50
5C-00072	10107	U-238	0.652	0.003	0.039	1.8		0.00 - 0.50
5C-00072	10108	Ac-227	0.042	0.13	0.044	0.217	U	1.00 - 5.00
5C-00072	10108	Ac-228	1.31	0.078	0.044	2.4		1.00 - 5.00
5C-00072	10108	Ag-108	-0.0011	0.0014	0.0004	--	L U R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00072	10108	Ag-108m	-0.0115	0.015	0.0045	--	L U R	1.00 - 5.00
5C-00072	10108	Am-241	0	0.012	0.0027	0.0454	U	1.00 - 5.00
5C-00072	10108	Ba-133	-0.0294	0.019	0.006	--	R U	1.00 - 5.00
5C-00072	10108	Ba-137m	-0.007	0.016	0.0048	--	U	1.00 - 5.00
5C-00072	10108	Bi-212	0.955	0.11	0.066	2.15		1.00 - 5.00
5C-00072	10108	Bi-214	0.865	0.022	0.03	1.59	R	1.00 - 5.00
5C-00072	10108	Cd-113m	-3	40	12	3030	U	1.00 - 5.00
5C-00072	10108	Cf-249	0.0025	0.053	0.0031	--	U R	1.00 - 5.00
5C-00072	10108	Cm-243/244	-0.0012	0.013	0.003	0.0443	U	1.00 - 5.00
5C-00072	10108	Cm-245/246	0.0037	0.009	0.0028	0.0401	J	1.00 - 5.00
5C-00072	10108	Cm-247/248	-0.0012	0.0088	0.0013	0.0306	U J	1.00 - 5.00
5C-00072	10108	Co-60	0.0001	0.017	0.0007	0.028	U	1.00 - 5.00
5C-00072	10108	Cs-134	0.0069	0.049	0.0021	0.0864	U	1.00 - 5.00
5C-00072	10108	Cs-137	-0.0075	0.017	0.0051	0.207	U	1.00 - 5.00
5C-00072	10108	Eu-152	0	0.038	0.0071	0.0566	U	1.00 - 5.00
5C-00072	10108	Eu-154	0.014	0.097	0.015	0.15	U J	1.00 - 5.00
5C-00072	10108	Eu-155	0.0336	0.03	0.0093	0.231	S K	1.00 - 5.00
5C-00072	10108	Ho-166m	0.015	0.024	0.013	0.0432	S K	1.00 - 5.00
5C-00072	10108	K-40	17.9	0.13	0.55	32.4		1.00 - 5.00
5C-00072	10108	Na-22	-0.0002	0.019	0.0058	0.037	U	1.00 - 5.00
5C-00072	10108	Nb-94	0.005	0.014	0.0042	0.0214	U	1.00 - 5.00
5C-00072	10108	Np-236	-0.0082	0.031	0.0093	0.047	U	1.00 - 5.00
5C-00072	10108	Np-239	-0.0009	0.084	0.025	0.139	U	1.00 - 5.00
5C-00072	10108	Pa-231	0.18	0.58	0.13	0.936	U	1.00 - 5.00
5C-00072	10108	Pb-212	1.58	0.023	0.064	2.69		1.00 - 5.00
5C-00072	10108	Pb-214	1.01	0.027	0.035	1.7		1.00 - 5.00
5C-00072	10108	Pu-236	-0.0012	0.0057	0.001	7.79	U	1.00 - 5.00
5C-00072	10108	Pu-238	-0.0018	0.0064	0.0012	0.0415	U	1.00 - 5.00
5C-00072	10108	Pu-239/240	-0.0006	0.0044	0.0007	0.0404	U	1.00 - 5.00
5C-00072	10108	Pu-244	0.0012	0.0016	0.0009	0.0313	U	1.00 - 5.00
5C-00072	10108	Rn-220	1.27	0.023	0.092	--		1.00 - 5.00
5C-00072	10108	Rn-222	0.94	0.022	0.046	--		1.00 - 5.00
5C-00072	10108	Sb-125	0.108	0.041	0.0084	0.354	S K	1.00 - 5.00
5C-00072	10108	Sn-126	0.0001	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00072	10108	Sr-90	0.032	0.039	0.012	0.485		1.00 - 5.00
5C-00072	10108	Te-125m	0.0249	0.0095	0.0019	0.0838	S K	1.00 - 5.00
5C-00072	10108	Th-228	1.34	0.015	0.066	3.98		1.00 - 5.00
5C-00072	10108	Th-229	0.0082	0.0086	0.0036	0.145		1.00 - 5.00
5C-00072	10108	Th-230	0.94	0.007	0.049	2.2		1.00 - 5.00
5C-00072	10108	Th-232	1.31	0.008	0.065	3.1		1.00 - 5.00
5C-00072	10108	Th-234	0.423	0.15	0.049	3.19	R	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00072	10108	Tl-208	0.504	0.017	0.019	0.937	J	1.00 - 5.00
5C-00072	10108	Tm-171	4.3	5.2	2.1	72.4		1.00 - 5.00
5C-00072	10108	U-233/234	0.768	0.007	0.04	2.02		1.00 - 5.00
5C-00072	10108	U-235/236	0.033	0.0062	0.0056	0.151		1.00 - 5.00
5C-00072	10108	U-238	0.736	0.006	0.038	1.8		1.00 - 5.00
5C-00073	10109	Ac-227	0.016	0.13	0.037	0.217	U	0.00 - 0.50
5C-00073	10109	Ac-228	1.13	0.078	0.04	2.4	B	0.00 - 0.50
5C-00073	10109	Ag-108	0.0005	0.0012	0.0004	--	U R	0.00 - 0.50
5C-00073	10109	Ag-108m	0.0049	0.013	0.0039	--	U R	0.00 - 0.50
5C-00073	10109	Am-241	-0.0009	0.0083	0.0017	0.0454	U	0.00 - 0.50
5C-00073	10109	Ba-133	-0.0041	0.013	0.004	--	U R	0.00 - 0.50
5C-00073	10109	Ba-137m	0.0769	0.015	0.0063	--		0.00 - 0.50
5C-00073	10109	Bi-212	0.953	0.12	0.066	2.15		0.00 - 0.50
5C-00073	10109	Bi-214	0.768	0.024	0.028	1.59		0.00 - 0.50
5C-00073	10109	Cd-113m	12	38	12	3030	U	0.00 - 0.50
5C-00073	10109	Cf-249	-0.006	0.05	0.015	--	U R	0.00 - 0.50
5C-00073	10109	Cm-243/244	0.0044	0.0024	0.002	0.0443		0.00 - 0.50
5C-00073	10109	Cm-245/246	0.0031	0.0028	0.0018	0.0401	J	0.00 - 0.50
5C-00073	10109	Cm-247/248	0.002	0.0027	0.0014	0.0306	U J	0.00 - 0.50
5C-00073	10109	Co-60	0.0064	0.016	0.004	0.028	U	0.00 - 0.50
5C-00073	10109	Cs-134	-0.016	0.017	0.0053	0.0864	R U	0.00 - 0.50
5C-00073	10109	Cs-137	0.0813	0.016	0.0066	0.207		0.00 - 0.50
5C-00073	10109	Eu-152	0.008	0.036	0.015	0.0566	U	0.00 - 0.50
5C-00073	10109	Eu-154	-0.0057	0.11	0.0073	0.15	U	0.00 - 0.50
5C-00073	10109	Eu-155	0.077	0.032	0.013	0.231	S K	0.00 - 0.50
5C-00073	10109	Ho-166m	0.005	0.023	0.0041	0.0432	U	0.00 - 0.50
5C-00073	10109	K-40	18.2	0.13	0.56	32.4		0.00 - 0.50
5C-00073	10109	Na-22	-0.0021	0.023	0.0069	0.037	U	0.00 - 0.50
5C-00073	10109	Nb-94	0.0061	0.013	0.0041	0.0214	U	0.00 - 0.50
5C-00073	10109	Np-236	-0.0039	0.024	0.0072	0.047	U	0.00 - 0.50
5C-00073	10109	Np-239	0.024	0.082	0.025	0.139	U	0.00 - 0.50
5C-00073	10109	Pa-231	0.1	0.5	0.15	0.936	U	0.00 - 0.50
5C-00073	10109	Pb-212	1.46	0.023	0.06	2.69		0.00 - 0.50
5C-00073	10109	Pb-214	0.799	0.023	0.028	1.7		0.00 - 0.50
5C-00073	10109	Pu-236	-0.0006	0.0059	0.0007	7.79	U	0.00 - 0.50
5C-00073	10109	Pu-238	0.0004	0.0059	0.0012	0.0415	U	0.00 - 0.50
5C-00073	10109	Pu-239/240	0.001	0.0027	0.001	0.0404	U	0.00 - 0.50
5C-00073	10109	Pu-244	0.0004	0.0059	0.0012	0.0313	U	0.00 - 0.50
5C-00073	10109	Rn-220	1.21	0.023	0.089	--		0.00 - 0.50
5C-00073	10109	Rn-222	0.784	0.023	0.039	--		0.00 - 0.50
5C-00073	10109	Sb-125	0.137	0.041	0.012	0.354	S K	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00073	10109	Sn-126	-0.0026	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00073	10109	Sr-90	-0.018	0.043	0.012	0.485	U	0.00 - 0.50
5C-00073	10109	Te-125m	0.0317	0.0096	0.0027	0.0838	S K	0.00 - 0.50
5C-00073	10109	Th-228	1.14	0.02	0.06	3.98		0.00 - 0.50
5C-00073	10109	Th-229	0.0093	0.0063	0.0031	0.145		0.00 - 0.50
5C-00073	10109	Th-230	0.782	0.008	0.044	2.2		0.00 - 0.50
5C-00073	10109	Th-232	1.04	0.008	0.055	3.1		0.00 - 0.50
5C-00073	10109	Th-234	0.331	0.15	0.048	3.19	R	0.00 - 0.50
5C-00073	10109	Tl-208	0.446	0.016	0.017	0.937		0.00 - 0.50
5C-00073	10109	Tm-171	3.5	5	1.9	72.4		0.00 - 0.50
5C-00073	10109	U-233/234	0.709	0.009	0.04	2.02		0.00 - 0.50
5C-00073	10109	U-235/236	0.0306	0.0087	0.0064	0.151		0.00 - 0.50
5C-00073	10109	U-238	0.729	0.007	0.04	1.8		0.00 - 0.50
5C-00074	10110	Ac-227	-0.016	0.14	0.041	0.217	U	1.00 - 5.00
5C-00074	10110	Ac-228	1.32	0.072	0.047	2.4		1.00 - 5.00
5C-00074	10110	Ag-108	-0.0015	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00074	10110	Ag-108m	-0.0162	0.015	0.0047	--	R U	1.00 - 5.00
5C-00074	10110	Am-241	0.0058	0.0077	0.0028	0.0454		1.00 - 5.00
5C-00074	10110	Ba-133	-0.139	0.027	0.01	--	R U	1.00 - 5.00
5C-00074	10110	Ba-137m	-0.0047	0.014	0.0042	--	U	1.00 - 5.00
5C-00074	10110	Bi-212	1.05	0.14	0.086	2.15		1.00 - 5.00
5C-00074	10110	Bi-214	0.924	0.026	0.033	1.59		1.00 - 5.00
5C-00074	10110	Cd-113m	5	40	12	3030	U	1.00 - 5.00
5C-00074	10110	Cf-249	0.0051	0.088	0.0038	--	U R	1.00 - 5.00
5C-00074	10110	Cm-243/244	0	0.0022	0.0009	0.0443	U	1.00 - 5.00
5C-00074	10110	Cm-245/246	0.0049	0.0019	0.0019	0.0401		1.00 - 5.00
5C-00074	10110	Cm-247/248	0.0007	0.0051	0.0012	0.0306	U	1.00 - 5.00
5C-00074	10110	Co-60	0.0247	0.012	0.0061	0.028		1.00 - 5.00
5C-00074	10110	Cs-134	0.0094	0.056	0.0079	0.0864	U	1.00 - 5.00
5C-00074	10110	Cs-137	-0.005	0.015	0.0044	0.207	U	1.00 - 5.00
5C-00074	10110	Eu-152	-0.011	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00074	10110	Eu-154	-0.023	0.098	0.029	0.15	U	1.00 - 5.00
5C-00074	10110	Eu-155	0.099	0.049	0.021	0.231	R S K	1.00 - 5.00
5C-00074	10110	Ho-166m	-0.0005	0.024	0.0004	0.0432	U	1.00 - 5.00
5C-00074	10110	K-40	18.6	0.11	0.56	32.4		1.00 - 5.00
5C-00074	10110	Na-22	0.0037	0.02	0.0061	0.037	U	1.00 - 5.00
5C-00074	10110	Nb-94	0.0153	0.012	0.0056	0.0214	S K	1.00 - 5.00
5C-00074	10110	Np-236	-0.007	0.037	0.011	0.047	U	1.00 - 5.00
5C-00074	10110	Np-239	-0.003	0.095	0.028	0.139	U	1.00 - 5.00
5C-00074	10110	Pa-231	-0.22	0.65	0.2	0.936	U	1.00 - 5.00
5C-00074	10110	Pb-212	1.5	0.025	0.046	2.69		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00074	10110	Pb-214	0.991	0.028	0.043	1.7		1.00 - 5.00
5C-00074	10110	Pu-236	0.175	0.009	0.015	7.79		1.00 - 5.00
5C-00074	10110	Pu-236	-0.0024	0.0084	0.002	7.79	U	1.00 - 5.00
5C-00074	10110	Pu-238	0.0021	0.0048	0.0015	0.0415		1.00 - 5.00
5C-00074	10110	Pu-239/240	0.0016	0.0014	0.0009	0.0404		1.00 - 5.00
5C-00074	10110	Pu-244	-0.0005	0.0038	0.0006	0.0313	U	1.00 - 5.00
5C-00074	10110	Rn-220	1.27	0.025	0.097	--		1.00 - 5.00
5C-00074	10110	Rn-222	0.958	0.026	0.054	--		1.00 - 5.00
5C-00074	10110	Sb-125	0.144	0.043	0.011	0.354	S K	1.00 - 5.00
5C-00074	10110	Sn-126	0.0046	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00074	10110	Sr-90	-0.005	0.064	0.018	0.485	U	1.00 - 5.00
5C-00074	10110	Te-125m	0.0332	0.0099	0.0026	0.0838	S K	1.00 - 5.00
5C-00074	10110	Th-228	1.39	0.01	0.068	3.98		1.00 - 5.00
5C-00074	10110	Th-229	0.0056	0.0059	0.0024	0.145		1.00 - 5.00
5C-00074	10110	Th-230	0.925	0.008	0.049	2.2		1.00 - 5.00
5C-00074	10110	Th-232	1.33	0.008	0.066	3.1		1.00 - 5.00
5C-00074	10110	Th-234	1.38	0.21	0.081	3.19	R	1.00 - 5.00
5C-00074	10110	Tl-208	0.498	0.018	0.019	0.937		1.00 - 5.00
5C-00074	10110	Tm-171	-7.8	9.3	2.9	72.4	L U	1.00 - 5.00
5C-00074	10110	U-233/234	0.915	0.003	0.049	2.02		1.00 - 5.00
5C-00074	10110	U-235/236	0.0451	0.0033	0.0076	0.151	J	1.00 - 5.00
5C-00074	10110	U-238	0.973	0.007	0.051	1.8		1.00 - 5.00
5C-00075	10111	Ac-227	0.017	0.14	0.03	0.217	U	1.00 - 5.00
5C-00075	10111	Ac-228	1.31	0.083	0.044	2.4		1.00 - 5.00
5C-00075	10111	Ag-108	-0.0021	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00075	10111	Ag-108m	-0.0227	0.016	0.005	--	R U	1.00 - 5.00
5C-00075	10111	Am-241	0.0054	0.0024	0.0022	0.0454		1.00 - 5.00
5C-00075	10111	Ba-133	-0.0251	0.02	0.0062	--	R U	1.00 - 5.00
5C-00075	10111	Ba-137m	0.0177	0.011	0.0052	--		1.00 - 5.00
5C-00075	10111	Bi-212	0.982	0.15	0.094	2.15		1.00 - 5.00
5C-00075	10111	Bi-214	0.94	0.023	0.033	1.59		1.00 - 5.00
5C-00075	10111	Cd-113m	0.1	42	13	3030	U	1.00 - 5.00
5C-00075	10111	Cf-249	0.037	0.059	0.018	--	R	1.00 - 5.00
5C-00075	10111	Cm-243/244	-0.0053	0.016	0.0038	0.0443	U	1.00 - 5.00
5C-00075	10111	Cm-245/246	0.001	0.012	0.0032	0.0401	U J	1.00 - 5.00
5C-00075	10111	Cm-247/248	0.001	0.0027	0.001	0.0306	U	1.00 - 5.00
5C-00075	10111	Co-60	-0.0043	0.019	0.0057	0.028	U	1.00 - 5.00
5C-00075	10111	Cs-134	0.0093	0.05	0.0037	0.0864	U	1.00 - 5.00
5C-00075	10111	Cs-137	0.0187	0.012	0.0055	0.207		1.00 - 5.00
5C-00075	10111	Eu-152	-0.011	0.04	0.012	0.0566	U	1.00 - 5.00
5C-00075	10111	Eu-154	-0.016	0.11	0.032	0.15	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00075	10111	Eu-155	0.077	0.033	0.013	0.231	R S K	1.00 - 5.00
5C-00075	10111	Ho-166m	0.0032	0.026	0.0026	0.0432	U	1.00 - 5.00
5C-00075	10111	K-40	19	0.12	0.58	32.4		1.00 - 5.00
5C-00075	10111	Na-22	-0.0048	0.024	0.0071	0.037	U	1.00 - 5.00
5C-00075	10111	Nb-94	0.0045	0.015	0.0045	0.0214	U	1.00 - 5.00
5C-00075	10111	Np-236	-0.0002	0.029	0.0086	0.047	U	1.00 - 5.00
5C-00075	10111	Np-239	0.011	0.088	0.026	0.139	U	1.00 - 5.00
5C-00075	10111	Pa-231	-0.003	0.55	0.17	0.936	U	1.00 - 5.00
5C-00075	10111	Pb-212	1.62	0.022	0.066	2.69		1.00 - 5.00
5C-00075	10111	Pb-214	1.03	0.025	0.035	1.7		1.00 - 5.00
5C-00075	10111	Pu-236	-0.0024	0.0069	0.0014	7.79	U	1.00 - 5.00
5C-00075	10111	Pu-236	0.156	0.005	0.015	7.79		1.00 - 5.00
5C-00075	10111	Pu-238	0.0072	0.0051	0.0023	0.0415		1.00 - 5.00
5C-00075	10111	Pu-239/240	0	0.0041	0.0008	0.0404	U	1.00 - 5.00
5C-00075	10111	Pu-244	0.0006	0.0015	0.0006	0.0313	U	1.00 - 5.00
5C-00075	10111	Rn-220	1.3	0.02	0.11	--		1.00 - 5.00
5C-00075	10111	Rn-222	0.986	0.023	0.048	--		1.00 - 5.00
5C-00075	10111	Sb-125	0.133	0.041	0.01	0.354	S K	1.00 - 5.00
5C-00075	10111	Sn-126	0.0052	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00075	10111	Sr-90	0.013	0.057	0.017	0.485	U	1.00 - 5.00
5C-00075	10111	Te-125m	0.0307	0.0094	0.0024	0.0838	S K	1.00 - 5.00
5C-00075	10111	Th-228	1.32	0.008	0.067	3.98		1.00 - 5.00
5C-00075	10111	Th-229	0.0066	0.0036	0.003	0.145		1.00 - 5.00
5C-00075	10111	Th-230	0.939	0.003	0.051	2.2		1.00 - 5.00
5C-00075	10111	Th-232	1.29	0.003	0.065	3.1		1.00 - 5.00
5C-00075	10111	Th-234	0.58	0.15	0.052	3.19	R	1.00 - 5.00
5C-00075	10111	Tl-208	0.497	0.018	0.019	0.937		1.00 - 5.00
5C-00075	10111	Tm-171	-3.4	5.8	1.8	72.4	U	1.00 - 5.00
5C-00075	10111	U-233/234	0.895	0.016	0.052	2.02	J	1.00 - 5.00
5C-00075	10111	U-235/236	0.0369	0.014	0.0088	0.151	J	1.00 - 5.00
5C-00075	10111	U-238	0.926	0.004	0.054	1.8	J	1.00 - 5.00
5C-00076	10112	Ac-227	0.055	0.15	0.017	0.217	U	0.00 - 0.50
5C-00076	10112	Ac-228	1.3	0.085	0.044	2.4		0.00 - 0.50
5C-00076	10112	Ag-108	-0.0011	0.0014	0.0004	--	UL	0.00 - 0.50
5C-00076	10112	Ag-108m	-0.0115	0.015	0.0047	--	UL	0.00 - 0.50
5C-00076	10112	Am-241	0	0.0066	0.0013	0.0454	U	0.00 - 0.50
5C-00076	10112	Ba-133	-0.0975	0.024	0.0083	--	R	0.00 - 0.50
5C-00076	10112	Ba-137m	0.0182	0.013	0.0058	--		0.00 - 0.50
5C-00076	10112	Bi-212	1.11	0.15	0.097	2.15		0.00 - 0.50
5C-00076	10112	Bi-214	0.844	0.025	0.031	1.59		0.00 - 0.50
5C-00076	10112	Cd-113m	-0.6	34	10	3030	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00076	10112	Cf-249	-0.03	0.066	0.02	--	U	0.00 - 0.50
5C-00076	10112	Cm-243/244	-0.0009	0.0081	0.0016	0.0443	U	0.00 - 0.50
5C-00076	10112	Cm-245/246	-0.0011	0.0083	0.0013	0.0401	U	0.00 - 0.50
5C-00076	10112	Cm-247/248	0.0011	0.003	0.0011	0.0306	U	0.00 - 0.50
5C-00076	10112	Co-60	-0.0001	0.02	0.006	0.028	U	0.00 - 0.50
5C-00076	10112	Cs-134	0.0143	0.052	0.0042	0.0864	U	0.00 - 0.50
5C-00076	10112	Cs-137	0.0192	0.013	0.0061	0.207		0.00 - 0.50
5C-00076	10112	Eu-152	0.0104	0.037	0.0054	0.0566	U	0.00 - 0.50
5C-00076	10112	Eu-154	0.023	0.087	0.022	0.15	U	0.00 - 0.50
5C-00076	10112	Eu-155	0.091	0.034	0.014	0.231		0.00 - 0.50
5C-00076	10112	Ho-166m	0.0051	0.023	0.0067	0.0432	U	0.00 - 0.50
5C-00076	10112	K-40	18.5	0.13	0.56	32.4		0.00 - 0.50
5C-00076	10112	Na-22	0.0002	0.023	0.0068	0.037	U	0.00 - 0.50
5C-00076	10112	Nb-94	0.003	0.015	0.0032	0.0214	U	0.00 - 0.50
5C-00076	10112	Np-236	-0.0001	0.03	0.009	0.047	U	0.00 - 0.50
5C-00076	10112	Np-239	-0.009	0.089	0.027	0.139	U	0.00 - 0.50
5C-00076	10112	Pa-231	0.11	0.58	0.14	0.936	U	0.00 - 0.50
5C-00076	10112	Pb-212	1.78	0.023	0.072	2.69		0.00 - 0.50
5C-00076	10112	Pb-214	0.932	0.026	0.032	1.7		0.00 - 0.50
5C-00076	10112	Pu-236	-0.0026	0.0083	0.0019	7.79	U	0.00 - 0.50
5C-00076	10112	Pu-238	0	0.0049	0.0011	0.0415	U	0.00 - 0.50
5C-00076	10112	Pu-239/240	-0.0005	0.0056	0.0013	0.0404	U	0.00 - 0.50
5C-00076	10112	Pu-244	0.0037	0.0014	0.0014	0.0313		0.00 - 0.50
5C-00076	10112	Rn-220	1.45	0.02	0.12	--		0.00 - 0.50
5C-00076	10112	Rn-222	0.888	0.025	0.044	--		0.00 - 0.50
5C-00076	10112	Sb-125	0.144	0.038	0.011	0.354		0.00 - 0.50
5C-00076	10112	Sn-126	0.0007	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00076	10112	Sr-90	0.007	0.035	0.01	0.485	U	0.00 - 0.50
5C-00076	10112	Te-125m	0.0334	0.0089	0.0026	0.0838		0.00 - 0.50
5C-00076	10112	Th-228	1.24	0.016	0.063	3.98		0.00 - 0.50
5C-00076	10112	Th-229	0.0044	0.013	0.0039	0.145	U	0.00 - 0.50
5C-00076	10112	Th-230	0.891	0.008	0.047	2.2		0.00 - 0.50
5C-00076	10112	Th-232	1.19	0.007	0.06	3.1		0.00 - 0.50
5C-00076	10112	Th-234	0.37	0.16	0.05	3.19	R	0.00 - 0.50
5C-00076	10112	Tl-208	0.531	0.02	0.02	0.937		0.00 - 0.50
5C-00076	10112	Tm-171	-3.5	5.3	1.6	72.4	UL	0.00 - 0.50
5C-00076	10112	U-233/234	0.817	0.009	0.047	2.02		0.00 - 0.50
5C-00076	10112	U-235/236	0.0437	0.0042	0.0085	0.151		0.00 - 0.50
5C-00076	10112	U-238	0.852	0.003	0.048	1.8		0.00 - 0.50
5C-00076	10113	Ac-227	0.085	0.13	0.025	0.217		1.00 - 4.00
5C-00076	10113	Ac-228	1.39	0.092	0.051	2.4		1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00076	10113	Ag-108	-0.0018	0.0016	0.0005	--	R U	1.00 - 4.00
5C-00076	10113	Ag-108m	-0.0193	0.017	0.0054	--	R U	1.00 - 4.00
5C-00076	10113	Am-241	0	0.01	0.0026	0.0454	U	1.00 - 4.00
5C-00076	10113	Ba-133	-0.0985	0.027	0.0091	--	R U	1.00 - 4.00
5C-00076	10113	Ba-137m	0.0005	0.017	0.0051	--	U	1.00 - 4.00
5C-00076	10113	Bi-212	1.26	0.15	0.094	2.15		1.00 - 4.00
5C-00076	10113	Bi-214	0.97	0.029	0.036	1.59		1.00 - 4.00
5C-00076	10113	Cd-113m	13	46	14	3030	U	1.00 - 4.00
5C-00076	10113	Cf-249	0.0157	0.062	0.0063	--	U R	1.00 - 4.00
5C-00076	10113	Cm-243/244	0.0017	0.01	0.0028	0.0443	U	1.00 - 4.00
5C-00076	10113	Cm-245/246	0.0048	0.0018	0.0018	0.0401		1.00 - 4.00
5C-00076	10113	Cm-247/248	0	0.0018	0.0008	0.0306	U	1.00 - 4.00
5C-00076	10113	Co-60	0.0124	0.02	0.0062	0.028		1.00 - 4.00
5C-00076	10113	Cs-134	0.0154	0.057	0.0078	0.0864	S K	1.00 - 4.00
5C-00076	10113	Cs-137	0.0005	0.018	0.0054	0.207	U	1.00 - 4.00
5C-00076	10113	Eu-152	0.018	0.042	0.011	0.0566	U	1.00 - 4.00
5C-00076	10113	Eu-154	-0.0037	0.12	0.0041	0.15	U	1.00 - 4.00
5C-00076	10113	Eu-155	0.103	0.037	0.015	0.231	S K	1.00 - 4.00
5C-00076	10113	Ho-166m	0.0027	0.03	0.0025	0.0432	S K	1.00 - 4.00
5C-00076	10113	K-40	18.6	0.16	0.58	32.4		1.00 - 4.00
5C-00076	10113	Na-22	-0.0065	0.027	0.0081	0.037	U	1.00 - 4.00
5C-00076	10113	Nb-94	0.0044	0.017	0.005	0.0214	S K	1.00 - 4.00
5C-00076	10113	Np-236	0.005	0.034	0.01	0.047	U	1.00 - 4.00
5C-00076	10113	Np-239	0.006	0.097	0.029	0.139	U	1.00 - 4.00
5C-00076	10113	Pa-231	0.18	0.65	0.16	0.936	U	1.00 - 4.00
5C-00076	10113	Pb-212	1.77	0.025	0.072	2.69		1.00 - 4.00
5C-00076	10113	Pb-214	1.05	0.028	0.036	1.7		1.00 - 4.00
5C-00076	10113	Pu-236	0.154	0.006	0.015	7.79		1.00 - 4.00
5C-00076	10113	Pu-236	-0.0006	0.0046	0.0007	7.79	U	1.00 - 4.00
5C-00076	10113	Pu-238	0.0052	0.0043	0.002	0.0415		1.00 - 4.00
5C-00076	10113	Pu-239/240	0.0012	0.0043	0.0012	0.0404	U	1.00 - 4.00
5C-00076	10113	Pu-244	0.0006	0.0016	0.0006	0.0313	U	1.00 - 4.00
5C-00076	10113	Rn-220	1.52	0.02	0.12	--		1.00 - 4.00
5C-00076	10113	Rn-222	1.01	0.028	0.051	--		1.00 - 4.00
5C-00076	10113	Sb-125	0.155	0.034	0.012	0.354	S K	1.00 - 4.00
5C-00076	10113	Sn-126	0.015	0.015	0.007	0.0237		1.00 - 4.00
5C-00076	10113	Sr-90	-0.005	0.059	0.017	0.485	U	1.00 - 4.00
5C-00076	10113	Te-125m	0.0359	0.0079	0.0028	0.0838	S K	1.00 - 4.00
5C-00076	10113	Th-228	1.37	0.019	0.071	3.98		1.00 - 4.00
5C-00076	10113	Th-229	0.0044	0.0017	0.0017	0.145		1.00 - 4.00
5C-00076	10113	Th-230	0.861	0.003	0.049	2.2		1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00076	10113	Th-232	1.41	0.009	0.072	3.1		1.00 - 4.00
5C-00076	10113	Th-234	0.326	0.19	0.058	3.19	R	1.00 - 4.00
5C-00076	10113	Tl-208	0.548	0.02	0.021	0.937		1.00 - 4.00
5C-00076	10113	Tm-171	0.2	6.8	2.1	72.4	U	1.00 - 4.00
5C-00076	10113	U-233/234	0.735	0.002	0.039	2.02		1.00 - 4.00
5C-00076	10113	U-235/236	0.0282	0.0026	0.0054	0.151		1.00 - 4.00
5C-00076	10113	U-238	0.768	0.002	0.04	1.8		1.00 - 4.00
5C-00077	10114	Ac-227	-0.075	0.13	0.04	0.217	U	0.00 - 0.50
5C-00077	10114	Ac-228	1.05	0.078	0.038	2.4		0.00 - 0.50
5C-00077	10114	Ag-108	-0.0001	0.0013	0.0004	--	U	0.00 - 0.50
5C-00077	10114	Ag-108m	-0.0011	0.014	0.0042	--	U	0.00 - 0.50
5C-00077	10114	Am-241	0	0.0022	0.0009	0.0454	U	0.00 - 0.50
5C-00077	10114	Ba-133	-0.014	0.017	0.0054	--	UL	0.00 - 0.50
5C-00077	10114	Ba-137m	0.0262	0.013	0.0061	--		0.00 - 0.50
5C-00077	10114	Bi-212	0.883	0.11	0.062	2.15		0.00 - 0.50
5C-00077	10114	Bi-214	0.684	0.025	0.026	1.59		0.00 - 0.50
5C-00077	10114	Cd-113m	-0.6	38	11	3030	U	0.00 - 0.50
5C-00077	10114	Cf-249	0.042	0.054	0.017	--		0.00 - 0.50
5C-00077	10114	Cm-243/244	0	0.0022	0.0009	0.0443	U	0.00 - 0.50
5C-00077	10114	Cm-245/246	0.0018	0.0025	0.0013	0.0401	U	0.00 - 0.50
5C-00077	10114	Cm-247/248	0.0009	0.0066	0.0016	0.0306	U	0.00 - 0.50
5C-00077	10114	Co-60	0.001	0.018	0.0053	0.028	U	0.00 - 0.50
5C-00077	10114	Cs-134	-0.0002	0.027	0.0081	0.0864	U	0.00 - 0.50
5C-00077	10114	Cs-137	0.0277	0.013	0.0064	0.207		0.00 - 0.50
5C-00077	10114	Eu-152	0.009	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00077	10114	Eu-154	0.018	0.11	0.032	0.15	U	0.00 - 0.50
5C-00077	10114	Eu-155	0.054	0.032	0.013	0.231		0.00 - 0.50
5C-00077	10114	Ho-166m	0.004	0.025	0.0053	0.0432	U	0.00 - 0.50
5C-00077	10114	K-40	19.4	0.13	0.6	32.4		0.00 - 0.50
5C-00077	10114	Na-22	-0.004	0.023	0.0068	0.037	U	0.00 - 0.50
5C-00077	10114	Nb-94	0.004	0.014	0.0041	0.0214	U	0.00 - 0.50
5C-00077	10114	Np-236	0.0041	0.029	0.0086	0.047	U	0.00 - 0.50
5C-00077	10114	Np-239	-0.022	0.079	0.024	0.139	U	0.00 - 0.50
5C-00077	10114	Pa-231	-0.03	0.58	0.17	0.936	U	0.00 - 0.50
5C-00077	10114	Pb-212	1.42	0.024	0.058	2.69		0.00 - 0.50
5C-00077	10114	Pb-214	0.682	0.026	0.025	1.7		0.00 - 0.50
5C-00077	10114	Pu-236	0.0005	0.0014	0.0005	7.79	U	0.00 - 0.50
5C-00077	10114	Pu-238	-0.0005	0.0038	0.0006	0.0415	U	0.00 - 0.50
5C-00077	10114	Pu-239/240	0.0015	0.0014	0.0009	0.0404		0.00 - 0.50
5C-00077	10114	Pu-244	0.001	0.0014	0.0007	0.0313	U	0.00 - 0.50
5C-00077	10114	Rn-220	1.15	0.024	0.085	--		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00077	10114	Rn-222	0.683	0.025	0.037	--		0.00 - 0.50
5C-00077	10114	Sb-125	0.14	0.038	0.011	0.354		0.00 - 0.50
5C-00077	10114	Sn-126	0.0016	0.016	0.0047	0.0237	U	0.00 - 0.50
5C-00077	10114	Sr-90	0.0006	0.04	0.012	0.485	U	0.00 - 0.50
5C-00077	10114	Te-125m	0.0323	0.0087	0.0026	0.0838		0.00 - 0.50
5C-00077	10114	Th-228	1.31	0.018	0.067	3.98		0.00 - 0.50
5C-00077	10114	Th-229	0.0119	0.0029	0.0036	0.145		0.00 - 0.50
5C-00077	10114	Th-230	0.761	0.004	0.043	2.2		0.00 - 0.50
5C-00077	10114	Th-232	1.22	0.012	0.063	3.1		0.00 - 0.50
5C-00077	10114	Th-234	0.293	0.14	0.045	3.19	R	0.00 - 0.50
5C-00077	10114	Tl-208	0.458	0.02	0.019	0.937		0.00 - 0.50
5C-00077	10114	Tm-171	-0.8	5.8	1.8	72.4	U	0.00 - 0.50
5C-00077	10114	U-233/234	0.472	0.01	0.032	2.02		0.00 - 0.50
5C-00077	10114	U-235/236	0.0226	0.0044	0.0061	0.151		0.00 - 0.50
5C-00077	10114	U-238	0.484	0.01	0.032	1.8		0.00 - 0.50
5C-00077	10115	Ac-227	0.067	0.15	0.056	0.217	U	1.00 - 4.00
5C-00077	10115	Ac-228	1.45	0.085	0.05	2.4		1.00 - 4.00
5C-00077	10115	Ag-108	0	0.0012	0.0004	--	U R	1.00 - 4.00
5C-00077	10115	Ag-108m	0.0004	0.013	0.0037	--	U R	1.00 - 4.00
5C-00077	10115	Am-241	0.0035	0.015	0.0044	0.0454	U	1.00 - 4.00
5C-00077	10115	Ba-133	0.0028	0.014	0.0044	--	U R	1.00 - 4.00
5C-00077	10115	Ba-137m	0.0095	0.019	0.0073	--		1.00 - 4.00
5C-00077	10115	Bi-212	1.19	0.15	0.09	2.15		1.00 - 4.00
5C-00077	10115	Bi-214	1.07	0.028	0.037	1.59		1.00 - 4.00
5C-00077	10115	Cd-113m	-0.3	44	13	3030	U	1.00 - 4.00
5C-00077	10115	Cf-249	0.0033	0.052	0.0043	--	U R	1.00 - 4.00
5C-00077	10115	Cm-243/244	-0.0023	0.015	0.0034	0.0443	U	1.00 - 4.00
5C-00077	10115	Cm-245/246	0.0021	0.0052	0.0016	0.0401	K	1.00 - 4.00
5C-00077	10115	Cm-247/248	0	0.0065	0.0015	0.0306	U	1.00 - 4.00
5C-00077	10115	Co-60	0.0007	0.022	0.005	0.028	U	1.00 - 4.00
5C-00077	10115	Cs-134	0.0148	0.018	0.0049	0.0864	S K	1.00 - 4.00
5C-00077	10115	Cs-137	0.0101	0.02	0.0078	0.207		1.00 - 4.00
5C-00077	10115	Eu-152	-0.003	0.042	0.0045	0.0566	U	1.00 - 4.00
5C-00077	10115	Eu-154	-0.035	0.12	0.035	0.15	U	1.00 - 4.00
5C-00077	10115	Eu-155	0.092	0.034	0.013	0.231	S K	1.00 - 4.00
5C-00077	10115	Ho-166m	0.0056	0.028	0.0079	0.0432	S K	1.00 - 4.00
5C-00077	10115	K-40	19.3	0.17	0.59	32.4		1.00 - 4.00
5C-00077	10115	Na-22	0.0146	0.016	0.0066	0.037		1.00 - 4.00
5C-00077	10115	Nb-94	0.013	0.014	0.0062	0.0214	S K	1.00 - 4.00
5C-00077	10115	Np-236	-0.0006	0.032	0.0097	0.047	U	1.00 - 4.00
5C-00077	10115	Np-239	0.004	0.059	0.018	0.139	U	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00077	10115	Pa-231	0.01	0.52	0.16	0.936	U	1.00 - 4.00
5C-00077	10115	Pb-212	1.81	0.025	0.073	2.69		1.00 - 4.00
5C-00077	10115	Pb-214	1.16	0.028	0.038	1.7		1.00 - 4.00
5C-00077	10115	Pu-236	0.145	0.006	0.015	7.79		1.00 - 4.00
5C-00077	10115	Pu-236	-0.002	0.0061	0.0011	7.79	U	1.00 - 4.00
5C-00077	10115	Pu-238	0.0054	0.0016	0.0018	0.0415		1.00 - 4.00
5C-00077	10115	Pu-239/240	-0.0006	0.0079	0.0019	0.0404	U	1.00 - 4.00
5C-00077	10115	Pu-244	-0.0036	0.009	0.0019	0.0313	U	1.00 - 4.00
5C-00077	10115	Rn-220	1.5	0.02	0.12	--		1.00 - 4.00
5C-00077	10115	Rn-222	1.12	0.028	0.054	--		1.00 - 4.00
5C-00077	10115	Sb-125	0.162	0.047	0.013	0.354	S K	1.00 - 4.00
5C-00077	10115	Sn-126	0.0034	0.018	0.0055	0.0237	U	1.00 - 4.00
5C-00077	10115	Sr-90	-0.009	0.061	0.017	0.485	U	1.00 - 4.00
5C-00077	10115	Te-125m	0.0375	0.011	0.003	0.0838	S K	1.00 - 4.00
5C-00077	10115	Th-228	1.71	0.014	0.086	3.98		1.00 - 4.00
5C-00077	10115	Th-229	0.0099	0.0043	0.0026	0.145		1.00 - 4.00
5C-00077	10115	Th-230	1.14	0.01	0.062	2.2		1.00 - 4.00
5C-00077	10115	Th-232	1.64	0.012	0.083	3.1		1.00 - 4.00
5C-00077	10115	Th-234	0.469	0.18	0.058	3.19	R	1.00 - 4.00
5C-00077	10115	Tl-208	0.538	0.019	0.02	0.937		1.00 - 4.00
5C-00077	10115	Tm-171	-0.2	5.6	1.7	72.4	U	1.00 - 4.00
5C-00077	10115	U-233/234	0.959	0.002	0.049	2.02		1.00 - 4.00
5C-00077	10115	U-235/236	0.0456	0.0028	0.0071	0.151		1.00 - 4.00
5C-00077	10115	U-238	0.899	0.002	0.047	1.8		1.00 - 4.00
5C-00078	10116	Ac-227	0.054	0.14	0.022	0.217	U	0.00 - 0.50
5C-00078	10116	Ac-228	1.25	0.08	0.044	2.4		0.00 - 0.50
5C-00078	10116	Ag-108	-0.0009	0.0014	0.0004	--	UL	0.00 - 0.50
5C-00078	10116	Ag-108m	-0.0095	0.015	0.0045	--	UL	0.00 - 0.50
5C-00078	10116	Am-241	0	0.011	0.0026	0.0454	U	0.00 - 0.50
5C-00078	10116	Ba-133	-0.101	0.023	0.008	--	R	0.00 - 0.50
5C-00078	10116	Ba-137m	0.0462	0.012	0.0057	--		0.00 - 0.50
5C-00078	10116	Bi-212	1.17	0.12	0.08	2.15		0.00 - 0.50
5C-00078	10116	Bi-214	0.806	0.021	0.028	1.59		0.00 - 0.50
5C-00078	10116	Cd-113m	8	38	11	3030	U	0.00 - 0.50
5C-00078	10116	Cf-249	0.01	0.045	0.014	--	U	0.00 - 0.50
5C-00078	10116	Cm-243/244	0	0.0073	0.0015	0.0443	U	0.00 - 0.50
5C-00078	10116	Cm-245/246	0	0.0033	0.0014	0.0401	U	0.00 - 0.50
5C-00078	10116	Cm-247/248	-0.0012	0.011	0.0022	0.0306	U	0.00 - 0.50
5C-00078	10116	Co-60	-0.0042	0.019	0.0058	0.028	U	0.00 - 0.50
5C-00078	10116	Cs-134	0.0139	0.051	0.005	0.0864	U	0.00 - 0.50
5C-00078	10116	Cs-137	0.0489	0.013	0.0061	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00078	10116	Eu-152	0.015	0.033	0.013	0.0566	U	0.00 - 0.50
5C-00078	10116	Eu-154	0.019	0.093	0.028	0.15	U	0.00 - 0.50
5C-00078	10116	Eu-155	0.089	0.032	0.013	0.231		0.00 - 0.50
5C-00078	10116	Ho-166m	0.0081	0.018	0.007	0.0432	U	0.00 - 0.50
5C-00078	10116	K-40	19.4	0.12	0.59	32.4		0.00 - 0.50
5C-00078	10116	Na-22	0.0079	0.02	0.0059	0.037	U	0.00 - 0.50
5C-00078	10116	Nb-94	0.0026	0.014	0.0042	0.0214	U	0.00 - 0.50
5C-00078	10116	Np-236	0.0043	0.03	0.009	0.047	U	0.00 - 0.50
5C-00078	10116	Np-239	-0.004	0.085	0.026	0.139	U	0.00 - 0.50
5C-00078	10116	Pa-231	0.09	0.49	0.13	0.936	U	0.00 - 0.50
5C-00078	10116	Pb-212	1.65	0.022	0.067	2.69		0.00 - 0.50
5C-00078	10116	Pb-214	0.962	0.024	0.033	1.7		0.00 - 0.50
5C-00078	10116	Pu-236	-0.0012	0.0063	0.0013	7.79	U	0.00 - 0.50
5C-00078	10116	Pu-238	-0.0029	0.0076	0.0015	0.0415	U	0.00 - 0.50
5C-00078	10116	Pu-239/240	0.0018	0.0043	0.0013	0.0404		0.00 - 0.50
5C-00078	10116	Pu-244	0.0006	0.0016	0.0006	0.0313	U	0.00 - 0.50
5C-00078	10116	Rn-220	1.41	0.02	0.1	--		0.00 - 0.50
5C-00078	10116	Rn-222	0.884	0.021	0.043	--		0.00 - 0.50
5C-00078	10116	Sb-125	0.108	0.042	0.0097	0.354		0.00 - 0.50
5C-00078	10116	Sn-126	-0.0035	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00078	10116	Sr-90	0.0172	0.031	0.0096	0.485		0.00 - 0.50
5C-00078	10116	Te-125m	0.0249	0.0097	0.0022	0.0838		0.00 - 0.50
5C-00078	10116	Th-228	1.23	0.02	0.064	3.98		0.00 - 0.50
5C-00078	10116	Th-229	0	0.011	0.0025	0.145	U	0.00 - 0.50
5C-00078	10116	Th-230	0.829	0.003	0.046	2.2		0.00 - 0.50
5C-00078	10116	Th-232	1.19	0.008	0.062	3.1		0.00 - 0.50
5C-00078	10116	Th-234	0.319	0.15	0.047	3.19	R	0.00 - 0.50
5C-00078	10116	Tl-208	0.498	0.019	0.019	0.937		0.00 - 0.50
5C-00078	10116	Tm-171	-0.07	6.1	1.8	72.4	U	0.00 - 0.50
5C-00078	10116	U-233/234	0.773	0.01	0.042	2.02		0.00 - 0.50
5C-00078	10116	U-235/236	0.0343	0.011	0.007	0.151		0.00 - 0.50
5C-00078	10116	U-238	0.716	0.011	0.04	1.8		0.00 - 0.50
5C-00078	10117	Ac-227	0.064	0.13	0.039	0.217		1.00 - 5.00
5C-00078	10117	Ac-228	1.49	0.087	0.053	2.4		1.00 - 5.00
5C-00078	10117	Ag-108	-0.0038	0.0017	0.0006	--	R	1.00 - 5.00
5C-00078	10117	Ag-108m	-0.0412	0.018	0.006	--	R	1.00 - 5.00
5C-00078	10117	Am-241	0.0074	0.013	0.0044	0.0454		1.00 - 5.00
5C-00078	10117	Ba-133	-0.147	0.031	0.011	--	R	1.00 - 5.00
5C-00078	10117	Ba-137m	0.003	0.017	0.0052	--	U	1.00 - 5.00
5C-00078	10117	Bi-212	1.3	0.14	0.088	2.15		1.00 - 5.00
5C-00078	10117	Bi-214	1.04	0.027	0.037	1.59		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00078	10117	Cd-113m	8	48	14	3030	U	1.00 - 5.00
5C-00078	10117	Cf-249	-0.175	0.082	0.027	--	R	1.00 - 5.00
5C-00078	10117	Cm-243/244	0.0024	0.017	0.0048	0.0443	U	1.00 - 5.00
5C-00078	10117	Cm-245/246	0.0036	0.0044	0.0017	0.0401		1.00 - 5.00
5C-00078	10117	Cm-247/248	0.0006	0.0016	0.0006	0.0306	U	1.00 - 5.00
5C-00078	10117	Co-60	0.0025	0.019	0.0056	0.028	U	1.00 - 5.00
5C-00078	10117	Cs-134	0.0243	0.067	0.006	0.0864	U	1.00 - 5.00
5C-00078	10117	Cs-137	0.0032	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00078	10117	Eu-152	-0.014	0.042	0.013	0.0566	U	1.00 - 5.00
5C-00078	10117	Eu-154	0.009	0.1	0.015	0.15	U	1.00 - 5.00
5C-00078	10117	Eu-155	0.078	0.046	0.018	0.231		1.00 - 5.00
5C-00078	10117	Ho-166m	0.0083	0.028	0.009	0.0432	U	1.00 - 5.00
5C-00078	10117	K-40	18.1	0.14	0.55	32.4		1.00 - 5.00
5C-00078	10117	Na-22	-0.0002	0.023	0.0068	0.037	U	1.00 - 5.00
5C-00078	10117	Nb-94	0	0.017	0.004	0.0214	U	1.00 - 5.00
5C-00078	10117	Np-236	-0.008	0.042	0.013	0.047	U	1.00 - 5.00
5C-00078	10117	Np-239	0.016	0.1	0.032	0.139	U	1.00 - 5.00
5C-00078	10117	Pa-231	0.2	0.71	0.21	0.936	U	1.00 - 5.00
5C-00078	10117	Pb-212	1.55	0.037	0.05	2.69		1.00 - 5.00
5C-00078	10117	Pb-214	1.17	0.03	0.05	1.7		1.00 - 5.00
5C-00078	10117	Pu-236	0.161	0.006	0.015	7.79		1.00 - 5.00
5C-00078	10117	Pu-236	-0.005	0.012	0.0029	7.79	U	1.00 - 5.00
5C-00078	10117	Pu-238	0.0016	0.0051	0.0015	0.0415	U	1.00 - 5.00
5C-00078	10117	Pu-239/240	0	0.004	0.0008	0.0404	U	1.00 - 5.00
5C-00078	10117	Pu-244	-0.0006	0.004	0.0006	0.0313	U	1.00 - 5.00
5C-00078	10117	Rn-220	1.42	0.04	0.1	--		1.00 - 5.00
5C-00078	10117	Rn-222	1.11	0.027	0.062	--		1.00 - 5.00
5C-00078	10117	Sb-125	0.146	0.047	0.011	0.354		1.00 - 5.00
5C-00078	10117	Sn-126	0.0032	0.018	0.0054	0.0237	U	1.00 - 5.00
5C-00078	10117	Sr-90	0.026	0.06	0.018	0.485	U	1.00 - 5.00
5C-00078	10117	Te-125m	0.0338	0.011	0.0026	0.0838		1.00 - 5.00
5C-00078	10117	Th-228	1.71	0.04	0.11	3.98	K	1.00 - 5.00
5C-00078	10117	Th-229	0.0022	0.007	0.0021	0.145	U	1.00 - 5.00
5C-00078	10117	Th-230	1.2	0.038	0.09	2.2	K	1.00 - 5.00
5C-00078	10117	Th-232	1.66	0.03	0.11	3.1	K	1.00 - 5.00
5C-00078	10117	Th-234	1.43	0.23	0.087	3.19	R	1.00 - 5.00
5C-00078	10117	Tl-208	0.577	0.019	0.022	0.937		1.00 - 5.00
5C-00078	10117	Tm-171	1.8	7.7	2.3	72.4	U	1.00 - 5.00
5C-00078	10117	U-233/234	0.79	0.002	0.041	2.02		1.00 - 5.00
5C-00078	10117	U-235/236	0.0382	0.0027	0.0063	0.151		1.00 - 5.00
5C-00078	10117	U-238	0.797	0.002	0.042	1.8		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00079	10118	Ac-227	0.022	0.11	0.051	0.217	U	0.00 - 0.50
5C-00079	10118	Ac-228	1.49	0.078	0.051	2.4		0.00 - 0.50
5C-00079	10118	Ag-108	-0.0017	0.0015	0.0005	--	R	0.00 - 0.50
5C-00079	10118	Ag-108m	-0.0186	0.016	0.0049	--	R	0.00 - 0.50
5C-00079	10118	Am-241	0	0.0067	0.0015	0.0454	U	0.00 - 0.50
5C-00079	10118	Ba-133	-0.0191	0.018	0.0057	--	R	0.00 - 0.50
5C-00079	10118	Ba-137m	0.024	0.013	0.0059	--		0.00 - 0.50
5C-00079	10118	Bi-212	1.27	0.15	0.092	2.15		0.00 - 0.50
5C-00079	10118	Bi-214	0.78	0.028	0.029	1.59		0.00 - 0.50
5C-00079	10118	Cd-113m	0.7	33	9.7	3030	U	0.00 - 0.50
5C-00079	10118	Cf-249	0.0054	0.066	0.0039	--	U	0.00 - 0.50
5C-00079	10118	Cm-243/244	0	0.0076	0.0018	0.0443	U	0.00 - 0.50
5C-00079	10118	Cm-245/246	0	0.0095	0.0023	0.0401	U	0.00 - 0.50
5C-00079	10118	Cm-247/248	0.0026	0.0024	0.0015	0.0306		0.00 - 0.50
5C-00079	10118	Co-60	-0.0048	0.019	0.0057	0.028	U	0.00 - 0.50
5C-00079	10118	Cs-134	0.0203	0.048	0.0055	0.0864	U	0.00 - 0.50
5C-00079	10118	Cs-137	0.0254	0.014	0.0062	0.207		0.00 - 0.50
5C-00079	10118	Eu-152	0.015	0.038	0.014	0.0566	U	0.00 - 0.50
5C-00079	10118	Eu-154	-0.0035	0.096	0.0027	0.15	U	0.00 - 0.50
5C-00079	10118	Eu-155	0.058	0.035	0.011	0.231		0.00 - 0.50
5C-00079	10118	Ho-166m	0.0156	0.024	0.004	0.0432	J	0.00 - 0.50
5C-00079	10118	K-40	20.5	0.17	0.62	32.4		0.00 - 0.50
5C-00079	10118	Na-22	0.0021	0.023	0.007	0.037	U	0.00 - 0.50
5C-00079	10118	Nb-94	0.0053	0.014	0.0031	0.0214	U	0.00 - 0.50
5C-00079	10118	Np-236	0.014	0.028	0.0084	0.047		0.00 - 0.50
5C-00079	10118	Np-239	0.005	0.085	0.025	0.139	U	0.00 - 0.50
5C-00079	10118	Pa-231	0.14	0.57	0.17	0.936	U	0.00 - 0.50
5C-00079	10118	Pb-212	1.8	0.024	0.054	2.69		0.00 - 0.50
5C-00079	10118	Pb-214	0.832	0.026	0.036	1.7		0.00 - 0.50
5C-00079	10118	Pu-236	-0.0034	0.0092	0.0015	7.79	UL	0.00 - 0.50
5C-00079	10118	Pu-238	-0.0005	0.0049	0.0006	0.0415	U	0.00 - 0.50
5C-00079	10118	Pu-239/240	0	0.0022	0.0007	0.0404	U	0.00 - 0.50
5C-00079	10118	Pu-244	0.0025	0.0022	0.0014	0.0313		0.00 - 0.50
5C-00079	10118	Rn-220	1.54	0.02	0.11	--		0.00 - 0.50
5C-00079	10118	Rn-222	0.806	0.026	0.046	--		0.00 - 0.50
5C-00079	10118	Sb-125	0.182	0.043	0.013	0.354		0.00 - 0.50
5C-00079	10118	Sn-126	0.0024	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00079	10118	Sr-90	0.02	0.058	0.017	0.485	U	0.00 - 0.50
5C-00079	10118	Te-125m	0.042	0.01	0.0029	0.0838		0.00 - 0.50
5C-00079	10118	Th-228	1.41	0.012	0.069	3.98		0.00 - 0.50
5C-00079	10118	Th-229	0.0041	0.013	0.0038	0.145	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00079	10118	Th-230	0.63	0.01	0.036	2.2		0.00 - 0.50
5C-00079	10118	Th-232	1.34	0.007	0.067	3.1		0.00 - 0.50
5C-00079	10118	Th-234	0.317	0.17	0.052	3.19	R	0.00 - 0.50
5C-00079	10118	Tl-208	0.604	0.019	0.022	0.937		0.00 - 0.50
5C-00079	10118	Tm-171	-3.2	5.5	1.7	72.4	U	0.00 - 0.50
5C-00079	10118	U-233/234	0.563	0.005	0.03	2.02		0.00 - 0.50
5C-00079	10118	U-235/236	0.028	0.0021	0.0048	0.151		0.00 - 0.50
5C-00079	10118	U-238	0.618	0.006	0.033	1.8		0.00 - 0.50
5C-00079	10119	Ac-227	0.045	0.13	0.058	0.217	U	1.00 - 5.00
5C-00079	10119	Ac-228	1.45	0.093	0.053	2.4		1.00 - 5.00
5C-00079	10119	Ag-108	-0.0025	0.0017	0.0006	--	R	1.00 - 5.00
5C-00079	10119	Ag-108m	-0.0268	0.019	0.0059	--	R	1.00 - 5.00
5C-00079	10119	Am-241	0.0016	0.0076	0.0021	0.0454	U	1.00 - 5.00
5C-00079	10119	Ba-133	-0.0112	0.021	0.0063	--	U	1.00 - 5.00
5C-00079	10119	Ba-137m	-0.004	0.019	0.0056	--	U	1.00 - 5.00
5C-00079	10119	Bi-212	1.35	0.17	0.11	2.15		1.00 - 5.00
5C-00079	10119	Bi-214	1.06	0.029	0.038	1.59	R	1.00 - 5.00
5C-00079	10119	Cd-113m	10	40	12	3030	U	1.00 - 5.00
5C-00079	10119	Cf-249	-0.019	0.07	0.021	--	U	1.00 - 5.00
5C-00079	10119	Cm-243/244	-0.0016	0.0096	0.0021	0.0443	U	1.00 - 5.00
5C-00079	10119	Cm-245/246	0.0073	0.0028	0.0028	0.0401		1.00 - 5.00
5C-00079	10119	Cm-247/248	0.001	0.0076	0.0019	0.0306	U	1.00 - 5.00
5C-00079	10119	Co-60	-0.0006	0.021	0.0062	0.028	U	1.00 - 5.00
5C-00079	10119	Cs-134	0.0109	0.06	0.0032	0.0864	U	1.00 - 5.00
5C-00079	10119	Cs-137	-0.0042	0.02	0.0059	0.207	U	1.00 - 5.00
5C-00079	10119	Eu-152	0.014	0.044	0.01	0.0566	U	1.00 - 5.00
5C-00079	10119	Eu-154	0.032	0.12	0.035	0.15	U	1.00 - 5.00
5C-00079	10119	Eu-155	0.062	0.047	0.015	0.231		1.00 - 5.00
5C-00079	10119	Ho-166m	0.0104	0.029	0.0073	0.0432	U	1.00 - 5.00
5C-00079	10119	K-40	20.4	0.2	0.63	32.4		1.00 - 5.00
5C-00079	10119	Na-22	0.0094	0.026	0.0079	0.037	U	1.00 - 5.00
5C-00079	10119	Nb-94	0.0096	0.016	0.005	0.0214		1.00 - 5.00
5C-00079	10119	Np-236	-0.006	0.036	0.011	0.047	U	1.00 - 5.00
5C-00079	10119	Np-239	-0.025	0.09	0.027	0.139	U	1.00 - 5.00
5C-00079	10119	Pa-231	-0.13	0.64	0.19	0.936	U	1.00 - 5.00
5C-00079	10119	Pb-212	1.79	0.027	0.054	2.69		1.00 - 5.00
5C-00079	10119	Pb-214	1.2	0.029	0.051	1.7		1.00 - 5.00
5C-00079	10119	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 5.00
5C-00079	10119	Pu-238	-0.0021	0.0074	0.0016	0.0415	U	1.00 - 5.00
5C-00079	10119	Pu-239/240	0	0.0014	0.0006	0.0404	U	1.00 - 5.00
5C-00079	10119	Pu-244	0.0037	0.0014	0.0014	0.0313		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00079	10119	Rn-220	1.57	0.03	0.12	--		1.00 - 5.00
5C-00079	10119	Rn-222	1.13	0.029	0.063	--		1.00 - 5.00
5C-00079	10119	Sb-125	0.144	0.049	0.012	0.354		1.00 - 5.00
5C-00079	10119	Sn-126	0.0036	0.019	0.0057	0.0237	U	1.00 - 5.00
5C-00079	10119	Sr-90	0.009	0.048	0.014	0.485	U	1.00 - 5.00
5C-00079	10119	Te-125m	0.0334	0.011	0.0028	0.0838		1.00 - 5.00
5C-00079	10119	Th-228	1.46	0.024	0.077	3.98	K	1.00 - 5.00
5C-00079	10119	Th-229	0.0115	0.012	0.005	0.145	K	1.00 - 5.00
5C-00079	10119	Th-230	1.02	0.014	0.058	2.2	K	1.00 - 5.00
5C-00079	10119	Th-232	1.33	0.004	0.072	3.1	K	1.00 - 5.00
5C-00079	10119	Th-234	0.542	0.2	0.063	3.19	R	1.00 - 5.00
5C-00079	10119	Tl-208	0.582	0.02	0.022	0.937		1.00 - 5.00
5C-00079	10119	Tm-171	-5.8	6.1	1.9	72.4	R	1.00 - 5.00
5C-00079	10119	U-233/234	0.723	0.01	0.04	2.02		1.00 - 5.00
5C-00079	10119	U-235/236	0.0507	0.0087	0.0082	0.151		1.00 - 5.00
5C-00079	10119	U-238	0.765	0.003	0.042	1.8		1.00 - 5.00
5C-00080	10120	Ac-227	0.05	0.12	0.043	0.217	U	0.00 - 0.50
5C-00080	10120	Ac-228	1.27	0.088	0.046	2.4		0.00 - 0.50
5C-00080	10120	Ag-108	-0.0022	0.0015	0.0005	--	R	0.00 - 0.50
5C-00080	10120	Ag-108m	-0.0232	0.016	0.0052	--	R	0.00 - 0.50
5C-00080	10120	Am-241	-0.0029	0.01	0.0019	0.0454	U	0.00 - 0.50
5C-00080	10120	Ba-133	-0.101	0.024	0.0083	--	R	0.00 - 0.50
5C-00080	10120	Ba-137m	0.0144	0.013	0.0057	--		0.00 - 0.50
5C-00080	10120	Bi-212	0.963	0.13	0.076	2.15		0.00 - 0.50
5C-00080	10120	Bi-214	0.958	0.028	0.035	1.59		0.00 - 0.50
5C-00080	10120	Cd-113m	-0.8	35	11	3030	U	0.00 - 0.50
5C-00080	10120	Cf-249	-0.008	0.066	0.02	--	U	0.00 - 0.50
5C-00080	10120	Cm-243/244	-0.001	0.007	0.0011	0.0443	U	0.00 - 0.50
5C-00080	10120	Cm-245/246	0.0012	0.0032	0.0012	0.0401	U	0.00 - 0.50
5C-00080	10120	Cm-247/248	-0.0012	0.0087	0.0013	0.0306	U	0.00 - 0.50
5C-00080	10120	Co-60	0.0074	0.02	0.0049	0.028	U	0.00 - 0.50
5C-00080	10120	Cs-134	0.0112	0.054	0.0048	0.0864	UJ	0.00 - 0.50
5C-00080	10120	Cs-137	0.0152	0.013	0.006	0.207		0.00 - 0.50
5C-00080	10120	Eu-152	0.0001	0.036	0.0001	0.0566	U	0.00 - 0.50
5C-00080	10120	Eu-154	0.016	0.086	0.011	0.15	U	0.00 - 0.50
5C-00080	10120	Eu-155	0.057	0.033	0.013	0.231		0.00 - 0.50
5C-00080	10120	Ho-166m	0.0289	0.027	0.0042	0.0432		0.00 - 0.50
5C-00080	10120	K-40	19.9	0.14	0.6	32.4		0.00 - 0.50
5C-00080	10120	Na-22	0	0.023	0.0069	0.037	U	0.00 - 0.50
5C-00080	10120	Nb-94	0.002	0.015	0.0029	0.0214	U	0.00 - 0.50
5C-00080	10120	Np-236	0.0002	0.031	0.0093	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00080	10120	Np-239	0.01	0.07	0.021	0.139	U	0.00 - 0.50
5C-00080	10120	Pa-231	0.05	0.6	0.18	0.936	U	0.00 - 0.50
5C-00080	10120	Pb-212	1.71	0.025	0.069	2.69		0.00 - 0.50
5C-00080	10120	Pb-214	1.03	0.025	0.035	1.7		0.00 - 0.50
5C-00080	10120	Pu-236	-0.0031	0.0091	0.0014	7.79	UL	0.00 - 0.50
5C-00080	10120	Pu-238	-0.0015	0.0071	0.001	0.0415	U	0.00 - 0.50
5C-00080	10120	Pu-239/240	0.0017	0.0023	0.0012	0.0404		0.00 - 0.50
5C-00080	10120	Pu-244	0.0017	0.0023	0.0012	0.0313		0.00 - 0.50
5C-00080	10120	Rn-220	1.33	0.03	0.1	--		0.00 - 0.50
5C-00080	10120	Rn-222	0.994	0.025	0.049	--		0.00 - 0.50
5C-00080	10120	Sb-125	0.169	0.04	0.013	0.354		0.00 - 0.50
5C-00080	10120	Sn-126	0.0005	0.014	0.0041	0.0237	U	0.00 - 0.50
5C-00080	10120	Sr-90	0.098	0.062	0.021	0.485		0.00 - 0.50
5C-00080	10120	Te-125m	0.039	0.0091	0.0031	0.0838		0.00 - 0.50
5C-00080	10120	Th-228	1.38	0.013	0.068	3.98		0.00 - 0.50
5C-00080	10120	Th-229	0.0086	0.0029	0.003	0.145		0.00 - 0.50
5C-00080	10120	Th-230	0.856	0.002	0.045	2.2		0.00 - 0.50
5C-00080	10120	Th-232	1.29	0.007	0.064	3.1		0.00 - 0.50
5C-00080	10120	Th-234	1.46	0.15	0.083	3.19	J R	0.00 - 0.50
5C-00080	10120	Tl-208	0.51	0.018	0.019	0.937		0.00 - 0.50
5C-00080	10120	Tm-171	2	6.3	1.9	72.4	U	0.00 - 0.50
5C-00080	10120	U-233/234	0.705	0.01	0.042	2.02		0.00 - 0.50
5C-00080	10120	U-235/236	0.0278	0.0044	0.0068	0.151		0.00 - 0.50
5C-00080	10120	U-238	0.687	0.01	0.042	1.8		0.00 - 0.50
5C-00080	10121	Ac-227	0.027	0.15	0.041	0.217	U	1.00 - 5.00
5C-00080	10121	Ac-228	1.28	0.085	0.043	2.4		1.00 - 5.00
5C-00080	10121	Ag-108	-0.0016	0.0015	0.0005	--	R	1.00 - 5.00
5C-00080	10121	Ag-108m	-0.0173	0.017	0.0052	--	R	1.00 - 5.00
5C-00080	10121	Am-241	-0.006	0.026	0.0057	0.0454	U	1.00 - 5.00
5C-00080	10121	Ba-133	-0.0307	0.021	0.0066	--	R	1.00 - 5.00
5C-00080	10121	Ba-137m	-0.0025	0.017	0.005	--	U	1.00 - 5.00
5C-00080	10121	Bi-212	1.07	0.13	0.077	2.15		1.00 - 5.00
5C-00080	10121	Bi-214	0.973	0.029	0.036	1.59	R	1.00 - 5.00
5C-00080	10121	Cd-113m	1	42	13	3030	U	1.00 - 5.00
5C-00080	10121	Cf-249	-0.024	0.069	0.021	--	U	1.00 - 5.00
5C-00080	10121	Cm-243/244	-0.0039	0.021	0.0043	0.0443	U	1.00 - 5.00
5C-00080	10121	Cm-245/246	0.0011	0.011	0.0027	0.0401	U	1.00 - 5.00
5C-00080	10121	Cm-247/248	-0.0022	0.01	0.0018	0.0306	U	1.00 - 5.00
5C-00080	10121	Co-60	-0.0006	0.023	0.0067	0.028	U	1.00 - 5.00
5C-00080	10121	Cs-134	0.0084	0.054	0.0029	0.0864	U	1.00 - 5.00
5C-00080	10121	Cs-137	-0.0027	0.017	0.0052	0.207	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00080	10121	Eu-152	0.024	0.039	0.012	0.0566		1.00 - 5.00
5C-00080	10121	Eu-154	0.024	0.11	0.015	0.15	U	1.00 - 5.00
5C-00080	10121	Eu-155	0.087	0.032	0.013	0.231		1.00 - 5.00
5C-00080	10121	Ho-166m	-0.0002	0.026	0.0079	0.0432	U	1.00 - 5.00
5C-00080	10121	K-40	18.4	0.13	0.56	32.4		1.00 - 5.00
5C-00080	10121	Na-22	-0.001	0.024	0.0073	0.037	U	1.00 - 5.00
5C-00080	10121	Nb-94	0.0031	0.015	0.0045	0.0214	U	1.00 - 5.00
5C-00080	10121	Np-236	-0.011	0.033	0.01	0.047	U	1.00 - 5.00
5C-00080	10121	Np-239	0.006	0.089	0.027	0.139	U	1.00 - 5.00
5C-00080	10121	Pa-231	0.19	0.55	0.17	0.936	U	1.00 - 5.00
5C-00080	10121	Pb-212	1.61	0.028	0.066	2.69		1.00 - 5.00
5C-00080	10121	Pb-214	1.07	0.029	0.037	1.7		1.00 - 5.00
5C-00080	10121	Pu-236	0.0005	0.0015	0.0005	7.79	U	1.00 - 5.00
5C-00080	10121	Pu-238	-0.0005	0.0057	0.0013	0.0415	U	1.00 - 5.00
5C-00080	10121	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00080	10121	Pu-244	0.0005	0.0014	0.0005	0.0313	U	1.00 - 5.00
5C-00080	10121	Rn-220	1.34	0.03	0.1	--		1.00 - 5.00
5C-00080	10121	Rn-222	1.02	0.029	0.052	--		1.00 - 5.00
5C-00080	10121	Sb-125	0.151	0.043	0.012	0.354		1.00 - 5.00
5C-00080	10121	Sn-126	-0.0019	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00080	10121	Sr-90	-0.018	0.038	0.011	0.485	U	1.00 - 5.00
5C-00080	10121	Te-125m	0.0348	0.01	0.0027	0.0838		1.00 - 5.00
5C-00080	10121	Th-228	1.24	0.03	0.067	3.98		1.00 - 5.00
5C-00080	10121	Th-229	0.0064	0.0029	0.0026	0.145		1.00 - 5.00
5C-00080	10121	Th-230	0.939	0.01	0.054	2.2		1.00 - 5.00
5C-00080	10121	Th-232	1.33	0.01	0.071	3.1		1.00 - 5.00
5C-00080	10121	Th-234	0.421	0.16	0.052	3.19	R	1.00 - 5.00
5C-00080	10121	Tl-208	0.513	0.018	0.019	0.937		1.00 - 5.00
5C-00080	10121	Tm-171	-2.6	5.7	1.7	72.4	U	1.00 - 5.00
5C-00080	10121	U-233/234	0.816	0.014	0.046	2.02		1.00 - 5.00
5C-00080	10121	U-235/236	0.0556	0.0039	0.0092	0.151		1.00 - 5.00
5C-00080	10121	U-238	0.895	0.008	0.049	1.8		1.00 - 5.00
5C-00081	10122	Ac-227	0.4	0.13	0.015	0.217	Z	1.00 - 4.00
5C-00081	10122	Ac-228	1.27	0.085	0.047	2.4		1.00 - 4.00
5C-00081	10122	Ag-108	-0.001	0.0015	0.0005	--	UL	1.00 - 4.00
5C-00081	10122	Ag-108m	-0.0102	0.016	0.0048	--	UL	1.00 - 4.00
5C-00081	10122	Am-241	-0.0018	0.0063	0.0011	0.0454	U	1.00 - 4.00
5C-00081	10122	Ba-133	-0.116	0.027	0.0098	--	R	1.00 - 4.00
5C-00081	10122	Ba-137m	-0.0018	0.014	0.0043	--	U	1.00 - 4.00
5C-00081	10122	Bi-212	1.12	0.14	0.087	2.15		1.00 - 4.00
5C-00081	10122	Bi-214	0.81	0.026	0.03	1.59	J	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00081	10122	Cd-113m	11	41	12	3030	U	1.00 - 4.00
5C-00081	10122	Cf-249	-0.053	0.067	0.021	--	UL	1.00 - 4.00
5C-00081	10122	Cm-243/244	0.0006	0.0053	0.0013	0.0443	U	1.00 - 4.00
5C-00081	10122	Cm-245/246	0.0009	0.0066	0.0016	0.0401	U	1.00 - 4.00
5C-00081	10122	Cm-247/248	-0.0009	0.0082	0.0017	0.0306	U	1.00 - 4.00
5C-00081	10122	Co-60	-0.003	0.017	0.005	0.028	U	1.00 - 4.00
5C-00081	10122	Cs-134	0.012	0.056	0.005	0.0864	U	1.00 - 4.00
5C-00081	10122	Cs-137	-0.0019	0.015	0.0045	0.207	U	1.00 - 4.00
5C-00081	10122	Eu-152	-0.012	0.04	0.012	0.0566	U	1.00 - 4.00
5C-00081	10122	Eu-154	0.035	0.082	0.022	0.15	U	1.00 - 4.00
5C-00081	10122	Eu-155	0.08	0.043	0.017	0.231		1.00 - 4.00
5C-00081	10122	Ho-166m	0.0069	0.024	0.0057	0.0432	U	1.00 - 4.00
5C-00081	10122	K-40	16.7	0.12	0.51	32.4		1.00 - 4.00
5C-00081	10122	Na-22	0	0.026	0.0063	0.037	U	1.00 - 4.00
5C-00081	10122	Nb-94	0.0021	0.0095	0.0028	0.0214	U	1.00 - 4.00
5C-00081	10122	Np-236	-0.015	0.035	0.011	0.047	U	1.00 - 4.00
5C-00081	10122	Np-239	-0.002	0.089	0.027	0.139	U	1.00 - 4.00
5C-00081	10122	Pa-231	-0.03	0.52	0.16	0.936	U	1.00 - 4.00
5C-00081	10122	Pb-212	1.37	0.033	0.044	2.69		1.00 - 4.00
5C-00081	10122	Pb-214	0.865	0.024	0.037	1.7		1.00 - 4.00
5C-00081	10122	Pu-236	0	0.0013	0.0005	7.79	U	1.00 - 4.00
5C-00081	10122	Pu-238	-0.0024	0.0084	0.002	0.0415	U	1.00 - 4.00
5C-00081	10122	Pu-239/240	0	0.0013	0.0005	0.0404	U	1.00 - 4.00
5C-00081	10122	Pu-244	0.0024	0.0035	0.0013	0.0313		1.00 - 4.00
5C-00081	10122	Rn-220	1.25	0.033	0.098	--		1.00 - 4.00
5C-00081	10122	Rn-222	0.837	0.024	0.048	--		1.00 - 4.00
5C-00081	10122	Sb-125	0.117	0.041	0.0096	0.354		1.00 - 4.00
5C-00081	10122	Sn-126	-0.003	0.016	0.0047	0.0237	U	1.00 - 4.00
5C-00081	10122	Sr-90	0.008	0.047	0.014	0.485	U	1.00 - 4.00
5C-00081	10122	Te-125m	0.027	0.0096	0.0022	0.0838		1.00 - 4.00
5C-00081	10122	Th-228	1.14	0.019	0.06	3.98		1.00 - 4.00
5C-00081	10122	Th-229	0.002	0.0051	0.0016	0.145		1.00 - 4.00
5C-00081	10122	Th-230	0.754	0.008	0.043	2.2		1.00 - 4.00
5C-00081	10122	Th-232	1.02	0.01	0.054	3.1		1.00 - 4.00
5C-00081	10122	Th-234	1.15	0.21	0.075	3.19	J R	1.00 - 4.00
5C-00081	10122	Tl-208	0.506	0.016	0.019	0.937		1.00 - 4.00
5C-00081	10122	Tm-171	-10.7	9.3	2.9	72.4	R	1.00 - 4.00
5C-00081	10122	U-233/234	0.56	0.01	0.033	2.02		1.00 - 4.00
5C-00081	10122	U-235/236	0.031	0.0031	0.0061	0.151		1.00 - 4.00
5C-00081	10122	U-238	0.684	0.002	0.038	1.8		1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00082	10125	Ac-227	0.021	0.12	0.052	0.217	U	0.50 - 1.90
5C-00082	10125	Ac-228	1.5	0.062	0.047	2.4		0.50 - 1.90
5C-00082	10125	Ag-108	-0.0009	0.0011	0.0003	--	UL	0.50 - 1.90
5C-00082	10125	Ag-108m	-0.0095	0.012	0.0036	--	UL	0.50 - 1.90
5C-00082	10125	Am-241	-0.0013	0.0072	0.0014	0.0454	U	0.50 - 1.90
5C-00082	10125	Ba-133	-0.0613	0.016	0.0055	--	R	0.50 - 1.90
5C-00082	10125	Ba-137m	-0.0051	0.013	0.0038	--	U	0.50 - 1.90
5C-00082	10125	Bi-212	1.16	0.11	0.073	2.15		0.50 - 1.90
5C-00082	10125	Bi-214	0.946	0.021	0.032	1.59	J	0.50 - 1.90
5C-00082	10125	Cd-113m	-10	36	11	3030	U	0.50 - 1.90
5C-00082	10125	Cf-249	0.0034	0.046	0.0028	--	U	0.50 - 1.90
5C-00082	10125	Cm-243/244	0.0013	0.0018	0.0009	0.0443	U	0.50 - 1.90
5C-00082	10125	Cm-245/246	0.0035	0.0065	0.0022	0.0401		0.50 - 1.90
5C-00082	10125	Cm-247/248	-0.0021	0.0074	0.0013	0.0306	U	0.50 - 1.90
5C-00082	10125	Co-60	0.0012	0.014	0.002	0.028	U	0.50 - 1.90
5C-00082	10125	Cs-134	0.0218	0.038	0.005	0.0864		0.50 - 1.90
5C-00082	10125	Cs-137	-0.0054	0.013	0.004	0.207	U	0.50 - 1.90
5C-00082	10125	Eu-152	0.0095	0.033	0.0068	0.0566	U	0.50 - 1.90
5C-00082	10125	Eu-154	0.025	0.056	0.017	0.15	U	0.50 - 1.90
5C-00082	10125	Eu-155	0.097	0.031	0.013	0.231		0.50 - 1.90
5C-00082	10125	Ho-166m	0.0081	0.018	0.0054	0.0432	U	0.50 - 1.90
5C-00082	10125	K-40	20.1	0.12	0.6	32.4		0.50 - 1.90
5C-00082	10125	Na-22	-0.004	0.018	0.0055	0.037	U	0.50 - 1.90
5C-00082	10125	Nb-94	0.0044	0.011	0.0035	0.0214	U	0.50 - 1.90
5C-00082	10125	Np-236	-0.0041	0.028	0.0084	0.047	U	0.50 - 1.90
5C-00082	10125	Np-239	-0.004	0.076	0.023	0.139	U	0.50 - 1.90
5C-00082	10125	Pa-231	0.015	0.38	0.048	0.936	U	0.50 - 1.90
5C-00082	10125	Pb-212	1.92	0.021	0.077	2.69		0.50 - 1.90
5C-00082	10125	Pb-214	1.06	0.023	0.035	1.7		0.50 - 1.90
5C-00082	10125	Pu-236	-0.0016	0.0056	0.001	7.79	U	0.50 - 1.90
5C-00082	10125	Pu-238	-0.002	0.0067	0.0014	0.0415	U	0.50 - 1.90
5C-00082	10125	Pu-239/240	-0.0005	0.0037	0.0006	0.0404	U	0.50 - 1.90
5C-00082	10125	Pu-244	0.002	0.0014	0.001	0.0313		0.50 - 1.90
5C-00082	10125	Rn-220	1.54	0.02	0.11	--		0.50 - 1.90
5C-00082	10125	Rn-222	1	0.021	0.047	--		0.50 - 1.90
5C-00082	10125	Sb-125	0.179	0.032	0.011	0.354		0.50 - 1.90
5C-00082	10125	Sn-126	-0.0012	0.013	0.0039	0.0237	U	0.50 - 1.90
5C-00082	10125	Sr-90	-0.025	0.057	0.016	0.485	U	0.50 - 1.90
5C-00082	10125	Te-125m	0.0414	0.0074	0.0025	0.0838		0.50 - 1.90
5C-00082	10125	Th-228	1.76	0.018	0.086	3.98		0.50 - 1.90
5C-00082	10125	Th-229	0.0055	0.0025	0.0023	0.145		0.50 - 1.90

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00082	10125	Th-230	1.05	0.003	0.056	2.2		0.50 - 1.90
5C-00082	10125	Th-232	1.56	0.008	0.077	3.1		0.50 - 1.90
5C-00082	10125	Th-234	0.458	0.15	0.049	3.19	J R	0.50 - 1.90
5C-00082	10125	Tl-208	0.578	0.015	0.02	0.937		0.50 - 1.90
5C-00082	10125	Tm-171	1.2	3.9	1.2	72.4	U	0.50 - 1.90
5C-00082	10125	U-233/234	0.923	0.007	0.049	2.02		0.50 - 1.90
5C-00082	10125	U-235/236	0.0509	0.0032	0.008	0.151		0.50 - 1.90
5C-00082	10125	U-238	0.908	0.007	0.048	1.8		0.50 - 1.90
5C-00083	10126	Ac-227	0.111	0.11	0.025	0.217		0.50 - 3.50
5C-00083	10126	Ac-228	1.47	0.08	0.049	2.4		0.50 - 3.50
5C-00083	10126	Ag-108	-0.0025	0.0016	0.0005	--	R	0.50 - 3.50
5C-00083	10126	Ag-108m	-0.0263	0.017	0.0053	--	R	0.50 - 3.50
5C-00083	10126	Am-241	0.0021	0.0019	0.0012	0.0454		0.50 - 3.50
5C-00083	10126	Ba-133	-0.133	0.026	0.0095	--	R	0.50 - 3.50
5C-00083	10126	Ba-137m	-0.0009	0.01	0.003	--	U	0.50 - 3.50
5C-00083	10126	Bi-212	1.08	0.14	0.081	2.15		0.50 - 3.50
5C-00083	10126	Bi-214	1.1	0.027	0.038	1.59	R	0.50 - 3.50
5C-00083	10126	Cd-113m	5	44	13	3030	U	0.50 - 3.50
5C-00083	10126	Cf-249	0.0047	0.07	0.0032	--	U	0.50 - 3.50
5C-00083	10126	Cm-243/244	-0.0007	0.005	0.0008	0.0443	U	0.50 - 3.50
5C-00083	10126	Cm-245/246	0.0029	0.0054	0.0018	0.0401		0.50 - 3.50
5C-00083	10126	Cm-247/248	-0.0007	0.0067	0.0013	0.0306	U	0.50 - 3.50
5C-00083	10126	Co-60	0.0019	0.021	0.0044	0.028	U	0.50 - 3.50
5C-00083	10126	Cs-134	0.0199	0.054	0.0063	0.0864	U	0.50 - 3.50
5C-00083	10126	Cs-137	-0.001	0.011	0.0032	0.207	U	0.50 - 3.50
5C-00083	10126	Eu-152	0.003	0.042	0.017	0.0566	U	0.50 - 3.50
5C-00083	10126	Eu-154	-0.04	0.11	0.033	0.15	U	0.50 - 3.50
5C-00083	10126	Eu-155	0.072	0.035	0.014	0.231		0.50 - 3.50
5C-00083	10126	Ho-166m	0.009	0.026	0.011	0.0432	U	0.50 - 3.50
5C-00083	10126	K-40	20.5	0.15	0.62	32.4		0.50 - 3.50
5C-00083	10126	Na-22	0.0003	0.024	0.0073	0.037	U	0.50 - 3.50
5C-00083	10126	Nb-94	0.0072	0.015	0.0045	0.0214	U	0.50 - 3.50
5C-00083	10126	Np-236	0.0004	0.032	0.0096	0.047	U	0.50 - 3.50
5C-00083	10126	Np-239	0.007	0.093	0.028	0.139	U	0.50 - 3.50
5C-00083	10126	Pa-231	0.03	0.64	0.19	0.936	U	0.50 - 3.50
5C-00083	10126	Pb-212	1.79	0.024	0.072	2.69		0.50 - 3.50
5C-00083	10126	Pb-214	1.17	0.028	0.039	1.7		0.50 - 3.50
5C-00083	10126	Pu-236	0	0.0013	0.0005	7.79	U	0.50 - 3.50
5C-00083	10126	Pu-238	-0.0005	0.0056	0.0013	0.0415	U	0.50 - 3.50
5C-00083	10126	Pu-239/240	0.0009	0.0034	0.001	0.0404	U	0.50 - 3.50
5C-00083	10126	Pu-244	0.0023	0.0013	0.001	0.0313		0.50 - 3.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00083	10126	Rn-220	1.43	0.02	0.11	--		0.50 - 3.50
5C-00083	10126	Rn-222	1.13	0.027	0.055	--		0.50 - 3.50
5C-00083	10126	Sb-125	0.172	0.044	0.013	0.354		0.50 - 3.50
5C-00083	10126	Sn-126	0.0013	0.017	0.0052	0.0237	U	0.50 - 3.50
5C-00083	10126	Sr-90	-0.003	0.043	0.012	0.485	U	0.50 - 3.50
5C-00083	10126	Te-125m	0.0397	0.01	0.003	0.0838		0.50 - 3.50
5C-00083	10126	Th-228	1.35	0.014	0.068	3.98		0.50 - 3.50
5C-00083	10126	Th-229	0.0041	0.0076	0.0026	0.145		0.50 - 3.50
5C-00083	10126	Th-230	1.11	0.003	0.058	2.2		0.50 - 3.50
5C-00083	10126	Th-232	1.33	0.011	0.067	3.1		0.50 - 3.50
5C-00083	10126	Th-234	1.73	0.16	0.094	3.19	R	0.50 - 3.50
5C-00083	10126	Tl-208	0.544	0.018	0.02	0.937		0.50 - 3.50
5C-00083	10126	Tm-171	-0.4	6.6	2	72.4	U	0.50 - 3.50
5C-00083	10126	U-233/234	0.954	0.002	0.047	2.02		0.50 - 3.50
5C-00083	10126	U-235/236	0.0509	0.0062	0.007	0.151		0.50 - 3.50
5C-00083	10126	U-238	0.902	0.005	0.045	1.8		0.50 - 3.50
5C-00084	10127	Ac-227	0.068	0.15	0.018	0.217	U	0.50 - 4.00
5C-00084	10127	Ac-228	1.53	0.086	0.051	2.4		0.50 - 4.00
5C-00084	10127	Ag-108	-0.0011	0.0015	0.0005	--	UL	0.50 - 4.00
5C-00084	10127	Ag-108m	-0.0116	0.016	0.005	--	UL	0.50 - 4.00
5C-00084	10127	Am-241	0.0007	0.0048	0.0012	0.0454	U	0.50 - 4.00
5C-00084	10127	Ba-133	-0.0205	0.019	0.006	--	R	0.50 - 4.00
5C-00084	10127	Ba-137m	0.0086	0.012	0.0036	--		0.50 - 4.00
5C-00084	10127	Bi-212	1.24	0.14	0.084	2.15		0.50 - 4.00
5C-00084	10127	Bi-214	1.14	0.03	0.04	1.59	R	0.50 - 4.00
5C-00084	10127	Cd-113m	19.8	31	9.5	3030		0.50 - 4.00
5C-00084	10127	Cf-249	0.033	0.062	0.019	--		0.50 - 4.00
5C-00084	10127	Cm-243/244	0.0019	0.0018	0.0011	0.0443		0.50 - 4.00
5C-00084	10127	Cm-245/246	0.0035	0.0019	0.0016	0.0401		0.50 - 4.00
5C-00084	10127	Cm-247/248	0.0007	0.0019	0.0007	0.0306	U	0.50 - 4.00
5C-00084	10127	Co-60	0.0047	0.019	0.0056	0.028	U	0.50 - 4.00
5C-00084	10127	Cs-134	0.007	0.057	0.013	0.0864	U	0.50 - 4.00
5C-00084	10127	Cs-137	0.0091	0.012	0.0038	0.207		0.50 - 4.00
5C-00084	10127	Eu-152	0.011	0.038	0.01	0.0566	U	0.50 - 4.00
5C-00084	10127	Eu-154	0.022	0.077	0.023	0.15	U	0.50 - 4.00
5C-00084	10127	Eu-155	0.09	0.037	0.015	0.231		0.50 - 4.00
5C-00084	10127	Ho-166m	0.0431	0.027	0.0055	0.0432		0.50 - 4.00
5C-00084	10127	K-40	21.3	0.18	0.65	32.4		0.50 - 4.00
5C-00084	10127	Na-22	0	0.024	0.0072	0.037	U	0.50 - 4.00
5C-00084	10127	Nb-94	0.0004	0.014	0.0041	0.0214	U	0.50 - 4.00
5C-00084	10127	Np-236	-0.0075	0.031	0.0092	0.047	U	0.50 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00084	10127	Np-239	0.005	0.091	0.027	0.139	U	0.50 - 4.00
5C-00084	10127	Pa-231	0.07	0.53	0.16	0.936	U	0.50 - 4.00
5C-00084	10127	Pb-212	1.82	0.024	0.055	2.69		0.50 - 4.00
5C-00084	10127	Pb-214	1.25	0.031	0.052	1.7		0.50 - 4.00
5C-00084	10127	Pu-236	0	0.0012	0.0005	7.79	U	0.50 - 4.00
5C-00084	10127	Pu-238	-0.0004	0.0033	0.0005	0.0415	U	0.50 - 4.00
5C-00084	10127	Pu-239/240	-0.0005	0.0033	0.0005	0.0404	U	0.50 - 4.00
5C-00084	10127	Pu-244	0.0022	0.0012	0.001	0.0313		0.50 - 4.00
5C-00084	10127	Rn-220	1.53	0.02	0.1	--		0.50 - 4.00
5C-00084	10127	Rn-222	1.19	0.03	0.066	--		0.50 - 4.00
5C-00084	10127	Sb-125	0.16	0.045	0.013	0.354		0.50 - 4.00
5C-00084	10127	Sn-126	-0.0003	0.017	0.0051	0.0237	U	0.50 - 4.00
5C-00084	10127	Sr-90	0.017	0.045	0.013	0.485	U	0.50 - 4.00
5C-00084	10127	Te-125m	0.0368	0.01	0.003	0.0838		0.50 - 4.00
5C-00084	10127	Th-228	1.56	0.021	0.079	3.98		0.50 - 4.00
5C-00084	10127	Th-229	0.0107	0.011	0.0041	0.145		0.50 - 4.00
5C-00084	10127	Th-230	1.25	0.003	0.066	2.2		0.50 - 4.00
5C-00084	10127	Th-232	1.56	0.003	0.079	3.1		0.50 - 4.00
5C-00084	10127	Th-234	0.585	0.18	0.059	3.19	R	0.50 - 4.00
5C-00084	10127	Tl-208	0.588	0.021	0.022	0.937		0.50 - 4.00
5C-00084	10127	Tm-171	1.7	4.5	1.4	72.4	U	0.50 - 4.00
5C-00084	10127	U-233/234	1.05	0.002	0.052	2.02		0.50 - 4.00
5C-00084	10127	U-235/236	0.0617	0.0024	0.0078	0.151		0.50 - 4.00
5C-00084	10127	U-238	1.05	0.005	0.052	1.8		0.50 - 4.00
5C-00085	10128	Ac-227	0.075	0.16	0.026	0.217	U	0.50 - 3.50
5C-00085	10128	Ac-228	1.4	0.1	0.049	2.4		0.50 - 3.50
5C-00085	10128	Ag-108	-0.0022	0.0016	0.0005	--	R	0.50 - 3.50
5C-00085	10128	Ag-108m	-0.024	0.017	0.0055	--	R	0.50 - 3.50
5C-00085	10128	Am-241	0.0034	0.0062	0.0021	0.0454		0.50 - 3.50
5C-00085	10128	Ba-133	-0.0389	0.022	0.007	--	R	0.50 - 3.50
5C-00085	10128	Ba-137m	-0.008	0.017	0.0053	--	U	0.50 - 3.50
5C-00085	10128	Bi-212	1.2	0.16	0.1	2.15		0.50 - 3.50
5C-00085	10128	Bi-214	1.07	0.031	0.039	1.59		0.50 - 3.50
5C-00085	10128	Cd-113m	4	47	14	3030	U	0.50 - 3.50
5C-00085	10128	Cf-249	0.0001	0.073	0.022	--	U	0.50 - 3.50
5C-00085	10128	Cm-243/244	0.0025	0.02	0.0059	0.0443	U	0.50 - 3.50
5C-00085	10128	Cm-245/246	0.0009	0.0025	0.0009	0.0401	U	0.50 - 3.50
5C-00085	10128	Cm-247/248	0	0.0025	0.001	0.0306	U	0.50 - 3.50
5C-00085	10128	Co-60	-0.0008	0.021	0.0063	0.028	U	0.50 - 3.50
5C-00085	10128	Cs-134	0.0145	0.059	0.0046	0.0864	U	0.50 - 3.50
5C-00085	10128	Cs-137	-0.0085	0.018	0.0056	0.207	U	0.50 - 3.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00085	10128	Eu-152	-0.01	0.045	0.013	0.0566	U	0.50 - 3.50
5C-00085	10128	Eu-154	-0.043	0.11	0.035	0.15	U	0.50 - 3.50
5C-00085	10128	Eu-155	0.102	0.037	0.016	0.231	J	0.50 - 3.50
5C-00085	10128	Ho-166m	0.009	0.029	0.006	0.0432	U	0.50 - 3.50
5C-00085	10128	K-40	19.1	0.15	0.59	32.4		0.50 - 3.50
5C-00085	10128	Na-22	0.0061	0.026	0.0077	0.037	U	0.50 - 3.50
5C-00085	10128	Nb-94	0.0088	0.016	0.0048	0.0214		0.50 - 3.50
5C-00085	10128	Np-236	-0.007	0.034	0.01	0.047	U	0.50 - 3.50
5C-00085	10128	Np-239	-0.013	0.099	0.03	0.139	U	0.50 - 3.50
5C-00085	10128	Pa-231	0.17	0.66	0.14	0.936	U	0.50 - 3.50
5C-00085	10128	Pb-212	1.82	0.024	0.074	2.69		0.50 - 3.50
5C-00085	10128	Pb-214	1.19	0.03	0.04	1.7		0.50 - 3.50
5C-00085	10128	Pu-236	-0.0007	0.0049	0.0008	7.79	U	0.50 - 3.50
5C-00085	10128	Pu-238	0.0036	0.0014	0.0014	0.0415		0.50 - 3.50
5C-00085	10128	Pu-239/240	0.0021	0.0048	0.0015	0.0404		0.50 - 3.50
5C-00085	10128	Pu-244	0.0005	0.0014	0.0005	0.0313	U	0.50 - 3.50
5C-00085	10128	Rn-220	1.51	0.02	0.13	--		0.50 - 3.50
5C-00085	10128	Rn-222	1.13	0.03	0.055	--		0.50 - 3.50
5C-00085	10128	Sb-125	0.044	0.036	0.015	0.354		0.50 - 3.50
5C-00085	10128	Sn-126	0.0058	0.019	0.0056	0.0237	U	0.50 - 3.50
5C-00085	10128	Sr-90	0.023	0.055	0.017	0.485	U	0.50 - 3.50
5C-00085	10128	Te-125m	0.0102	0.0084	0.0036	0.0838		0.50 - 3.50
5C-00085	10128	Th-228	1.44	0.011	0.073	3.98		0.50 - 3.50
5C-00085	10128	Th-229	0.0087	0.009	0.0036	0.145		0.50 - 3.50
5C-00085	10128	Th-230	1.1	0.011	0.059	2.2		0.50 - 3.50
5C-00085	10128	Th-232	1.48	0.003	0.075	3.1		0.50 - 3.50
5C-00085	10128	Th-234	1.8	0.16	0.096	3.19	J R	0.50 - 3.50
5C-00085	10128	Tl-208	0.565	0.02	0.021	0.937		0.50 - 3.50
5C-00085	10128	Tm-171	0.9	5	1.5	72.4	U	0.50 - 3.50
5C-00085	10128	U-233/234	1.01	0.015	0.055	2.02		0.50 - 3.50
5C-00085	10128	U-235/236	0.0403	0.0042	0.0081	0.151		0.50 - 3.50
5C-00085	10128	U-238	1	0.012	0.055	1.8		0.50 - 3.50
5C-00086	10129	Ac-227	0.075	0.081	0.015	0.217		0.00 - 0.50
5C-00086	10129	Ac-228	1.25	0.049	0.04	2.4		0.00 - 0.50
5C-00086	10129	Ag-108	-0.0008	0.0009	0.0003	--	L U R	0.00 - 0.50
5C-00086	10129	Ag-108m	-0.0083	0.01	0.0031	--	L U R	0.00 - 0.50
5C-00086	10129	Am-241	0.0036	0.0089	0.0028	0.0454		0.00 - 0.50
5C-00086	10129	Ba-133	-0.0127	0.012	0.0038	--	R U	0.00 - 0.50
5C-00086	10129	Ba-137m	0.0006	0.0089	0.0027	--	U	0.00 - 0.50
5C-00086	10129	Bi-212	1.06	0.097	0.064	2.15		0.00 - 0.50
5C-00086	10129	Bi-214	0.824	0.02	0.028	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00086	10129	Cd-113m	-7.3	30	9.1	3030	U	0.00 - 0.50
5C-00086	10129	Cf-249	-0.013	0.046	0.014	--	U R	0.00 - 0.50
5C-00086	10129	Cm-243/244	0.0024	0.013	0.0035	0.0443	U	0.00 - 0.50
5C-00086	10129	Cm-245/246	0	0.0031	0.0013	0.0401	U J	0.00 - 0.50
5C-00086	10129	Cm-247/248	0.0011	0.0031	0.0011	0.0306	U J	0.00 - 0.50
5C-00086	10129	Co-60	-0.0011	0.0098	0.0029	0.028	U	0.00 - 0.50
5C-00086	10129	Cs-134	0.0095	0.035	0.0066	0.0864	U	0.00 - 0.50
5C-00086	10129	Cs-137	0.0006	0.0094	0.0028	0.207	U	0.00 - 0.50
5C-00086	10129	Eu-152	-0.0069	0.027	0.008	0.0566	U	0.00 - 0.50
5C-00086	10129	Eu-154	-0.026	0.066	0.02	0.15	U	0.00 - 0.50
5C-00086	10129	Eu-155	0.0516	0.027	0.0085	0.231	S K	0.00 - 0.50
5C-00086	10129	Ho-166m	0.0113	0.012	0.0055	0.0432	S K	0.00 - 0.50
5C-00086	10129	K-40	16.7	0.09	0.49	32.4		0.00 - 0.50
5C-00086	10129	Na-22	-0.0034	0.016	0.0048	0.037	U	0.00 - 0.50
5C-00086	10129	Nb-94	0.0032	0.0092	0.0028	0.0214	U	0.00 - 0.50
5C-00086	10129	Np-236	-0.0027	0.024	0.0073	0.047	U	0.00 - 0.50
5C-00086	10129	Np-239	-0.013	0.063	0.019	0.139	U	0.00 - 0.50
5C-00086	10129	Pa-231	-0.07	0.41	0.12	0.936	U	0.00 - 0.50
5C-00086	10129	Pb-212	1.64	0.018	0.066	2.69		0.00 - 0.50
5C-00086	10129	Pb-214	0.953	0.02	0.031	1.7		0.00 - 0.50
5C-00086	10129	Pu-236	0	0.004	0.0008	7.79	U	0.00 - 0.50
5C-00086	10129	Pu-238	-0.0022	0.0065	0.0012	0.0415	U	0.00 - 0.50
5C-00086	10129	Pu-239/240	-0.0005	0.004	0.0006	0.0404	U	0.00 - 0.50
5C-00086	10129	Pu-244	0.0005	0.005	0.0013	0.0313	U	0.00 - 0.50
5C-00086	10129	Rn-220	1.35	0.018	0.092	--		0.00 - 0.50
5C-00086	10129	Rn-222	0.888	0.02	0.041	--		0.00 - 0.50
5C-00086	10129	Sb-125	0.144	0.029	0.0088	0.354	S K	0.00 - 0.50
5C-00086	10129	Sn-126	-0.0028	0.011	0.0032	0.0237	U	0.00 - 0.50
5C-00086	10129	Sr-90	0.011	0.039	0.012	0.485	U	0.00 - 0.50
5C-00086	10129	Te-125m	0.0332	0.0066	0.002	0.0838	S K	0.00 - 0.50
5C-00086	10129	Th-228	1.32	0.024	0.07	3.98		0.00 - 0.50
5C-00086	10129	Th-229	0.0098	0.015	0.0052	0.145		0.00 - 0.50
5C-00086	10129	Th-230	1.07	0.012	0.058	2.2		0.00 - 0.50
5C-00086	10129	Th-232	1.34	0.01	0.07	3.1		0.00 - 0.50
5C-00086	10129	Th-234	1.59	0.12	0.078	3.19	R	0.00 - 0.50
5C-00086	10129	Tl-208	0.489	0.015	0.017	0.937		0.00 - 0.50
5C-00086	10129	Tm-171	-1.7	5.1	1.6	72.4	U	0.00 - 0.50
5C-00086	10129	U-233/234	1.3	0.004	0.07	2.02	J	0.00 - 0.50
5C-00086	10129	U-235/236	0.042	0.017	0.0097	0.151	J	0.00 - 0.50
5C-00086	10129	U-238	1.23	0.004	0.067	1.8	J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00086	10130	Ac-227	0.03	0.13	0.051	0.217	U	1.00 - 5.00
5C-00086	10130	Ac-228	1.11	0.069	0.05	2.4		1.00 - 5.00
5C-00086	10130	Ag-108	-0.0008	0.0011	0.0004	--	UL	1.00 - 5.00
5C-00086	10130	Ag-108m	-0.0087	0.012	0.0038	--	UL	1.00 - 5.00
5C-00086	10130	Am-241	0.0009	0.0065	0.0016	0.0454	U	1.00 - 5.00
5C-00086	10130	Ba-133	-0.0226	0.015	0.0046	--	R	1.00 - 5.00
5C-00086	10130	Ba-137m	0.0261	0.009	0.0041	--		1.00 - 5.00
5C-00086	10130	Bi-212	0.974	0.095	0.058	2.15		1.00 - 5.00
5C-00086	10130	Bi-214	0.956	0.025	0.033	1.59	J	1.00 - 5.00
5C-00086	10130	Cd-113m	-3	36	11	3030	U	1.00 - 5.00
5C-00086	10130	Cf-249	0.0062	0.063	0.0031	--	U	1.00 - 5.00
5C-00086	10130	Cm-243/244	0.0017	0.0023	0.0012	0.0443	U	1.00 - 5.00
5C-00086	10130	Cm-245/246	0.0055	0.012	0.0038	0.0401		1.00 - 5.00
5C-00086	10130	Cm-247/248	-0.0011	0.0079	0.0012	0.0306	U	1.00 - 5.00
5C-00086	10130	Co-60	-0.0025	0.012	0.0037	0.028	U	1.00 - 5.00
5C-00086	10130	Cs-134	0.0162	0.043	0.0035	0.0864	U	1.00 - 5.00
5C-00086	10130	Cs-137	0.0276	0.0095	0.0043	0.207		1.00 - 5.00
5C-00086	10130	Eu-152	0.0006	0.028	0.0085	0.0566	U	1.00 - 5.00
5C-00086	10130	Eu-154	0.0005	0.068	0.02	0.15	U	1.00 - 5.00
5C-00086	10130	Eu-155	0.077	0.03	0.012	0.231		1.00 - 5.00
5C-00086	10130	Ho-166m	0.0055	0.018	0.0029	0.0432	U	1.00 - 5.00
5C-00086	10130	K-40	20.9	0.13	0.62	32.4		1.00 - 5.00
5C-00086	10130	Na-22	-0.0056	0.02	0.0059	0.037	U	1.00 - 5.00
5C-00086	10130	Nb-94	0.0064	0.012	0.0035	0.0214		1.00 - 5.00
5C-00086	10130	Np-236	0.0061	0.028	0.0085	0.047	U	1.00 - 5.00
5C-00086	10130	Np-239	0.007	0.076	0.023	0.139	U	1.00 - 5.00
5C-00086	10130	Pa-231	0.03	0.52	0.16	0.936	U	1.00 - 5.00
5C-00086	10130	Pb-212	1.62	0.022	0.065	2.69		1.00 - 5.00
5C-00086	10130	Pb-214	1.07	0.024	0.036	1.7		1.00 - 5.00
5C-00086	10130	Pu-236	-0.0006	0.0052	0.001	7.79	U	1.00 - 5.00
5C-00086	10130	Pu-238	-0.0022	0.0067	0.0012	0.0415	U	1.00 - 5.00
5C-00086	10130	Pu-239/240	0.0022	0.0015	0.0011	0.0404		1.00 - 5.00
5C-00086	10130	Pu-244	0.0022	0.0015	0.0011	0.0313		1.00 - 5.00
5C-00086	10130	Rn-220	1.3	0.022	0.087	--		1.00 - 5.00
5C-00086	10130	Rn-222	1.01	0.024	0.049	--		1.00 - 5.00
5C-00086	10130	Sb-125	0.0086	0.034	0.0066	0.354	U	1.00 - 5.00
5C-00086	10130	Sn-126	-0.0019	0.013	0.004	0.0237	U	1.00 - 5.00
5C-00086	10130	Sr-90	0.037	0.062	0.019	0.485		1.00 - 5.00
5C-00086	10130	Te-125m	0.002	0.0078	0.0015	0.0838	U	1.00 - 5.00
5C-00086	10130	Th-228	1.27	0.018	0.065	3.98		1.00 - 5.00
5C-00086	10130	Th-229	0.0108	0.0029	0.0035	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00086	10130	Th-230	0.922	0.008	0.05	2.2		1.00 - 5.00
5C-00086	10130	Th-232	1.14	0.01	0.059	3.1		1.00 - 5.00
5C-00086	10130	Th-234	1.52	0.14	0.083	3.19	J R	1.00 - 5.00
5C-00086	10130	Tl-208	0.471	0.015	0.017	0.937		1.00 - 5.00
5C-00086	10130	Tm-171	-2.7	5.5	1.7	72.4	U	1.00 - 5.00
5C-00086	10130	U-233/234	0.799	0.008	0.043	2.02		1.00 - 5.00
5C-00086	10130	U-235/236	0.0447	0.003	0.0073	0.151		1.00 - 5.00
5C-00086	10130	U-238	0.772	0.008	0.042	1.8		1.00 - 5.00
5C-00087	10132	Ac-227	2.53	0.16	0.082	0.217	Z	0.50 - 2.00
5C-00087	10132	Ac-228	1.39	0.092	0.051	2.4		0.50 - 2.00
5C-00087	10132	Ag-108	-0.001	0.0016	0.0005	--	UL	0.50 - 2.00
5C-00087	10132	Ag-108m	-0.0106	0.017	0.0053	--	U	0.50 - 2.00
5C-00087	10132	Am-241	0.0041	0.0076	0.0026	0.0454		0.50 - 2.00
5C-00087	10132	Ba-133	-0.137	0.03	0.011	--	R	0.50 - 2.00
5C-00087	10132	Ba-137m	0.0064	0.012	0.0038	--		0.50 - 2.00
5C-00087	10132	Bi-212	1.09	0.14	0.089	2.15		0.50 - 2.00
5C-00087	10132	Bi-214	1.06	0.029	0.038	1.59	J	0.50 - 2.00
5C-00087	10132	Cd-113m	15	46	14	3030	U	0.50 - 2.00
5C-00087	10132	Cf-249	-0.06	0.073	0.023	--	UL	0.50 - 2.00
5C-00087	10132	Cm-243/244	-0.001	0.0075	0.0011	0.0443	U	0.50 - 2.00
5C-00087	10132	Cm-245/246	0.0064	0.0058	0.0037	0.0401		0.50 - 2.00
5C-00087	10132	Cm-247/248	0	0.0057	0.0024	0.0306	U	0.50 - 2.00
5C-00087	10132	Co-60	0.0004	0.018	0.0005	0.028	U	0.50 - 2.00
5C-00087	10132	Cs-134	0.0129	0.067	0.0038	0.0864	U	0.50 - 2.00
5C-00087	10132	Cs-137	0.0067	0.013	0.004	0.207		0.50 - 2.00
5C-00087	10132	Eu-152	0.0005	0.044	0.013	0.0566	U	0.50 - 2.00
5C-00087	10132	Eu-154	-0.022	0.11	0.032	0.15	U	0.50 - 2.00
5C-00087	10132	Eu-155	0.12	0.052	0.023	0.231		0.50 - 2.00
5C-00087	10132	Ho-166m	-0.0037	0.027	0.0082	0.0432	U	0.50 - 2.00
5C-00087	10132	K-40	19.4	0.13	0.59	32.4		0.50 - 2.00
5C-00087	10132	Na-22	0.0018	0.023	0.0067	0.037	U	0.50 - 2.00
5C-00087	10132	Nb-94	0.0057	0.015	0.0032	0.0214	U	0.50 - 2.00
5C-00087	10132	Np-236	-0.016	0.041	0.012	0.047	U	0.50 - 2.00
5C-00087	10132	Np-239	0.008	0.1	0.031	0.139	U	0.50 - 2.00
5C-00087	10132	Pa-231	0.06	0.7	0.089	0.936	U	0.50 - 2.00
5C-00087	10132	Pb-212	1.45	0.038	0.047	2.69		0.50 - 2.00
5C-00087	10132	Pb-214	1.13	0.029	0.048	1.7		0.50 - 2.00
5C-00087	10132	Pu-236	-0.0005	0.0037	0.0006	7.79	U	0.50 - 2.00
5C-00087	10132	Pu-238	-0.0005	0.0037	0.0006	0.0415	U	0.50 - 2.00
5C-00087	10132	Pu-239/240	-0.0005	0.0047	0.0009	0.0404	U	0.50 - 2.00
5C-00087	10132	Pu-244	0.002	0.0014	0.001	0.0313		0.50 - 2.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00087	10132	Rn-220	1.27	0.04	0.1	--		0.50 - 2.00
5C-00087	10132	Rn-222	1.1	0.029	0.061	--		0.50 - 2.00
5C-00087	10132	Sb-125	0.163	0.048	0.013	0.354		0.50 - 2.00
5C-00087	10132	Sn-126	0.0001	0.016	0.0046	0.0237	U	0.50 - 2.00
5C-00087	10132	Sr-90	0.016	0.06	0.018	0.485	U	0.50 - 2.00
5C-00087	10132	Te-125m	0.0376	0.011	0.0031	0.0838		0.50 - 2.00
5C-00087	10132	Th-228	1.44	0.013	0.071	3.98		0.50 - 2.00
5C-00087	10132	Th-229	0.0098	0.0066	0.0033	0.145		0.50 - 2.00
5C-00087	10132	Th-230	1.12	0.003	0.057	2.2		0.50 - 2.00
5C-00087	10132	Th-232	1.53	0.01	0.075	3.1		0.50 - 2.00
5C-00087	10132	Th-234	1.38	0.23	0.085	3.19	J R	0.50 - 2.00
5C-00087	10132	Tl-208	0.53	0.018	0.02	0.937		0.50 - 2.00
5C-00087	10132	Tm-171	-11.1	10	3.1	72.4	R	0.50 - 2.00
5C-00087	10132	U-233/234	0.81	0.008	0.043	2.02		0.50 - 2.00
5C-00087	10132	U-235/236	0.0342	0.0081	0.0065	0.151		0.50 - 2.00
5C-00087	10132	U-238	0.866	0.002	0.046	1.8		0.50 - 2.00
5C-00088	10133	Ac-227	0.034	0.15	0.021	0.217	U	0.20 - 0.70
5C-00088	10133	Ac-228	1.22	0.086	0.044	2.4		0.20 - 0.70
5C-00088	10133	Ag-108	-0.0044	0.0016	0.0006	--	R	0.20 - 0.70
5C-00088	10133	Ag-108m	-0.0471	0.018	0.0059	--	R	0.20 - 0.70
5C-00088	10133	Am-241	0.0048	0.012	0.0038	0.0454	U	0.20 - 0.70
5C-00088	10133	Ba-133	-0.0182	0.02	0.0061	--	UL	0.20 - 0.70
5C-00088	10133	Ba-137m	0.015	0.011	0.0048	--		0.20 - 0.70
5C-00088	10133	Bi-212	1.13	0.15	0.096	2.15		0.20 - 0.70
5C-00088	10133	Bi-214	0.849	0.024	0.031	1.59	R	0.20 - 0.70
5C-00088	10133	Cd-113m	-0.09	41	12	3030	U	0.20 - 0.70
5C-00088	10133	Cf-249	0.0056	0.071	0.0043	--	U	0.20 - 0.70
5C-00088	10133	Cm-243/244	-0.0028	0.012	0.0027	0.0443	U	0.20 - 0.70
5C-00088	10133	Cm-245/246	-0.0009	0.0095	0.0021	0.0401	U	0.20 - 0.70
5C-00088	10133	Cm-247/248	-0.0017	0.0093	0.0019	0.0306	U	0.20 - 0.70
5C-00088	10133	Co-60	-0.0006	0.02	0.0059	0.028	U	0.20 - 0.70
5C-00088	10133	Cs-134	0.0106	0.053	0.0039	0.0864	U	0.20 - 0.70
5C-00088	10133	Cs-137	0.0159	0.012	0.005	0.207		0.20 - 0.70
5C-00088	10133	Eu-152	-0.01	0.041	0.012	0.0566	U	0.20 - 0.70
5C-00088	10133	Eu-154	0.018	0.1	0.024	0.15	U	0.20 - 0.70
5C-00088	10133	Eu-155	0.088	0.032	0.013	0.231		0.20 - 0.70
5C-00088	10133	Ho-166m	0.0064	0.026	0.0074	0.0432	U	0.20 - 0.70
5C-00088	10133	K-40	19.9	0.13	0.61	32.4		0.20 - 0.70
5C-00088	10133	Na-22	-0.0083	0.027	0.008	0.037	U	0.20 - 0.70
5C-00088	10133	Nb-94	0.0041	0.014	0.0042	0.0214	U	0.20 - 0.70
5C-00088	10133	Np-236	0.0021	0.032	0.0095	0.047	U	0.20 - 0.70

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00088	10133	Np-239	-0.01	0.09	0.027	0.139	U	0.20 - 0.70
5C-00088	10133	Pa-231	0.01	0.48	0.14	0.936	U	0.20 - 0.70
5C-00088	10133	Pb-212	1.58	0.024	0.064	2.69		0.20 - 0.70
5C-00088	10133	Pb-214	0.889	0.027	0.031	1.7		0.20 - 0.70
5C-00088	10133	Pu-236	0.0003	0.0083	0.002	7.79	U	0.20 - 0.70
5C-00088	10133	Pu-238	-0.0003	0.0072	0.0015	0.0415	U	0.20 - 0.70
5C-00088	10133	Pu-239/240	0.0011	0.0047	0.0012	0.0404	U	0.20 - 0.70
5C-00088	10133	Pu-244	0.0016	0.0021	0.0011	0.0313		0.20 - 0.70
5C-00088	10133	Rn-220	1.36	0.02	0.12	--		0.20 - 0.70
5C-00088	10133	Rn-222	0.869	0.024	0.043	--		0.20 - 0.70
5C-00088	10133	Sb-125	0.153	0.04	0.012	0.354		0.20 - 0.70
5C-00088	10133	Sn-126	0.0002	0.017	0.0051	0.0237	U	0.20 - 0.70
5C-00088	10133	Sr-90	-0.025	0.042	0.01	0.485	UL	0.20 - 0.70
5C-00088	10133	Te-125m	0.0353	0.0093	0.0028	0.0838		0.20 - 0.70
5C-00088	10133	Th-228	1.26	0.01	0.062	3.98		0.20 - 0.70
5C-00088	10133	Th-229	0.0106	0.0022	0.003	0.145		0.20 - 0.70
5C-00088	10133	Th-230	0.764	0.009	0.041	2.2		0.20 - 0.70
5C-00088	10133	Th-232	1.21	0.006	0.06	3.1		0.20 - 0.70
5C-00088	10133	Th-234	0.345	0.16	0.051	3.19	R	0.20 - 0.70
5C-00088	10133	Tl-208	0.49	0.019	0.019	0.937		0.20 - 0.70
5C-00088	10133	Tm-171	-2.3	5.6	1.7	72.4	U	0.20 - 0.70
5C-00088	10133	U-233/234	0.71	0.003	0.04	2.02		0.20 - 0.70
5C-00088	10133	U-235/236	0.0308	0.012	0.007	0.151		0.20 - 0.70
5C-00088	10133	U-238	0.717	0.003	0.041	1.8		0.20 - 0.70
5C-00088	10134	Ac-227	0.032	0.14	0.054	0.217	U	1.00 - 5.00
5C-00088	10134	Ac-228	1.33	0.089	0.048	2.4		1.00 - 5.00
5C-00088	10134	Ag-108	-0.0045	0.0016	0.0006	--	R U	1.00 - 5.00
5C-00088	10134	Ag-108m	-0.0486	0.018	0.0059	--	R U	1.00 - 5.00
5C-00088	10134	Am-241	0.0026	0.0097	0.0027	0.0454	U	1.00 - 5.00
5C-00088	10134	Ba-133	-0.0153	0.018	0.0054	--	L U R	1.00 - 5.00
5C-00088	10134	Ba-137m	-0.0076	0.016	0.005	--	U	1.00 - 5.00
5C-00088	10134	Bi-212	1.11	0.13	0.082	2.15		1.00 - 5.00
5C-00088	10134	Bi-214	0.961	0.027	0.034	1.59	R	1.00 - 5.00
5C-00088	10134	Cd-113m	5	40	12	3030	U	1.00 - 5.00
5C-00088	10134	Cf-249	0.0209	0.061	0.007	--	U R	1.00 - 5.00
5C-00088	10134	Cm-243/244	0	0.0095	0.0019	0.0443	U	1.00 - 5.00
5C-00088	10134	Cm-245/246	-0.001	0.0096	0.0019	0.0401	U J	1.00 - 5.00
5C-00088	10134	Cm-247/248	0	0.0094	0.0021	0.0306	U J	1.00 - 5.00
5C-00088	10134	Co-60	0.0037	0.018	0.0053	0.028	U	1.00 - 5.00
5C-00088	10134	Cs-134	0.0104	0.053	0.0045	0.0864	U	1.00 - 5.00
5C-00088	10134	Cs-137	-0.008	0.017	0.0052	0.207	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00088	10134	Eu-152	0.01	0.032	0.017	0.0566	U	1.00 - 5.00
5C-00088	10134	Eu-154	-0.001	0.099	0.03	0.15	U J	1.00 - 5.00
5C-00088	10134	Eu-155	0.079	0.037	0.015	0.231	S K	1.00 - 5.00
5C-00088	10134	Ho-166m	0.0056	0.026	0.0038	0.0432	U	1.00 - 5.00
5C-00088	10134	K-40	19.6	0.18	0.6	32.4		1.00 - 5.00
5C-00088	10134	Na-22	-0.0003	0.023	0.007	0.037	U	1.00 - 5.00
5C-00088	10134	Nb-94	0.0109	0.014	0.0044	0.0214	S K	1.00 - 5.00
5C-00088	10134	Np-236	0.0113	0.029	0.0089	0.047	U	1.00 - 5.00
5C-00088	10134	Np-239	0.013	0.086	0.026	0.139	U	1.00 - 5.00
5C-00088	10134	Pa-231	0.003	0.56	0.17	0.936	U	1.00 - 5.00
5C-00088	10134	Pb-212	1.55	0.027	0.048	2.69		1.00 - 5.00
5C-00088	10134	Pb-214	0.992	0.025	0.042	1.7		1.00 - 5.00
5C-00088	10134	Pu-236	0.001	0.0014	0.0007	7.79	U	1.00 - 5.00
5C-00088	10134	Pu-238	-0.001	0.0055	0.0011	0.0415	U	1.00 - 5.00
5C-00088	10134	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00088	10134	Pu-244	0.0025	0.0037	0.0014	0.0313		1.00 - 5.00
5C-00088	10134	Rn-220	1.33	0.027	0.095	--		1.00 - 5.00
5C-00088	10134	Rn-222	0.977	0.025	0.054	--		1.00 - 5.00
5C-00088	10134	Sb-125	0.174	0.041	0.013	0.354	S K	1.00 - 5.00
5C-00088	10134	Sn-126	-0.0004	0.012	0.0036	0.0237	U	1.00 - 5.00
5C-00088	10134	Sr-90	0.022	0.06	0.018	0.485	U	1.00 - 5.00
5C-00088	10134	Te-125m	0.0402	0.0095	0.003	0.0838	S K	1.00 - 5.00
5C-00088	10134	Th-228	1.34	0.015	0.068	3.98		1.00 - 5.00
5C-00088	10134	Th-229	0.0035	0.0086	0.0027	0.145		1.00 - 5.00
5C-00088	10134	Th-230	0.953	0.01	0.051	2.2		1.00 - 5.00
5C-00088	10134	Th-232	1.27	0.003	0.065	3.1		1.00 - 5.00
5C-00088	10134	Th-234	0.402	0.17	0.054	3.19	R	1.00 - 5.00
5C-00088	10134	Tl-208	0.517	0.019	0.02	0.937	J	1.00 - 5.00
5C-00088	10134	Tm-171	3.8	5.5	2.2	72.4		1.00 - 5.00
5C-00088	10134	U-233/234	0.776	0.008	0.044	2.02		1.00 - 5.00
5C-00088	10134	U-235/236	0.0477	0.0098	0.0084	0.151		1.00 - 5.00
5C-00088	10134	U-238	0.84	0.01	0.046	1.8		1.00 - 5.00
5C-00090	10136	Ac-227	0.039	0.14	0.042	0.217	U	0.00 - 0.50
5C-00090	10136	Ac-228	1.1	0.071	0.041	2.4		0.00 - 0.50
5C-00090	10136	Ag-108	-0.0015	0.0014	0.0004	--	R	0.00 - 0.50
5C-00090	10136	Ag-108m	-0.0159	0.015	0.0046	--	R	0.00 - 0.50
5C-00090	10136	Am-241	-0.0079	0.019	0.0043	0.0454	U	0.00 - 0.50
5C-00090	10136	Ba-133	-0.0347	0.02	0.0065	--	R	0.00 - 0.50
5C-00090	10136	Ba-137m	0.0266	0.012	0.0058	--		0.00 - 0.50
5C-00090	10136	Bi-212	0.998	0.14	0.09	2.15		0.00 - 0.50
5C-00090	10136	Bi-214	0.822	0.025	0.03	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00090	10136	Cd-113m	6	40	12	3030	U	0.00 - 0.50
5C-00090	10136	Cf-249	0.038	0.051	0.022	--		0.00 - 0.50
5C-00090	10136	Cm-243/244	0	0.0026	0.0011	0.0443	U	0.00 - 0.50
5C-00090	10136	Cm-245/246	0	0.0079	0.0016	0.0401	U	0.00 - 0.50
5C-00090	10136	Cm-247/248	0.0021	0.0029	0.0015	0.0306	U	0.00 - 0.50
5C-00090	10136	Co-60	-0.0022	0.017	0.005	0.028	U	0.00 - 0.50
5C-00090	10136	Cs-134	0.0133	0.057	0.0055	0.0864	U	0.00 - 0.50
5C-00090	10136	Cs-137	0.0281	0.013	0.0061	0.207		0.00 - 0.50
5C-00090	10136	Eu-152	-0.013	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00090	10136	Eu-154	-0.034	0.095	0.029	0.15	U	0.00 - 0.50
5C-00090	10136	Eu-155	0.079	0.047	0.02	0.231		0.00 - 0.50
5C-00090	10136	Ho-166m	0.0154	0.023	0.0028	0.0432		0.00 - 0.50
5C-00090	10136	K-40	18.4	0.11	0.56	32.4		0.00 - 0.50
5C-00090	10136	Na-22	-0.0005	0.016	0.0046	0.037	U	0.00 - 0.50
5C-00090	10136	Nb-94	0.0038	0.013	0.0023	0.0214	U	0.00 - 0.50
5C-00090	10136	Np-236	-0.0068	0.033	0.01	0.047	U	0.00 - 0.50
5C-00090	10136	Np-239	0.002	0.079	0.024	0.139	U	0.00 - 0.50
5C-00090	10136	Pa-231	-0.18	0.6	0.18	0.936	U	0.00 - 0.50
5C-00090	10136	Pb-212	1.34	0.024	0.041	2.69		0.00 - 0.50
5C-00090	10136	Pb-214	0.869	0.025	0.038	1.7		0.00 - 0.50
5C-00090	10136	Pu-236	0	0.0015	0.0006	7.79	U	0.00 - 0.50
5C-00090	10136	Pu-238	-0.0011	0.006	0.0012	0.0415	U	0.00 - 0.50
5C-00090	10136	Pu-239/240	0	0.0015	0.0006	0.0404	U	0.00 - 0.50
5C-00090	10136	Pu-244	0.0028	0.0015	0.0012	0.0313		0.00 - 0.50
5C-00090	10136	Rn-220	1.17	0.024	0.099	--		0.00 - 0.50
5C-00090	10136	Rn-222	0.845	0.025	0.049	--		0.00 - 0.50
5C-00090	10136	Sb-125	0.128	0.043	0.011	0.354		0.00 - 0.50
5C-00090	10136	Sn-126	-0.0001	0.015	0.0046	0.0237	U	0.00 - 0.50
5C-00090	10136	Sr-90	0.028	0.041	0.013	0.485		0.00 - 0.50
5C-00090	10136	Te-125m	0.0295	0.01	0.0025	0.0838		0.00 - 0.50
5C-00090	10136	Th-228	1.3	0.011	0.068	3.98		0.00 - 0.50
5C-00090	10136	Th-229	0.0051	0.012	0.0037	0.145		0.00 - 0.50
5C-00090	10136	Th-230	1.03	0.009	0.056	2.2		0.00 - 0.50
5C-00090	10136	Th-232	1.19	0.003	0.063	3.1		0.00 - 0.50
5C-00090	10136	Th-234	0.986	0.2	0.07	3.19	R	0.00 - 0.50
5C-00090	10136	Tl-208	0.431	0.017	0.017	0.937		0.00 - 0.50
5C-00090	10136	Tm-171	-9.8	8.9	2.8	72.4	R	0.00 - 0.50
5C-00090	10136	U-233/234	0.397	0.013	0.027	2.02		0.00 - 0.50
5C-00090	10136	U-235/236	0.0221	0.0037	0.0056	0.151		0.00 - 0.50
5C-00090	10136	U-238	0.409	0.003	0.027	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00090	10137	Ac-227	0.031	0.15	0.048	0.217	U	1.00 - 5.00
5C-00090	10137	Ac-228	1.32	0.089	0.046	2.4		1.00 - 5.00
5C-00090	10137	Ag-108	-0.0009	0.0015	0.0005	--	U	1.00 - 5.00
5C-00090	10137	Ag-108m	-0.0099	0.016	0.005	--	U	1.00 - 5.00
5C-00090	10137	Am-241	0.0008	0.0059	0.0014	0.0454	U	1.00 - 5.00
5C-00090	10137	Ba-133	-0.108	0.026	0.009	--	R	1.00 - 5.00
5C-00090	10137	Ba-137m	0.0038	0.014	0.0043	--	U	1.00 - 5.00
5C-00090	10137	Bi-212	1.13	0.13	0.082	2.15		1.00 - 5.00
5C-00090	10137	Bi-214	0.954	0.023	0.033	1.59	R	1.00 - 5.00
5C-00090	10137	Cd-113m	-0.7	45	13	3030	U	1.00 - 5.00
5C-00090	10137	Cf-249	0.0187	0.065	0.0062	--	U	1.00 - 5.00
5C-00090	10137	Cm-243/244	-0.0016	0.0084	0.0017	0.0443	U	1.00 - 5.00
5C-00090	10137	Cm-245/246	0	0.0067	0.0014	0.0401	U	1.00 - 5.00
5C-00090	10137	Cm-247/248	-0.0027	0.0096	0.0017	0.0306	U	1.00 - 5.00
5C-00090	10137	Co-60	0.0016	0.018	0.0038	0.028	U	1.00 - 5.00
5C-00090	10137	Cs-134	0.0174	0.055	0.0051	0.0864	U	1.00 - 5.00
5C-00090	10137	Cs-137	0.0041	0.015	0.0045	0.207	U	1.00 - 5.00
5C-00090	10137	Eu-152	-0.013	0.043	0.013	0.0566	U	1.00 - 5.00
5C-00090	10137	Eu-154	0.0071	0.1	0.0067	0.15	U	1.00 - 5.00
5C-00090	10137	Eu-155	0.101	0.035	0.015	0.231		1.00 - 5.00
5C-00090	10137	Ho-166m	0.0064	0.028	0.0053	0.0432	U	1.00 - 5.00
5C-00090	10137	K-40	18.9	0.13	0.58	32.4		1.00 - 5.00
5C-00090	10137	Na-22	0.0022	0.026	0.0076	0.037	U	1.00 - 5.00
5C-00090	10137	Nb-94	0.0017	0.016	0.0017	0.0214	U	1.00 - 5.00
5C-00090	10137	Np-236	-0.0028	0.033	0.01	0.047	U	1.00 - 5.00
5C-00090	10137	Np-239	-0.001	0.094	0.028	0.139	U	1.00 - 5.00
5C-00090	10137	Pa-231	0.005	0.65	0.19	0.936	U	1.00 - 5.00
5C-00090	10137	Pb-212	1.74	0.024	0.07	2.69		1.00 - 5.00
5C-00090	10137	Pb-214	1.06	0.029	0.036	1.7		1.00 - 5.00
5C-00090	10137	Pu-236	0	0.0015	0.0006	7.79	U	1.00 - 5.00
5C-00090	10137	Pu-238	-0.0005	0.0059	0.0013	0.0415	U	1.00 - 5.00
5C-00090	10137	Pu-239/240	0.0017	0.0015	0.001	0.0404		1.00 - 5.00
5C-00090	10137	Pu-244	-0.0006	0.004	0.0006	0.0313	U	1.00 - 5.00
5C-00090	10137	Rn-220	1.43	0.02	0.11	--		1.00 - 5.00
5C-00090	10137	Rn-222	1.01	0.023	0.049	--		1.00 - 5.00
5C-00090	10137	Sb-125	0.171	0.043	0.013	0.354		1.00 - 5.00
5C-00090	10137	Sn-126	-0.0003	0.018	0.0053	0.0237	U	1.00 - 5.00
5C-00090	10137	Sr-90	-0.024	0.059	0.016	0.485	U	1.00 - 5.00
5C-00090	10137	Te-125m	0.0395	0.01	0.003	0.0838		1.00 - 5.00
5C-00090	10137	Th-228	1.37	0.019	0.07	3.98		1.00 - 5.00
5C-00090	10137	Th-229	0.012	0.0029	0.0036	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00090	10137	Th-230	0.957	0.003	0.052	2.2		1.00 - 5.00
5C-00090	10137	Th-232	1.43	0.008	0.072	3.1		1.00 - 5.00
5C-00090	10137	Th-234	0.432	0.17	0.054	3.19	R	1.00 - 5.00
5C-00090	10137	Tl-208	0.51	0.017	0.019	0.937		1.00 - 5.00
5C-00090	10137	Tm-171	-2.6	6.1	1.8	72.4	U	1.00 - 5.00
5C-00090	10137	U-233/234	0.738	0.008	0.04	2.02		1.00 - 5.00
5C-00090	10137	U-235/236	0.0383	0.0081	0.0069	0.151		1.00 - 5.00
5C-00090	10137	U-238	0.721	0.002	0.039	1.8		1.00 - 5.00
5C-00093	10140	Ac-227	0.024	0.12	0.046	0.217	U	1.00 - 5.00
5C-00093	10140	Ac-228	1.26	0.075	0.042	2.4		1.00 - 5.00
5C-00093	10140	Ag-108	-0.004	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00093	10140	Ag-108m	-0.0429	0.016	0.0054	--	R U	1.00 - 5.00
5C-00093	10140	Am-241	-0.0025	0.01	0.002	0.0454	U	1.00 - 5.00
5C-00093	10140	Ba-133	-0.018	0.019	0.0057	--	R U	1.00 - 5.00
5C-00093	10140	Ba-137m	-0.0002	0.018	0.0054	--	U	1.00 - 5.00
5C-00093	10140	Bi-212	1.03	0.12	0.069	2.15		1.00 - 5.00
5C-00093	10140	Bi-214	0.966	0.025	0.034	1.59		1.00 - 5.00
5C-00093	10140	Cd-113m	2	41	12	3030	U	1.00 - 5.00
5C-00093	10140	Cf-249	-0.02	0.063	0.019	--	U R	1.00 - 5.00
5C-00093	10140	Cm-243/244	-0.0008	0.0076	0.0015	0.0443	U	1.00 - 5.00
5C-00093	10140	Cm-245/246	0.0008	0.0075	0.0019	0.0401	U J	1.00 - 5.00
5C-00093	10140	Cm-247/248	0.0016	0.0021	0.0011	0.0306	U J	1.00 - 5.00
5C-00093	10140	Co-60	0.0029	0.018	0.004	0.028	U	1.00 - 5.00
5C-00093	10140	Cs-134	0.0001	0.053	0.0007	0.0864	U	1.00 - 5.00
5C-00093	10140	Cs-137	-0.0002	0.019	0.0057	0.207	U	1.00 - 5.00
5C-00093	10140	Eu-152	-0.004	0.034	0.01	0.0566	U	1.00 - 5.00
5C-00093	10140	Eu-154	-0.05	0.1	0.03	0.15	U UL	1.00 - 5.00
5C-00093	10140	Eu-155	0.067	0.032	0.013	0.231	J S K	1.00 - 5.00
5C-00093	10140	Ho-166m	0.0343	0.025	0.0047	0.0432	S K	1.00 - 5.00
5C-00093	10140	K-40	17.7	0.11	0.54	32.4		1.00 - 5.00
5C-00093	10140	Na-22	0	0.029	0.0041	0.037	U	1.00 - 5.00
5C-00093	10140	Nb-94	0.0037	0.014	0.0042	0.0214	U	1.00 - 5.00
5C-00093	10140	Np-236	-0.0032	0.031	0.0093	0.047	U	1.00 - 5.00
5C-00093	10140	Np-239	0.004	0.087	0.026	0.139	U	1.00 - 5.00
5C-00093	10140	Pa-231	0.11	0.58	0.18	0.936	U	1.00 - 5.00
5C-00093	10140	Pb-212	1.59	0.023	0.065	2.69		1.00 - 5.00
5C-00093	10140	Pb-214	1.05	0.025	0.035	1.7		1.00 - 5.00
5C-00093	10140	Pu-236	0.0011	0.0039	0.0011	7.79	U	1.00 - 5.00
5C-00093	10140	Pu-238	-0.001	0.0056	0.0011	0.0415	U	1.00 - 5.00
5C-00093	10140	Pu-239/240	0	0.0014	0.0006	0.0404	U	1.00 - 5.00
5C-00093	10140	Pu-244	0.0021	0.0014	0.001	0.0313		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00093	10140	Rn-220	1.31	0.023	0.095	--		1.00 - 5.00
5C-00093	10140	Rn-222	1.01	0.025	0.048	--		1.00 - 5.00
5C-00093	10140	Sb-125	0.145	0.034	0.012	0.354	S K	1.00 - 5.00
5C-00093	10140	Sn-126	0.005	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00093	10140	Sr-90	-0.002	0.051	0.015	0.485	U	1.00 - 5.00
5C-00093	10140	Te-125m	0.0336	0.0079	0.0027	0.0838	S K	1.00 - 5.00
5C-00093	10140	Th-228	1.23	0.021	0.064	3.98		1.00 - 5.00
5C-00093	10140	Th-229	0.0077	0.0095	0.0037	0.145		1.00 - 5.00
5C-00093	10140	Th-230	0.985	0.009	0.054	2.2		1.00 - 5.00
5C-00093	10140	Th-232	1.18	0.011	0.062	3.1		1.00 - 5.00
5C-00093	10140	Th-234	1.46	0.15	0.082	3.19	R	1.00 - 5.00
5C-00093	10140	Tl-208	0.497	0.017	0.019	0.937		1.00 - 5.00
5C-00093	10140	Tm-171	-1.3	6.1	1.8	72.4	U	1.00 - 5.00
5C-00093	10140	U-233/234	0.886	0.011	0.047	2.02		1.00 - 5.00
5C-00093	10140	U-235/236	0.0525	0.003	0.008	0.151		1.00 - 5.00
5C-00093	10140	U-238	0.87	0.007	0.046	1.8		1.00 - 5.00
5C-00094	10141	Ac-227	0.053	0.14	0.053	0.217	U	1.00 - 5.00
5C-00094	10141	Ac-228	1.29	0.078	0.045	2.4		1.00 - 5.00
5C-00094	10141	Ag-108	-0.0013	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00094	10141	Ag-108m	-0.0143	0.015	0.0045	--	R U	1.00 - 5.00
5C-00094	10141	Am-241	-0.0013	0.0071	0.0014	0.0454	U	1.00 - 5.00
5C-00094	10141	Ba-133	-0.0961	0.022	0.0077	--	R U	1.00 - 5.00
5C-00094	10141	Ba-137m	-0.0001	0.015	0.0044	--	U	1.00 - 5.00
5C-00094	10141	Bi-212	1.08	0.13	0.076	2.15		1.00 - 5.00
5C-00094	10141	Bi-214	0.935	0.025	0.033	1.59		1.00 - 5.00
5C-00094	10141	Cd-113m	14	37	11	3030	U	1.00 - 5.00
5C-00094	10141	Cf-249	0.0037	0.063	0.0028	--	U R	1.00 - 5.00
5C-00094	10141	Cm-243/244	-0.0007	0.0048	0.0007	0.0443	U	1.00 - 5.00
5C-00094	10141	Cm-245/246	0.0016	0.006	0.0017	0.0401	U J	1.00 - 5.00
5C-00094	10141	Cm-247/248	0.0016	0.0022	0.0011	0.0306	U J	1.00 - 5.00
5C-00094	10141	Co-60	0.0061	0.014	0.0042	0.028	U	1.00 - 5.00
5C-00094	10141	Cs-134	0.0168	0.052	0.005	0.0864	U	1.00 - 5.00
5C-00094	10141	Cs-137	-0.0001	0.016	0.0047	0.207	U	1.00 - 5.00
5C-00094	10141	Eu-152	0.0006	0.038	0.011	0.0566	U	1.00 - 5.00
5C-00094	10141	Eu-154	-0.051	0.093	0.028	0.15	U UL	1.00 - 5.00
5C-00094	10141	Eu-155	0.069	0.03	0.012	0.231	J S K	1.00 - 5.00
5C-00094	10141	Ho-166m	0.0077	0.024	0.0065	0.0432	U	1.00 - 5.00
5C-00094	10141	K-40	16	0.12	0.49	32.4		1.00 - 5.00
5C-00094	10141	Na-22	0.0015	0.019	0.0057	0.037	U	1.00 - 5.00
5C-00094	10141	Nb-94	0.0039	0.014	0.0028	0.0214	U	1.00 - 5.00
5C-00094	10141	Np-236	0.0006	0.028	0.0085	0.047	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00094	10141	Np-239	-0.01	0.084	0.025	0.139	U	1.00 - 5.00
5C-00094	10141	Pa-231	0.18	0.58	0.13	0.936	U	1.00 - 5.00
5C-00094	10141	Pb-212	1.69	0.023	0.068	2.69		1.00 - 5.00
5C-00094	10141	Pb-214	1.02	0.026	0.034	1.7		1.00 - 5.00
5C-00094	10141	Pu-236	-0.0009	0.0042	0.0007	7.79	U	1.00 - 5.00
5C-00094	10141	Pu-238	-0.0009	0.0053	0.0012	0.0415	U	1.00 - 5.00
5C-00094	10141	Pu-239/240	0	0.0033	0.0007	0.0404	U	1.00 - 5.00
5C-00094	10141	Pu-244	0.0018	0.0012	0.0009	0.0313		1.00 - 5.00
5C-00094	10141	Rn-220	1.38	0.02	0.1	--		1.00 - 5.00
5C-00094	10141	Rn-222	0.975	0.025	0.047	--		1.00 - 5.00
5C-00094	10141	Sb-125	0.175	0.032	0.013	0.354	S K	1.00 - 5.00
5C-00094	10141	Sn-126	-0.0023	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00094	10141	Sr-90	0.0009	0.052	0.015	0.485	U	1.00 - 5.00
5C-00094	10141	Te-125m	0.0405	0.0073	0.003	0.0838	S K	1.00 - 5.00
5C-00094	10141	Th-228	1.4	0.016	0.069	3.98		1.00 - 5.00
5C-00094	10141	Th-229	0.0027	0.0049	0.0017	0.145		1.00 - 5.00
5C-00094	10141	Th-230	0.959	0.009	0.051	2.2		1.00 - 5.00
5C-00094	10141	Th-232	1.31	0.009	0.066	3.1		1.00 - 5.00
5C-00094	10141	Th-234	1.6	0.15	0.087	3.19	R	1.00 - 5.00
5C-00094	10141	Tl-208	0.511	0.014	0.017	0.937		1.00 - 5.00
5C-00094	10141	Tm-171	-2.1	6.1	1.8	72.4	U	1.00 - 5.00
5C-00094	10141	U-233/234	0.821	0.005	0.042	2.02		1.00 - 5.00
5C-00094	10141	U-235/236	0.035	0.0024	0.0058	0.151		1.00 - 5.00
5C-00094	10141	U-238	0.806	0.005	0.042	1.8		1.00 - 5.00
5C-00095	10142	Ac-227	0.086	0.089	0.019	0.217		1.00 - 1.50
5C-00095	10142	Ac-228	1.33	0.067	0.047	2.4		1.00 - 1.50
5C-00095	10142	Ag-108	-0.0015	0.0013	0.0004	--	R	1.00 - 1.50
5C-00095	10142	Ag-108m	-0.0166	0.014	0.0043	--	R	1.00 - 1.50
5C-00095	10142	Am-241	0.001	0.0026	0.001	0.0454	U	1.00 - 1.50
5C-00095	10142	Ba-133	-0.026	0.017	0.0054	--	R	1.00 - 1.50
5C-00095	10142	Ba-137m	0.0003	0.013	0.0038	--	U	1.00 - 1.50
5C-00095	10142	Bi-212	1.11	0.1	0.066	2.15		1.00 - 1.50
5C-00095	10142	Bi-214	0.945	0.024	0.036	1.59		1.00 - 1.50
5C-00095	10142	Cd-113m	-2	37	11	3030	U	1.00 - 1.50
5C-00095	10142	Cf-249	-0.015	0.06	0.018	--	U	1.00 - 1.50
5C-00095	10142	Cm-243/244	0	0.007	0.0014	0.0443	U	1.00 - 1.50
5C-00095	10142	Cm-245/246	0.001	0.0028	0.001	0.0401	U	1.00 - 1.50
5C-00095	10142	Cm-247/248	0	0.0028	0.0012	0.0306	U	1.00 - 1.50
5C-00095	10142	Co-60	-0.005	0.016	0.0048	0.028	U	1.00 - 1.50
5C-00095	10142	Cs-134	0.0214	0.049	0.005	0.0864	U	1.00 - 1.50
5C-00095	10142	Cs-137	0.0003	0.014	0.0041	0.207	U	1.00 - 1.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00095	10142	Eu-152	0.0159	0.034	0.0083	0.0566	U	1.00 - 1.50
5C-00095	10142	Eu-154	-0.007	0.083	0.025	0.15	U	1.00 - 1.50
5C-00095	10142	Eu-155	0.07	0.032	0.013	0.231		1.00 - 1.50
5C-00095	10142	Ho-166m	0.0007	0.02	0.0006	0.0432	U	1.00 - 1.50
5C-00095	10142	K-40	19	0.14	0.63	32.4		1.00 - 1.50
5C-00095	10142	Na-22	-0.0002	0.021	0.0062	0.037	U	1.00 - 1.50
5C-00095	10142	Nb-94	0.0034	0.012	0.0035	0.0214	U	1.00 - 1.50
5C-00095	10142	Np-236	-0.012	0.029	0.0088	0.047	U	1.00 - 1.50
5C-00095	10142	Np-239	0.018	0.079	0.024	0.139	U	1.00 - 1.50
5C-00095	10142	Pa-231	0.03	0.54	0.16	0.936	U	1.00 - 1.50
5C-00095	10142	Pb-212	1.71	0.022	0.09	2.69		1.00 - 1.50
5C-00095	10142	Pb-214	1.05	0.023	0.039	1.7		1.00 - 1.50
5C-00095	10142	Pu-236	-0.0012	0.0058	0.001	7.79	U	1.00 - 1.50
5C-00095	10142	Pu-238	-0.0019	0.0067	0.0012	0.0415	U	1.00 - 1.50
5C-00095	10142	Pu-239/240	-0.0006	0.0046	0.0007	0.0404	U	1.00 - 1.50
5C-00095	10142	Pu-244	0.0025	0.0017	0.0012	0.0313		1.00 - 1.50
5C-00095	10142	Rn-220	1.41	0.02	0.11	--		1.00 - 1.50
5C-00095	10142	Rn-222	0.999	0.023	0.053	--		1.00 - 1.50
5C-00095	10142	Sb-125	0.13	0.034	0.0094	0.354		1.00 - 1.50
5C-00095	10142	Sn-126	-0.0029	0.013	0.0041	0.0237	U	1.00 - 1.50
5C-00095	10142	Sr-90	0.002	0.039	0.011	0.485	U	1.00 - 1.50
5C-00095	10142	Te-125m	0.0301	0.0079	0.0022	0.0838		1.00 - 1.50
5C-00095	10142	Th-228	1.28	0.016	0.066	3.98		1.00 - 1.50
5C-00095	10142	Th-229	0.0013	0.012	0.003	0.145	U	1.00 - 1.50
5C-00095	10142	Th-230	1.09	0.009	0.058	2.2		1.00 - 1.50
5C-00095	10142	Th-232	1.35	0.012	0.069	3.1		1.00 - 1.50
5C-00095	10142	Th-234	1.61	0.14	0.09	3.19	R	1.00 - 1.50
5C-00095	10142	Tl-208	0.525	0.017	0.021	0.937		1.00 - 1.50
5C-00095	10142	Tm-171	-3.2	5.7	1.7	72.4	U	1.00 - 1.50
5C-00095	10142	U-233/234	0.965	0.004	0.055	2.02	K	1.00 - 1.50
5C-00095	10142	U-235/236	0.055	0.013	0.01	0.151	K	1.00 - 1.50
5C-00095	10142	U-238	1.05	0.004	0.058	1.8	K	1.00 - 1.50
5C-00096	10144	Ac-227	0.066	0.12	0.013	0.217		0.00 - 0.50
5C-00096	10144	Ac-228	1.24	0.065	0.044	2.4		0.00 - 0.50
5C-00096	10144	Ag-108	-0.0047	0.0013	0.0005	--	R U	0.00 - 0.50
5C-00096	10144	Ag-108m	-0.0508	0.014	0.0049	--	R U	0.00 - 0.50
5C-00096	10144	Am-241	-0.0018	0.0095	0.0019	0.0454	U	0.00 - 0.50
5C-00096	10144	Ba-133	-0.0881	0.018	0.0067	--	R U	0.00 - 0.50
5C-00096	10144	Ba-137m	0.0422	0.009	0.0045	--		0.00 - 0.50
5C-00096	10144	Bi-212	0.972	0.11	0.069	2.15		0.00 - 0.50
5C-00096	10144	Bi-214	0.827	0.019	0.031	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00096	10144	Cd-113m	0.6	33	10	3030	U	0.00 - 0.50
5C-00096	10144	Cf-249	0.0026	0.043	0.0037	--	U R	0.00 - 0.50
5C-00096	10144	Cm-243/244	0	0.0023	0.001	0.0443	U	0.00 - 0.50
5C-00096	10144	Cm-245/246	-0.0012	0.0085	0.0013	0.0401	U J	0.00 - 0.50
5C-00096	10144	Cm-247/248	0	0.0031	0.0013	0.0306	U J	0.00 - 0.50
5C-00096	10144	Co-60	0.0052	0.014	0.0042	0.028	U	0.00 - 0.50
5C-00096	10144	Cs-134	0.0117	0.045	0.0034	0.0864	U	0.00 - 0.50
5C-00096	10144	Cs-137	0.0446	0.0095	0.0048	0.207		0.00 - 0.50
5C-00096	10144	Eu-152	0.019	0.031	0.011	0.0566		0.00 - 0.50
5C-00096	10144	Eu-154	0.003	0.056	0.013	0.15	U	0.00 - 0.50
5C-00096	10144	Eu-155	0.075	0.031	0.013	0.231	S K	0.00 - 0.50
5C-00096	10144	Ho-166m	0.0318	0.019	0.0037	0.0432	S K	0.00 - 0.50
5C-00096	10144	K-40	19.2	0.14	0.64	32.4		0.00 - 0.50
5C-00096	10144	Na-22	-0.003	0.019	0.0058	0.037	U	0.00 - 0.50
5C-00096	10144	Nb-94	0.0001	0.011	0.0033	0.0214	U	0.00 - 0.50
5C-00096	10144	Np-236	0.0087	0.024	0.0073	0.047	U	0.00 - 0.50
5C-00096	10144	Np-239	0.004	0.075	0.023	0.139	U	0.00 - 0.50
5C-00096	10144	Pa-231	0.023	0.5	0.026	0.936	U	0.00 - 0.50
5C-00096	10144	Pb-212	1.63	0.022	0.086	2.69		0.00 - 0.50
5C-00096	10144	Pb-214	0.932	0.023	0.035	1.7		0.00 - 0.50
5C-00096	10144	Pu-236	-0.0005	0.006	0.0014	7.79	U	0.00 - 0.50
5C-00096	10144	Pu-238	0	0.006	0.0015	0.0415	U	0.00 - 0.50
5C-00096	10144	Pu-239/240	0.0035	0.0014	0.0013	0.0404		0.00 - 0.50
5C-00096	10144	Pu-244	0.0025	0.0014	0.0011	0.0313		0.00 - 0.50
5C-00096	10144	Rn-220	1.3	0.02	0.11	--		0.00 - 0.50
5C-00096	10144	Rn-222	0.879	0.019	0.047	--		0.00 - 0.50
5C-00096	10144	Sb-125	0.144	0.034	0.012	0.354	S K	0.00 - 0.50
5C-00096	10144	Sn-126	0.0014	0.012	0.0037	0.0237	U	0.00 - 0.50
5C-00096	10144	Sr-90	0.043	0.04	0.013	0.485		0.00 - 0.50
5C-00096	10144	Te-125m	0.0333	0.0079	0.0027	0.0838	S K	0.00 - 0.50
5C-00096	10144	Th-228	1.15	0.016	0.06	3.98		0.00 - 0.50
5C-00096	10144	Th-229	0.0072	0.0024	0.0026	0.145		0.00 - 0.50
5C-00096	10144	Th-230	0.798	0.011	0.044	2.2		0.00 - 0.50
5C-00096	10144	Th-232	1.11	0.003	0.057	3.1		0.00 - 0.50
5C-00096	10144	Th-234	1.41	0.13	0.08	3.19	R	0.00 - 0.50
5C-00096	10144	Tl-208	0.5	0.016	0.02	0.937		0.00 - 0.50
5C-00096	10144	Tm-171	-3.7	4.7	1.4	72.4	L U	0.00 - 0.50
5C-00096	10144	U-233/234	0.698	0.01	0.043	2.02		0.00 - 0.50
5C-00096	10144	U-235/236	0.0322	0.012	0.0079	0.151		0.00 - 0.50
5C-00096	10144	U-238	0.755	0.004	0.045	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00096	10145	Ac-227	0.06	0.15	0.052	0.217	U	1.00 - 5.00
5C-00096	10145	Ac-228	1.25	0.095	0.046	2.4		1.00 - 5.00
5C-00096	10145	Ag-108	-0.0015	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00096	10145	Ag-108m	-0.0164	0.016	0.0049	--	R U	1.00 - 5.00
5C-00096	10145	Am-241	0.0048	0.0063	0.0023	0.0454		1.00 - 5.00
5C-00096	10145	Ba-133	-0.0234	0.019	0.006	--	R U	1.00 - 5.00
5C-00096	10145	Ba-137m	-0.0002	0.017	0.0052	--	U	1.00 - 5.00
5C-00096	10145	Bi-212	0.921	0.14	0.084	2.15		1.00 - 5.00
5C-00096	10145	Bi-214	0.971	0.027	0.035	1.59		1.00 - 5.00
5C-00096	10145	Cd-113m	-2.7	30	9.1	3030	U	1.00 - 5.00
5C-00096	10145	Cf-249	0.079	0.051	0.021	--	R	1.00 - 5.00
5C-00096	10145	Cm-243/244	-0.002	0.0072	0.0013	0.0443	U	1.00 - 5.00
5C-00096	10145	Cm-245/246	0	0.0079	0.0018	0.0401	U J	1.00 - 5.00
5C-00096	10145	Cm-247/248	0.0008	0.0023	0.0008	0.0306	U J	1.00 - 5.00
5C-00096	10145	Co-60	0.0015	0.017	0.0033	0.028	U	1.00 - 5.00
5C-00096	10145	Cs-134	0.0071	0.053	0.0024	0.0864	U	1.00 - 5.00
5C-00096	10145	Cs-137	-0.0002	0.018	0.0055	0.207	U	1.00 - 5.00
5C-00096	10145	Eu-152	0.006	0.036	0.015	0.0566	U	1.00 - 5.00
5C-00096	10145	Eu-154	0.003	0.1	0.014	0.15	U	1.00 - 5.00
5C-00096	10145	Eu-155	0.081	0.035	0.015	0.231	J S K	1.00 - 5.00
5C-00096	10145	Ho-166m	-0.0004	0.025	0.0074	0.0432	U	1.00 - 5.00
5C-00096	10145	K-40	19.5	0.14	0.59	32.4		1.00 - 5.00
5C-00096	10145	Na-22	0.0011	0.025	0.0076	0.037	U	1.00 - 5.00
5C-00096	10145	Nb-94	0.0029	0.015	0.0033	0.0214	U	1.00 - 5.00
5C-00096	10145	Np-236	-0.0009	0.029	0.0087	0.047	U	1.00 - 5.00
5C-00096	10145	Np-239	-0.03	0.091	0.028	0.139	U	1.00 - 5.00
5C-00096	10145	Pa-231	-0.003	0.62	0.19	0.936	U	1.00 - 5.00
5C-00096	10145	Pb-212	1.53	0.031	0.063	2.69		1.00 - 5.00
5C-00096	10145	Pb-214	1.09	0.028	0.036	1.7		1.00 - 5.00
5C-00096	10145	Pu-236	-0.0024	0.0094	0.0023	7.79	U	1.00 - 5.00
5C-00096	10145	Pu-238	-0.0009	0.0057	0.0013	0.0415	U	1.00 - 5.00
5C-00096	10145	Pu-239/240	-0.0005	0.0035	0.0005	0.0404	U	1.00 - 5.00
5C-00096	10145	Pu-244	0.0014	0.0013	0.0008	0.0313		1.00 - 5.00
5C-00096	10145	Rn-220	1.22	0.03	0.11	--		1.00 - 5.00
5C-00096	10145	Rn-222	1.03	0.027	0.05	--		1.00 - 5.00
5C-00096	10145	Sb-125	0.122	0.042	0.01	0.354	S K	1.00 - 5.00
5C-00096	10145	Sn-126	0.001	0.015	0.0043	0.0237	U	1.00 - 5.00
5C-00096	10145	Sr-90	-0.007	0.062	0.018	0.485	U	1.00 - 5.00
5C-00096	10145	Te-125m	0.0282	0.0098	0.0024	0.0838	S K	1.00 - 5.00
5C-00096	10145	Th-228	1.26	0.011	0.066	3.98		1.00 - 5.00
5C-00096	10145	Th-229	0.0152	0.0029	0.0041	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00096	10145	Th-230	0.955	0.003	0.053	2.2		1.00 - 5.00
5C-00096	10145	Th-232	1.23	0.003	0.064	3.1		1.00 - 5.00
5C-00096	10145	Th-234	1.58	0.15	0.088	3.19	R	1.00 - 5.00
5C-00096	10145	Tl-208	0.507	0.018	0.019	0.937		1.00 - 5.00
5C-00096	10145	Tm-171	-2.9	6.5	2	72.4	U	1.00 - 5.00
5C-00096	10145	U-233/234	0.967	0.014	0.056	2.02	J	1.00 - 5.00
5C-00096	10145	U-235/236	0.0422	0.0052	0.0092	0.151	J	1.00 - 5.00
5C-00096	10145	U-238	1	0.017	0.058	1.8	J	1.00 - 5.00
5C-00097	10146	Ac-227	0.02	0.12	0.026	0.217	U	0.00 - 0.50
5C-00097	10146	Ac-228	1.33	0.061	0.046	2.4		0.00 - 0.50
5C-00097	10146	Ag-108	-0.0042	0.0013	0.0004	--	R U	0.00 - 0.50
5C-00097	10146	Ag-108m	-0.0451	0.014	0.0047	--	R U	0.00 - 0.50
5C-00097	10146	Am-241	-0.0007	0.008	0.0018	0.0454	U	0.00 - 0.50
5C-00097	10146	Ba-133	-0.0973	0.019	0.0071	--	R U	0.00 - 0.50
5C-00097	10146	Ba-137m	-0.0072	0.013	0.0039	--	U	0.00 - 0.50
5C-00097	10146	Bi-212	1.01	0.12	0.076	2.15		0.00 - 0.50
5C-00097	10146	Bi-214	0.904	0.021	0.034	1.59		0.00 - 0.50
5C-00097	10146	Cd-113m	4.9	32	9.5	3030	U	0.00 - 0.50
5C-00097	10146	Cf-249	0.0024	0.064	0.0044	--	U R	0.00 - 0.50
5C-00097	10146	Cm-243/244	0.0036	0.0068	0.0023	0.0443		0.00 - 0.50
5C-00097	10146	Cm-245/246	0.0013	0.014	0.0036	0.0401	U J	0.00 - 0.50
5C-00097	10146	Cm-247/248	0	0.0094	0.0019	0.0306	U	0.00 - 0.50
5C-00097	10146	Co-60	0.0001	0.014	0.0042	0.028	U	0.00 - 0.50
5C-00097	10146	Cs-134	0.0161	0.045	0.0039	0.0864	U	0.00 - 0.50
5C-00097	10146	Cs-137	-0.0076	0.013	0.0041	0.207	U	0.00 - 0.50
5C-00097	10146	Eu-152	0.0133	0.031	0.0078	0.0566	U	0.00 - 0.50
5C-00097	10146	Eu-154	-0.001	0.075	0.022	0.15	U	0.00 - 0.50
5C-00097	10146	Eu-155	0.097	0.032	0.014	0.231	S K	0.00 - 0.50
5C-00097	10146	Ho-166m	0.0033	0.019	0.0038	0.0432	U	0.00 - 0.50
5C-00097	10146	K-40	18.9	0.13	0.63	32.4		0.00 - 0.50
5C-00097	10146	Na-22	-0.0001	0.019	0.0057	0.037	U	0.00 - 0.50
5C-00097	10146	Nb-94	0.0056	0.011	0.0034	0.0214		0.00 - 0.50
5C-00097	10146	Nb-94	0.0056	0.011	0.0034	0.0214	S K	0.00 - 0.50
5C-00097	10146	Np-236	-0.0065	0.027	0.0081	0.047	U	0.00 - 0.50
5C-00097	10146	Np-239	-0.017	0.078	0.024	0.139	U	0.00 - 0.50
5C-00097	10146	Pa-231	0.018	0.51	0.022	0.936	U	0.00 - 0.50
5C-00097	10146	Pb-212	1.7	0.02	0.09	2.69		0.00 - 0.50
5C-00097	10146	Pb-214	1.02	0.023	0.038	1.7		0.00 - 0.50
5C-00097	10146	Pu-236	0.004	0.0069	0.0023	7.79		0.00 - 0.50
5C-00097	10146	Pu-238	-0.0011	0.0069	0.0015	0.0415	U	0.00 - 0.50
5C-00097	10146	Pu-239/240	0.0012	0.0016	0.0008	0.0404	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00097	10146	Pu-244	0.0023	0.0015	0.0011	0.0313		0.00 - 0.50
5C-00097	10146	Rn-220	1.36	0.02	0.12	--		0.00 - 0.50
5C-00097	10146	Rn-222	0.962	0.021	0.051	--		0.00 - 0.50
5C-00097	10146	Sb-125	0.163	0.034	0.011	0.354	S K	0.00 - 0.50
5C-00097	10146	Sn-126	0.0007	0.012	0.0036	0.0237	U	0.00 - 0.50
5C-00097	10146	Sr-90	-0.021	0.046	0.013	0.485	U	0.00 - 0.50
5C-00097	10146	Te-125m	0.0377	0.0078	0.0024	0.0838	S K	0.00 - 0.50
5C-00097	10146	Th-228	1.35	0.044	0.079	3.98		0.00 - 0.50
5C-00097	10146	Th-229	0.0109	0.0091	0.0038	0.145		0.00 - 0.50
5C-00097	10146	Th-230	0.928	0.016	0.06	2.2		0.00 - 0.50
5C-00097	10146	Th-232	1.37	0.016	0.079	3.1		0.00 - 0.50
5C-00097	10146	Th-234	1.69	0.13	0.091	3.19	R	0.00 - 0.50
5C-00097	10146	Tl-208	0.494	0.014	0.019	0.937		0.00 - 0.50
5C-00097	10146	Tm-171	-4	4.7	1.4	72.4	L U	0.00 - 0.50
5C-00097	10146	U-233/234	0.706	0.008	0.041	2.02		0.00 - 0.50
5C-00097	10146	U-235/236	0.0448	0.01	0.0084	0.151		0.00 - 0.50
5C-00097	10146	U-238	0.72	0.003	0.041	1.8		0.00 - 0.50
5C-00097	10147	Ac-227	0.031	0.14	0.037	0.217	U	1.00 - 5.00
5C-00097	10147	Ac-228	1.28	0.081	0.044	2.4		1.00 - 5.00
5C-00097	10147	Ag-108	-0.0015	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00097	10147	Ag-108m	-0.0164	0.015	0.0047	--	R U	1.00 - 5.00
5C-00097	10147	Am-241	-0.003	0.011	0.0023	0.0454	U	1.00 - 5.00
5C-00097	10147	Ba-133	-0.0986	0.024	0.0083	--	R U	1.00 - 5.00
5C-00097	10147	Ba-137m	-0.0075	0.016	0.0049	--	U	1.00 - 5.00
5C-00097	10147	Bi-212	1.11	0.12	0.072	2.15		1.00 - 5.00
5C-00097	10147	Bi-214	0.937	0.024	0.033	1.59		1.00 - 5.00
5C-00097	10147	Cd-113m	5.5	33	9.9	3030	U	1.00 - 5.00
5C-00097	10147	Cf-249	-0.018	0.063	0.019	--	U R	1.00 - 5.00
5C-00097	10147	Cm-243/244	0	0.002	0.0008	0.0443	U	1.00 - 5.00
5C-00097	10147	Cm-245/246	0.002	0.0018	0.0011	0.0401		1.00 - 5.00
5C-00097	10147	Cm-247/248	0.0019	0.0018	0.0011	0.0306		1.00 - 5.00
5C-00097	10147	Co-60	-0.0041	0.02	0.0059	0.028	U	1.00 - 5.00
5C-00097	10147	Cs-134	0.0019	0.054	0.003	0.0864	U	1.00 - 5.00
5C-00097	10147	Cs-137	-0.0079	0.017	0.0052	0.207	U	1.00 - 5.00
5C-00097	10147	Eu-152	-0.02	0.035	0.011	0.0566	U UL	1.00 - 5.00
5C-00097	10147	Eu-154	-0.031	0.1	0.031	0.15	U	1.00 - 5.00
5C-00097	10147	Eu-155	0.082	0.034	0.014	0.231	J S K	1.00 - 5.00
5C-00097	10147	Ho-166m	0.0047	0.025	0.005	0.0432	U	1.00 - 5.00
5C-00097	10147	K-40	18.6	0.12	0.57	32.4		1.00 - 5.00
5C-00097	10147	Na-22	-0.0072	0.025	0.0074	0.037	U	1.00 - 5.00
5C-00097	10147	Nb-94	0.0039	0.015	0.0044	0.0214	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00097	10147	Np-236	0.0006	0.032	0.0095	0.047	U	1.00 - 5.00
5C-00097	10147	Np-239	-0.002	0.086	0.026	0.139	U	1.00 - 5.00
5C-00097	10147	Pa-231	0.11	0.59	0.18	0.936	U	1.00 - 5.00
5C-00097	10147	Pb-212	1.6	0.023	0.065	2.69		1.00 - 5.00
5C-00097	10147	Pb-214	1.01	0.028	0.035	1.7		1.00 - 5.00
5C-00097	10147	Pu-236	0	0.0046	0.001	7.79	U	1.00 - 5.00
5C-00097	10147	Pu-238	-0.0005	0.0045	0.0009	0.0415	U	1.00 - 5.00
5C-00097	10147	Pu-239/240	0.001	0.0013	0.0007	0.0404	U	1.00 - 5.00
5C-00097	10147	Pu-244	0	0.0013	0.0005	0.0313	U	1.00 - 5.00
5C-00097	10147	Rn-220	1.36	0.023	0.097	--		1.00 - 5.00
5C-00097	10147	Rn-222	0.973	0.024	0.048	--		1.00 - 5.00
5C-00097	10147	Sb-125	0.144	0.042	0.012	0.354	S K	1.00 - 5.00
5C-00097	10147	Sn-126	-0.0025	0.017	0.005	0.0237	U	1.00 - 5.00
5C-00097	10147	Sr-90	0.009	0.049	0.015	0.485	U	1.00 - 5.00
5C-00097	10147	Te-125m	0.0333	0.0096	0.0028	0.0838	S K	1.00 - 5.00
5C-00097	10147	Th-228	1.22	0.013	0.062	3.98	J	1.00 - 5.00
5C-00097	10147	Th-229	0.0105	0.0097	0.004	0.145		1.00 - 5.00
5C-00097	10147	Th-230	1.01	0.003	0.053	2.2	J	1.00 - 5.00
5C-00097	10147	Th-232	1.31	0.008	0.066	3.1	J	1.00 - 5.00
5C-00097	10147	Th-234	1.55	0.15	0.088	3.19	R	1.00 - 5.00
5C-00097	10147	Tl-208	0.493	0.018	0.019	0.937		1.00 - 5.00
5C-00097	10147	Tm-171	0.2	6.3	1.9	72.4	U	1.00 - 5.00
5C-00097	10147	U-233/234	0.827	0.003	0.047	2.02		1.00 - 5.00
5C-00097	10147	U-235/236	0.0317	0.0039	0.0069	0.151		1.00 - 5.00
5C-00097	10147	U-238	0.805	0.003	0.046	1.8		1.00 - 5.00
5C-00098	10150	Ac-227	0.035	0.15	0.038	0.217	U	0.00 - 0.50
5C-00098	10150	Ac-228	1.38	0.091	0.048	2.4		0.00 - 0.50
5C-00098	10150	Ag-108	-0.0007	0.0015	0.0004	--	UJ	0.00 - 0.50
5C-00098	10150	Ag-108m	-0.0078	0.016	0.0048	--	UJ	0.00 - 0.50
5C-00098	10150	Am-241	-0.0046	0.021	0.0052	0.0454	U	0.00 - 0.50
5C-00098	10150	Ba-133	0.0003	0.015	0.0044	--	UJ	0.00 - 0.50
5C-00098	10150	Ba-137m	0.0056	0.017	0.0056	--	U	0.00 - 0.50
5C-00098	10150	Bi-212	1.19	0.17	0.1	2.15		0.00 - 0.50
5C-00098	10150	Bi-214	0.935	0.029	0.034	1.59		0.00 - 0.50
5C-00098	10150	Cd-113m	8	42	13	3030	U	0.00 - 0.50
5C-00098	10150	Cf-249	0.0062	0.056	0.0048	--	U	0.00 - 0.50
5C-00098	10150	Cm-243/244	0	0.003	0.0012	0.0443	U	0.00 - 0.50
5C-00098	10150	Cm-245/246	-0.0014	0.013	0.0027	0.0401	U	0.00 - 0.50
5C-00098	10150	Cm-247/248	-0.0028	0.013	0.0022	0.0306	U	0.00 - 0.50
5C-00098	10150	Co-60	-0.0085	0.023	0.007	0.028	U	0.00 - 0.50
5C-00098	10150	Cs-134	0.0015	0.033	0.0098	0.0864	UJ	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00098	10150	Cs-137	0.0059	0.018	0.0059	0.207	U	0.00 - 0.50
5C-00098	10150	Eu-152	-0.007	0.043	0.013	0.0566	U	0.00 - 0.50
5C-00098	10150	Eu-154	0.008	0.12	0.012	0.15	U	0.00 - 0.50
5C-00098	10150	Eu-155	0.1	0.035	0.014	0.231		0.00 - 0.50
5C-00098	10150	Ho-166m	0.0087	0.028	0.0084	0.0432	U	0.00 - 0.50
5C-00098	10150	K-40	18.4	0.14	0.57	32.4		0.00 - 0.50
5C-00098	10150	Na-22	0.0052	0.022	0.0065	0.037	U	0.00 - 0.50
5C-00098	10150	Nb-94	0.0019	0.016	0.0032	0.0214	U	0.00 - 0.50
5C-00098	10150	Np-236	-0.0097	0.032	0.0097	0.047	U	0.00 - 0.50
5C-00098	10150	Np-239	-0.002	0.093	0.028	0.139	U	0.00 - 0.50
5C-00098	10150	Pa-231	-0.07	0.63	0.19	0.936	U	0.00 - 0.50
5C-00098	10150	Pb-212	1.9	0.028	0.077	2.69		0.00 - 0.50
5C-00098	10150	Pb-214	1.04	0.029	0.036	1.7		0.00 - 0.50
5C-00098	10150	Pu-236	-0.0027	0.015	0.0038	7.79	U	0.00 - 0.50
5C-00098	10150	Pu-238	-0.0005	0.0052	0.0006	0.0415	U	0.00 - 0.50
5C-00098	10150	Pu-239/240	0.0002	0.0073	0.0016	0.0404	U	0.00 - 0.50
5C-00098	10150	Pu-244	0.0035	0.0024	0.0018	0.0313		0.00 - 0.50
5C-00098	10150	Rn-220	1.54	0.03	0.13	--		0.00 - 0.50
5C-00098	10150	Rn-222	0.986	0.029	0.05	--		0.00 - 0.50
5C-00098	10150	Sb-125	0.153	0.05	0.012	0.354		0.00 - 0.50
5C-00098	10150	Sn-126	0.0029	0.018	0.0054	0.0237	U	0.00 - 0.50
5C-00098	10150	Sr-90	-0.008	0.067	0.019	0.485	U	0.00 - 0.50
5C-00098	10150	Te-125m	0.0353	0.012	0.0027	0.0838		0.00 - 0.50
5C-00098	10150	Th-228	1.32	0.01	0.066	3.98		0.00 - 0.50
5C-00098	10150	Th-229	0.0061	0.0033	0.0028	0.145		0.00 - 0.50
5C-00098	10150	Th-230	0.908	0.003	0.048	2.2		0.00 - 0.50
5C-00098	10150	Th-232	1.38	0.007	0.069	3.1		0.00 - 0.50
5C-00098	10150	Th-234	0.713	0.17	0.059	3.19	J R	0.00 - 0.50
5C-00098	10150	Tl-208	0.573	0.022	0.022	0.937		0.00 - 0.50
5C-00098	10150	Tm-171	5.8	6.1	2.3	72.4		0.00 - 0.50
5C-00098	10150	U-233/234	0.725	0.003	0.042	2.02		0.00 - 0.50
5C-00098	10150	U-235/236	0.0353	0.01	0.0075	0.151		0.00 - 0.50
5C-00098	10150	U-238	0.727	0.011	0.042	1.8		0.00 - 0.50
5C-00098	10151	Ac-227	0.03	0.14	0.054	0.217	U	1.00 - 5.00
5C-00098	10151	Ac-228	1.26	0.094	0.045	2.4		1.00 - 5.00
5C-00098	10151	Ag-108	0.0002	0.001	0.0003	--	UJ	1.00 - 5.00
5C-00098	10151	Ag-108m	0.0023	0.011	0.0033	--	UJ	1.00 - 5.00
5C-00098	10151	Am-241	0.0019	0.0069	0.0019	0.0454	U	1.00 - 5.00
5C-00098	10151	Ba-133	-0.0205	0.017	0.0052	--	R	1.00 - 5.00
5C-00098	10151	Ba-137m	0.0076	0.0099	0.0037	--		1.00 - 5.00
5C-00098	10151	Bi-212	0.959	0.14	0.078	2.15		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00098	10151	Bi-214	0.956	0.028	0.034	1.59		1.00 - 5.00
5C-00098	10151	Cd-113m	-0.3	40	12	3030	U	1.00 - 5.00
5C-00098	10151	Cf-249	0.0086	0.045	0.0053	--	U	1.00 - 5.00
5C-00098	10151	Cm-243/244	0	0.0068	0.0014	0.0443	U	1.00 - 5.00
5C-00098	10151	Cm-245/246	0	0.0081	0.0017	0.0401	U	1.00 - 5.00
5C-00098	10151	Cm-247/248	0.0011	0.0079	0.0019	0.0306	U	1.00 - 5.00
5C-00098	10151	Co-60	0.0053	0.018	0.0043	0.028	U	1.00 - 5.00
5C-00098	10151	Cs-134	0.0017	0.032	0.0063	0.0864	U	1.00 - 5.00
5C-00098	10151	Cs-137	0.0081	0.011	0.0039	0.207		1.00 - 5.00
5C-00098	10151	Eu-152	0.0015	0.039	0.0008	0.0566	U	1.00 - 5.00
5C-00098	10151	Eu-154	0.041	0.084	0.026	0.15		1.00 - 5.00
5C-00098	10151	Eu-155	0.065	0.034	0.013	0.231		1.00 - 5.00
5C-00098	10151	Ho-166m	0.0091	0.023	0.0054	0.0432	U	1.00 - 5.00
5C-00098	10151	K-40	19	0.12	0.58	32.4		1.00 - 5.00
5C-00098	10151	Na-22	-0.0023	0.024	0.007	0.037	U	1.00 - 5.00
5C-00098	10151	Nb-94	0.006	0.015	0.0044	0.0214	U	1.00 - 5.00
5C-00098	10151	Np-236	0.0018	0.031	0.0095	0.047	U	1.00 - 5.00
5C-00098	10151	Np-239	0	0.085	0.019	0.139	U	1.00 - 5.00
5C-00098	10151	Pa-231	0.19	0.59	0.18	0.936	U	1.00 - 5.00
5C-00098	10151	Pb-212	1.65	0.025	0.067	2.69	J	1.00 - 5.00
5C-00098	10151	Pb-214	1.05	0.025	0.035	1.7		1.00 - 5.00
5C-00098	10151	Pu-236	-0.0028	0.0089	0.002	7.79	U	1.00 - 5.00
5C-00098	10151	Pu-238	0	0.0052	0.0012	0.0415	U	1.00 - 5.00
5C-00098	10151	Pu-239/240	-0.0017	0.006	0.0011	0.0404	U	1.00 - 5.00
5C-00098	10151	Pu-244	0.0033	0.0015	0.0014	0.0313		1.00 - 5.00
5C-00098	10151	Rn-220	1.3	0.02	0.1	--		1.00 - 5.00
5C-00098	10151	Rn-222	1	0.025	0.049	--		1.00 - 5.00
5C-00098	10151	Sb-125	0.157	0.038	0.012	0.354	J	1.00 - 5.00
5C-00098	10151	Sn-126	0.0042	0.015	0.0045	0.0237	U	1.00 - 5.00
5C-00098	10151	Sr-90	-0.002	0.039	0.011	0.485	U	1.00 - 5.00
5C-00098	10151	Te-125m	0.0362	0.0089	0.0029	0.0838	J	1.00 - 5.00
5C-00098	10151	Th-228	1.15	0.025	0.062	3.98		1.00 - 5.00
5C-00098	10151	Th-229	0.0067	0.0099	0.0036	0.145		1.00 - 5.00
5C-00098	10151	Th-230	0.971	0.012	0.054	2.2		1.00 - 5.00
5C-00098	10151	Th-232	1.25	0.009	0.066	3.1		1.00 - 5.00
5C-00098	10151	Th-234	1.63	0.15	0.087	3.19	J R	1.00 - 5.00
5C-00098	10151	Tl-208	0.523	0.018	0.02	0.937		1.00 - 5.00
5C-00098	10151	Tm-171	-2.6	6.2	1.9	72.4	UJ	1.00 - 5.00
5C-00098	10151	U-233/234	0.791	0.006	0.042	2.02		1.00 - 5.00
5C-00098	10151	U-235/236	0.0536	0.0028	0.0078	0.151		1.00 - 5.00
5C-00098	10151	U-238	0.808	0.002	0.043	1.8		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00099	10152	Ac-227	0.037	0.15	0.052	0.217	U	0.00 - 0.50
5C-00099	10152	Ac-228	1.1	0.11	0.047	2.4		0.00 - 0.50
5C-00099	10152	Ag-108	0.0004	0.0011	0.0003	--	U R	0.00 - 0.50
5C-00099	10152	Ag-108m	0.0044	0.011	0.0034	--	U R	0.00 - 0.50
5C-00099	10152	Am-241	0.0021	0.0075	0.0021	0.0454	U	0.00 - 0.50
5C-00099	10152	Ba-133	-0.0259	0.02	0.0063	--	R U	0.00 - 0.50
5C-00099	10152	Ba-137m	0.0259	0.012	0.0055	--		0.00 - 0.50
5C-00099	10152	Bi-212	1.04	0.15	0.09	2.15		0.00 - 0.50
5C-00099	10152	Bi-214	0.884	0.022	0.03	1.59		0.00 - 0.50
5C-00099	10152	Cd-113m	1	42	13	3030	U	0.00 - 0.50
5C-00099	10152	Cf-249	0.0051	0.066	0.0041	--	U R	0.00 - 0.50
5C-00099	10152	Cm-243/244	-0.006	0.017	0.0038	0.0443	U	0.00 - 0.50
5C-00099	10152	Cm-245/246	0.0015	0.004	0.0015	0.0401	U J	0.00 - 0.50
5C-00099	10152	Cm-247/248	0	0.004	0.0013	0.0306	U J	0.00 - 0.50
5C-00099	10152	Co-60	0.0047	0.02	0.0054	0.028	U	0.00 - 0.50
5C-00099	10152	Cs-134	0.0076	0.052	0.0082	0.0864	U	0.00 - 0.50
5C-00099	10152	Cs-137	0.0274	0.013	0.0058	0.207		0.00 - 0.50
5C-00099	10152	Eu-152	-0.007	0.039	0.012	0.0566	U	0.00 - 0.50
5C-00099	10152	Eu-154	0.011	0.1	0.015	0.15	U	0.00 - 0.50
5C-00099	10152	Eu-155	0.078	0.033	0.013	0.231	S K	0.00 - 0.50
5C-00099	10152	Ho-166m	0.0071	0.02	0.0071	0.0432	U	0.00 - 0.50
5C-00099	10152	K-40	20.7	0.14	0.63	32.4		0.00 - 0.50
5C-00099	10152	Na-22	-0.001	0.025	0.0075	0.037	U	0.00 - 0.50
5C-00099	10152	Nb-94	0.0064	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00099	10152	Np-236	-0.0099	0.032	0.0095	0.047	U	0.00 - 0.50
5C-00099	10152	Np-239	-0.034	0.09	0.027	0.139	U	0.00 - 0.50
5C-00099	10152	Pa-231	-0.19	0.53	0.16	0.936	U	0.00 - 0.50
5C-00099	10152	Pb-212	1.5	0.028	0.062	2.69		0.00 - 0.50
5C-00099	10152	Pb-214	0.983	0.021	0.032	1.7		0.00 - 0.50
5C-00099	10152	Pu-236	-0.004	0.014	0.0037	7.79	U	0.00 - 0.50
5C-00099	10152	Pu-238	0.0027	0.0072	0.0022	0.0415		0.00 - 0.50
5C-00099	10152	Pu-239/240	0.0034	0.0049	0.0018	0.0404		0.00 - 0.50
5C-00099	10152	Pu-244	0.0027	0.0018	0.0013	0.0313		0.00 - 0.50
5C-00099	10152	Rn-220	1.27	0.03	0.11	--		0.00 - 0.50
5C-00099	10152	Rn-222	0.934	0.021	0.044	--		0.00 - 0.50
5C-00099	10152	Sb-125	0.139	0.046	0.011	0.354	S K	0.00 - 0.50
5C-00099	10152	Sn-126	0	0.017	0.0037	0.0237	U	0.00 - 0.50
5C-00099	10152	Sr-90	-0.0009	0.067	0.019	0.485	U	0.00 - 0.50
5C-00099	10152	Te-125m	0.0322	0.011	0.0026	0.0838	S K	0.00 - 0.50
5C-00099	10152	Th-228	1.26	0.002	0.063	3.98	J	0.00 - 0.50
5C-00099	10152	Th-229	0.0056	0.0068	0.0027	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00099	10152	Th-230	0.891	0.002	0.047	2.2	J	0.00 - 0.50
5C-00099	10152	Th-232	1.26	0.002	0.062	3.1	J	0.00 - 0.50
5C-00099	10152	Th-234	0.547	0.15	0.051	3.19	R	0.00 - 0.50
5C-00099	10152	Tl-208	0.486	0.02	0.02	0.937		0.00 - 0.50
5C-00099	10152	Tm-171	-2.8	6.3	1.9	72.4	U	0.00 - 0.50
5C-00099	10152	U-233/234	0.803	0.003	0.046	2.02		0.00 - 0.50
5C-00099	10152	U-235/236	0.032	0.011	0.0073	0.151		0.00 - 0.50
5C-00099	10152	U-238	0.801	0.003	0.045	1.8		0.00 - 0.50
5C-00099	10153	Ac-227	0.145	0.11	0.04	0.217		1.00 - 5.00
5C-00099	10153	Ac-228	1.34	0.11	0.049	2.4		1.00 - 5.00
5C-00099	10153	Ag-108	-0.002	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00099	10153	Ag-108m	-0.0215	0.017	0.0052	--	R U	1.00 - 5.00
5C-00099	10153	Am-241	-0.0021	0.013	0.0028	0.0454	U J	1.00 - 5.00
5C-00099	10153	Ba-133	-0.0242	0.02	0.0063	--	R U	1.00 - 5.00
5C-00099	10153	Ba-137m	0.0047	0.017	0.0053	--	U	1.00 - 5.00
5C-00099	10153	Bi-212	1.24	0.13	0.083	2.15		1.00 - 5.00
5C-00099	10153	Bi-214	1.06	0.027	0.037	1.59	R	1.00 - 5.00
5C-00099	10153	Cd-113m	2	45	14	3030	U	1.00 - 5.00
5C-00099	10153	Cf-249	0.0064	0.068	0.0057	--	U R	1.00 - 5.00
5C-00099	10153	Cm-243/244	0.0021	0.0075	0.0021	0.0443	U J	1.00 - 5.00
5C-00099	10153	Cm-245/246	-0.0009	0.011	0.0025	0.0401	U J	1.00 - 5.00
5C-00099	10153	Cm-247/248	-0.0009	0.0064	0.001	0.0306	U J	1.00 - 5.00
5C-00099	10153	Co-60	0.0009	0.02	0.0059	0.028	U	1.00 - 5.00
5C-00099	10153	Cs-134	0.0065	0.061	0.0028	0.0864	U	1.00 - 5.00
5C-00099	10153	Cs-137	0.005	0.018	0.0056	0.207	U	1.00 - 5.00
5C-00099	10153	Eu-152	0.0016	0.041	0.0013	0.0566	U	1.00 - 5.00
5C-00099	10153	Eu-154	0.019	0.11	0.013	0.15	U J	1.00 - 5.00
5C-00099	10153	Eu-155	0.102	0.039	0.016	0.231	S K	1.00 - 5.00
5C-00099	10153	Ho-166m	0.0329	0.026	0.0054	0.0432	S K	1.00 - 5.00
5C-00099	10153	K-40	20.8	0.17	0.64	32.4		1.00 - 5.00
5C-00099	10153	Na-22	0.0001	0.025	0.0074	0.037	U	1.00 - 5.00
5C-00099	10153	Nb-94	0.0152	0.013	0.0039	0.0214	S K	1.00 - 5.00
5C-00099	10153	Np-236	-0.0007	0.03	0.0091	0.047	U	1.00 - 5.00
5C-00099	10153	Np-239	-0.005	0.093	0.028	0.139	U	1.00 - 5.00
5C-00099	10153	Pa-231	-0.03	0.65	0.19	0.936	U	1.00 - 5.00
5C-00099	10153	Pb-212	1.66	0.025	0.051	2.69		1.00 - 5.00
5C-00099	10153	Pb-214	1.16	0.031	0.049	1.7		1.00 - 5.00
5C-00099	10153	Pu-236	-0.0014	0.0058	0.0012	7.79	U	1.00 - 5.00
5C-00099	10153	Pu-238	0	0.0044	0.001	0.0415	U	1.00 - 5.00
5C-00099	10153	Pu-239/240	0	0.0013	0.0005	0.0404	U	1.00 - 5.00
5C-00099	10153	Pu-244	0.0009	0.0013	0.0007	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00099	10153	Rn-220	1.45	0.025	0.098	--		1.00 - 5.00
5C-00099	10153	Rn-222	1.11	0.027	0.062	--		1.00 - 5.00
5C-00099	10153	Sb-125	0.131	0.047	0.011	0.354	S K	1.00 - 5.00
5C-00099	10153	Sn-126	0.0007	0.018	0.0055	0.0237	U	1.00 - 5.00
5C-00099	10153	Sr-90	-0.009	0.058	0.016	0.485	U	1.00 - 5.00
5C-00099	10153	Te-125m	0.0302	0.011	0.0027	0.0838	S K	1.00 - 5.00
5C-00099	10153	Th-228	1.21	0.015	0.061	3.98		1.00 - 5.00
5C-00099	10153	Th-229	0.0077	0.0035	0.0031	0.145		1.00 - 5.00
5C-00099	10153	Th-230	0.967	0.009	0.051	2.2		1.00 - 5.00
5C-00099	10153	Th-232	1.22	0.003	0.062	3.1		1.00 - 5.00
5C-00099	10153	Th-234	1.1	0.21	0.076	3.19	R	1.00 - 5.00
5C-00099	10153	Tl-208	0.544	0.021	0.021	0.937	J	1.00 - 5.00
5C-00099	10153	Tm-171	-5.5	6	1.9	72.4	L U	1.00 - 5.00
5C-00099	10153	U-233/234	0.991	0.003	0.053	2.02		1.00 - 5.00
5C-00099	10153	U-235/236	0.0432	0.01	0.0082	0.151		1.00 - 5.00
5C-00099	10153	U-238	0.961	0.003	0.052	1.8		1.00 - 5.00
5C-00100	10154	Ac-227	0.044	0.11	0.012	0.217	U	0.00 - 0.50
5C-00100	10154	Ac-228	1.24	0.055	0.04	2.4		0.00 - 0.50
5C-00100	10154	Ag-108	-0.0034	0.0012	0.0004	--	R	0.00 - 0.50
5C-00100	10154	Ag-108m	-0.0363	0.013	0.0043	--	R	0.00 - 0.50
5C-00100	10154	Am-241	-0.001	0.0088	0.0018	0.0454	U	0.00 - 0.50
5C-00100	10154	Ba-133	-0.0185	0.015	0.0045	--	R	0.00 - 0.50
5C-00100	10154	Ba-137m	0.0115	0.012	0.0037	--		0.00 - 0.50
5C-00100	10154	Bi-212	0.942	0.11	0.07	2.15		0.00 - 0.50
5C-00100	10154	Bi-214	0.901	0.021	0.03	1.59		0.00 - 0.50
5C-00100	10154	Cd-113m	-1	24	7.2	3030	U	0.00 - 0.50
5C-00100	10154	Cf-249	0	0.052	0.016	--	U	0.00 - 0.50
5C-00100	10154	Cm-243/244	0	0.0025	0.001	0.0443	U	0.00 - 0.50
5C-00100	10154	Cm-245/246	0.0046	0.0042	0.0027	0.0401		0.00 - 0.50
5C-00100	10154	Cm-245/246	0.0059	0.0027	0.0024	0.0401		0.00 - 0.50
5C-00100	10154	Cm-247/248	0.003	0.0041	0.0021	0.0306	U	0.00 - 0.50
5C-00100	10154	Cm-247/248	0.001	0.0071	0.0017	0.0306	U	0.00 - 0.50
5C-00100	10154	Co-60	0	0.014	0.0038	0.028	U	0.00 - 0.50
5C-00100	10154	Cs-134	0.0194	0.0074	0.0026	0.0864	J	0.00 - 0.50
5C-00100	10154	Cs-137	0.0122	0.013	0.0039	0.207		0.00 - 0.50
5C-00100	10154	Eu-152	0.0229	0.03	0.0095	0.0566		0.00 - 0.50
5C-00100	10154	Eu-154	-0.032	0.078	0.024	0.15	U	0.00 - 0.50
5C-00100	10154	Eu-155	0.081	0.03	0.013	0.231		0.00 - 0.50
5C-00100	10154	Ho-166m	0.0062	0.019	0.0037	0.0432	U	0.00 - 0.50
5C-00100	10154	K-40	21.3	0.13	0.63	32.4		0.00 - 0.50
5C-00100	10154	Na-22	0.0025	0.019	0.0056	0.037	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00100	10154	Nb-94	0.0041	0.011	0.0033	0.0214	U	0.00 - 0.50
5C-00100	10154	Np-236	-0.0062	0.027	0.0081	0.047	U	0.00 - 0.50
5C-00100	10154	Np-239	0.016	0.072	0.022	0.139	U	0.00 - 0.50
5C-00100	10154	Pa-231	-0.025	0.48	0.046	0.936	U	0.00 - 0.50
5C-00100	10154	Pb-212	1.58	0.021	0.064	2.69		0.00 - 0.50
5C-00100	10154	Pb-214	1.05	0.022	0.035	1.7		0.00 - 0.50
5C-00100	10154	Pu-236	0.0003	0.0052	0.001	7.79	U	0.00 - 0.50
5C-00100	10154	Pu-238	-0.0005	0.0051	0.0006	0.0415	U	0.00 - 0.50
5C-00100	10154	Pu-239/240	0.0026	0.0023	0.0015	0.0404		0.00 - 0.50
5C-00100	10154	Pu-244	0.0009	0.0023	0.0009	0.0313	U	0.00 - 0.50
5C-00100	10154	Rn-220	1.26	0.021	0.094	--		0.00 - 0.50
5C-00100	10154	Rn-222	0.974	0.021	0.046	--		0.00 - 0.50
5C-00100	10154	Sb-125	0.149	0.032	0.01	0.354		0.00 - 0.50
5C-00100	10154	Sn-126	0.0012	0.01	0.0031	0.0237	U	0.00 - 0.50
5C-00100	10154	Sr-90	0.01	0.062	0.018	0.485	U	0.00 - 0.50
5C-00100	10154	Te-125m	0.0345	0.0075	0.0023	0.0838		0.00 - 0.50
5C-00100	10154	Th-228	1.51	0.021	0.076	3.98		0.00 - 0.50
5C-00100	10154	Th-229	0.0089	0.0034	0.0034	0.145		0.00 - 0.50
5C-00100	10154	Th-230	1.11	0.003	0.059	2.2		0.00 - 0.50
5C-00100	10154	Th-232	1.37	0.003	0.07	3.1		0.00 - 0.50
5C-00100	10154	Th-234	1.48	0.13	0.078	3.19	J R	0.00 - 0.50
5C-00100	10154	Tl-208	0.475	0.011	0.016	0.937		0.00 - 0.50
5C-00100	10154	Tm-171	-2.1	5.5	1.7	72.4	U	0.00 - 0.50
5C-00100	10154	U-233/234	0.982	0.012	0.055	2.02		0.00 - 0.50
5C-00100	10154	U-235/236	0.0573	0.0044	0.01	0.151		0.00 - 0.50
5C-00100	10154	U-238	0.988	0.004	0.055	1.8		0.00 - 0.50
5C-00100	10155	Ac-227	0.017	0.15	0.043	0.217	U	1.00 - 5.00
5C-00100	10155	Ac-228	1.18	0.095	0.044	2.4		1.00 - 5.00
5C-00100	10155	Ag-108	-0.0017	0.0015	0.0005	--	R U	1.00 - 5.00
5C-00100	10155	Ag-108m	-0.0178	0.016	0.0049	--	R U	1.00 - 5.00
5C-00100	10155	Am-241	0.0008	0.0055	0.0014	0.0454	U	1.00 - 5.00
5C-00100	10155	Ba-133	-0.0226	0.019	0.006	--	R U	1.00 - 5.00
5C-00100	10155	Ba-137m	0.0002	0.016	0.0047	--	U	1.00 - 5.00
5C-00100	10155	Bi-212	1.02	0.13	0.079	2.15		1.00 - 5.00
5C-00100	10155	Bi-214	0.958	0.027	0.035	1.59		1.00 - 5.00
5C-00100	10155	Cd-113m	0.9	43	13	3030	U	1.00 - 5.00
5C-00100	10155	Cf-249	0.027	0.053	0.016	--	R	1.00 - 5.00
5C-00100	10155	Cm-243/244	0	0.0054	0.0011	0.0443	U	1.00 - 5.00
5C-00100	10155	Cm-245/246	0.0083	0.0087	0.0036	0.0401	J	1.00 - 5.00
5C-00100	10155	Cm-247/248	0	0.0086	0.0017	0.0306	U J	1.00 - 5.00
5C-00100	10155	Co-60	-0.0008	0.02	0.0058	0.028	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00100	10155	Cs-134	0.002	0.056	0.017	0.0864	U	1.00 - 5.00
5C-00100	10155	Cs-137	0.0002	0.017	0.005	0.207	U	1.00 - 5.00
5C-00100	10155	Eu-152	0.014	0.033	0.013	0.0566	U	1.00 - 5.00
5C-00100	10155	Eu-154	-0.057	0.11	0.034	0.15	U UL	1.00 - 5.00
5C-00100	10155	Eu-155	0.076	0.033	0.013	0.231	J S K	1.00 - 5.00
5C-00100	10155	Ho-166m	0.0045	0.026	0.0043	0.0432	U	1.00 - 5.00
5C-00100	10155	K-40	19.1	0.13	0.58	32.4		1.00 - 5.00
5C-00100	10155	Na-22	-0.0078	0.026	0.0079	0.037	U	1.00 - 5.00
5C-00100	10155	Nb-94	0.0028	0.015	0.0045	0.0214	U	1.00 - 5.00
5C-00100	10155	Np-236	0.0021	0.029	0.0089	0.047	U	1.00 - 5.00
5C-00100	10155	Np-239	-0.014	0.09	0.027	0.139	U	1.00 - 5.00
5C-00100	10155	Pa-231	-0.15	0.57	0.17	0.936	U	1.00 - 5.00
5C-00100	10155	Pb-212	1.54	0.024	0.063	2.69		1.00 - 5.00
5C-00100	10155	Pb-214	1.04	0.028	0.036	1.7		1.00 - 5.00
5C-00100	10155	Pu-236	0.0011	0.0014	0.0007	7.79	U	1.00 - 5.00
5C-00100	10155	Pu-238	-0.001	0.0048	0.0008	0.0415	U	1.00 - 5.00
5C-00100	10155	Pu-239/240	0.001	0.0014	0.0007	0.0404	U	1.00 - 5.00
5C-00100	10155	Pu-244	0.0005	0.0014	0.0005	0.0313	U	1.00 - 5.00
5C-00100	10155	Rn-220	1.28	0.02	0.1	--		1.00 - 5.00
5C-00100	10155	Rn-222	0.997	0.027	0.05	--		1.00 - 5.00
5C-00100	10155	Sb-125	0.106	0.042	0.0092	0.354	S K	1.00 - 5.00
5C-00100	10155	Sn-126	0.0008	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00100	10155	Sr-90	-0.002	0.06	0.017	0.485	U	1.00 - 5.00
5C-00100	10155	Te-125m	0.0245	0.0097	0.0021	0.0838	S K	1.00 - 5.00
5C-00100	10155	Th-228	1.42	0.038	0.075	3.98	J	1.00 - 5.00
5C-00100	10155	Th-229	0.0032	0.017	0.0048	0.145	U	1.00 - 5.00
5C-00100	10155	Th-230	1.28	0.004	0.069	2.2	J	1.00 - 5.00
5C-00100	10155	Th-232	1.35	0.004	0.072	3.1	J	1.00 - 5.00
5C-00100	10155	Th-234	1.6	0.15	0.089	3.19	R	1.00 - 5.00
5C-00100	10155	Tl-208	0.454	0.018	0.018	0.937		1.00 - 5.00
5C-00100	10155	Tm-171	-2.2	6.2	1.9	72.4	U	1.00 - 5.00
5C-00100	10155	U-233/234	0.846	0.007	0.046	2.02		1.00 - 5.00
5C-00100	10155	U-235/236	0.0378	0.009	0.0072	0.151		1.00 - 5.00
5C-00100	10155	U-238	0.749	0.007	0.042	1.8		1.00 - 5.00
5C-00101	10156	Ac-227	0.0021	0.14	0.0033	0.217	U	0.00 - 0.50
5C-00101	10156	Ac-228	1.18	0.1	0.043	2.4		0.00 - 0.50
5C-00101	10156	Ag-108	-0.0006	0.0012	0.0004	--	U R	0.00 - 0.50
5C-00101	10156	Ag-108m	-0.0064	0.012	0.0038	--	U R	0.00 - 0.50
5C-00101	10156	Am-241	0.0042	0.0062	0.0023	0.0454		0.00 - 0.50
5C-00101	10156	Ba-133	-0.0368	0.019	0.006	--	R U	0.00 - 0.50
5C-00101	10156	Ba-137m	0.0198	0.011	0.0047	--		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00101	10156	Bi-212	0.892	0.13	0.073	2.15		0.00 - 0.50
5C-00101	10156	Bi-214	0.952	0.027	0.034	1.59		0.00 - 0.50
5C-00101	10156	Cd-113m	-4	40	12	3030	U	0.00 - 0.50
5C-00101	10156	Cf-249	-0.015	0.066	0.02	--	U R	0.00 - 0.50
5C-00101	10156	Cm-243/244	-0.0008	0.014	0.0036	0.0443	U	0.00 - 0.50
5C-00101	10156	Cm-245/246	0.0019	0.0081	0.0021	0.0401	U J	0.00 - 0.50
5C-00101	10156	Cm-247/248	0.0013	0.0036	0.0013	0.0306	U J	0.00 - 0.50
5C-00101	10156	Co-60	0.0002	0.02	0.006	0.028	U	0.00 - 0.50
5C-00101	10156	Cs-134	0.0018	0.032	0.0096	0.0864	U	0.00 - 0.50
5C-00101	10156	Cs-137	0.0209	0.012	0.0049	0.207		0.00 - 0.50
5C-00101	10156	Eu-152	0.0032	0.038	0.0026	0.0566	U	0.00 - 0.50
5C-00101	10156	Eu-154	0.011	0.099	0.03	0.15	U	0.00 - 0.50
5C-00101	10156	Eu-155	0.0098	0.032	0.0097	0.231	U	0.00 - 0.50
5C-00101	10156	Ho-166m	0.006	0.024	0.0042	0.0432	U	0.00 - 0.50
5C-00101	10156	K-40	19.8	0.12	0.6	32.4		0.00 - 0.50
5C-00101	10156	Na-22	-0.0073	0.024	0.0073	0.037	U	0.00 - 0.50
5C-00101	10156	Nb-94	0.0081	0.014	0.0043	0.0214	S K	0.00 - 0.50
5C-00101	10156	Np-236	-0.0001	0.031	0.0094	0.047	U	0.00 - 0.50
5C-00101	10156	Np-239	0	0.084	0.015	0.139	U	0.00 - 0.50
5C-00101	10156	Pa-231	0.13	0.58	0.13	0.936	U	0.00 - 0.50
5C-00101	10156	Pb-212	1.43	0.029	0.059	2.69		0.00 - 0.50
5C-00101	10156	Pb-214	1	0.028	0.035	1.7		0.00 - 0.50
5C-00101	10156	Pu-236	-0.0012	0.0057	0.001	7.79	U	0.00 - 0.50
5C-00101	10156	Pu-238	-0.0018	0.0074	0.0015	0.0415	U	0.00 - 0.50
5C-00101	10156	Pu-239/240	0	0.0046	0.0009	0.0404	U	0.00 - 0.50
5C-00101	10156	Pu-244	0.0037	0.0017	0.0015	0.0313		0.00 - 0.50
5C-00101	10156	Rn-220	1.16	0.029	0.094	--		0.00 - 0.50
5C-00101	10156	Rn-222	0.978	0.027	0.049	--		0.00 - 0.50
5C-00101	10156	Sb-125	0.111	0.043	0.01	0.354	S K	0.00 - 0.50
5C-00101	10156	Sn-126	0.0002	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00101	10156	Sr-90	-0.01	0.069	0.02	0.485	U	0.00 - 0.50
5C-00101	10156	Te-125m	0.0256	0.01	0.0024	0.0838	S K	0.00 - 0.50
5C-00101	10156	Th-228	1.27	0.013	0.063	3.98	J	0.00 - 0.50
5C-00101	10156	Th-229	0.007	0.0027	0.0027	0.145		0.00 - 0.50
5C-00101	10156	Th-230	0.971	0.008	0.05	2.2	J	0.00 - 0.50
5C-00101	10156	Th-232	1.21	0.009	0.06	3.1	J	0.00 - 0.50
5C-00101	10156	Th-234	1.47	0.15	0.084	3.19	R	0.00 - 0.50
5C-00101	10156	Tl-208	0.47	0.016	0.017	0.937		0.00 - 0.50
5C-00101	10156	Tm-171	2.7	6.2	1.9	72.4	U	0.00 - 0.50
5C-00101	10156	U-233/234	0.985	0.016	0.055	2.02		0.00 - 0.50
5C-00101	10156	U-235/236	0.0453	0.0044	0.0088	0.151		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00101	10156	U-238	0.93	0.012	0.052	1.8		0.00 - 0.50
5C-00101	10157	Ac-227	0.003	0.15	0.044	0.217	U	1.00 - 5.00
5C-00101	10157	Ac-228	1.29	0.096	0.046	2.4		1.00 - 5.00
5C-00101	10157	Ag-108	-0.0021	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00101	10157	Ag-108m	-0.023	0.015	0.0047	--	R U	1.00 - 5.00
5C-00101	10157	Am-241	-0.0015	0.0081	0.0016	0.0454	U	1.00 - 5.00
5C-00101	10157	Ba-133	-0.1	0.023	0.008	--	R U	1.00 - 5.00
5C-00101	10157	Ba-137m	-0.0018	0.014	0.0042	--	U	1.00 - 5.00
5C-00101	10157	Bi-212	1.1	0.12	0.076	2.15		1.00 - 5.00
5C-00101	10157	Bi-214	1.08	0.024	0.036	1.59		1.00 - 5.00
5C-00101	10157	Cd-113m	11	38	12	3030	U	1.00 - 5.00
5C-00101	10157	Cf-249	0.0135	0.06	0.0052	--	U R	1.00 - 5.00
5C-00101	10157	Cm-243/244	0	0.002	0.0008	0.0443	U	1.00 - 5.00
5C-00101	10157	Cm-245/246	0.0064	0.0086	0.0031	0.0401	J	1.00 - 5.00
5C-00101	10157	Cm-247/248	-0.0009	0.0067	0.001	0.0306	U J	1.00 - 5.00
5C-00101	10157	Co-60	0.0058	0.018	0.0045	0.028	U	1.00 - 5.00
5C-00101	10157	Cs-134	0.0205	0.056	0.0067	0.0864	U	1.00 - 5.00
5C-00101	10157	Cs-137	-0.0019	0.015	0.0045	0.207	U	1.00 - 5.00
5C-00101	10157	Eu-152	-0.012	0.04	0.012	0.0566	U	1.00 - 5.00
5C-00101	10157	Eu-154	0.0047	0.099	0.0039	0.15	U	1.00 - 5.00
5C-00101	10157	Eu-155	0.092	0.034	0.014	0.231	J S K	1.00 - 5.00
5C-00101	10157	Ho-166m	0.0043	0.025	0.0045	0.0432	U	1.00 - 5.00
5C-00101	10157	K-40	18.3	0.13	0.56	32.4		1.00 - 5.00
5C-00101	10157	Na-22	0.0074	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00101	10157	Nb-94	0.0058	0.014	0.0042	0.0214	U	1.00 - 5.00
5C-00101	10157	Np-236	-0.0106	0.031	0.0094	0.047	U	1.00 - 5.00
5C-00101	10157	Np-239	0.009	0.085	0.026	0.139	U	1.00 - 5.00
5C-00101	10157	Pa-231	0.14	0.54	0.16	0.936	U	1.00 - 5.00
5C-00101	10157	Pb-212	1.6	0.024	0.065	2.69		1.00 - 5.00
5C-00101	10157	Pb-214	1.18	0.028	0.04	1.7		1.00 - 5.00
5C-00101	10157	Pu-236	-0.0016	0.0063	0.0013	7.79	U	1.00 - 5.00
5C-00101	10157	Pu-238	0	0.0048	0.0011	0.0415	U	1.00 - 5.00
5C-00101	10157	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00101	10157	Pu-244	0.0015	0.0038	0.0012	0.0313		1.00 - 5.00
5C-00101	10157	Rn-220	1.35	0.02	0.1	--		1.00 - 5.00
5C-00101	10157	Rn-222	1.13	0.024	0.054	--		1.00 - 5.00
5C-00101	10157	Sb-125	0.123	0.039	0.01	0.354	S K	1.00 - 5.00
5C-00101	10157	Sn-126	0.0027	0.016	0.0049	0.0237	U	1.00 - 5.00
5C-00101	10157	Sr-90	-0.023	0.053	0.015	0.485	U	1.00 - 5.00
5C-00101	10157	Te-125m	0.0283	0.0091	0.0024	0.0838	S K	1.00 - 5.00
5C-00101	10157	Th-228	1.44	0.017	0.075	3.98	J	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00101	10157	Th-229	0.0097	0.0033	0.0035	0.145		1.00 - 5.00
5C-00101	10157	Th-230	1.19	0.013	0.065	2.2	J	1.00 - 5.00
5C-00101	10157	Th-232	1.4	0.004	0.074	3.1	J	1.00 - 5.00
5C-00101	10157	Th-234	1.7	0.15	0.091	3.19	R	1.00 - 5.00
5C-00101	10157	Tl-208	0.492	0.018	0.019	0.937		1.00 - 5.00
5C-00101	10157	Tm-171	-5.2	5.4	1.7	72.4	R U	1.00 - 5.00
5C-00101	10157	U-233/234	1.09	0.003	0.058	2.02		1.00 - 5.00
5C-00101	10157	U-235/236	0.0538	0.0038	0.009	0.151		1.00 - 5.00
5C-00101	10157	U-238	1.07	0.008	0.057	1.8		1.00 - 5.00
5C-00102	10158	Ac-227	0.064	0.11	0.014	0.217		1.00 - 5.00
5C-00102	10158	Ac-228	1.26	0.052	0.041	2.4		1.00 - 5.00
5C-00102	10158	Ag-108	0.0003	0.0006	0.0002	--	J	1.00 - 5.00
5C-00102	10158	Ag-108m	0.0033	0.0062	0.0019	--	J	1.00 - 5.00
5C-00102	10158	Am-241	0.002	0.011	0.003	0.0454	U	1.00 - 5.00
5C-00102	10158	Ba-133	-0.0186	0.013	0.0041	--	R	1.00 - 5.00
5C-00102	10158	Ba-137m	-0.0037	0.011	0.0034	--	U	1.00 - 5.00
5C-00102	10158	Bi-212	1.02	0.1	0.066	2.15		1.00 - 5.00
5C-00102	10158	Bi-214	0.798	0.02	0.027	1.59		1.00 - 5.00
5C-00102	10158	Cd-113m	7.5	31	9.4	3030	U	1.00 - 5.00
5C-00102	10158	Cf-249	-0.003	0.05	0.015	--	U	1.00 - 5.00
5C-00102	10158	Cm-243/244	0.001	0.0027	0.001	0.0443	U	1.00 - 5.00
5C-00102	10158	Cm-245/246	0	0.0031	0.0013	0.0401	U	1.00 - 5.00
5C-00102	10158	Cm-247/248	-0.0011	0.0082	0.0013	0.0306	U	1.00 - 5.00
5C-00102	10158	Co-60	0.0003	0.013	0.0006	0.028	U	1.00 - 5.00
5C-00102	10158	Cs-134	0.013	0.035	0.0033	0.0864	U	1.00 - 5.00
5C-00102	10158	Cs-137	-0.0039	0.012	0.0036	0.207	U	1.00 - 5.00
5C-00102	10158	Eu-152	0.0108	0.028	0.009	0.0566	U	1.00 - 5.00
5C-00102	10158	Eu-154	0.013	0.071	0.018	0.15	U	1.00 - 5.00
5C-00102	10158	Eu-155	0.058	0.027	0.011	0.231		1.00 - 5.00
5C-00102	10158	Ho-166m	0.01	0.019	0.0052	0.0432		1.00 - 5.00
5C-00102	10158	K-40	18.8	0.11	0.56	32.4		1.00 - 5.00
5C-00102	10158	Na-22	-0.0002	0.015	0.0046	0.037	U	1.00 - 5.00
5C-00102	10158	Nb-94	0.0001	0.0098	0.0029	0.0214	U	1.00 - 5.00
5C-00102	10158	Np-236	0.0001	0.023	0.0068	0.047	U	1.00 - 5.00
5C-00102	10158	Np-239	0.014	0.067	0.02	0.139	U	1.00 - 5.00
5C-00102	10158	Pa-231	0.005	0.45	0.14	0.936	U	1.00 - 5.00
5C-00102	10158	Pb-212	1.67	0.019	0.067	2.69	J	1.00 - 5.00
5C-00102	10158	Pb-214	0.924	0.022	0.031	1.7		1.00 - 5.00
5C-00102	10158	Pu-236	-0.0038	0.0099	0.0023	7.79	U	1.00 - 5.00
5C-00102	10158	Pu-238	0	0.0015	0.0006	0.0415	U	1.00 - 5.00
5C-00102	10158	Pu-239/240	0.0005	0.004	0.001	0.0404	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00102	10158	Pu-244	0.0027	0.0015	0.0012	0.0313		1.00 - 5.00
5C-00102	10158	Rn-220	1.35	0.019	0.094	--		1.00 - 5.00
5C-00102	10158	Rn-222	0.861	0.02	0.041	--		1.00 - 5.00
5C-00102	10158	Sb-125	0.117	0.03	0.0075	0.354	J	1.00 - 5.00
5C-00102	10158	Sn-126	0.0034	0.011	0.0033	0.0237	U	1.00 - 5.00
5C-00102	10158	Sr-90	-0.0277	0.036	0.0095	0.485	UL	1.00 - 5.00
5C-00102	10158	Te-125m	0.027	0.0069	0.0017	0.0838	J	1.00 - 5.00
5C-00102	10158	Th-228	1.27	0.024	0.067	3.98		1.00 - 5.00
5C-00102	10158	Th-229	0.0054	0.0099	0.0034	0.145		1.00 - 5.00
5C-00102	10158	Th-230	0.912	0.009	0.051	2.2		1.00 - 5.00
5C-00102	10158	Th-232	1.24	0.009	0.066	3.1		1.00 - 5.00
5C-00102	10158	Th-234	1.58	0.12	0.078	3.19	J R	1.00 - 5.00
5C-00102	10158	Tl-208	0.501	0.013	0.017	0.937		1.00 - 5.00
5C-00102	10158	Tm-171	-3.8	4.4	1.3	72.4	UJ	1.00 - 5.00
5C-00102	10158	U-233/234	0.561	0.015	0.035	2.02		1.00 - 5.00
5C-00102	10158	U-235/236	0.0332	0.0041	0.0072	0.151		1.00 - 5.00
5C-00102	10158	U-238	0.558	0.011	0.035	1.8		1.00 - 5.00
5C-00103	10159	Ac-227	0.037	0.15	0.018	0.217	U	0.00 - 0.50
5C-00103	10159	Ac-228	1.09	0.078	0.039	2.4		0.00 - 0.50
5C-00103	10159	Ag-108	-0.0037	0.0016	0.0005	--	R	0.00 - 0.50
5C-00103	10159	Ag-108m	-0.0392	0.017	0.0055	--	R	0.00 - 0.50
5C-00103	10159	Am-241	0	0.012	0.003	0.0454	U	0.00 - 0.50
5C-00103	10159	Ba-133	-0.022	0.019	0.0058	--	R	0.00 - 0.50
5C-00103	10159	Ba-137m	0.0252	0.012	0.0049	--		0.00 - 0.50
5C-00103	10159	Bi-212	0.789	0.1	0.062	2.15		0.00 - 0.50
5C-00103	10159	Bi-214	0.875	0.025	0.031	1.59		0.00 - 0.50
5C-00103	10159	Cd-113m	1	38	11	3030	U	0.00 - 0.50
5C-00103	10159	Cf-249	-0.005	0.066	0.02	--	U	0.00 - 0.50
5C-00103	10159	Cm-243/244	0.001	0.0026	0.001	0.0443	U	0.00 - 0.50
5C-00103	10159	Cm-245/246	0.001	0.0073	0.0018	0.0401	U	0.00 - 0.50
5C-00103	10159	Cm-247/248	0.0029	0.0026	0.0017	0.0306		0.00 - 0.50
5C-00103	10159	Co-60	0.002	0.018	0.0035	0.028	U	0.00 - 0.50
5C-00103	10159	Cs-134	0.0042	0.039	0.0015	0.0864	UJ	0.00 - 0.50
5C-00103	10159	Cs-137	0.0266	0.012	0.0052	0.207		0.00 - 0.50
5C-00103	10159	Eu-152	-0.0003	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00103	10159	Eu-154	0.003	0.1	0.0053	0.15	U	0.00 - 0.50
5C-00103	10159	Eu-155	0.066	0.029	0.012	0.231		0.00 - 0.50
5C-00103	10159	Ho-166m	0.0088	0.026	0.007	0.0432	U	0.00 - 0.50
5C-00103	10159	K-40	20.4	0.12	0.62	32.4		0.00 - 0.50
5C-00103	10159	Na-22	0.0025	0.02	0.0059	0.037	U	0.00 - 0.50
5C-00103	10159	Nb-94	0.0057	0.015	0.0045	0.0214	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00103	10159	Np-236	-0.0078	0.026	0.0078	0.047	U	0.00 - 0.50
5C-00103	10159	Np-239	-0.018	0.076	0.023	0.139	U	0.00 - 0.50
5C-00103	10159	Pa-231	0.02	0.61	0.18	0.936	U	0.00 - 0.50
5C-00103	10159	Pb-212	1.11	0.018	0.045	2.69		0.00 - 0.50
5C-00103	10159	Pb-214	0.96	0.024	0.032	1.7		0.00 - 0.50
5C-00103	10159	Pu-236	-0.0036	0.0097	0.0015	7.79	UL	0.00 - 0.50
5C-00103	10159	Pu-238	0.0003	0.0051	0.001	0.0415	U	0.00 - 0.50
5C-00103	10159	Pu-239/240	0.0017	0.0023	0.0012	0.0404		0.00 - 0.50
5C-00103	10159	Pu-244	0.0043	0.0023	0.0019	0.0313		0.00 - 0.50
5C-00103	10159	Rn-220	0.95	0.018	0.076	--		0.00 - 0.50
5C-00103	10159	Rn-222	0.917	0.024	0.045	--		0.00 - 0.50
5C-00103	10159	Sb-125	0.0919	0.034	0.0073	0.354		0.00 - 0.50
5C-00103	10159	Sn-126	-0.002	0.017	0.0051	0.0237	U	0.00 - 0.50
5C-00103	10159	Sr-90	0.021	0.065	0.019	0.485	U	0.00 - 0.50
5C-00103	10159	Te-125m	0.0212	0.0079	0.0017	0.0838		0.00 - 0.50
5C-00103	10159	Th-228	1.31	0.011	0.067	3.98		0.00 - 0.50
5C-00103	10159	Th-229	0.0056	0.0022	0.0021	0.145		0.00 - 0.50
5C-00103	10159	Th-230	0.9	0.008	0.05	2.2		0.00 - 0.50
5C-00103	10159	Th-232	1.22	0.01	0.063	3.1		0.00 - 0.50
5C-00103	10159	Th-234	1.64	0.15	0.089	3.19	J R	0.00 - 0.50
5C-00103	10159	Tl-208	0.349	0.014	0.014	0.937		0.00 - 0.50
5C-00103	10159	Tm-171	-2.1	4.4	1.3	72.4	U	0.00 - 0.50
5C-00103	10159	U-233/234	0.769	0.01	0.045	2.02		0.00 - 0.50
5C-00103	10159	U-235/236	0.0343	0.012	0.008	0.151		0.00 - 0.50
5C-00103	10159	U-238	0.771	0.01	0.045	1.8		0.00 - 0.50
5C-00103	10160	Ac-227	0.032	0.16	0.031	0.217	U	1.00 - 5.00
5C-00103	10160	Ac-228	1.33	0.092	0.049	2.4		1.00 - 5.00
5C-00103	10160	Ag-108	-0.0006	0.0016	0.0005	--	U R	1.00 - 5.00
5C-00103	10160	Ag-108m	-0.0069	0.017	0.0051	--	U R	1.00 - 5.00
5C-00103	10160	Am-241	-0.0029	0.014	0.0035	0.0454	U	1.00 - 5.00
5C-00103	10160	Ba-133	-0.104	0.026	0.0089	--	R U	1.00 - 5.00
5C-00103	10160	Ba-137m	0.0028	0.016	0.0048	--	U	1.00 - 5.00
5C-00103	10160	Bi-212	1.15	0.14	0.086	2.15		1.00 - 5.00
5C-00103	10160	Bi-214	0.987	0.025	0.035	1.59		1.00 - 5.00
5C-00103	10160	Cd-113m	12	43	13	3030	U	1.00 - 5.00
5C-00103	10160	Cf-249	0.022	0.062	0.019	--	U R	1.00 - 5.00
5C-00103	10160	Cm-243/244	0	0.002	0.0008	0.0443	U	1.00 - 5.00
5C-00103	10160	Cm-245/246	0.0011	0.0078	0.0019	0.0401	U J	1.00 - 5.00
5C-00103	10160	Cm-247/248	0.001	0.0077	0.0019	0.0306	U J	1.00 - 5.00
5C-00103	10160	Co-60	0.0069	0.021	0.0052	0.028	U	1.00 - 5.00
5C-00103	10160	Cs-134	0.0157	0.057	0.0049	0.0864	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00103	10160	Cs-137	0.003	0.017	0.0051	0.207	U	1.00 - 5.00
5C-00103	10160	Eu-152	0.0015	0.044	0.0011	0.0566	U	1.00 - 5.00
5C-00103	10160	Eu-154	0.0022	0.11	0.0011	0.15	U	1.00 - 5.00
5C-00103	10160	Eu-155	0.084	0.036	0.015	0.231	J S K	1.00 - 5.00
5C-00103	10160	Ho-166m	0.037	0.023	0.014	0.0432	S K	1.00 - 5.00
5C-00103	10160	K-40	19.7	0.14	0.6	32.4		1.00 - 5.00
5C-00103	10160	Na-22	-0.0072	0.027	0.0081	0.037	U	1.00 - 5.00
5C-00103	10160	Nb-94	0.0046	0.016	0.0047	0.0214	U	1.00 - 5.00
5C-00103	10160	Np-236	-0.0003	0.033	0.01	0.047	U	1.00 - 5.00
5C-00103	10160	Np-239	-0.004	0.092	0.028	0.139	U	1.00 - 5.00
5C-00103	10160	Pa-231	0.05	0.64	0.19	0.936	U	1.00 - 5.00
5C-00103	10160	Pb-212	1.71	0.025	0.07	2.69		1.00 - 5.00
5C-00103	10160	Pb-214	1.07	0.026	0.036	1.7		1.00 - 5.00
5C-00103	10160	Pu-236	-0.0005	0.0077	0.002	7.79	U	1.00 - 5.00
5C-00103	10160	Pu-238	-0.0019	0.0063	0.0013	0.0415	U	1.00 - 5.00
5C-00103	10160	Pu-239/240	0.001	0.0035	0.001	0.0404	U	1.00 - 5.00
5C-00103	10160	Pu-244	0.0024	0.0013	0.0011	0.0313		1.00 - 5.00
5C-00103	10160	Rn-220	1.43	0.03	0.11	--		1.00 - 5.00
5C-00103	10160	Rn-222	1.03	0.025	0.05	--		1.00 - 5.00
5C-00103	10160	Sb-125	0.173	0.045	0.014	0.354	S K	1.00 - 5.00
5C-00103	10160	Sn-126	-0.0006	0.018	0.0054	0.0237	U	1.00 - 5.00
5C-00103	10160	Sr-90	0	0.05	0.014	0.485	U	1.00 - 5.00
5C-00103	10160	Te-125m	0.04	0.01	0.0032	0.0838	S K	1.00 - 5.00
5C-00103	10160	Th-228	1.33	0.013	0.065	3.98		1.00 - 5.00
5C-00103	10160	Th-229	0.0117	0.0035	0.0039	0.145		1.00 - 5.00
5C-00103	10160	Th-230	0.983	0.002	0.05	2.2		1.00 - 5.00
5C-00103	10160	Th-232	1.24	0.006	0.061	3.1		1.00 - 5.00
5C-00103	10160	Th-234	1.71	0.16	0.092	3.19	R	1.00 - 5.00
5C-00103	10160	Tl-208	0.506	0.019	0.019	0.937		1.00 - 5.00
5C-00103	10160	Tm-171	0.6	4.9	1.5	72.4	U	1.00 - 5.00
5C-00103	10160	U-233/234	1	0.007	0.053	2.02		1.00 - 5.00
5C-00103	10160	U-235/236	0.0426	0.0034	0.0075	0.151		1.00 - 5.00
5C-00103	10160	U-238	0.948	0.003	0.05	1.8		1.00 - 5.00
5C-00104	10161	Ac-227	0.042	0.15	0.057	0.217	U	0.00 - 0.50
5C-00104	10161	Ac-228	1.17	0.1	0.045	2.4		0.00 - 0.50
5C-00104	10161	Ag-108	-0.0009	0.0015	0.0004	--	U R	0.00 - 0.50
5C-00104	10161	Ag-108m	-0.0092	0.016	0.0048	--	U R	0.00 - 0.50
5C-00104	10161	Am-241	0	0.013	0.0033	0.0454	U	0.00 - 0.50
5C-00104	10161	Ba-133	-0.086	0.023	0.008	--	R U	0.00 - 0.50
5C-00104	10161	Ba-137m	0.0446	0.013	0.0065	--		0.00 - 0.50
5C-00104	10161	Bi-212	1.03	0.13	0.073	2.15		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00104	10161	Bi-214	0.903	0.028	0.033	1.59		0.00 - 0.50
5C-00104	10161	Cd-113m	7	42	13	3030	U	0.00 - 0.50
5C-00104	10161	Cf-249	0.035	0.059	0.018	--	R	0.00 - 0.50
5C-00104	10161	Cm-243/244	-0.0029	0.013	0.0028	0.0443	U	0.00 - 0.50
5C-00104	10161	Cm-245/246	0.0035	0.0047	0.0025	0.0401	J	0.00 - 0.50
5C-00104	10161	Cm-247/248	0.0034	0.0046	0.0024	0.0306	J	0.00 - 0.50
5C-00104	10161	Co-60	0.0028	0.02	0.0047	0.028	U	0.00 - 0.50
5C-00104	10161	Cs-134	-0.0005	0.056	0.0031	0.0864	U	0.00 - 0.50
5C-00104	10161	Cs-137	0.0472	0.014	0.0069	0.207		0.00 - 0.50
5C-00104	10161	Eu-152	-0.0001	0.039	0.012	0.0566	U	0.00 - 0.50
5C-00104	10161	Eu-154	-0.033	0.11	0.034	0.15	U	0.00 - 0.50
5C-00104	10161	Eu-155	0.083	0.034	0.014	0.231	S K	0.00 - 0.50
5C-00104	10161	Ho-166m	0.0001	0.025	0.0075	0.0432	U	0.00 - 0.50
5C-00104	10161	K-40	20.8	0.14	0.63	32.4		0.00 - 0.50
5C-00104	10161	Na-22	0.0057	0.02	0.0059	0.037	U	0.00 - 0.50
5C-00104	10161	Nb-94	0.0027	0.015	0.0033	0.0214	U	0.00 - 0.50
5C-00104	10161	Np-236	-0.0065	0.031	0.0094	0.047	U	0.00 - 0.50
5C-00104	10161	Np-239	0.007	0.089	0.027	0.139	U	0.00 - 0.50
5C-00104	10161	Pa-231	0.15	0.61	0.18	0.936	U	0.00 - 0.50
5C-00104	10161	Pb-212	1.58	0.025	0.064	2.69		0.00 - 0.50
5C-00104	10161	Pb-214	1.03	0.028	0.034	1.7		0.00 - 0.50
5C-00104	10161	Pu-236	-0.0007	0.0067	0.0014	7.79	U	0.00 - 0.50
5C-00104	10161	Pu-238	-0.0014	0.0067	0.0011	0.0415	U	0.00 - 0.50
5C-00104	10161	Pu-239/240	0.0029	0.002	0.0015	0.0404		0.00 - 0.50
5C-00104	10161	Pu-244	0.0036	0.002	0.0016	0.0313		0.00 - 0.50
5C-00104	10161	Rn-220	1.3	0.025	0.097	--		0.00 - 0.50
5C-00104	10161	Rn-222	0.965	0.028	0.047	--		0.00 - 0.50
5C-00104	10161	Sb-125	0.138	0.038	0.012	0.354	S K	0.00 - 0.50
5C-00104	10161	Sn-126	0.0041	0.013	0.0039	0.0237	U	0.00 - 0.50
5C-00104	10161	Sr-90	0.038	0.064	0.02	0.485		0.00 - 0.50
5C-00104	10161	Te-125m	0.032	0.0088	0.0028	0.0838	S K	0.00 - 0.50
5C-00104	10161	Th-228	1.24	0.016	0.064	3.98	J	0.00 - 0.50
5C-00104	10161	Th-229	0.0129	0.0025	0.0035	0.145		0.00 - 0.50
5C-00104	10161	Th-230	0.894	0.01	0.049	2.2	J	0.00 - 0.50
5C-00104	10161	Th-232	1.25	0.003	0.064	3.1	J	0.00 - 0.50
5C-00104	10161	Th-234	1.52	0.15	0.085	3.19	R	0.00 - 0.50
5C-00104	10161	Tl-208	0.486	0.019	0.019	0.937		0.00 - 0.50
5C-00104	10161	Tm-171	1.2	4.2	1.3	72.4	U	0.00 - 0.50
5C-00104	10161	U-233/234	0.705	0.011	0.042	2.02		0.00 - 0.50
5C-00104	10161	U-235/236	0.0369	0.0042	0.0077	0.151		0.00 - 0.50
5C-00104	10161	U-238	0.725	0.003	0.043	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00104	10162	Ac-227	0.099	0.083	0.017	0.217		1.00 - 5.00
5C-00104	10162	Ac-228	1.24	0.067	0.042	2.4		1.00 - 5.00
5C-00104	10162	Ag-108	-0.0014	0.0011	0.0003	--	R U	1.00 - 5.00
5C-00104	10162	Ag-108m	-0.0153	0.011	0.0036	--	R U	1.00 - 5.00
5C-00104	10162	Am-241	0.0032	0.0079	0.0025	0.0454		1.00 - 5.00
5C-00104	10162	Ba-133	-0.0168	0.014	0.0044	--	R U	1.00 - 5.00
5C-00104	10162	Ba-137m	-0.0015	0.012	0.0035	--	U	1.00 - 5.00
5C-00104	10162	Bi-212	1.11	0.1	0.069	2.15		1.00 - 5.00
5C-00104	10162	Bi-214	0.954	0.021	0.032	1.59		1.00 - 5.00
5C-00104	10162	Cd-113m	-2	34	10	3030	U	1.00 - 5.00
5C-00104	10162	Cf-249	-0.009	0.052	0.016	--	U R	1.00 - 5.00
5C-00104	10162	Cm-243/244	0.0021	0.0029	0.0015	0.0443	U	1.00 - 5.00
5C-00104	10162	Cm-245/246	0	0.0064	0.0013	0.0401	U J	1.00 - 5.00
5C-00104	10162	Cm-247/248	0	0.0023	0.001	0.0306	U J	1.00 - 5.00
5C-00104	10162	Co-60	-0.0001	0.014	0.0041	0.028	U	1.00 - 5.00
5C-00104	10162	Cs-134	0.006	0.041	0.011	0.0864	U	1.00 - 5.00
5C-00104	10162	Cs-137	-0.0016	0.012	0.0037	0.207	U	1.00 - 5.00
5C-00104	10162	Eu-152	-0.0031	0.031	0.0047	0.0566	U	1.00 - 5.00
5C-00104	10162	Eu-154	-0.024	0.077	0.023	0.15	U	1.00 - 5.00
5C-00104	10162	Eu-155	0.091	0.031	0.013	0.231	J S K	1.00 - 5.00
5C-00104	10162	Ho-166m	-0.0001	0.02	0.0001	0.0432	U	1.00 - 5.00
5C-00104	10162	K-40	20	0.13	0.59	32.4		1.00 - 5.00
5C-00104	10162	Na-22	-0.0046	0.018	0.0053	0.037	U	1.00 - 5.00
5C-00104	10162	Nb-94	0.001	0.011	0.002	0.0214	U	1.00 - 5.00
5C-00104	10162	Np-236	-0.0047	0.027	0.008	0.047	U	1.00 - 5.00
5C-00104	10162	Np-239	-0.014	0.067	0.02	0.139	U	1.00 - 5.00
5C-00104	10162	Pa-231	0.057	0.45	0.055	0.936	U	1.00 - 5.00
5C-00104	10162	Pb-212	1.68	0.019	0.068	2.69		1.00 - 5.00
5C-00104	10162	Pb-214	1.09	0.022	0.036	1.7		1.00 - 5.00
5C-00104	10162	Pu-236	0	0.0036	0.0007	7.79	U	1.00 - 5.00
5C-00104	10162	Pu-238	-0.0005	0.0045	0.0009	0.0415	U	1.00 - 5.00
5C-00104	10162	Pu-239/240	-0.0005	0.0035	0.0005	0.0404	U	1.00 - 5.00
5C-00104	10162	Pu-244	0.0024	0.0013	0.0011	0.0313		1.00 - 5.00
5C-00104	10162	Rn-220	1.4	0.019	0.097	--		1.00 - 5.00
5C-00104	10162	Rn-222	1.02	0.021	0.048	--		1.00 - 5.00
5C-00104	10162	Sb-125	0.114	0.028	0.0077	0.354	S K	1.00 - 5.00
5C-00104	10162	Sn-126	0.0039	0.012	0.0037	0.0237	U	1.00 - 5.00
5C-00104	10162	Sr-90	0.004	0.045	0.013	0.485	U	1.00 - 5.00
5C-00104	10162	Te-125m	0.0262	0.0065	0.0018	0.0838	S K	1.00 - 5.00
5C-00104	10162	Th-228	1.55	0.025	0.082	3.98	J	1.00 - 5.00
5C-00104	10162	Th-229	0.0082	0.015	0.0051	0.145	J	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00104	10162	Th-230	1.15	0.004	0.064	2.2	J	1.00 - 5.00
5C-00104	10162	Th-232	1.46	0.011	0.078	3.1	J	1.00 - 5.00
5C-00104	10162	Th-234	1.63	0.14	0.084	3.19	R	1.00 - 5.00
5C-00104	10162	Tl-208	0.508	0.015	0.018	0.937		1.00 - 5.00
5C-00104	10162	Tm-171	-0.05	5.5	1.7	72.4	U	1.00 - 5.00
5C-00104	10162	U-233/234	1.01	0.011	0.055	2.02		1.00 - 5.00
5C-00104	10162	U-235/236	0.0538	0.004	0.0092	0.151		1.00 - 5.00
5C-00104	10162	U-238	0.948	0.003	0.052	1.8		1.00 - 5.00
5C-00106	10164	Ac-227	0.061	0.13	0.015	0.217	U	1.00 - 5.00
5C-00106	10164	Ac-228	1.28	0.066	0.046	2.4		1.00 - 5.00
5C-00106	10164	Ag-108	-0.0011	0.0012	0.0004	--	R	1.00 - 5.00
5C-00106	10164	Ag-108m	-0.0123	0.013	0.0039	--	R	1.00 - 5.00
5C-00106	10164	Am-241	0.001	0.0074	0.0018	0.0454	U	1.00 - 5.00
5C-00106	10164	Ba-133	-0.0214	0.017	0.0054	--	R	1.00 - 5.00
5C-00106	10164	Ba-137m	-0.0038	0.013	0.004	--	U	1.00 - 5.00
5C-00106	10164	Bi-212	1.07	0.12	0.075	2.15		1.00 - 5.00
5C-00106	10164	Bi-214	0.866	0.024	0.034	1.59		1.00 - 5.00
5C-00106	10164	Cd-113m	-10	37	11	3030	U	1.00 - 5.00
5C-00106	10164	Cf-249	0.001	0.056	0.0047	--	U	1.00 - 5.00
5C-00106	10164	Cm-243/244	0	0.0092	0.0021	0.0443	U	1.00 - 5.00
5C-00106	10164	Cm-245/246	0.0052	0.0035	0.0026	0.0401		1.00 - 5.00
5C-00106	10164	Cm-247/248	-0.0013	0.0093	0.0014	0.0306	U	1.00 - 5.00
5C-00106	10164	Co-60	-0.0008	0.018	0.0052	0.028	U	1.00 - 5.00
5C-00106	10164	Cs-134	0.0042	0.039	0.0086	0.0864	U	1.00 - 5.00
5C-00106	10164	Cs-137	-0.004	0.014	0.0043	0.207	U	1.00 - 5.00
5C-00106	10164	Eu-152	0.0044	0.021	0.0063	0.0566	U	1.00 - 5.00
5C-00106	10164	Eu-154	0.008	0.083	0.013	0.15	U	1.00 - 5.00
5C-00106	10164	Eu-155	0.097	0.034	0.015	0.231		1.00 - 5.00
5C-00106	10164	Ho-166m	0.0141	0.021	0.0078	0.0432		1.00 - 5.00
5C-00106	10164	K-40	19.2	0.16	0.64	32.4		1.00 - 5.00
5C-00106	10164	Na-22	-0.0013	0.018	0.0053	0.037	U	1.00 - 5.00
5C-00106	10164	Nb-94	0.0027	0.012	0.0026	0.0214	U	1.00 - 5.00
5C-00106	10164	Np-236	-0.0044	0.027	0.0082	0.047	U	1.00 - 5.00
5C-00106	10164	Np-239	-0.014	0.082	0.025	0.139	U	1.00 - 5.00
5C-00106	10164	Pa-231	-0.02	0.47	0.14	0.936	U	1.00 - 5.00
5C-00106	10164	Pb-212	1.71	0.023	0.09	2.69	J	1.00 - 5.00
5C-00106	10164	Pb-214	0.983	0.026	0.037	1.7		1.00 - 5.00
5C-00106	10164	Pu-236	-0.0004	0.0068	0.0017	7.79	U	1.00 - 5.00
5C-00106	10164	Pu-238	0.0005	0.0033	0.0008	0.0415	U	1.00 - 5.00
5C-00106	10164	Pu-239/240	0	0.0012	0.0005	0.0404	U	1.00 - 5.00
5C-00106	10164	Pu-244	0.0036	0.0012	0.0013	0.0313		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00106	10164	Rn-220	1.39	0.02	0.12	--		1.00 - 5.00
5C-00106	10164	Rn-222	0.924	0.024	0.05	--		1.00 - 5.00
5C-00106	10164	Sb-125	0.121	0.034	0.0086	0.354	J	1.00 - 5.00
5C-00106	10164	Sn-126	0.0041	0.013	0.004	0.0237	U	1.00 - 5.00
5C-00106	10164	Sr-90	0.0312	0.03	0.0097	0.485		1.00 - 5.00
5C-00106	10164	Te-125m	0.0278	0.0079	0.002	0.0838	J	1.00 - 5.00
5C-00106	10164	Th-228	1.26	0.025	0.067	3.98		1.00 - 5.00
5C-00106	10164	Th-229	0.0096	0.0024	0.0029	0.145		1.00 - 5.00
5C-00106	10164	Th-230	0.89	0.003	0.05	2.2		1.00 - 5.00
5C-00106	10164	Th-232	1.18	0.003	0.063	3.1		1.00 - 5.00
5C-00106	10164	Th-234	1.68	0.14	0.094	3.19	J R	1.00 - 5.00
5C-00106	10164	Tl-208	0.491	0.016	0.019	0.937		1.00 - 5.00
5C-00106	10164	Tm-171	-4.9	5.8	1.8	72.4	UJ	1.00 - 5.00
5C-00106	10164	U-233/234	0.766	0.006	0.04	2.02		1.00 - 5.00
5C-00106	10164	U-235/236	0.0414	0.0071	0.0067	0.151		1.00 - 5.00
5C-00106	10164	U-238	0.769	0.002	0.04	1.8		1.00 - 5.00
5C-00107	10165	Ac-227	0.042	0.13	0.014	0.217	U	0.00 - 0.50
5C-00107	10165	Ac-228	0.917	0.084	0.035	2.4		0.00 - 0.50
5C-00107	10165	Ag-108	0.0001	0.0008	0.0003	--	U	0.00 - 0.50
5C-00107	10165	Ag-108m	0.0005	0.009	0.0027	--	U	0.00 - 0.50
5C-00107	10165	Am-241	0	0.0069	0.0016	0.0454	U	0.00 - 0.50
5C-00107	10165	Ba-133	-0.048	0.017	0.0059	--	R	0.00 - 0.50
5C-00107	10165	Ba-137m	0.0023	0.015	0.0044	--	U	0.00 - 0.50
5C-00107	10165	Bi-212	0.862	0.13	0.075	2.15		0.00 - 0.50
5C-00107	10165	Bi-214	0.634	0.026	0.025	1.59		0.00 - 0.50
5C-00107	10165	Cd-113m	0.2	36	11	3030	U	0.00 - 0.50
5C-00107	10165	Cf-249	-0.019	0.054	0.016	--	U	0.00 - 0.50
5C-00107	10165	Cm-243/244	0.0007	0.0053	0.0013	0.0443	U	0.00 - 0.50
5C-00107	10165	Cm-245/246	0	0.0051	0.001	0.0401	U	0.00 - 0.50
5C-00107	10165	Cm-247/248	0.0007	0.0019	0.0007	0.0306	U	0.00 - 0.50
5C-00107	10165	Co-60	-0.0007	0.016	0.0048	0.028	U	0.00 - 0.50
5C-00107	10165	Cs-134	-0.003	0.045	0.014	0.0864	U	0.00 - 0.50
5C-00107	10165	Cs-137	0.0025	0.016	0.0047	0.207	U	0.00 - 0.50
5C-00107	10165	Eu-152	-0.016	0.033	0.01	0.0566	U	0.00 - 0.50
5C-00107	10165	Eu-154	-0.03	0.1	0.031	0.15	U	0.00 - 0.50
5C-00107	10165	Eu-155	0.0147	0.032	0.0098	0.231	U	0.00 - 0.50
5C-00107	10165	Ho-166m	0.0097	0.019	0.0055	0.0432	J	0.00 - 0.50
5C-00107	10165	K-40	21.4	0.14	0.65	32.4		0.00 - 0.50
5C-00107	10165	Na-22	-0.0001	0.019	0.0056	0.037	U	0.00 - 0.50
5C-00107	10165	Nb-94	-0.0002	0.014	0.0042	0.0214	U	0.00 - 0.50
5C-00107	10165	Np-236	0.004	0.029	0.0086	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00107	10165	Np-239	0.006	0.077	0.023	0.139	U	0.00 - 0.50
5C-00107	10165	Pa-231	0.089	0.52	0.076	0.936	U	0.00 - 0.50
5C-00107	10165	Pb-212	1.14	0.021	0.035	2.69		0.00 - 0.50
5C-00107	10165	Pb-214	0.692	0.024	0.031	1.7		0.00 - 0.50
5C-00107	10165	Pu-236	0.0011	0.0047	0.0012	7.79	U	0.00 - 0.50
5C-00107	10165	Pu-238	-0.0002	0.0057	0.0011	0.0415	U	0.00 - 0.50
5C-00107	10165	Pu-239/240	0.0016	0.0021	0.0011	0.0404		0.00 - 0.50
5C-00107	10165	Pu-244	0.0039	0.0021	0.0018	0.0313		0.00 - 0.50
5C-00107	10165	Rn-220	1	0.021	0.083	--		0.00 - 0.50
5C-00107	10165	Rn-222	0.663	0.024	0.04	--		0.00 - 0.50
5C-00107	10165	Sb-125	0.0964	0.035	0.0092	0.354		0.00 - 0.50
5C-00107	10165	Sn-126	-0.0017	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00107	10165	Sr-90	0.016	0.06	0.018	0.485	U	0.00 - 0.50
5C-00107	10165	Te-125m	0.0223	0.0081	0.0021	0.0838		0.00 - 0.50
5C-00107	10165	Th-228	0.824	0.008	0.043	3.98		0.00 - 0.50
5C-00107	10165	Th-229	0.0013	0.012	0.0031	0.145	U	0.00 - 0.50
5C-00107	10165	Th-230	0.588	0.002	0.033	2.2		0.00 - 0.50
5C-00107	10165	Th-232	0.792	0.002	0.042	3.1		0.00 - 0.50
5C-00107	10165	Th-234	0.275	0.15	0.047	3.19	R	0.00 - 0.50
5C-00107	10165	Tl-208	0.381	0.018	0.016	0.937		0.00 - 0.50
5C-00107	10165	Tm-171	-0.2	5.9	1.8	72.4	U	0.00 - 0.50
5C-00107	10165	U-233/234	0.494	0.002	0.028	2.02		0.00 - 0.50
5C-00107	10165	U-235/236	0.0234	0.0023	0.0046	0.151		0.00 - 0.50
5C-00107	10165	U-238	0.499	0.005	0.028	1.8		0.00 - 0.50
5C-00107	10166	Ac-227	-0.0001	0.16	0.048	0.217	U	1.00 - 5.00
5C-00107	10166	Ac-228	1.37	0.083	0.049	2.4		1.00 - 5.00
5C-00107	10166	Ag-108	-0.0014	0.0015	0.0005	--	UJ	1.00 - 5.00
5C-00107	10166	Ag-108m	-0.0149	0.016	0.0051	--	UJ	1.00 - 5.00
5C-00107	10166	Am-241	0.0029	0.0042	0.0015	0.0454		1.00 - 5.00
5C-00107	10166	Ba-133	-0.124	0.028	0.01	--	R	1.00 - 5.00
5C-00107	10166	Ba-137m	0.0098	0.014	0.0061	--		1.00 - 5.00
5C-00107	10166	Bi-212	1.25	0.14	0.09	2.15		1.00 - 5.00
5C-00107	10166	Bi-214	1.05	0.027	0.037	1.59		1.00 - 5.00
5C-00107	10166	Cd-113m	1	43	13	3030	U	1.00 - 5.00
5C-00107	10166	Cf-249	0.0006	0.094	0.0035	--	U	1.00 - 5.00
5C-00107	10166	Cm-243/244	0.0045	0.0074	0.0025	0.0443		1.00 - 5.00
5C-00107	10166	Cm-245/246	0.0025	0.0034	0.0018	0.0401	U	1.00 - 5.00
5C-00107	10166	Cm-247/248	0	0.009	0.0018	0.0306	U	1.00 - 5.00
5C-00107	10166	Co-60	0.0021	0.015	0.0039	0.028	U	1.00 - 5.00
5C-00107	10166	Cs-134	0.0166	0.071	0.0058	0.0864	U	1.00 - 5.00
5C-00107	10166	Cs-137	0.0104	0.014	0.0065	0.207		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00107	10166	Eu-152	0.029	0.043	0.011	0.0566		1.00 - 5.00
5C-00107	10166	Eu-154	0.015	0.11	0.017	0.15	U	1.00 - 5.00
5C-00107	10166	Eu-155	0.085	0.048	0.02	0.231		1.00 - 5.00
5C-00107	10166	Ho-166m	0.0229	0.026	0.0094	0.0432		1.00 - 5.00
5C-00107	10166	K-40	18.3	0.12	0.56	32.4		1.00 - 5.00
5C-00107	10166	Na-22	-0.0013	0.021	0.0062	0.037	U	1.00 - 5.00
5C-00107	10166	Nb-94	0.0083	0.015	0.0045	0.0214		1.00 - 5.00
5C-00107	10166	Np-236	-0.012	0.04	0.012	0.047	U	1.00 - 5.00
5C-00107	10166	Np-239	0.028	0.096	0.029	0.139	U	1.00 - 5.00
5C-00107	10166	Pa-231	-0.033	0.69	0.081	0.936	U	1.00 - 5.00
5C-00107	10166	Pb-212	1.71	0.027	0.052	2.69	J	1.00 - 5.00
5C-00107	10166	Pb-214	1.09	0.03	0.048	1.7		1.00 - 5.00
5C-00107	10166	Pu-236	0	0.0014	0.0006	7.79	U	1.00 - 5.00
5C-00107	10166	Pu-238	-0.001	0.0047	0.0008	0.0415	U	1.00 - 5.00
5C-00107	10166	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00107	10166	Pu-244	0.001	0.0014	0.0007	0.0313	U	1.00 - 5.00
5C-00107	10166	Rn-220	1.48	0.03	0.1	--		1.00 - 5.00
5C-00107	10166	Rn-222	1.07	0.027	0.06	--		1.00 - 5.00
5C-00107	10166	Sb-125	0.141	0.049	0.013	0.354	J	1.00 - 5.00
5C-00107	10166	Sn-126	-0.0065	0.017	0.0051	0.0237	U	1.00 - 5.00
5C-00107	10166	Sr-90	0.006	0.036	0.011	0.485	U	1.00 - 5.00
5C-00107	10166	Te-125m	0.0325	0.011	0.0029	0.0838	J	1.00 - 5.00
5C-00107	10166	Th-228	1.32	0.011	0.066	3.98		1.00 - 5.00
5C-00107	10166	Th-229	0.0075	0.0092	0.0036	0.145		1.00 - 5.00
5C-00107	10166	Th-230	0.977	0.003	0.051	2.2		1.00 - 5.00
5C-00107	10166	Th-232	1.28	0.009	0.064	3.1		1.00 - 5.00
5C-00107	10166	Th-234	1.56	0.22	0.086	3.19	J R	1.00 - 5.00
5C-00107	10166	Tl-208	0.531	0.02	0.02	0.937		1.00 - 5.00
5C-00107	10166	Tm-171	-16.6	10	3.2	72.4	R	1.00 - 5.00
5C-00107	10166	U-233/234	0.839	0.006	0.041	2.02		1.00 - 5.00
5C-00107	10166	U-235/236	0.0389	0.0018	0.0054	0.151		1.00 - 5.00
5C-00107	10166	U-238	0.867	0.001	0.042	1.8		1.00 - 5.00
5C-00108	10167	Ac-227	0.058	0.13	0.041	0.217	U	0.00 - 0.50
5C-00108	10167	Ac-228	1.19	0.092	0.043	2.4		0.00 - 0.50
5C-00108	10167	Ag-108	0.0001	0.0013	0.0002	--	UJ	0.00 - 0.50
5C-00108	10167	Ag-108m	0.0015	0.014	0.0018	--	UJ	0.00 - 0.50
5C-00108	10167	Am-241	-0.0047	0.014	0.0026	0.0454	U	0.00 - 0.50
5C-00108	10167	Ba-133	-0.0106	0.017	0.0053	--	UJ	0.00 - 0.50
5C-00108	10167	Ba-137m	0.0011	0.016	0.0048	--	U	0.00 - 0.50
5C-00108	10167	Bi-212	0.947	0.15	0.083	2.15		0.00 - 0.50
5C-00108	10167	Bi-214	0.813	0.026	0.03	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00108	10167	Cd-113m	-0.4	39	12	3030	U	0.00 - 0.50
5C-00108	10167	Cf-249	0.0031	0.063	0.003	--	U	0.00 - 0.50
5C-00108	10167	Cm-243/244	-0.0023	0.011	0.0018	0.0443	U	0.00 - 0.50
5C-00108	10167	Cm-245/246	0.0025	0.0034	0.0018	0.0401	U	0.00 - 0.50
5C-00108	10167	Cm-245/246	0.007	0.0047	0.0035	0.0401		0.00 - 0.50
5C-00108	10167	Cm-247/248	0	0.013	0.0026	0.0306	U	0.00 - 0.50
5C-00108	10167	Cm-247/248	-0.0012	0.009	0.0014	0.0306	U	0.00 - 0.50
5C-00108	10167	Co-60	0.0047	0.018	0.0054	0.028	U	0.00 - 0.50
5C-00108	10167	Cs-134	-0.009	0.0063	0.0021	0.0864	R	0.00 - 0.50
5C-00108	10167	Cs-137	0.0012	0.017	0.005	0.207	U	0.00 - 0.50
5C-00108	10167	Eu-152	-0.013	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00108	10167	Eu-154	0.017	0.1	0.013	0.15	U	0.00 - 0.50
5C-00108	10167	Eu-155	0.075	0.033	0.013	0.231		0.00 - 0.50
5C-00108	10167	Ho-166m	0.0109	0.023	0.0053	0.0432	U	0.00 - 0.50
5C-00108	10167	K-40	19.1	0.14	0.59	32.4		0.00 - 0.50
5C-00108	10167	Na-22	-0.0088	0.022	0.0065	0.037	U	0.00 - 0.50
5C-00108	10167	Nb-94	0.0032	0.014	0.0027	0.0214	U	0.00 - 0.50
5C-00108	10167	Np-236	0.0015	0.03	0.0089	0.047	U	0.00 - 0.50
5C-00108	10167	Np-239	0.004	0.084	0.025	0.139	U	0.00 - 0.50
5C-00108	10167	Pa-231	0.11	0.56	0.17	0.936	U	0.00 - 0.50
5C-00108	10167	Pb-212	1.48	0.025	0.061	2.69		0.00 - 0.50
5C-00108	10167	Pb-214	0.886	0.025	0.03	1.7		0.00 - 0.50
5C-00108	10167	Pu-236	-0.0023	0.0098	0.002	7.79	UJ	0.00 - 0.50
5C-00108	10167	Pu-238	-0.0012	0.0076	0.0014	0.0415	UJ	0.00 - 0.50
5C-00108	10167	Pu-239/240	-0.0002	0.006	0.0011	0.0404	UJ	0.00 - 0.50
5C-00108	10167	Pu-244	-0.0005	0.0049	0.0006	0.0313	UJ	0.00 - 0.50
5C-00108	10167	Rn-220	1.21	0.03	0.1	--		0.00 - 0.50
5C-00108	10167	Rn-222	0.85	0.025	0.043	--		0.00 - 0.50
5C-00108	10167	Sb-125	0.155	0.04	0.013	0.354		0.00 - 0.50
5C-00108	10167	Sn-126	-0.004	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00108	10167	Sr-90	0.006	0.06	0.018	0.485	U	0.00 - 0.50
5C-00108	10167	Te-125m	0.0359	0.0094	0.0029	0.0838		0.00 - 0.50
5C-00108	10167	Th-228	1.27	0.013	0.065	3.98		0.00 - 0.50
5C-00108	10167	Th-229	0.0071	0.0028	0.0027	0.145		0.00 - 0.50
5C-00108	10167	Th-230	0.947	0.008	0.051	2.2		0.00 - 0.50
5C-00108	10167	Th-232	1.31	0.003	0.066	3.1		0.00 - 0.50
5C-00108	10167	Th-234	0.909	0.17	0.062	3.19	J R	0.00 - 0.50
5C-00108	10167	Tl-208	0.479	0.016	0.018	0.937		0.00 - 0.50
5C-00108	10167	Tm-171	1.4	4.7	1.4	72.4	U	0.00 - 0.50
5C-00108	10167	U-233/234	0.803	0.003	0.047	2.02		0.00 - 0.50
5C-00108	10167	U-235/236	0.0446	0.0043	0.0086	0.151		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00108	10167	U-238	0.809	0.003	0.047	1.8		0.00 - 0.50
5C-00108	10168	Ac-227	0.061	0.15	0.05	0.217	U	1.00 - 5.00
5C-00108	10168	Ac-228	1.18	0.097	0.066	2.4		1.00 - 5.00
5C-00108	10168	Ag-108	-0.0015	0.0015	0.0005	--	R	1.00 - 5.00
5C-00108	10168	Ag-108m	-0.0166	0.016	0.0051	--	R	1.00 - 5.00
5C-00108	10168	Am-241	0	0.0066	0.0013	0.0454	U	1.00 - 5.00
5C-00108	10168	Ba-133	-0.097	0.024	0.0084	--	R	1.00 - 5.00
5C-00108	10168	Ba-137m	0.0064	0.016	0.005	--	U	1.00 - 5.00
5C-00108	10168	Bi-212	1.05	0.15	0.088	2.15		1.00 - 5.00
5C-00108	10168	Bi-214	0.949	0.027	0.034	1.59		1.00 - 5.00
5C-00108	10168	Cd-113m	-10	43	13	3030	U	1.00 - 5.00
5C-00108	10168	Cf-249	-0.031	0.064	0.019	--	U	1.00 - 5.00
5C-00108	10168	Cm-243/244	-0.0009	0.0065	0.001	0.0443	U	1.00 - 5.00
5C-00108	10168	Cm-245/246	0.0007	0.0052	0.0013	0.0401	U	1.00 - 5.00
5C-00108	10168	Cm-247/248	0	0.0051	0.001	0.0306	U	1.00 - 5.00
5C-00108	10168	Co-60	0.0018	0.019	0.0032	0.028	U	1.00 - 5.00
5C-00108	10168	Cs-134	0.0156	0.056	0.005	0.0864	U	1.00 - 5.00
5C-00108	10168	Cs-137	0.0068	0.017	0.0052	0.207	U	1.00 - 5.00
5C-00108	10168	Eu-152	0.0012	0.038	0.0022	0.0566	U	1.00 - 5.00
5C-00108	10168	Eu-154	0.024	0.11	0.018	0.15	U	1.00 - 5.00
5C-00108	10168	Eu-155	0.093	0.035	0.015	0.231		1.00 - 5.00
5C-00108	10168	Ho-166m	-0.0009	0.026	0.0013	0.0432	U	1.00 - 5.00
5C-00108	10168	K-40	19.7	0.14	0.6	32.4		1.00 - 5.00
5C-00108	10168	Na-22	-0.0036	0.026	0.0077	0.037	U	1.00 - 5.00
5C-00108	10168	Nb-94	0.0041	0.013	0.0028	0.0214	U	1.00 - 5.00
5C-00108	10168	Np-236	-0.0066	0.032	0.0098	0.047	U	1.00 - 5.00
5C-00108	10168	Np-239	-0.016	0.09	0.027	0.139	U	1.00 - 5.00
5C-00108	10168	Pa-231	-0.18	0.64	0.19	0.936	U	1.00 - 5.00
5C-00108	10168	Pb-212	1.66	0.025	0.067	2.69	J	1.00 - 5.00
5C-00108	10168	Pb-214	1.07	0.025	0.035	1.7		1.00 - 5.00
5C-00108	10168	Pu-236	-0.0005	0.0038	0.0006	7.79	U	1.00 - 5.00
5C-00108	10168	Pu-238	-0.0016	0.0056	0.001	0.0415	U	1.00 - 5.00
5C-00108	10168	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00108	10168	Pu-244	0.001	0.0014	0.0007	0.0313	U	1.00 - 5.00
5C-00108	10168	Rn-220	1.36	0.02	0.11	--		1.00 - 5.00
5C-00108	10168	Rn-222	1.01	0.025	0.049	--		1.00 - 5.00
5C-00108	10168	Sb-125	0.157	0.04	0.012	0.354	J	1.00 - 5.00
5C-00108	10168	Sn-126	-0.0022	0.018	0.0053	0.0237	U	1.00 - 5.00
5C-00108	10168	Sr-90	0.012	0.035	0.01	0.485	U	1.00 - 5.00
5C-00108	10168	Te-125m	0.0362	0.0093	0.0028	0.0838	J	1.00 - 5.00
5C-00108	10168	Th-228	1.2	0.025	0.064	3.98		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00108	10168	Th-229	0.0024	0.014	0.0039	0.145	U	1.00 - 5.00
5C-00108	10168	Th-230	0.949	0.013	0.053	2.2		1.00 - 5.00
5C-00108	10168	Th-232	1.15	0.009	0.061	3.1		1.00 - 5.00
5C-00108	10168	Th-234	1.62	0.15	0.089	3.19	J R	1.00 - 5.00
5C-00108	10168	Tl-208	0.537	0.018	0.02	0.937		1.00 - 5.00
5C-00108	10168	Tm-171	-2.2	6.5	2	72.4	UJ	1.00 - 5.00
5C-00108	10168	U-233/234	0.963	0.008	0.052	2.02		1.00 - 5.00
5C-00108	10168	U-235/236	0.0483	0.0037	0.0084	0.151		1.00 - 5.00
5C-00108	10168	U-238	1.05	0.008	0.056	1.8		1.00 - 5.00
5C-00109	10169	Ac-227	-0.042	0.13	0.04	0.217	U	1.00 - 5.00
5C-00109	10169	Ac-228	1.32	0.082	0.048	2.4		1.00 - 5.00
5C-00109	10169	Ag-108	-0.0036	0.0017	0.0006	--	R	1.00 - 5.00
5C-00109	10169	Ag-108m	-0.0391	0.019	0.0061	--	R	1.00 - 5.00
5C-00109	10169	Am-241	0	0.0093	0.0024	0.0454	U	1.00 - 5.00
5C-00109	10169	Ba-133	-0.146	0.031	0.012	--	R	1.00 - 5.00
5C-00109	10169	Ba-137m	0.0035	0.017	0.0051	--	U	1.00 - 5.00
5C-00109	10169	Bi-212	1.16	0.15	0.092	2.15		1.00 - 5.00
5C-00109	10169	Bi-214	0.96	0.027	0.034	1.59		1.00 - 5.00
5C-00109	10169	Cd-113m	0.4	46	14	3030	U	1.00 - 5.00
5C-00109	10169	Cf-249	0.0097	0.099	0.0047	--	U	1.00 - 5.00
5C-00109	10169	Cm-243/244	0.0014	0.0091	0.0025	0.0443	U	1.00 - 5.00
5C-00109	10169	Cm-245/246	0.0028	0.01	0.0029	0.0401	U	1.00 - 5.00
5C-00109	10169	Cm-247/248	-0.0014	0.01	0.0016	0.0306	U	1.00 - 5.00
5C-00109	10169	Co-60	-0.005	0.02	0.006	0.028	U	1.00 - 5.00
5C-00109	10169	Cs-134	0.0176	0.066	0.0091	0.0864	U	1.00 - 5.00
5C-00109	10169	Cs-137	0.0037	0.018	0.0054	0.207	U	1.00 - 5.00
5C-00109	10169	Eu-152	-0.0038	0.043	0.0046	0.0566	U	1.00 - 5.00
5C-00109	10169	Eu-154	-0.062	0.11	0.034	0.15	U	1.00 - 5.00
5C-00109	10169	Eu-155	0.093	0.053	0.023	0.231		1.00 - 5.00
5C-00109	10169	Ho-166m	0.0129	0.026	0.0079	0.0432	U	1.00 - 5.00
5C-00109	10169	K-40	19.9	0.13	0.6	32.4		1.00 - 5.00
5C-00109	10169	Na-22	0.0001	0.025	0.0073	0.037	U	1.00 - 5.00
5C-00109	10169	Nb-94	-0.0002	0.015	0.0046	0.0214	U	1.00 - 5.00
5C-00109	10169	Np-236	-0.012	0.039	0.012	0.047	U	1.00 - 5.00
5C-00109	10169	Np-239	-0.023	0.1	0.031	0.139	U	1.00 - 5.00
5C-00109	10169	Pa-231	-0.05	0.66	0.2	0.936	U	1.00 - 5.00
5C-00109	10169	Pb-212	1.4	0.041	0.046	2.69	J	1.00 - 5.00
5C-00109	10169	Pb-214	1.08	0.03	0.047	1.7		1.00 - 5.00
5C-00109	10169	Pu-236	-0.0024	0.0071	0.0013	7.79	U	1.00 - 5.00
5C-00109	10169	Pu-238	-0.0012	0.0055	0.0009	0.0415	U	1.00 - 5.00
5C-00109	10169	Pu-239/240	0.0006	0.0016	0.0006	0.0404	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00109	10169	Pu-244	0.0029	0.0043	0.0016	0.0313		1.00 - 5.00
5C-00109	10169	Rn-220	1.28	0.04	0.1	--		1.00 - 5.00
5C-00109	10169	Rn-222	1.02	0.027	0.058	--		1.00 - 5.00
5C-00109	10169	Sb-125	0.029	0.05	0.021	0.354	J	1.00 - 5.00
5C-00109	10169	Sn-126	-0.0001	0.015	0.0044	0.0237	U	1.00 - 5.00
5C-00109	10169	Sr-90	0.003	0.044	0.013	0.485	U	1.00 - 5.00
5C-00109	10169	Te-125m	0.0067	0.011	0.0048	0.0838	J	1.00 - 5.00
5C-00109	10169	Th-228	1.16	0.015	0.059	3.98		1.00 - 5.00
5C-00109	10169	Th-229	0.0039	0.0026	0.002	0.145		1.00 - 5.00
5C-00109	10169	Th-230	0.903	0.01	0.048	2.2		1.00 - 5.00
5C-00109	10169	Th-232	1.23	0.003	0.062	3.1		1.00 - 5.00
5C-00109	10169	Th-234	1.34	0.23	0.085	3.19	J R	1.00 - 5.00
5C-00109	10169	Tl-208	0.56	0.02	0.021	0.937		1.00 - 5.00
5C-00109	10169	Tm-171	-13.3	11	3.3	72.4	R	1.00 - 5.00
5C-00109	10169	U-233/234	0.829	0.013	0.048	2.02		1.00 - 5.00
5C-00109	10169	U-235/236	0.0465	0.013	0.0092	0.151		1.00 - 5.00
5C-00109	10169	U-238	0.819	0.01	0.047	1.8		1.00 - 5.00
5C-00110	10170	Ac-227	0.064	0.14	0.02	0.217	U	1.00 - 5.00
5C-00110	10170	Ac-228	1.33	0.081	0.045	2.4		1.00 - 5.00
5C-00110	10170	Ag-108	-0.0014	0.0014	0.0004	--	R U	1.00 - 5.00
5C-00110	10170	Ag-108m	-0.0148	0.015	0.0046	--	R U	1.00 - 5.00
5C-00110	10170	Am-241	-0.0047	0.014	0.0034	0.0454	U	1.00 - 5.00
5C-00110	10170	Ba-133	-0.0949	0.023	0.0078	--	R U	1.00 - 5.00
5C-00110	10170	Ba-137m	0.0044	0.011	0.0034	--	U	1.00 - 5.00
5C-00110	10170	Bi-212	1.05	0.12	0.073	2.15		1.00 - 5.00
5C-00110	10170	Bi-214	0.976	0.024	0.034	1.59		1.00 - 5.00
5C-00110	10170	Cd-113m	-3	40	12	3030	U	1.00 - 5.00
5C-00110	10170	Cf-249	0.0147	0.063	0.0052	--	U R	1.00 - 5.00
5C-00110	10170	Cm-243/244	0	0.0021	0.0009	0.0443	U	1.00 - 5.00
5C-00110	10170	Cm-245/246	0.0008	0.0056	0.0014	0.0401	U J	1.00 - 5.00
5C-00110	10170	Cm-247/248	0.0022	0.002	0.0013	0.0306	J	1.00 - 5.00
5C-00110	10170	Co-60	0.0202	0.014	0.0071	0.028		1.00 - 5.00
5C-00110	10170	Cs-134	0.0115	0.052	0.0037	0.0864	U	1.00 - 5.00
5C-00110	10170	Cs-137	0.0047	0.012	0.0036	0.207	U	1.00 - 5.00
5C-00110	10170	Eu-152	0.017	0.035	0.011	0.0566		1.00 - 5.00
5C-00110	10170	Eu-154	-0.028	0.1	0.031	0.15	U	1.00 - 5.00
5C-00110	10170	Eu-155	0.073	0.033	0.013	0.231	J S K	1.00 - 5.00
5C-00110	10170	Ho-166m	0.0174	0.024	0.0072	0.0432	S K	1.00 - 5.00
5C-00110	10170	K-40	16.9	0.11	0.51	32.4		1.00 - 5.00
5C-00110	10170	Na-22	-0.012	0.023	0.0069	0.037	U UL	1.00 - 5.00
5C-00110	10170	Nb-94	0.0024	0.013	0.0029	0.0214	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00110	10170	Np-236	-0.0001	0.03	0.009	0.047	U	1.00 - 5.00
5C-00110	10170	Np-239	-0.009	0.087	0.026	0.139	U	1.00 - 5.00
5C-00110	10170	Pa-231	0.001	0.54	0.16	0.936	U	1.00 - 5.00
5C-00110	10170	Pb-212	1.7	0.022	0.069	2.69		1.00 - 5.00
5C-00110	10170	Pb-214	1.07	0.026	0.036	1.7		1.00 - 5.00
5C-00110	10170	Pu-236	-0.0005	0.0056	0.0012	7.79	U	1.00 - 5.00
5C-00110	10170	Pu-238	0.0005	0.0055	0.0014	0.0415	U	1.00 - 5.00
5C-00110	10170	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00110	10170	Pu-244	0.0026	0.0014	0.0012	0.0313		1.00 - 5.00
5C-00110	10170	Rn-220	1.37	0.022	0.0999	--		1.00 - 5.00
5C-00110	10170	Rn-222	1.02	0.024	0.049	--		1.00 - 5.00
5C-00110	10170	Sb-125	0.165	0.04	0.012	0.354	S K	1.00 - 5.00
5C-00110	10170	Sn-126	0.0019	0.012	0.0036	0.0237	U	1.00 - 5.00
5C-00110	10170	Sr-90	0.036	0.042	0.013	0.485		1.00 - 5.00
5C-00110	10170	Te-125m	0.0382	0.0093	0.0028	0.0838	S K	1.00 - 5.00
5C-00110	10170	Th-228	1.48	0.012	0.076	3.98		1.00 - 5.00
5C-00110	10170	Th-229	0.0093	0.0028	0.0031	0.145		1.00 - 5.00
5C-00110	10170	Th-230	1.15	0.004	0.062	2.2		1.00 - 5.00
5C-00110	10170	Th-232	1.47	0.004	0.076	3.1		1.00 - 5.00
5C-00110	10170	Th-234	1.48	0.14	0.081	3.19	R	1.00 - 5.00
5C-00110	10170	Tl-208	0.518	0.018	0.019	0.937		1.00 - 5.00
5C-00110	10170	Tm-171	-2.5	5.5	1.7	72.4	U UL	1.00 - 5.00
5C-00110	10170	U-233/234	0.98	0.003	0.052	2.02		1.00 - 5.00
5C-00110	10170	U-235/236	0.0511	0.0034	0.0083	0.151		1.00 - 5.00
5C-00110	10170	U-238	0.994	0.003	0.052	1.8		1.00 - 5.00
5C-00111	10171	Ac-227	0.051	0.11	0.051	0.217	U	1.00 - 5.00
5C-00111	10171	Ac-228	1.26	0.078	0.043	2.4		1.00 - 5.00
5C-00111	10171	Ag-108	-0.002	0.0013	0.0004	--	R U	1.00 - 5.00
5C-00111	10171	Ag-108m	-0.0218	0.014	0.0045	--	R U	1.00 - 5.00
5C-00111	10171	Am-241	-0.002	0.0079	0.0016	0.0454	U	1.00 - 5.00
5C-00111	10171	Ba-133	-0.0933	0.022	0.0077	--	R U	1.00 - 5.00
5C-00111	10171	Ba-137m	-0.0032	0.014	0.0043	--	U	1.00 - 5.00
5C-00111	10171	Bi-212	1.16	0.13	0.082	2.15		1.00 - 5.00
5C-00111	10171	Bi-214	0.933	0.022	0.032	1.59		1.00 - 5.00
5C-00111	10171	Cd-113m	10	37	11	3030	U	1.00 - 5.00
5C-00111	10171	Cf-249	0.031	0.056	0.017	--	R	1.00 - 5.00
5C-00111	10171	Cm-243/244	0.0013	0.0018	0.0009	0.0443	U	1.00 - 5.00
5C-00111	10171	Cm-245/246	0	0.0091	0.0022	0.0401	U J	1.00 - 5.00
5C-00111	10171	Cm-247/248	-0.0008	0.0077	0.0016	0.0306	U J	1.00 - 5.00
5C-00111	10171	Co-60	-0.0072	0.017	0.0052	0.028	U	1.00 - 5.00
5C-00111	10171	Cs-134	0.0157	0.051	0.0045	0.0864	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00111	10171	Cs-137	-0.0034	0.015	0.0046	0.207	U	1.00 - 5.00
5C-00111	10171	Eu-152	0.0124	0.038	0.0099	0.0566	U	1.00 - 5.00
5C-00111	10171	Eu-154	-0.032	0.096	0.029	0.15	U	1.00 - 5.00
5C-00111	10171	Eu-155	0.085	0.032	0.013	0.231	J S K	1.00 - 5.00
5C-00111	10171	Ho-166m	0.0082	0.018	0.0084	0.0432	U	1.00 - 5.00
5C-00111	10171	K-40	17	0.13	0.52	32.4		1.00 - 5.00
5C-00111	10171	Na-22	0.0031	0.022	0.0067	0.037	U	1.00 - 5.00
5C-00111	10171	Nb-94	0.0058	0.014	0.0041	0.0214	U	1.00 - 5.00
5C-00111	10171	Np-236	-0.01	0.031	0.0093	0.047	U	1.00 - 5.00
5C-00111	10171	Np-239	-0.013	0.086	0.026	0.139	U	1.00 - 5.00
5C-00111	10171	Pa-231	0.06	0.58	0.17	0.936	U	1.00 - 5.00
5C-00111	10171	Pb-212	1.56	0.027	0.064	2.69		1.00 - 5.00
5C-00111	10171	Pb-214	1.01	0.027	0.035	1.7		1.00 - 5.00
5C-00111	10171	Pu-236	0.0006	0.0015	0.0005	7.79	U	1.00 - 5.00
5C-00111	10171	Pu-238	-0.0011	0.005	0.0009	0.0415	U	1.00 - 5.00
5C-00111	10171	Pu-239/240	-0.0011	0.0059	0.0012	0.0404	U	1.00 - 5.00
5C-00111	10171	Pu-244	0.0016	0.0015	0.0009	0.0313		1.00 - 5.00
5C-00111	10171	Rn-220	1.36	0.03	0.1	--		1.00 - 5.00
5C-00111	10171	Rn-222	0.972	0.022	0.048	--		1.00 - 5.00
5C-00111	10171	Sb-125	0.159	0.04	0.012	0.354	S K	1.00 - 5.00
5C-00111	10171	Sn-126	-0.0006	0.016	0.0046	0.0237	U	1.00 - 5.00
5C-00111	10171	Sr-90	0.014	0.042	0.013	0.485	U	1.00 - 5.00
5C-00111	10171	Te-125m	0.0367	0.0093	0.0027	0.0838	S K	1.00 - 5.00
5C-00111	10171	Th-228	1.25	0.017	0.062	3.98		1.00 - 5.00
5C-00111	10171	Th-229	0.0109	0.0057	0.0032	0.145		1.00 - 5.00
5C-00111	10171	Th-230	0.888	0.006	0.046	2.2		1.00 - 5.00
5C-00111	10171	Th-232	1.23	0.006	0.06	3.1		1.00 - 5.00
5C-00111	10171	Th-234	0.433	0.15	0.048	3.19	R	1.00 - 5.00
5C-00111	10171	Tl-208	0.524	0.016	0.019	0.937		1.00 - 5.00
5C-00111	10171	Tm-171	-3.3	5.1	1.6	72.4	L U	1.00 - 5.00
5C-00111	10171	U-233/234	0.94	0.003	0.051	2.02		1.00 - 5.00
5C-00111	10171	U-235/236	0.0565	0.0097	0.0092	0.151		1.00 - 5.00
5C-00111	10171	U-238	0.947	0.003	0.051	1.8		1.00 - 5.00
5C-00112	10172	Ac-227	0.035	0.13	0.025	0.217	U	0.00 - 0.50
5C-00112	10172	Ac-228	1.21	0.096	0.045	2.4		0.00 - 0.50
5C-00112	10172	Ag-108	-0.0005	0.0013	0.0004	--	U R	0.00 - 0.50
5C-00112	10172	Ag-108m	-0.0053	0.014	0.0043	--	U R	0.00 - 0.50
5C-00112	10172	Am-241	-0.0019	0.011	0.0025	0.0454	U	0.00 - 0.50
5C-00112	10172	Ba-133	-0.0039	0.017	0.0051	--	U R	0.00 - 0.50
5C-00112	10172	Ba-137m	0.0227	0.011	0.0048	--		0.00 - 0.50
5C-00112	10172	Bi-212	1	0.15	0.089	2.15		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00112	10172	Bi-214	0.915	0.028	0.034	1.59		0.00 - 0.50
5C-00112	10172	Cd-113m	-4	41	12	3030	U	0.00 - 0.50
5C-00112	10172	Cf-249	0.0021	0.065	0.0029	--	U R	0.00 - 0.50
5C-00112	10172	Cm-243/244	-0.0018	0.0084	0.0014	0.0443	U	0.00 - 0.50
5C-00112	10172	Cm-245/246	0.0011	0.0028	0.0011	0.0401	U J	0.00 - 0.50
5C-00112	10172	Cm-247/248	0	0.0028	0.0012	0.0306	U J	0.00 - 0.50
5C-00112	10172	Co-60	0.0067	0.018	0.0042	0.028	U	0.00 - 0.50
5C-00112	10172	Cs-134	-0.0003	0.016	0.0003	0.0864	U	0.00 - 0.50
5C-00112	10172	Cs-137	0.024	0.012	0.0051	0.207		0.00 - 0.50
5C-00112	10172	Eu-152	0.019	0.026	0.012	0.0566		0.00 - 0.50
5C-00112	10172	Eu-154	0.037	0.098	0.03	0.15	U	0.00 - 0.50
5C-00112	10172	Eu-155	0.055	0.035	0.014	0.231	S K	0.00 - 0.50
5C-00112	10172	Ho-166m	0.0001	0.023	0.0069	0.0432	U	0.00 - 0.50
5C-00112	10172	K-40	20	0.14	0.61	32.4		0.00 - 0.50
5C-00112	10172	Na-22	-0.0055	0.025	0.0076	0.037	U	0.00 - 0.50
5C-00112	10172	Nb-94	0.0048	0.015	0.0045	0.0214	U	0.00 - 0.50
5C-00112	10172	Np-236	0.0008	0.029	0.0086	0.047	U	0.00 - 0.50
5C-00112	10172	Np-239	-0.029	0.086	0.026	0.139	U	0.00 - 0.50
5C-00112	10172	Pa-231	0	0.59	0.14	0.936	U	0.00 - 0.50
5C-00112	10172	Pb-212	1.53	0.028	0.063	2.69		0.00 - 0.50
5C-00112	10172	Pb-214	0.989	0.027	0.034	1.7		0.00 - 0.50
5C-00112	10172	Pu-236	-0.0009	0.0053	0.0012	7.79	U	0.00 - 0.50
5C-00112	10172	Pu-238	0.0013	0.0041	0.0012	0.0415	U	0.00 - 0.50
5C-00112	10172	Pu-239/240	0.0004	0.0041	0.001	0.0404	U	0.00 - 0.50
5C-00112	10172	Pu-244	0.0022	0.0012	0.001	0.0313		0.00 - 0.50
5C-00112	10172	Rn-220	1.27	0.03	0.11	--		0.00 - 0.50
5C-00112	10172	Rn-222	0.952	0.027	0.048	--		0.00 - 0.50
5C-00112	10172	Sb-125	0.149	0.043	0.012	0.354	S K	0.00 - 0.50
5C-00112	10172	Sn-126	0.0027	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00112	10172	Sr-90	0.007	0.053	0.016	0.485	U	0.00 - 0.50
5C-00112	10172	Te-125m	0.0343	0.0099	0.0029	0.0838	S K	0.00 - 0.50
5C-00112	10172	Th-228	1.32	0.015	0.066	3.98		0.00 - 0.50
5C-00112	10172	Th-229	0	0.015	0.0038	0.145	U	0.00 - 0.50
5C-00112	10172	Th-230	0.978	0.003	0.051	2.2		0.00 - 0.50
5C-00112	10172	Th-232	1.24	0.007	0.062	3.1		0.00 - 0.50
5C-00112	10172	Th-234	0.66	0.15	0.053	3.19	R	0.00 - 0.50
5C-00112	10172	Tl-208	0.478	0.019	0.018	0.937		0.00 - 0.50
5C-00112	10172	Tm-171	1.6	5.8	1.7	72.4	U	0.00 - 0.50
5C-00112	10172	U-233/234	0.915	0.01	0.047	2.02		0.00 - 0.50
5C-00112	10172	U-235/236	0.0423	0.0028	0.0068	0.151		0.00 - 0.50
5C-00112	10172	U-238	0.91	0.002	0.047	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00112	10173	Ac-227	0.04	0.15	0.05	0.217	U	1.00 - 5.00
5C-00112	10173	Ac-228	1.22	0.1	0.045	2.4		1.00 - 5.00
5C-00112	10173	Ag-108	-0.0003	0.0014	0.0004	--	UJ	1.00 - 5.00
5C-00112	10173	Ag-108m	-0.0036	0.015	0.0046	--	UJ	1.00 - 5.00
5C-00112	10173	Am-241	0.0047	0.0026	0.0021	0.0454		1.00 - 5.00
5C-00112	10173	Ba-133	-0.0072	0.017	0.0051	--	UJ	1.00 - 5.00
5C-00112	10173	Ba-137m	0.0051	0.018	0.0065	--	U	1.00 - 5.00
5C-00112	10173	Bi-212	1.04	0.13	0.075	2.15		1.00 - 5.00
5C-00112	10173	Bi-214	1	0.03	0.036	1.59		1.00 - 5.00
5C-00112	10173	Cd-113m	7	41	12	3030	U	1.00 - 5.00
5C-00112	10173	Cf-249	0.0051	0.072	0.0046	--	U	1.00 - 5.00
5C-00112	10173	Cm-243/244	-0.0009	0.0068	0.001	0.0443	U	1.00 - 5.00
5C-00112	10173	Cm-245/246	0.0013	0.0095	0.0023	0.0401	U	1.00 - 5.00
5C-00112	10173	Cm-247/248	0.0013	0.0034	0.0013	0.0306	U	1.00 - 5.00
5C-00112	10173	Co-60	-0.0008	0.02	0.0018	0.028	U	1.00 - 5.00
5C-00112	10173	Cs-134	-0.0043	0.018	0.0042	0.0864	U	1.00 - 5.00
5C-00112	10173	Cs-137	0.0054	0.019	0.0069	0.207	U	1.00 - 5.00
5C-00112	10173	Eu-152	-0.002	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00112	10173	Eu-154	0.0038	0.11	0.0066	0.15	U	1.00 - 5.00
5C-00112	10173	Eu-155	0.082	0.035	0.014	0.231		1.00 - 5.00
5C-00112	10173	Ho-166m	-0.0007	0.028	0.0007	0.0432	U	1.00 - 5.00
5C-00112	10173	K-40	18.5	0.15	0.57	32.4		1.00 - 5.00
5C-00112	10173	Na-22	-0.0012	0.023	0.0069	0.037	U	1.00 - 5.00
5C-00112	10173	Nb-94	0.0078	0.015	0.0045	0.0214		1.00 - 5.00
5C-00112	10173	Np-236	-0.0002	0.029	0.0086	0.047	U	1.00 - 5.00
5C-00112	10173	Np-239	0.014	0.093	0.028	0.139	U	1.00 - 5.00
5C-00112	10173	Pa-231	-0.03	0.61	0.18	0.936	U	1.00 - 5.00
5C-00112	10173	Pb-212	1.68	0.025	0.068	2.69	J	1.00 - 5.00
5C-00112	10173	Pb-214	1.1	0.029	0.038	1.7		1.00 - 5.00
5C-00112	10173	Pu-236	0	0.0041	0.0008	7.79	U	1.00 - 5.00
5C-00112	10173	Pu-238	-0.0006	0.0052	0.001	0.0415	U	1.00 - 5.00
5C-00112	10173	Pu-239/240	0	0.0015	0.0006	0.0404	U	1.00 - 5.00
5C-00112	10173	Pu-244	0.0017	0.0015	0.001	0.0313		1.00 - 5.00
5C-00112	10173	Rn-220	1.36	0.02	0.1	--		1.00 - 5.00
5C-00112	10173	Rn-222	1.05	0.029	0.052	--		1.00 - 5.00
5C-00112	10173	Sb-125	0.142	0.047	0.012	0.354	J	1.00 - 5.00
5C-00112	10173	Sn-126	0.0018	0.014	0.0041	0.0237	U	1.00 - 5.00
5C-00112	10173	Sr-90	0.0007	0.033	0.0094	0.485	U	1.00 - 5.00
5C-00112	10173	Te-125m	0.0329	0.011	0.0027	0.0838	J	1.00 - 5.00
5C-00112	10173	Th-228	1.26	0.024	0.067	3.98		1.00 - 5.00
5C-00112	10173	Th-229	0.0041	0.0028	0.0021	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00112	10173	Th-230	1.02	0.01	0.056	2.2		1.00 - 5.00
5C-00112	10173	Th-232	1.23	0.009	0.065	3.1		1.00 - 5.00
5C-00112	10173	Th-234	0.692	0.16	0.057	3.19	J R	1.00 - 5.00
5C-00112	10173	Tl-208	0.502	0.019	0.019	0.937		1.00 - 5.00
5C-00112	10173	Tm-171	-1.4	5.4	1.6	72.4	UJ	1.00 - 5.00
5C-00112	10173	U-233/234	0.87	0.008	0.046	2.02		1.00 - 5.00
5C-00112	10173	U-235/236	0.067	0.0077	0.009	0.151		1.00 - 5.00
5C-00112	10173	U-238	0.855	0.002	0.045	1.8		1.00 - 5.00
5C-00114	10175	Ac-227	0.341	0.1	0.018	0.217		0.00 - 0.50
5C-00114	10175	Ac-228	0.943	0.06	0.035	2.4	B	0.00 - 0.50
5C-00114	10175	Ag-108	-0.0006	0.0009	0.0003	--	L U R	0.00 - 0.50
5C-00114	10175	Ag-108m	-0.0068	0.01	0.0031	--	L U R	0.00 - 0.50
5C-00114	10175	Am-241	0.0019	0.0071	0.002	0.0454	U	0.00 - 0.50
5C-00114	10175	Ba-133	-0.0746	0.017	0.0061	--	R U	0.00 - 0.50
5C-00114	10175	Ba-137m	0.0216	0.0079	0.0036	--		0.00 - 0.50
5C-00114	10175	Bi-212	0.823	0.094	0.06	2.15		0.00 - 0.50
5C-00114	10175	Bi-214	0.605	0.018	0.024	1.59		0.00 - 0.50
5C-00114	10175	Cd-113m	-2.2	30	9	3030	U	0.00 - 0.50
5C-00114	10175	Cf-249	-0.023	0.045	0.014	--	U R	0.00 - 0.50
5C-00114	10175	Cm-243/244	0	0.0026	0.0011	0.0443	U	0.00 - 0.50
5C-00114	10175	Cm-245/246	0.0023	0.003	0.0016	0.0401	U J	0.00 - 0.50
5C-00114	10175	Cm-247/248	0.0044	0.0081	0.0028	0.0306	J	0.00 - 0.50
5C-00114	10175	Co-60	0.0025	0.013	0.0031	0.028	U	0.00 - 0.50
5C-00114	10175	Cs-134	0.0159	0.03	0.0038	0.0864	S K	0.00 - 0.50
5C-00114	10175	Cs-137	0.0228	0.0083	0.0038	0.207		0.00 - 0.50
5C-00114	10175	Eu-152	0.0092	0.025	0.0042	0.0566	U	0.00 - 0.50
5C-00114	10175	Eu-154	0.0044	0.068	0.008	0.15	U	0.00 - 0.50
5C-00114	10175	Eu-155	0.072	0.028	0.012	0.231	S K	0.00 - 0.50
5C-00114	10175	Ho-166m	0.0068	0.016	0.0047	0.0432	U	0.00 - 0.50
5C-00114	10175	K-40	19.1	0.13	0.63	32.4		0.00 - 0.50
5C-00114	10175	Na-22	0.0005	0.017	0.0049	0.037	U	0.00 - 0.50
5C-00114	10175	Nb-94	0.0035	0.0096	0.0029	0.0214	U	0.00 - 0.50
5C-00114	10175	Np-236	0.001	0.023	0.007	0.047	U	0.00 - 0.50
5C-00114	10175	Np-239	-0.012	0.068	0.021	0.139	U	0.00 - 0.50
5C-00114	10175	Pa-231	0.07	0.42	0.13	0.936	U	0.00 - 0.50
5C-00114	10175	Pb-212	1.26	0.019	0.066	2.69		0.00 - 0.50
5C-00114	10175	Pb-214	0.695	0.019	0.027	1.7		0.00 - 0.50
5C-00114	10175	Pu-236	0.0017	0.0023	0.0012	7.79		0.00 - 0.50
5C-00114	10175	Pu-238	-0.0031	0.009	0.0014	0.0415	L U	0.00 - 0.50
5C-00114	10175	Pu-239/240	-0.001	0.0062	0.0008	0.0404	U	0.00 - 0.50
5C-00114	10175	Pu-244	0.0034	0.0023	0.0017	0.0313		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00114	10175	Rn-220	1.04	0.019	0.09	--		0.00 - 0.50
5C-00114	10175	Rn-222	0.65	0.018	0.036	--		0.00 - 0.50
5C-00114	10175	Sb-125	0.0836	0.029	0.0064	0.354	S K	0.00 - 0.50
5C-00114	10175	Sn-126	-0.0009	0.01	0.0031	0.0237	U	0.00 - 0.50
5C-00114	10175	Sr-90	0.02	0.038	0.012	0.485	U	0.00 - 0.50
5C-00114	10175	Te-125m	0.0193	0.0067	0.0015	0.0838	S K	0.00 - 0.50
5C-00114	10175	Th-228	1.01	0.021	0.054	3.98		0.00 - 0.50
5C-00114	10175	Th-229	0.0077	0.0021	0.0025	0.145		0.00 - 0.50
5C-00114	10175	Th-230	0.648	0.003	0.038	2.2		0.00 - 0.50
5C-00114	10175	Th-232	0.964	0.008	0.052	3.1		0.00 - 0.50
5C-00114	10175	Th-234	0.241	0.12	0.037	3.19	R	0.00 - 0.50
5C-00114	10175	Tl-208	0.389	0.012	0.015	0.937		0.00 - 0.50
5C-00114	10175	Tm-171	6.6	4.6	1.9	72.4		0.00 - 0.50
5C-00114	10175	U-233/234	0.375	0.006	0.023	2.02		0.00 - 0.50
5C-00114	10175	U-235/236	0.0278	0.0027	0.0054	0.151		0.00 - 0.50
5C-00114	10175	U-238	0.386	0.002	0.024	1.8		0.00 - 0.50
5C-00115	10176	Ac-227	0.022	0.1	0.039	0.217	U	0.00 - 0.50
5C-00115	10176	Ac-228	0.992	0.045	0.033	2.4		0.00 - 0.50
5C-00115	10176	Ag-108	-0.0011	0.0009	0.0003	--	R U	0.00 - 0.50
5C-00115	10176	Ag-108m	-0.0115	0.0095	0.003	--	R U	0.00 - 0.50
5C-00115	10176	Am-241	0.0007	0.0071	0.0018	0.0454	U	0.00 - 0.50
5C-00115	10176	Ba-133	-0.0113	0.012	0.0036	--	R U	0.00 - 0.50
5C-00115	10176	Ba-137m	0.0177	0.0067	0.0028	--		0.00 - 0.50
5C-00115	10176	Bi-212	0.79	0.089	0.055	2.15		0.00 - 0.50
5C-00115	10176	Bi-214	0.63	0.018	0.022	1.59		0.00 - 0.50
5C-00115	10176	Cd-113m	-0.8	27	8.1	3030	U	0.00 - 0.50
5C-00115	10176	Cf-249	-0.024	0.04	0.012	--	U R	0.00 - 0.50
5C-00115	10176	Cm-243/244	0.0013	0.006	0.0017	0.0443	U	0.00 - 0.50
5C-00115	10176	Cm-245/246	0.0006	0.0058	0.0014	0.0401	U J	0.00 - 0.50
5C-00115	10176	Cm-247/248	0.0008	0.0021	0.0008	0.0306	U J	0.00 - 0.50
5C-00115	10176	Co-60	-0.0035	0.012	0.0035	0.028	U	0.00 - 0.50
5C-00115	10176	Cs-134	0.0075	0.03	0.0017	0.0864	U	0.00 - 0.50
5C-00115	10176	Cs-137	0.0188	0.007	0.003	0.207		0.00 - 0.50
5C-00115	10176	Eu-152	0.0135	0.023	0.0081	0.0566		0.00 - 0.50
5C-00115	10176	Eu-154	-0.013	0.063	0.019	0.15	U	0.00 - 0.50
5C-00115	10176	Eu-155	0.0591	0.024	0.0098	0.231	S K	0.00 - 0.50
5C-00115	10176	Ho-166m	0.0324	0.014	0.0043	0.0432	S K	0.00 - 0.50
5C-00115	10176	K-40	17.9	0.1	0.53	32.4		0.00 - 0.50
5C-00115	10176	Na-22	0.0002	0.016	0.0047	0.037	U	0.00 - 0.50
5C-00115	10176	Nb-94	0.0013	0.0091	0.0027	0.0214	U	0.00 - 0.50
5C-00115	10176	Np-236	-0.0047	0.022	0.0066	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00115	10176	Np-239	0.045	0.049	0.02	0.139		0.00 - 0.50
5C-00115	10176	Pa-231	0.04	0.4	0.12	0.936	U	0.00 - 0.50
5C-00115	10176	Pb-212	1.22	0.018	0.049	2.69		0.00 - 0.50
5C-00115	10176	Pb-214	0.702	0.019	0.024	1.7		0.00 - 0.50
5C-00115	10176	Pu-236	-0.0023	0.01	0.0026	7.79	U	0.00 - 0.50
5C-00115	10176	Pu-238	0.0011	0.0015	0.0008	0.0415	U	0.00 - 0.50
5C-00115	10176	Pu-239/240	0.0028	0.0042	0.0015	0.0404		0.00 - 0.50
5C-00115	10176	Pu-244	0.0028	0.0015	0.0013	0.0313		0.00 - 0.50
5C-00115	10176	Rn-220	1.01	0.018	0.074	--		0.00 - 0.50
5C-00115	10176	Rn-222	0.666	0.018	0.033	--		0.00 - 0.50
5C-00115	10176	Sb-125	0.095	0.025	0.0068	0.354	S K	0.00 - 0.50
5C-00115	10176	Sn-126	-0.0018	0.01	0.0031	0.0237	U	0.00 - 0.50
5C-00115	10176	Sr-90	0.015	0.055	0.016	0.485	U	0.00 - 0.50
5C-00115	10176	Te-125m	0.022	0.0058	0.0016	0.0838	S K	0.00 - 0.50
5C-00115	10176	Th-228	0.971	0.008	0.048	3.98	J	0.00 - 0.50
5C-00115	10176	Th-229	0.0053	0.0018	0.0019	0.145		0.00 - 0.50
5C-00115	10176	Th-230	0.674	0.005	0.035	2.2	J	0.00 - 0.50
5C-00115	10176	Th-232	0.951	0.005	0.047	3.1	J	0.00 - 0.50
5C-00115	10176	Th-234	0.221	0.11	0.036	3.19	R	0.00 - 0.50
5C-00115	10176	Tl-208	0.377	0.012	0.014	0.937		0.00 - 0.50
5C-00115	10176	Tm-171	-3	4.2	1.3	72.4	L U	0.00 - 0.50
5C-00115	10176	U-233/234	0.505	0.005	0.027	2.02		0.00 - 0.50
5C-00115	10176	U-235/236	0.0244	0.0017	0.0041	0.151		0.00 - 0.50
5C-00115	10176	U-238	0.518	0.004	0.027	1.8		0.00 - 0.50
5C-00116	10177	Ac-227	0.042	0.13	0.013	0.217	U	0.00 - 0.50
5C-00116	10177	Ac-228	0.95	0.079	0.035	2.4		0.00 - 0.50
5C-00116	10177	Ag-108	-0.0006	0.0013	0.0004	--	U R	0.00 - 0.50
5C-00116	10177	Ag-108m	-0.0067	0.014	0.0041	--	U R	0.00 - 0.50
5C-00116	10177	Am-241	-0.0013	0.008	0.0018	0.0454	U	0.00 - 0.50
5C-00116	10177	Ba-133	-0.0705	0.02	0.0068	--	R U	0.00 - 0.50
5C-00116	10177	Ba-137m	0.016	0.0096	0.004	--		0.00 - 0.50
5C-00116	10177	Bi-212	0.768	0.11	0.062	2.15		0.00 - 0.50
5C-00116	10177	Bi-214	0.593	0.026	0.025	1.59		0.00 - 0.50
5C-00116	10177	Cd-113m	3	35	11	3030	U	0.00 - 0.50
5C-00116	10177	Cf-249	0.0026	0.057	0.0034	--	U R	0.00 - 0.50
5C-00116	10177	Cm-243/244	-0.0007	0.0079	0.0019	0.0443	U	0.00 - 0.50
5C-00116	10177	Cm-245/246	0.0025	0.0034	0.0018	0.0401	U J	0.00 - 0.50
5C-00116	10177	Cm-247/248	0	0.0034	0.0011	0.0306	U J	0.00 - 0.50
5C-00116	10177	Co-60	0	0.019	0.0057	0.028	U	0.00 - 0.50
5C-00116	10177	Cs-134	0.0066	0.044	0.0038	0.0864	U	0.00 - 0.50
5C-00116	10177	Cs-137	0.0169	0.01	0.0042	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00116	10177	Eu-152	0.003	0.034	0.012	0.0566	U	0.00 - 0.50
5C-00116	10177	Eu-154	0.0066	0.084	0.0042	0.15	U	0.00 - 0.50
5C-00116	10177	Eu-155	0.038	0.035	0.011	0.231	S K	0.00 - 0.50
5C-00116	10177	Ho-166m	0.0014	0.022	0.0092	0.0432	U	0.00 - 0.50
5C-00116	10177	K-40	19.6	0.12	0.59	32.4		0.00 - 0.50
5C-00116	10177	Na-22	0	0.024	0.0072	0.037	U	0.00 - 0.50
5C-00116	10177	Nb-94	0.0129	0.009	0.0039	0.0214	S K	0.00 - 0.50
5C-00116	10177	Np-236	-0.0096	0.028	0.0084	0.047	U	0.00 - 0.50
5C-00116	10177	Np-239	0.014	0.077	0.023	0.139	U	0.00 - 0.50
5C-00116	10177	Pa-231	0.1	0.53	0.16	0.936	U	0.00 - 0.50
5C-00116	10177	Pb-212	1.29	0.02	0.053	2.69		0.00 - 0.50
5C-00116	10177	Pb-214	0.662	0.024	0.025	1.7		0.00 - 0.50
5C-00116	10177	Pu-236	0.0007	0.0018	0.0007	7.79	U	0.00 - 0.50
5C-00116	10177	Pu-238	-0.0013	0.0061	0.001	0.0415	U	0.00 - 0.50
5C-00116	10177	Pu-239/240	0	0.0018	0.0007	0.0404	U	0.00 - 0.50
5C-00116	10177	Pu-244	0.0033	0.0018	0.0015	0.0313		0.00 - 0.50
5C-00116	10177	Rn-220	1.03	0.02	0.081	--		0.00 - 0.50
5C-00116	10177	Rn-222	0.627	0.024	0.035	--		0.00 - 0.50
5C-00116	10177	Sb-125	0.101	0.039	0.01	0.354	S K	0.00 - 0.50
5C-00116	10177	Sn-126	0	0.016	0.0035	0.0237	U	0.00 - 0.50
5C-00116	10177	Sr-90	-0.017	0.07	0.02	0.485	U	0.00 - 0.50
5C-00116	10177	Te-125m	0.0233	0.009	0.0023	0.0838	S K	0.00 - 0.50
5C-00116	10177	Th-228	0.95	0.012	0.048	3.98	J	0.00 - 0.50
5C-00116	10177	Th-229	0.0128	0.0092	0.0042	0.145		0.00 - 0.50
5C-00116	10177	Th-230	0.61	0.005	0.033	2.2	J	0.00 - 0.50
5C-00116	10177	Th-232	0.931	0.008	0.047	3.1	J	0.00 - 0.50
5C-00116	10177	Th-234	0.199	0.14	0.042	3.19	R	0.00 - 0.50
5C-00116	10177	Tl-208	0.405	0.017	0.016	0.937		0.00 - 0.50
5C-00116	10177	Tm-171	2.6	5.5	1.7	72.4	U	0.00 - 0.50
5C-00116	10177	U-233/234	0.554	0.003	0.035	2.02		0.00 - 0.50
5C-00116	10177	U-235/236	0.0282	0.004	0.0066	0.151		0.00 - 0.50
5C-00116	10177	U-238	0.54	0.011	0.034	1.8		0.00 - 0.50
5C-00117	10178	Ac-227	0.011	0.089	0.038	0.217	U	0.00 - 0.50
5C-00117	10178	Ac-228	1.1	0.074	0.038	2.4		0.00 - 0.50
5C-00117	10178	Ag-108	-0.0012	0.0013	0.0004	--	L U R	0.00 - 0.50
5C-00117	10178	Ag-108m	-0.0125	0.014	0.0044	--	L U R	0.00 - 0.50
5C-00117	10178	Am-241	-0.0007	0.0071	0.0016	0.0454	U	0.00 - 0.50
5C-00117	10178	Ba-133	-0.0535	0.018	0.006	--	R U	0.00 - 0.50
5C-00117	10178	Ba-137m	0.0198	0.011	0.0037	--		0.00 - 0.50
5C-00117	10178	Bi-212	0.885	0.1	0.06	2.15		0.00 - 0.50
5C-00117	10178	Bi-214	0.71	0.026	0.027	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00117	10178	Cd-113m	11	37	11	3030	U	0.00 - 0.50
5C-00117	10178	Cf-249	0.0021	0.045	0.0038	--	U R	0.00 - 0.50
5C-00117	10178	Cm-243/244	0	0.0017	0.0007	0.0443	U	0.00 - 0.50
5C-00117	10178	Cm-245/246	0.0017	0.0074	0.002	0.0401	U J	0.00 - 0.50
5C-00117	10178	Cm-247/248	0.0025	0.0033	0.0017	0.0306	J	0.00 - 0.50
5C-00117	10178	Co-60	0.0019	0.017	0.005	0.028	U	0.00 - 0.50
5C-00117	10178	Cs-134	0.0003	0.046	0.0025	0.0864	U	0.00 - 0.50
5C-00117	10178	Cs-137	0.0209	0.012	0.0039	0.207		0.00 - 0.50
5C-00117	10178	Eu-152	-0.002	0.035	0.011	0.0566	U	0.00 - 0.50
5C-00117	10178	Eu-154	-0.027	0.096	0.029	0.15	U	0.00 - 0.50
5C-00117	10178	Eu-155	0.069	0.031	0.012	0.231	S K	0.00 - 0.50
5C-00117	10178	Ho-166m	0.0036	0.022	0.008	0.0432	U	0.00 - 0.50
5C-00117	10178	K-40	18.5	0.14	0.56	32.4		0.00 - 0.50
5C-00117	10178	Na-22	0.0012	0.02	0.006	0.037	U	0.00 - 0.50
5C-00117	10178	Nb-94	0.0074	0.013	0.004	0.0214	S K	0.00 - 0.50
5C-00117	10178	Np-236	-0.0051	0.029	0.0088	0.047	U	0.00 - 0.50
5C-00117	10178	Np-239	0.009	0.074	0.022	0.139	U	0.00 - 0.50
5C-00117	10178	Pa-231	0.011	0.51	0.026	0.936	U	0.00 - 0.50
5C-00117	10178	Pb-212	1.37	0.023	0.042	2.69		0.00 - 0.50
5C-00117	10178	Pb-214	0.764	0.026	0.033	1.7		0.00 - 0.50
5C-00117	10178	Pu-236	0	0.0017	0.0007	7.79	U	0.00 - 0.50
5C-00117	10178	Pu-238	0.0006	0.0047	0.0011	0.0415	U	0.00 - 0.50
5C-00117	10178	Pu-239/240	0.0006	0.0017	0.0006	0.0404	U	0.00 - 0.50
5C-00117	10178	Pu-244	0.0006	0.0017	0.0006	0.0313	U	0.00 - 0.50
5C-00117	10178	Rn-220	1.13	0.023	0.073	--		0.00 - 0.50
5C-00117	10178	Rn-222	0.737	0.026	0.043	--		0.00 - 0.50
5C-00117	10178	Sb-125	0.107	0.04	0.0093	0.354	S K	0.00 - 0.50
5C-00117	10178	Sn-126	-0.0001	0.012	0.0035	0.0237	U	0.00 - 0.50
5C-00117	10178	Sr-90	0.02	0.057	0.017	0.485	U	0.00 - 0.50
5C-00117	10178	Te-125m	0.0247	0.0091	0.0021	0.0838	S K	0.00 - 0.50
5C-00117	10178	Th-228	1.19	0.009	0.057	3.98	J	0.00 - 0.50
5C-00117	10178	Th-229	0.0088	0.0072	0.0033	0.145		0.00 - 0.50
5C-00117	10178	Th-230	0.749	0.005	0.039	2.2	J	0.00 - 0.50
5C-00117	10178	Th-232	1.1	0.002	0.054	3.1	J	0.00 - 0.50
5C-00117	10178	Th-234	0.564	0.15	0.049	3.19	R	0.00 - 0.50
5C-00117	10178	Tl-208	0.457	0.019	0.019	0.937		0.00 - 0.50
5C-00117	10178	Tm-171	-3.9	5.1	1.6	72.4	L U	0.00 - 0.50
5C-00117	10178	U-233/234	0.64	0.011	0.039	2.02		0.00 - 0.50
5C-00117	10178	U-235/236	0.0427	0.0041	0.0083	0.151		0.00 - 0.50
5C-00117	10178	U-238	0.65	0.009	0.039	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00118	10179	Ac-227	0.046	0.11	0.027	0.217	U	1.00 - 5.00
5C-00118	10179	Ac-228	1.29	0.087	0.045	2.4		1.00 - 5.00
5C-00118	10179	Ag-108	-0.0005	0.0012	0.0004	--	UJ	1.00 - 5.00
5C-00118	10179	Ag-108m	-0.0051	0.013	0.0041	--	UJ	1.00 - 5.00
5C-00118	10179	Am-241	0.0017	0.0016	0.001	0.0454		1.00 - 5.00
5C-00118	10179	Ba-133	-0.0118	0.016	0.0049	--	UL	1.00 - 5.00
5C-00118	10179	Ba-137m	0.0024	0.015	0.0045	--	U	1.00 - 5.00
5C-00118	10179	Bi-212	1.19	0.13	0.081	2.15		1.00 - 5.00
5C-00118	10179	Bi-214	0.836	0.025	0.03	1.59		1.00 - 5.00
5C-00118	10179	Cd-113m	6	37	11	3030	U	1.00 - 5.00
5C-00118	10179	Cf-249	0.0046	0.046	0.0032	--	U	1.00 - 5.00
5C-00118	10179	Cm-243/244	0.0017	0.0015	0.001	0.0443		1.00 - 5.00
5C-00118	10179	Cm-245/246	0.0025	0.0033	0.0017	0.0401	U	1.00 - 5.00
5C-00118	10179	Cm-247/248	0	0.0033	0.0014	0.0306	U	1.00 - 5.00
5C-00118	10179	Co-60	0.0023	0.018	0.0024	0.028	U	1.00 - 5.00
5C-00118	10179	Cs-134	-0.0023	0.016	0.0048	0.0864	U	1.00 - 5.00
5C-00118	10179	Cs-137	0.0025	0.016	0.0048	0.207	U	1.00 - 5.00
5C-00118	10179	Eu-152	-0.004	0.036	0.011	0.0566	U	1.00 - 5.00
5C-00118	10179	Eu-154	-0.035	0.1	0.03	0.15	U	1.00 - 5.00
5C-00118	10179	Eu-155	0.095	0.032	0.013	0.231		1.00 - 5.00
5C-00118	10179	Ho-166m	0.0046	0.023	0.0027	0.0432	U	1.00 - 5.00
5C-00118	10179	K-40	16.6	0.12	0.51	32.4		1.00 - 5.00
5C-00118	10179	Na-22	-0.0068	0.024	0.0073	0.037	U	1.00 - 5.00
5C-00118	10179	Nb-94	0.0043	0.014	0.0041	0.0214	U	1.00 - 5.00
5C-00118	10179	Np-236	-0.0058	0.029	0.0089	0.047	U	1.00 - 5.00
5C-00118	10179	Np-239	0.0005	0.071	0.021	0.139	U	1.00 - 5.00
5C-00118	10179	Pa-231	0.16	0.55	0.13	0.936	U	1.00 - 5.00
5C-00118	10179	Pb-212	1.71	0.024	0.07	2.69		1.00 - 5.00
5C-00118	10179	Pb-214	0.94	0.025	0.032	1.7		1.00 - 5.00
5C-00118	10179	Pu-236	0	0.0022	0.0007	7.79	UJ	1.00 - 5.00
5C-00118	10179	Pu-238	0.0003	0.0049	0.001	0.0415	UJ	1.00 - 5.00
5C-00118	10179	Pu-239/240	0.0016	0.0022	0.0012	0.0404	UJ	1.00 - 5.00
5C-00118	10179	Pu-244	0.002	0.0048	0.0015	0.0313	J	1.00 - 5.00
5C-00118	10179	Rn-220	1.45	0.02	0.11	--		1.00 - 5.00
5C-00118	10179	Rn-222	0.888	0.025	0.044	--		1.00 - 5.00
5C-00118	10179	Sb-125	0.12	0.032	0.0088	0.354	J	1.00 - 5.00
5C-00118	10179	Sn-126	0.001	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00118	10179	Sr-90	0.012	0.036	0.011	0.485	U	1.00 - 5.00
5C-00118	10179	Te-125m	0.0278	0.0073	0.002	0.0838	J	1.00 - 5.00
5C-00118	10179	Th-228	1.41	0.015	0.069	3.98		1.00 - 5.00
5C-00118	10179	Th-229	0.0051	0.0078	0.0027	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00118	10179	Th-230	0.914	0.009	0.048	2.2		1.00 - 5.00
5C-00118	10179	Th-232	1.35	0.007	0.067	3.1		1.00 - 5.00
5C-00118	10179	Th-234	0.619	0.14	0.049	3.19	J R	1.00 - 5.00
5C-00118	10179	Tl-208	0.548	0.015	0.019	0.937		1.00 - 5.00
5C-00118	10179	Tm-171	-1.8	6.2	1.9	72.4	U	1.00 - 5.00
5C-00118	10179	U-233/234	0.613	0.005	0.031	2.02		1.00 - 5.00
5C-00118	10179	U-235/236	0.0392	0.0058	0.0054	0.151		1.00 - 5.00
5C-00118	10179	U-238	0.664	0.001	0.033	1.8		1.00 - 5.00
5C-00119	10180	Ac-227	0.016	0.13	0.044	0.217	U	1.00 - 5.00
5C-00119	10180	Ac-228	1.34	0.078	0.045	2.4		1.00 - 5.00
5C-00119	10180	Ag-108	0	0.0013	0	--	UJ	1.00 - 5.00
5C-00119	10180	Ag-108m	-0.0005	0.014	0.0005	--	UJ	1.00 - 5.00
5C-00119	10180	Am-241	0.0028	0.0019	0.0014	0.0454		1.00 - 5.00
5C-00119	10180	Ba-133	-0.0082	0.014	0.0043	--	U	1.00 - 5.00
5C-00119	10180	Ba-137m	0.0174	0.015	0.0059	--		1.00 - 5.00
5C-00119	10180	Bi-212	0.973	0.13	0.072	2.15		1.00 - 5.00
5C-00119	10180	Bi-214	0.811	0.02	0.028	1.59		1.00 - 5.00
5C-00119	10180	Cd-113m	1.4	32	9.5	3030	U	1.00 - 5.00
5C-00119	10180	Cf-249	0.018	0.062	0.019	--	U	1.00 - 5.00
5C-00119	10180	Cm-243/244	0.002	0.0018	0.0012	0.0443		1.00 - 5.00
5C-00119	10180	Cm-245/246	0.001	0.0075	0.0018	0.0401	U	1.00 - 5.00
5C-00119	10180	Cm-247/248	0	0.0027	0.0011	0.0306	U	1.00 - 5.00
5C-00119	10180	Co-60	0.0006	0.018	0.0031	0.028	U	1.00 - 5.00
5C-00119	10180	Cs-134	-0.0115	0.017	0.0052	0.0864	UL	1.00 - 5.00
5C-00119	10180	Cs-137	0.0184	0.016	0.0062	0.207		1.00 - 5.00
5C-00119	10180	Eu-152	0.0003	0.035	0.01	0.0566	U	1.00 - 5.00
5C-00119	10180	Eu-154	-0.016	0.1	0.03	0.15	U	1.00 - 5.00
5C-00119	10180	Eu-155	0.091	0.031	0.012	0.231		1.00 - 5.00
5C-00119	10180	Ho-166m	0.0181	0.016	0.0075	0.0432		1.00 - 5.00
5C-00119	10180	K-40	16.3	0.11	0.5	32.4		1.00 - 5.00
5C-00119	10180	Na-22	0.0178	0.015	0.0062	0.037		1.00 - 5.00
5C-00119	10180	Nb-94	0.0051	0.014	0.0042	0.0214	U	1.00 - 5.00
5C-00119	10180	Np-236	0.0086	0.02	0.0068	0.047	U	1.00 - 5.00
5C-00119	10180	Np-239	-0.02	0.086	0.026	0.139	U	1.00 - 5.00
5C-00119	10180	Pa-231	0.005	0.55	0.16	0.936	U	1.00 - 5.00
5C-00119	10180	Pb-212	1.66	0.023	0.068	2.69		1.00 - 5.00
5C-00119	10180	Pb-214	0.933	0.025	0.032	1.7		1.00 - 5.00
5C-00119	10180	Pu-236	0	0.0023	0.0008	7.79	U	1.00 - 5.00
5C-00119	10180	Pu-238	0	0.0023	0.0008	0.0415	U	1.00 - 5.00
5C-00119	10180	Pu-239/240	0	0.0023	0.0008	0.0404	U	1.00 - 5.00
5C-00119	10180	Pu-244	0.0009	0.0023	0.0009	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00119	10180	Rn-220	1.32	0.023	0.099	--		1.00 - 5.00
5C-00119	10180	Rn-222	0.872	0.02	0.042	--		1.00 - 5.00
5C-00119	10180	Sb-125	0.174	0.041	0.012	0.354	J	1.00 - 5.00
5C-00119	10180	Sn-126	0.002	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00119	10180	Sr-90	-0.019	0.048	0.013	0.485	U	1.00 - 5.00
5C-00119	10180	Te-125m	0.0401	0.0095	0.0029	0.0838	J	1.00 - 5.00
5C-00119	10180	Th-228	1.34	0.02	0.068	3.98		1.00 - 5.00
5C-00119	10180	Th-229	0.0087	0.0059	0.0029	0.145		1.00 - 5.00
5C-00119	10180	Th-230	0.813	0.01	0.045	2.2		1.00 - 5.00
5C-00119	10180	Th-232	1.28	0.003	0.065	3.1		1.00 - 5.00
5C-00119	10180	Th-234	0.556	0.15	0.051	3.19	J R	1.00 - 5.00
5C-00119	10180	Tl-208	0.511	0.017	0.019	0.937		1.00 - 5.00
5C-00119	10180	Tm-171	1.6	5.5	1.7	72.4	U	1.00 - 5.00
5C-00119	10180	U-233/234	0.57	0.002	0.03	2.02		1.00 - 5.00
5C-00119	10180	U-235/236	0.0389	0.0054	0.0057	0.151		1.00 - 5.00
5C-00119	10180	U-238	0.59	0.006	0.031	1.8		1.00 - 5.00
5C-00120	10181	Ac-227	0.078	0.14	0.053	0.217		0.00 - 0.50
5C-00120	10181	Ac-228	1.2	0.084	0.042	2.4		0.00 - 0.50
5C-00120	10181	Ag-108	0.0004	0.0011	0.0003	--	U R	0.00 - 0.50
5C-00120	10181	Ag-108m	0.0037	0.012	0.0035	--	U R	0.00 - 0.50
5C-00120	10181	Am-241	-0.0008	0.0086	0.0019	0.0454	U	0.00 - 0.50
5C-00120	10181	Ba-133	-0.0409	0.018	0.0058	--	R U	0.00 - 0.50
5C-00120	10181	Ba-137m	0.0685	0.014	0.0075	--		0.00 - 0.50
5C-00120	10181	Bi-212	0.784	0.11	0.063	2.15		0.00 - 0.50
5C-00120	10181	Bi-214	0.905	0.03	0.034	1.59		0.00 - 0.50
5C-00120	10181	Cd-113m	14	39	12	3030	U	0.00 - 0.50
5C-00120	10181	Cf-249	0.0034	0.065	0.0041	--	U R	0.00 - 0.50
5C-00120	10181	Cm-243/244	0.0023	0.0057	0.0018	0.0443		0.00 - 0.50
5C-00120	10181	Cm-245/246	0.0016	0.0044	0.0016	0.0401	U J	0.00 - 0.50
5C-00120	10181	Cm-247/248	0.0016	0.0043	0.0016	0.0306	U J	0.00 - 0.50
5C-00120	10181	Co-60	-0.0008	0.017	0.0051	0.028	U	0.00 - 0.50
5C-00120	10181	Cs-134	-0.0004	0.019	0.0014	0.0864	U	0.00 - 0.50
5C-00120	10181	Cs-137	0.0724	0.015	0.008	0.207		0.00 - 0.50
5C-00120	10181	Eu-152	0.004	0.036	0.011	0.0566	U	0.00 - 0.50
5C-00120	10181	Eu-154	-0.023	0.1	0.03	0.15	U	0.00 - 0.50
5C-00120	10181	Eu-155	0.0084	0.03	0.0091	0.231	U	0.00 - 0.50
5C-00120	10181	Ho-166m	0.0066	0.026	0.0056	0.0432	U	0.00 - 0.50
5C-00120	10181	K-40	20.6	0.12	0.63	32.4		0.00 - 0.50
5C-00120	10181	Na-22	0.0022	0.017	0.0049	0.037	U	0.00 - 0.50
5C-00120	10181	Nb-94	0.0125	0.011	0.0034	0.0214		0.00 - 0.50
5C-00120	10181	Np-236	-0.0003	0.032	0.0096	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00120	10181	Np-239	-0.016	0.089	0.027	0.139	U	0.00 - 0.50
5C-00120	10181	Pa-231	0.03	0.62	0.19	0.936	U	0.00 - 0.50
5C-00120	10181	Pb-212	1.19	0.019	0.049	2.69		0.00 - 0.50
5C-00120	10181	Pb-214	1.02	0.028	0.034	1.7		0.00 - 0.50
5C-00120	10181	Pu-236	-0.0013	0.0059	0.001	7.79	U	0.00 - 0.50
5C-00120	10181	Pu-238	-0.0006	0.0068	0.0015	0.0415	U	0.00 - 0.50
5C-00120	10181	Pu-239/240	0.0006	0.0047	0.0011	0.0404	U	0.00 - 0.50
5C-00120	10181	Pu-244	0.0019	0.0017	0.0011	0.0313		0.00 - 0.50
5C-00120	10181	Rn-220	0.987	0.019	0.08	--		0.00 - 0.50
5C-00120	10181	Rn-222	0.961	0.028	0.048	--		0.00 - 0.50
5C-00120	10181	Sb-125	0.12	0.034	0.0097	0.354	S K	0.00 - 0.50
5C-00120	10181	Sn-126	0.005	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00120	10181	Sr-90	-0.017	0.072	0.02	0.485	U	0.00 - 0.50
5C-00120	10181	Te-125m	0.0277	0.0079	0.0022	0.0838	S K	0.00 - 0.50
5C-00120	10181	Th-228	1.35	0.018	0.068	3.98		0.00 - 0.50
5C-00120	10181	Th-229	0.0106	0.013	0.0047	0.145		0.00 - 0.50
5C-00120	10181	Th-230	1.06	0.01	0.056	2.2		0.00 - 0.50
5C-00120	10181	Th-232	1.3	0.01	0.066	3.1		0.00 - 0.50
5C-00120	10181	Th-234	0.707	0.15	0.054	3.19	R	0.00 - 0.50
5C-00120	10181	Tl-208	0.378	0.015	0.015	0.937		0.00 - 0.50
5C-00120	10181	Tm-171	-1	4.4	1.3	72.4	U	0.00 - 0.50
5C-00120	10181	U-233/234	0.892	0.013	0.05	2.02		0.00 - 0.50
5C-00120	10181	U-235/236	0.0452	0.011	0.0088	0.151		0.00 - 0.50
5C-00120	10181	U-238	0.933	0.011	0.052	1.8		0.00 - 0.50
5C-00120	10182	Ac-227	0.02	0.15	0.042	0.217	U	1.00 - 5.00
5C-00120	10182	Ac-228	1.3	0.087	0.045	2.4		1.00 - 5.00
5C-00120	10182	Ag-108	-0.0042	0.0016	0.0005	--	R	1.00 - 5.00
5C-00120	10182	Ag-108m	-0.0456	0.018	0.0058	--	R	1.00 - 5.00
5C-00120	10182	Am-241	0.0041	0.0028	0.0021	0.0454		1.00 - 5.00
5C-00120	10182	Ba-133	-0.106	0.024	0.0084	--	R	1.00 - 5.00
5C-00120	10182	Ba-137m	0.0029	0.016	0.0048	--	U	1.00 - 5.00
5C-00120	10182	Bi-212	1.02	0.13	0.074	2.15		1.00 - 5.00
5C-00120	10182	Bi-214	0.918	0.023	0.032	1.59		1.00 - 5.00
5C-00120	10182	Cd-113m	13	37	11	3030	U	1.00 - 5.00
5C-00120	10182	Cf-249	0.027	0.061	0.019	--	U	1.00 - 5.00
5C-00120	10182	Cm-243/244	0.001	0.0027	0.001	0.0443	U	1.00 - 5.00
5C-00120	10182	Cm-245/246	0	0.0032	0.0013	0.0401	U	1.00 - 5.00
5C-00120	10182	Cm-247/248	0.0011	0.011	0.0027	0.0306	U	1.00 - 5.00
5C-00120	10182	Co-60	0.0051	0.019	0.0056	0.028	U	1.00 - 5.00
5C-00120	10182	Cs-134	-0.006	0.055	0.012	0.0864	U	1.00 - 5.00
5C-00120	10182	Cs-137	0.0031	0.017	0.0051	0.207	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00120	10182	Eu-152	0.0097	0.04	0.0078	0.0566	U	1.00 - 5.00
5C-00120	10182	Eu-154	0.005	0.11	0.032	0.15	U	1.00 - 5.00
5C-00120	10182	Eu-155	0.088	0.035	0.014	0.231		1.00 - 5.00
5C-00120	10182	Ho-166m	0.0346	0.023	0.0051	0.0432		1.00 - 5.00
5C-00120	10182	K-40	20.5	0.11	0.62	32.4		1.00 - 5.00
5C-00120	10182	Na-22	0.0024	0.025	0.0075	0.037	U	1.00 - 5.00
5C-00120	10182	Nb-94	0.0056	0.014	0.0031	0.0214	U	1.00 - 5.00
5C-00120	10182	Np-236	-0.0089	0.031	0.0095	0.047	U	1.00 - 5.00
5C-00120	10182	Np-239	-0.0001	0.088	0.027	0.139	U	1.00 - 5.00
5C-00120	10182	Pa-231	0.19	0.59	0.18	0.936	U	1.00 - 5.00
5C-00120	10182	Pb-212	1.72	0.025	0.07	2.69		1.00 - 5.00
5C-00120	10182	Pb-214	1.01	0.029	0.036	1.7		1.00 - 5.00
5C-00120	10182	Pu-236	-0.0005	0.0046	0.0005	7.79	U	1.00 - 5.00
5C-00120	10182	Pu-238	0.0016	0.0021	0.0011	0.0415		1.00 - 5.00
5C-00120	10182	Pu-239/240	0.0011	0.0046	0.0012	0.0404	U	1.00 - 5.00
5C-00120	10182	Pu-244	0.0016	0.0021	0.0011	0.0313		1.00 - 5.00
5C-00120	10182	Rn-220	1.37	0.02	0.1	--		1.00 - 5.00
5C-00120	10182	Rn-222	0.966	0.023	0.048	--		1.00 - 5.00
5C-00120	10182	Sb-125	0.164	0.043	0.012	0.354	J	1.00 - 5.00
5C-00120	10182	Sn-126	0.0038	0.015	0.0046	0.0237	U	1.00 - 5.00
5C-00120	10182	Sr-90	-0.01	0.046	0.013	0.485	U	1.00 - 5.00
5C-00120	10182	Te-125m	0.0379	0.01	0.0029	0.0838	J	1.00 - 5.00
5C-00120	10182	Th-228	1.39	0.022	0.072	3.98		1.00 - 5.00
5C-00120	10182	Th-229	0.0061	0.013	0.0042	0.145		1.00 - 5.00
5C-00120	10182	Th-230	1	0.009	0.055	2.2		1.00 - 5.00
5C-00120	10182	Th-232	1.31	0.003	0.068	3.1		1.00 - 5.00
5C-00120	10182	Th-234	0.375	0.16	0.052	3.19	J R	1.00 - 5.00
5C-00120	10182	Tl-208	0.521	0.02	0.02	0.937		1.00 - 5.00
5C-00120	10182	Tm-171	-2	6.2	1.9	72.4	U	1.00 - 5.00
5C-00120	10182	U-233/234	0.75	0.006	0.041	2.02		1.00 - 5.00
5C-00120	10182	U-235/236	0.0421	0.0029	0.007	0.151		1.00 - 5.00
5C-00120	10182	U-238	0.758	0.002	0.041	1.8		1.00 - 5.00
5C-00121	10183	Ac-227	0.029	0.12	0.047	0.217	U	0.00 - 0.50
5C-00121	10183	Ac-228	1.22	0.079	0.043	2.4		0.00 - 0.50
5C-00121	10183	Ag-108	-0.0009	0.0014	0.0004	--	L U R	0.00 - 0.50
5C-00121	10183	Ag-108m	-0.0091	0.015	0.0046	--	U R	0.00 - 0.50
5C-00121	10183	Am-241	-0.0036	0.012	0.0025	0.0454	U	0.00 - 0.50
5C-00121	10183	Ba-133	-0.0943	0.023	0.008	--	R U	0.00 - 0.50
5C-00121	10183	Ba-137m	0.0395	0.012	0.0052	--		0.00 - 0.50
5C-00121	10183	Bi-212	1.05	0.15	0.096	2.15		0.00 - 0.50
5C-00121	10183	Bi-214	0.816	0.028	0.031	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00121	10183	Cd-113m	0.9	41	12	3030	U	0.00 - 0.50
5C-00121	10183	Cf-249	0.0064	0.066	0.0038	--	U R	0.00 - 0.50
5C-00121	10183	Cm-243/244	-0.0018	0.0096	0.002	0.0443	U	0.00 - 0.50
5C-00121	10183	Cm-245/246	0.0014	0.0039	0.0015	0.0401	U J	0.00 - 0.50
5C-00121	10183	Cm-247/248	0	0.0038	0.0012	0.0306	U J	0.00 - 0.50
5C-00121	10183	Co-60	0.0056	0.018	0.0055	0.028	U	0.00 - 0.50
5C-00121	10183	Cs-134	0.0076	0.051	0.0029	0.0864	U	0.00 - 0.50
5C-00121	10183	Cs-137	0.0418	0.012	0.0055	0.207		0.00 - 0.50
5C-00121	10183	Eu-152	0.015	0.037	0.01	0.0566	U	0.00 - 0.50
5C-00121	10183	Eu-154	0.04	0.087	0.026	0.15	U	0.00 - 0.50
5C-00121	10183	Eu-155	0.068	0.032	0.013	0.231	S K	0.00 - 0.50
5C-00121	10183	Ho-166m	0.03	0.025	0.0044	0.0432	S K	0.00 - 0.50
5C-00121	10183	K-40	19	0.12	0.58	32.4		0.00 - 0.50
5C-00121	10183	Na-22	-0.0043	0.025	0.0074	0.037	U	0.00 - 0.50
5C-00121	10183	Nb-94	-0.0024	0.015	0.0044	0.0214	U	0.00 - 0.50
5C-00121	10183	Np-236	0.0085	0.03	0.0092	0.047	U	0.00 - 0.50
5C-00121	10183	Np-239	0.009	0.083	0.025	0.139	U	0.00 - 0.50
5C-00121	10183	Pa-231	-0.11	0.56	0.17	0.936	U	0.00 - 0.50
5C-00121	10183	Pb-212	1.56	0.024	0.064	2.69		0.00 - 0.50
5C-00121	10183	Pb-214	0.897	0.024	0.031	1.7		0.00 - 0.50
5C-00121	10183	Pu-236	-0.001	0.0076	0.0019	7.79	U	0.00 - 0.50
5C-00121	10183	Pu-238	0.0015	0.0037	0.0012	0.0415		0.00 - 0.50
5C-00121	10183	Pu-239/240	0.0046	0.0014	0.0015	0.0404		0.00 - 0.50
5C-00121	10183	Pu-244	0.0015	0.0014	0.0009	0.0313		0.00 - 0.50
5C-00121	10183	Rn-220	1.31	0.02	0.12	--		0.00 - 0.50
5C-00121	10183	Rn-222	0.857	0.024	0.044	--		0.00 - 0.50
5C-00121	10183	Sb-125	0.149	0.043	0.012	0.354	S K	0.00 - 0.50
5C-00121	10183	Sn-126	-0.0054	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00121	10183	Sr-90	-0.012	0.058	0.016	0.485	U	0.00 - 0.50
5C-00121	10183	Te-125m	0.0344	0.0099	0.0028	0.0838	S K	0.00 - 0.50
5C-00121	10183	Th-228	1.2	0.01	0.06	3.98	J	0.00 - 0.50
5C-00121	10183	Th-229	0.001	0.011	0.0028	0.145	U	0.00 - 0.50
5C-00121	10183	Th-230	0.794	0.007	0.043	2.2	J	0.00 - 0.50
5C-00121	10183	Th-232	1.12	0.007	0.056	3.1	J	0.00 - 0.50
5C-00121	10183	Th-234	0.276	0.15	0.048	3.19	R	0.00 - 0.50
5C-00121	10183	Tl-208	0.486	0.017	0.018	0.937		0.00 - 0.50
5C-00121	10183	Tm-171	0.7	6.3	1.9	72.4	U	0.00 - 0.50
5C-00121	10183	U-233/234	0.641	0.019	0.042	2.02		0.00 - 0.50
5C-00121	10183	U-235/236	0.0431	0.0053	0.0094	0.151	J	0.00 - 0.50
5C-00121	10183	U-238	0.678	0.017	0.044	1.8	J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00122	10184	Ac-227	0.058	0.12	0.039	0.217		0.00 - 0.50
5C-00122	10184	Ac-228	1.22	0.078	0.042	2.4		0.00 - 0.50
5C-00122	10184	Ag-108	-0.0019	0.0014	0.0004	--	R U	0.00 - 0.50
5C-00122	10184	Ag-108m	-0.0201	0.015	0.0046	--	R U	0.00 - 0.50
5C-00122	10184	Am-241	0.0027	0.0097	0.0028	0.0454	U	0.00 - 0.50
5C-00122	10184	Ba-133	-0.0959	0.022	0.0078	--	R U	0.00 - 0.50
5C-00122	10184	Ba-137m	0.13	0.013	0.0082	--		0.00 - 0.50
5C-00122	10184	Bi-212	1.08	0.13	0.08	2.15		0.00 - 0.50
5C-00122	10184	Bi-214	0.886	0.026	0.032	1.59		0.00 - 0.50
5C-00122	10184	Cd-113m	-4	38	12	3030	U	0.00 - 0.50
5C-00122	10184	Cf-249	0.078	0.052	0.023	--	R	0.00 - 0.50
5C-00122	10184	Cm-243/244	-0.0062	0.015	0.0035	0.0443	U	0.00 - 0.50
5C-00122	10184	Cm-245/246	0.0014	0.0037	0.0014	0.0401	U J	0.00 - 0.50
5C-00122	10184	Cm-247/248	0.0005	0.008	0.0016	0.0306	U J	0.00 - 0.50
5C-00122	10184	Co-60	0.0001	0.019	0.0001	0.028	U	0.00 - 0.50
5C-00122	10184	Cs-134	0.0073	0.051	0.0035	0.0864	U	0.00 - 0.50
5C-00122	10184	Cs-137	0.138	0.014	0.0087	0.207		0.00 - 0.50
5C-00122	10184	Eu-152	-0.008	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00122	10184	Eu-154	0.0165	0.098	0.0095	0.15	U	0.00 - 0.50
5C-00122	10184	Eu-155	0.076	0.032	0.013	0.231	S K	0.00 - 0.50
5C-00122	10184	Ho-166m	0.0026	0.024	0.0024	0.0432	U	0.00 - 0.50
5C-00122	10184	K-40	18.9	0.13	0.57	32.4		0.00 - 0.50
5C-00122	10184	Na-22	0	0.025	0.0075	0.037	U	0.00 - 0.50
5C-00122	10184	Nb-94	0.0009	0.014	0.0042	0.0214	U	0.00 - 0.50
5C-00122	10184	Np-236	0.0084	0.03	0.0091	0.047	U	0.00 - 0.50
5C-00122	10184	Np-239	0.003	0.085	0.026	0.139	U	0.00 - 0.50
5C-00122	10184	Pa-231	-0.13	0.57	0.17	0.936	U	0.00 - 0.50
5C-00122	10184	Pb-212	1.57	0.023	0.064	2.69		0.00 - 0.50
5C-00122	10184	Pb-214	0.996	0.025	0.033	1.7		0.00 - 0.50
5C-00122	10184	Pu-236	0	0.0061	0.0014	7.79	U	0.00 - 0.50
5C-00122	10184	Pu-238	-0.0007	0.0078	0.0018	0.0415	U	0.00 - 0.50
5C-00122	10184	Pu-239/240	0.0072	0.0018	0.0022	0.0404		0.00 - 0.50
5C-00122	10184	Pu-244	0.0033	0.0018	0.0015	0.0313		0.00 - 0.50
5C-00122	10184	Rn-220	1.33	0.02	0.1	--		0.00 - 0.50
5C-00122	10184	Rn-222	0.941	0.025	0.046	--		0.00 - 0.50
5C-00122	10184	Sb-125	0.142	0.043	0.012	0.354	S K	0.00 - 0.50
5C-00122	10184	Sn-126	0	0.016	0.0028	0.0237	U	0.00 - 0.50
5C-00122	10184	Sr-90	0.073	0.067	0.022	0.485		0.00 - 0.50
5C-00122	10184	Te-125m	0.0328	0.0099	0.0029	0.0838	S K	0.00 - 0.50
5C-00122	10184	Th-228	1.24	0.009	0.06	3.98		0.00 - 0.50
5C-00122	10184	Th-229	0.0074	0.0029	0.0028	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00122	10184	Th-230	0.884	0.008	0.046	2.2		0.00 - 0.50
5C-00122	10184	Th-232	1.23	0.006	0.06	3.1		0.00 - 0.50
5C-00122	10184	Th-234	1.49	0.14	0.082	3.19	R	0.00 - 0.50
5C-00122	10184	Tl-208	0.487	0.016	0.018	0.937		0.00 - 0.50
5C-00122	10184	Tm-171	-4.6	5.1	1.6	72.4	L U	0.00 - 0.50
5C-00122	10184	U-233/234	0.776	0.013	0.043	2.02		0.00 - 0.50
5C-00122	10184	U-235/236	0.0341	0.0035	0.0068	0.151		0.00 - 0.50
5C-00122	10184	U-238	0.771	0.01	0.043	1.8		0.00 - 0.50
5C-00122	10185	Ac-227	0.032	0.14	0.014	0.217	U	1.00 - 5.00
5C-00122	10185	Ac-228	1.16	0.077	0.039	2.4		1.00 - 5.00
5C-00122	10185	Ag-108	-0.0008	0.0014	0.0004	--	UJ	1.00 - 5.00
5C-00122	10185	Ag-108m	-0.0085	0.015	0.0045	--	UJ	1.00 - 5.00
5C-00122	10185	Am-241	0.0024	0.0035	0.0013	0.0454		1.00 - 5.00
5C-00122	10185	Ba-133	-0.0861	0.022	0.0076	--	R	1.00 - 5.00
5C-00122	10185	Ba-137m	0.0075	0.011	0.0048	--		1.00 - 5.00
5C-00122	10185	Bi-212	1.01	0.13	0.075	2.15		1.00 - 5.00
5C-00122	10185	Bi-214	0.856	0.026	0.031	1.59		1.00 - 5.00
5C-00122	10185	Cd-113m	9	38	12	3030	U	1.00 - 5.00
5C-00122	10185	Cf-249	-0.023	0.056	0.017	--	U	1.00 - 5.00
5C-00122	10185	Cm-243/244	0	0.005	0.0012	0.0443	U	1.00 - 5.00
5C-00122	10185	Cm-245/246	0.0055	0.0012	0.0016	0.0401		1.00 - 5.00
5C-00122	10185	Cm-247/248	0	0.0012	0.0005	0.0306	U	1.00 - 5.00
5C-00122	10185	Co-60	0.0069	0.016	0.0048	0.028	U	1.00 - 5.00
5C-00122	10185	Cs-134	0	0.051	0.0065	0.0864	U	1.00 - 5.00
5C-00122	10185	Cs-137	0.0079	0.012	0.0051	0.207		1.00 - 5.00
5C-00122	10185	Eu-152	0.011	0.036	0.005	0.0566	U	1.00 - 5.00
5C-00122	10185	Eu-154	-0.032	0.097	0.029	0.15	U	1.00 - 5.00
5C-00122	10185	Eu-155	0.085	0.032	0.013	0.231		1.00 - 5.00
5C-00122	10185	Ho-166m	-0.0051	0.025	0.0075	0.0432	U	1.00 - 5.00
5C-00122	10185	K-40	15.2	0.12	0.47	32.4		1.00 - 5.00
5C-00122	10185	Na-22	-0.0078	0.024	0.0072	0.037	U	1.00 - 5.00
5C-00122	10185	Nb-94	0.0075	0.013	0.004	0.0214		1.00 - 5.00
5C-00122	10185	Np-236	-0.0128	0.03	0.0091	0.047	U	1.00 - 5.00
5C-00122	10185	Np-239	-0.0003	0.084	0.025	0.139	U	1.00 - 5.00
5C-00122	10185	Pa-231	-0.11	0.51	0.15	0.936	U	1.00 - 5.00
5C-00122	10185	Pb-212	1.51	0.022	0.062	2.69	J	1.00 - 5.00
5C-00122	10185	Pb-214	0.913	0.024	0.032	1.7		1.00 - 5.00
5C-00122	10185	Pu-236	-0.003	0.01	0.0026	7.79	U	1.00 - 5.00
5C-00122	10185	Pu-238	0	0.0061	0.0015	0.0415	U	1.00 - 5.00
5C-00122	10185	Pu-239/240	0.0005	0.0014	0.0005	0.0404	U	1.00 - 5.00
5C-00122	10185	Pu-244	0.001	0.0014	0.0007	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00122	10185	Rn-220	1.26	0.022	0.097	--		1.00 - 5.00
5C-00122	10185	Rn-222	0.885	0.024	0.044	--		1.00 - 5.00
5C-00122	10185	Sb-125	0.124	0.041	0.01	0.354	J	1.00 - 5.00
5C-00122	10185	Sn-126	-0.0018	0.016	0.0047	0.0237	U	1.00 - 5.00
5C-00122	10185	Sr-90	-0.0046	0.033	0.0094	0.485	U	1.00 - 5.00
5C-00122	10185	Te-125m	0.0286	0.0094	0.0024	0.0838	J	1.00 - 5.00
5C-00122	10185	Th-228	1.13	0.013	0.056	3.98		1.00 - 5.00
5C-00122	10185	Th-229	0.0038	0.0034	0.0022	0.145		1.00 - 5.00
5C-00122	10185	Th-230	0.875	0.002	0.045	2.2		1.00 - 5.00
5C-00122	10185	Th-232	1.08	0.006	0.054	3.1		1.00 - 5.00
5C-00122	10185	Th-234	1.4	0.14	0.078	3.19	J R	1.00 - 5.00
5C-00122	10185	Tl-208	0.478	0.018	0.019	0.937		1.00 - 5.00
5C-00122	10185	Tm-171	0.6	4.4	1.3	72.4	UJ	1.00 - 5.00
5C-00122	10185	U-233/234	0.719	0.003	0.035	2.02		1.00 - 5.00
5C-00122	10185	U-235/236	0.0312	0.0014	0.0042	0.151		1.00 - 5.00
5C-00122	10185	U-238	0.68	0.001	0.033	1.8		1.00 - 5.00
5C-00123	10186	Ac-227	0.096	0.097	0.02	0.217		0.00 - 0.50
5C-00123	10186	Ac-228	1.17	0.092	0.044	2.4		0.00 - 0.50
5C-00123	10186	Ag-108	-0.0011	0.0015	0.0005	--	L U R	0.00 - 0.50
5C-00123	10186	Ag-108m	-0.0122	0.016	0.0049	--	L U R	0.00 - 0.50
5C-00123	10186	Am-241	0	0.011	0.0027	0.0454	U	0.00 - 0.50
5C-00123	10186	Ba-133	-0.0136	0.018	0.0054	--	L U R	0.00 - 0.50
5C-00123	10186	Ba-137m	0.0252	0.012	0.0054	--		0.00 - 0.50
5C-00123	10186	Bi-212	0.937	0.14	0.079	2.15		0.00 - 0.50
5C-00123	10186	Bi-214	0.872	0.024	0.031	1.59		0.00 - 0.50
5C-00123	10186	Cd-113m	-7	37	11	3030	U	0.00 - 0.50
5C-00123	10186	Cf-249	0.003	0.067	0.02	--	U R	0.00 - 0.50
5C-00123	10186	Cm-243/244	0.0027	0.0065	0.002	0.0443		0.00 - 0.50
5C-00123	10186	Cm-245/246	0	0.0029	0.0009	0.0401	U J	0.00 - 0.50
5C-00123	10186	Cm-247/248	0.0011	0.0029	0.0011	0.0306	U J	0.00 - 0.50
5C-00123	10186	Co-60	0.0042	0.018	0.0041	0.028	U	0.00 - 0.50
5C-00123	10186	Cs-134	0.0124	0.053	0.0052	0.0864	U	0.00 - 0.50
5C-00123	10186	Cs-137	0.0266	0.012	0.0057	0.207		0.00 - 0.50
5C-00123	10186	Eu-152	-0.007	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00123	10186	Eu-154	0.013	0.095	0.017	0.15	U	0.00 - 0.50
5C-00123	10186	Eu-155	0.073	0.037	0.015	0.231	S K	0.00 - 0.50
5C-00123	10186	Ho-166m	0.027	0.025	0.0042	0.0432	S K	0.00 - 0.50
5C-00123	10186	K-40	17.9	0.15	0.55	32.4		0.00 - 0.50
5C-00123	10186	Na-22	0.0205	0.016	0.0076	0.037		0.00 - 0.50
5C-00123	10186	Nb-94	0.0004	0.015	0.0016	0.0214	U	0.00 - 0.50
5C-00123	10186	Np-236	0.0002	0.03	0.0091	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00123	10186	Np-239	0.059	0.062	0.023	0.139		0.00 - 0.50
5C-00123	10186	Pa-231	-0.02	0.58	0.18	0.936	U	0.00 - 0.50
5C-00123	10186	Pb-212	1.45	0.023	0.044	2.69		0.00 - 0.50
5C-00123	10186	Pb-214	0.922	0.028	0.04	1.7		0.00 - 0.50
5C-00123	10186	Pu-236	-0.0007	0.0049	0.0007	7.79	U	0.00 - 0.50
5C-00123	10186	Pu-238	-0.002	0.0071	0.0013	0.0415	U	0.00 - 0.50
5C-00123	10186	Pu-239/240	0.002	0.0018	0.0012	0.0404		0.00 - 0.50
5C-00123	10186	Pu-244	0.0026	0.0018	0.0013	0.0313		0.00 - 0.50
5C-00123	10186	Rn-220	1.2	0.023	0.091	--		0.00 - 0.50
5C-00123	10186	Rn-222	0.897	0.024	0.051	--		0.00 - 0.50
5C-00123	10186	Sb-125	0.139	0.042	0.012	0.354	S K	0.00 - 0.50
5C-00123	10186	Sn-126	0.0021	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00123	10186	Sr-90	0.015	0.062	0.018	0.485	U	0.00 - 0.50
5C-00123	10186	Te-125m	0.0322	0.0097	0.0028	0.0838	S K	0.00 - 0.50
5C-00123	10186	Th-228	1.16	0.002	0.056	3.98	J	0.00 - 0.50
5C-00123	10186	Th-229	0.0081	0.0097	0.0036	0.145		0.00 - 0.50
5C-00123	10186	Th-230	0.774	0.005	0.039	2.2	J	0.00 - 0.50
5C-00123	10186	Th-232	1.14	0.002	0.055	3.1	J	0.00 - 0.50
5C-00123	10186	Th-234	0.368	0.22	0.043	3.19	R	0.00 - 0.50
5C-00123	10186	Tl-208	0.482	0.019	0.019	0.937		0.00 - 0.50
5C-00123	10186	Tm-171	-3.4	5.7	1.7	72.4	U	0.00 - 0.50
5C-00123	10186	U-233/234	0.682	0.003	0.041	2.02		0.00 - 0.50
5C-00123	10186	U-235/236	0.0223	0.015	0.0069	0.151		0.00 - 0.50
5C-00123	10186	U-238	0.591	0.003	0.037	1.8		0.00 - 0.50
5C-00124	10187	Ac-227	0.054	0.16	0.023	0.217	U	0.00 - 0.50
5C-00124	10187	Ac-228	1.22	0.1	0.046	2.4		0.00 - 0.50
5C-00124	10187	Ag-108	-0.0015	0.0015	0.0005	--	R	0.00 - 0.50
5C-00124	10187	Ag-108m	-0.0164	0.016	0.0051	--	R	0.00 - 0.50
5C-00124	10187	Am-241	0	0.0093	0.0021	0.0454	U	0.00 - 0.50
5C-00124	10187	Ba-133	-0.119	0.028	0.01	--	R	0.00 - 0.50
5C-00124	10187	Ba-137m	0.0278	0.012	0.0041	--		0.00 - 0.50
5C-00124	10187	Bi-212	1.29	0.14	0.094	2.15		0.00 - 0.50
5C-00124	10187	Bi-214	0.824	0.026	0.031	1.59		0.00 - 0.50
5C-00124	10187	Cd-113m	0.3	40	12	3030	U	0.00 - 0.50
5C-00124	10187	Cf-249	0.0023	0.089	0.0038	--	U	0.00 - 0.50
5C-00124	10187	Cm-243/244	0.001	0.0026	0.001	0.0443	U	0.00 - 0.50
5C-00124	10187	Cm-245/246	-0.001	0.0073	0.0011	0.0401	U	0.00 - 0.50
5C-00124	10187	Cm-247/248	0	0.0071	0.0015	0.0306	U	0.00 - 0.50
5C-00124	10187	Co-60	-0.0081	0.019	0.0058	0.028	U	0.00 - 0.50
5C-00124	10187	Cs-134	0.013	0.063	0.004	0.0864	UJ	0.00 - 0.50
5C-00124	10187	Cs-137	0.0294	0.013	0.0043	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00124	10187	Eu-152	-0.002	0.042	0.0029	0.0566	U	0.00 - 0.50
5C-00124	10187	Eu-154	-0.052	0.11	0.033	0.15	U	0.00 - 0.50
5C-00124	10187	Eu-155	0.083	0.05	0.021	0.231		0.00 - 0.50
5C-00124	10187	Ho-166m	0.0228	0.026	0.0079	0.0432		0.00 - 0.50
5C-00124	10187	K-40	19.7	0.11	0.6	32.4		0.00 - 0.50
5C-00124	10187	Na-22	-0.0046	0.024	0.0073	0.037	U	0.00 - 0.50
5C-00124	10187	Nb-94	0.0017	0.011	0.0023	0.0214	U	0.00 - 0.50
5C-00124	10187	Np-236	0.0069	0.031	0.0092	0.047	U	0.00 - 0.50
5C-00124	10187	Np-239	0.027	0.098	0.029	0.139	U	0.00 - 0.50
5C-00124	10187	Pa-231	-0.08	0.66	0.2	0.936	U	0.00 - 0.50
5C-00124	10187	Pb-212	1.57	0.026	0.048	2.69		0.00 - 0.50
5C-00124	10187	Pb-214	0.878	0.03	0.039	1.7		0.00 - 0.50
5C-00124	10187	Pu-236	-0.0003	0.0071	0.0015	7.79	U	0.00 - 0.50
5C-00124	10187	Pu-238	-0.0011	0.0071	0.0013	0.0415	U	0.00 - 0.50
5C-00124	10187	Pu-239/240	0	0.0021	0.0007	0.0404	U	0.00 - 0.50
5C-00124	10187	Pu-244	0.0016	0.0021	0.0011	0.0313		0.00 - 0.50
5C-00124	10187	Rn-220	1.43	0.03	0.11	--		0.00 - 0.50
5C-00124	10187	Rn-222	0.851	0.026	0.05	--		0.00 - 0.50
5C-00124	10187	Sb-125	0.143	0.038	0.013	0.354		0.00 - 0.50
5C-00124	10187	Sn-126	0	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00124	10187	Sr-90	0.011	0.057	0.017	0.485	U	0.00 - 0.50
5C-00124	10187	Te-125m	0.0329	0.0088	0.003	0.0838		0.00 - 0.50
5C-00124	10187	Th-228	1.29	0.003	0.065	3.98		0.00 - 0.50
5C-00124	10187	Th-229	0.0047	0.0068	0.0025	0.145		0.00 - 0.50
5C-00124	10187	Th-230	0.901	0.003	0.049	2.2		0.00 - 0.50
5C-00124	10187	Th-232	1.23	0.003	0.063	3.1		0.00 - 0.50
5C-00124	10187	Th-234	1.21	0.22	0.079	3.19	J R	0.00 - 0.50
5C-00124	10187	Tl-208	0.526	0.02	0.021	0.937		0.00 - 0.50
5C-00124	10187	Tm-171	-11.7	9.7	3	72.4	R	0.00 - 0.50
5C-00124	10187	U-233/234	0.706	0.003	0.04	2.02		0.00 - 0.50
5C-00124	10187	U-235/236	0.0441	0.0036	0.0079	0.151		0.00 - 0.50
5C-00124	10187	U-238	0.65	0.003	0.038	1.8		0.00 - 0.50
5C-00124	10188	Ac-227	0.034	0.15	0.052	0.217	U	1.00 - 5.00
5C-00124	10188	Ac-228	1.28	0.097	0.046	2.4		1.00 - 5.00
5C-00124	10188	Ag-108	0	0.0014	0.0004	--	U R	1.00 - 5.00
5C-00124	10188	Ag-108m	-0.0003	0.015	0.0043	--	U R	1.00 - 5.00
5C-00124	10188	Am-241	0.0095	0.0037	0.0036	0.0454		1.00 - 5.00
5C-00124	10188	Ba-133	-0.0023	0.018	0.0053	--	U R	1.00 - 5.00
5C-00124	10188	Ba-137m	0.0139	0.019	0.0074	--		1.00 - 5.00
5C-00124	10188	Bi-212	0.885	0.12	0.068	2.15		1.00 - 5.00
5C-00124	10188	Bi-214	0.931	0.028	0.034	1.59		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00124	10188	Cd-113m	8	41	12	3030	U	1.00 - 5.00
5C-00124	10188	Cf-249	0.0065	0.069	0.0057	--	U R	1.00 - 5.00
5C-00124	10188	Cm-243/244	-0.0013	0.012	0.0025	0.0443	U	1.00 - 5.00
5C-00124	10188	Cm-245/246	0	0.013	0.0029	0.0401	U J	1.00 - 5.00
5C-00124	10188	Cm-247/248	0	0.0099	0.002	0.0306	U	1.00 - 5.00
5C-00124	10188	Co-60	0.0078	0.02	0.0048	0.028	U	1.00 - 5.00
5C-00124	10188	Cs-134	0.0031	0.03	0.0053	0.0864	U	1.00 - 5.00
5C-00124	10188	Cs-137	0.0146	0.02	0.0078	0.207		1.00 - 5.00
5C-00124	10188	Eu-152	0.019	0.041	0.018	0.0566	U	1.00 - 5.00
5C-00124	10188	Eu-154	-0.06	0.12	0.035	0.15	U	1.00 - 5.00
5C-00124	10188	Eu-155	0.07	0.035	0.014	0.231	S K	1.00 - 5.00
5C-00124	10188	Ho-166m	0.0106	0.027	0.0055	0.0432	U	1.00 - 5.00
5C-00124	10188	K-40	18.6	0.16	0.57	32.4		1.00 - 5.00
5C-00124	10188	Na-22	0	0.031	0.0081	0.037	U	1.00 - 5.00
5C-00124	10188	Nb-94	0.0002	0.014	0.0042	0.0214	U	1.00 - 5.00
5C-00124	10188	Np-236	-0.0015	0.031	0.0092	0.047	U	1.00 - 5.00
5C-00124	10188	Np-239	0.003	0.085	0.025	0.139	U	1.00 - 5.00
5C-00124	10188	Pa-231	0.1	0.49	0.15	0.936	U	1.00 - 5.00
5C-00124	10188	Pb-212	1.56	0.025	0.064	2.69		1.00 - 5.00
5C-00124	10188	Pb-214	1.02	0.028	0.035	1.7		1.00 - 5.00
5C-00124	10188	Pu-236	0.001	0.0014	0.0007	7.79	U	1.00 - 5.00
5C-00124	10188	Pu-238	0.002	0.0014	0.001	0.0415		1.00 - 5.00
5C-00124	10188	Pu-239/240	0.0035	0.0014	0.0013	0.0404		1.00 - 5.00
5C-00124	10188	Pu-244	0.0035	0.0014	0.0013	0.0313		1.00 - 5.00
5C-00124	10188	Rn-220	1.22	0.025	0.093	--		1.00 - 5.00
5C-00124	10188	Rn-222	0.975	0.028	0.049	--		1.00 - 5.00
5C-00124	10188	Sb-125	0.113	0.037	0.0096	0.354	S K	1.00 - 5.00
5C-00124	10188	Sn-126	0.0117	0.01	0.004	0.0237		1.00 - 5.00
5C-00124	10188	Sr-90	0.008	0.051	0.015	0.485	U	1.00 - 5.00
5C-00124	10188	Te-125m	0.0261	0.0086	0.0022	0.0838	S K	1.00 - 5.00
5C-00124	10188	Th-228	1.34	0.024	0.07	3.98		1.00 - 5.00
5C-00124	10188	Th-229	0.0121	0.0024	0.0033	0.145		1.00 - 5.00
5C-00124	10188	Th-230	1.03	0.009	0.057	2.2		1.00 - 5.00
5C-00124	10188	Th-232	1.21	0.009	0.064	3.1		1.00 - 5.00
5C-00124	10188	Th-234	0.674	0.16	0.056	3.19	R	1.00 - 5.00
5C-00124	10188	Tl-208	0.485	0.016	0.018	0.937		1.00 - 5.00
5C-00124	10188	Tm-171	-2.6	5.1	1.6	72.4	U	1.00 - 5.00
5C-00124	10188	U-233/234	0.641	0.008	0.038	2.02		1.00 - 5.00
5C-00124	10188	U-235/236	0.0408	0.0037	0.0076	0.151		1.00 - 5.00
5C-00124	10188	U-238	0.588	0.008	0.035	1.8		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00125	10189	Ac-227	0.34	0.16	0.016	0.217	Z	0.00 - 0.50
5C-00125	10189	Ac-228	1.33	0.096	0.05	2.4		0.00 - 0.50
5C-00125	10189	Ag-108	-0.0009	0.0016	0.0005	--	U R	0.00 - 0.50
5C-00125	10189	Ag-108m	-0.0102	0.017	0.0051	--	U R	0.00 - 0.50
5C-00125	10189	Am-241	0.001	0.0072	0.0018	0.0454	U	0.00 - 0.50
5C-00125	10189	Ba-133	-0.133	0.03	0.011	--	R U	0.00 - 0.50
5C-00125	10189	Ba-137m	0.0164	0.014	0.0061	--		0.00 - 0.50
5C-00125	10189	Bi-212	1.19	0.13	0.08	2.15		0.00 - 0.50
5C-00125	10189	Bi-214	0.852	0.025	0.031	1.59		0.00 - 0.50
5C-00125	10189	Cd-113m	-0.8	47	14	3030	U	0.00 - 0.50
5C-00125	10189	Cf-249	-0.129	0.077	0.025	--	R U	0.00 - 0.50
5C-00125	10189	Cm-243/244	-0.0038	0.013	0.0026	0.0443	U	0.00 - 0.50
5C-00125	10189	Cm-245/246	0.003	0.004	0.0021	0.0401	J	0.00 - 0.50
5C-00125	10189	Cm-247/248	-0.0009	0.0086	0.001	0.0306	U J	0.00 - 0.50
5C-00125	10189	Co-60	-0.0005	0.02	0.0058	0.028	U	0.00 - 0.50
5C-00125	10189	Cs-134	0.0217	0.067	0.0061	0.0864	U	0.00 - 0.50
5C-00125	10189	Cs-137	0.0174	0.014	0.0064	0.207		0.00 - 0.50
5C-00125	10189	Eu-152	-0.011	0.045	0.014	0.0566	U	0.00 - 0.50
5C-00125	10189	Eu-154	-0.0003	0.096	0.0015	0.15	U	0.00 - 0.50
5C-00125	10189	Eu-155	0.109	0.053	0.023	0.231	S K	0.00 - 0.50
5C-00125	10189	Ho-166m	0.0399	0.027	0.0063	0.0432	S K	0.00 - 0.50
5C-00125	10189	K-40	21	0.13	0.64	32.4		0.00 - 0.50
5C-00125	10189	Na-22	0.0008	0.022	0.0065	0.037	U	0.00 - 0.50
5C-00125	10189	Nb-94	0.0066	0.016	0.0048	0.0214	U	0.00 - 0.50
5C-00125	10189	Np-236	-0.01	0.04	0.012	0.047	U	0.00 - 0.50
5C-00125	10189	Np-239	0.009	0.086	0.026	0.139	U	0.00 - 0.50
5C-00125	10189	Pa-231	0.11	0.67	0.2	0.936	U	0.00 - 0.50
5C-00125	10189	Pb-212	1.69	0.028	0.052	2.69		0.00 - 0.50
5C-00125	10189	Pb-214	0.92	0.032	0.042	1.7		0.00 - 0.50
5C-00125	10189	Pu-236	-0.0006	0.0042	0.0006	7.79	U	0.00 - 0.50
5C-00125	10189	Pu-238	-0.0006	0.0052	0.0011	0.0415	U	0.00 - 0.50
5C-00125	10189	Pu-239/240	0	0.0042	0.0009	0.0404	U	0.00 - 0.50
5C-00125	10189	Pu-244	0.0023	0.0015	0.0011	0.0313		0.00 - 0.50
5C-00125	10189	Rn-220	1.44	0.028	0.095	--		0.00 - 0.50
5C-00125	10189	Rn-222	0.886	0.025	0.052	--		0.00 - 0.50
5C-00125	10189	Sb-125	0.03	0.05	0.022	0.354	S K	0.00 - 0.50
5C-00125	10189	Sn-126	0.0028	0.017	0.0051	0.0237	U	0.00 - 0.50
5C-00125	10189	Sr-90	0.008	0.069	0.02	0.485	U	0.00 - 0.50
5C-00125	10189	Te-125m	0.007	0.012	0.005	0.0838	S K	0.00 - 0.50
5C-00125	10189	Th-228	1.3	0.008	0.064	3.98		0.00 - 0.50
5C-00125	10189	Th-229	0.0065	0.0078	0.0031	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00125	10189	Th-230	0.853	0.002	0.045	2.2		0.00 - 0.50
5C-00125	10189	Th-232	1.25	0.002	0.062	3.1		0.00 - 0.50
5C-00125	10189	Th-234	1.28	0.23	0.083	3.19	R	0.00 - 0.50
5C-00125	10189	Tl-208	0.532	0.018	0.02	0.937		0.00 - 0.50
5C-00125	10189	Tm-171	-10.2	11	3.3	72.4	R U	0.00 - 0.50
5C-00125	10189	U-233/234	0.697	0.004	0.042	2.02		0.00 - 0.50
5C-00125	10189	U-235/236	0.0249	0.0045	0.0065	0.151		0.00 - 0.50
5C-00125	10189	U-238	0.786	0.012	0.046	1.8		0.00 - 0.50
5C-00125	10190	Ac-227	0.037	0.12	0.049	0.217	U	1.00 - 5.00
5C-00125	10190	Ac-228	1.29	0.064	0.046	2.4	B	1.00 - 5.00
5C-00125	10190	Ag-108	-0.003	0.0012	0.0004	--	R U	1.00 - 5.00
5C-00125	10190	Ag-108m	-0.0326	0.013	0.0044	--	R U	1.00 - 5.00
5C-00125	10190	Am-241	0.0043	0.0099	0.0031	0.0454		1.00 - 5.00
5C-00125	10190	Ba-133	-0.0212	0.017	0.0051	--	R U	1.00 - 5.00
5C-00125	10190	Ba-137m	0.0014	0.0081	0.0024	--	U	1.00 - 5.00
5C-00125	10190	Bi-212	1.04	0.12	0.077	2.15		1.00 - 5.00
5C-00125	10190	Bi-214	0.914	0.023	0.035	1.59		1.00 - 5.00
5C-00125	10190	Cd-113m	6	34	10	3030	U	1.00 - 5.00
5C-00125	10190	Cf-249	-0.026	0.056	0.017	--	U R	1.00 - 5.00
5C-00125	10190	Cm-243/244	0.001	0.0077	0.0019	0.0443	U	1.00 - 5.00
5C-00125	10190	Cm-245/246	0	0.0099	0.002	0.0401	U J	1.00 - 5.00
5C-00125	10190	Cm-247/248	0.0013	0.0036	0.0013	0.0306	U J	1.00 - 5.00
5C-00125	10190	Co-60	0.0015	0.014	0.0043	0.028	U	1.00 - 5.00
5C-00125	10190	Cs-134	-0.0008	0.038	0.011	0.0864	U	1.00 - 5.00
5C-00125	10190	Cs-137	0.0015	0.0086	0.0026	0.207	U	1.00 - 5.00
5C-00125	10190	Eu-152	0.0152	0.031	0.0093	0.0566	U	1.00 - 5.00
5C-00125	10190	Eu-154	-0.016	0.079	0.024	0.15	U	1.00 - 5.00
5C-00125	10190	Eu-155	0.095	0.031	0.013	0.231	S K	1.00 - 5.00
5C-00125	10190	Ho-166m	0.0085	0.02	0.0051	0.0432	U	1.00 - 5.00
5C-00125	10190	K-40	18.6	0.15	0.62	32.4		1.00 - 5.00
5C-00125	10190	Na-22	0.0025	0.017	0.0052	0.037	U	1.00 - 5.00
5C-00125	10190	Nb-94	0.0032	0.011	0.0033	0.0214	U	1.00 - 5.00
5C-00125	10190	Np-236	0.0037	0.027	0.0082	0.047	U	1.00 - 5.00
5C-00125	10190	Np-239	0.009	0.077	0.023	0.139	U	1.00 - 5.00
5C-00125	10190	Pa-231	-0.14	0.51	0.15	0.936	U	1.00 - 5.00
5C-00125	10190	Pb-212	1.68	0.022	0.088	2.69		1.00 - 5.00
5C-00125	10190	Pb-214	1.02	0.024	0.039	1.7		1.00 - 5.00
5C-00125	10190	Pu-236	0.0009	0.0077	0.0018	7.79	U	1.00 - 5.00
5C-00125	10190	Pu-238	0.0026	0.0063	0.002	0.0415		1.00 - 5.00
5C-00125	10190	Pu-239/240	0	0.0029	0.0009	0.0404	U	1.00 - 5.00
5C-00125	10190	Pu-244	0.0011	0.0029	0.0011	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00125	10190	Rn-220	1.36	0.02	0.12	--		1.00 - 5.00
5C-00125	10190	Rn-222	0.97	0.023	0.052	--		1.00 - 5.00
5C-00125	10190	Sb-125	0.162	0.034	0.011	0.354	S K	1.00 - 5.00
5C-00125	10190	Sn-126	0.0012	0.013	0.0039	0.0237	U	1.00 - 5.00
5C-00125	10190	Sr-90	0.019	0.035	0.011	0.485	U	1.00 - 5.00
5C-00125	10190	Te-125m	0.0374	0.0077	0.0026	0.0838	S K	1.00 - 5.00
5C-00125	10190	Th-228	1.21	0.014	0.062	3.98		1.00 - 5.00
5C-00125	10190	Th-229	0.0108	0.0079	0.0038	0.145		1.00 - 5.00
5C-00125	10190	Th-230	0.901	0.003	0.049	2.2		1.00 - 5.00
5C-00125	10190	Th-232	1.23	0.008	0.063	3.1		1.00 - 5.00
5C-00125	10190	Th-234	1.58	0.13	0.087	3.19	R	1.00 - 5.00
5C-00125	10190	Tl-208	0.516	0.014	0.02	0.937		1.00 - 5.00
5C-00125	10190	Tm-171	-3.1	5.5	1.7	72.4	U	1.00 - 5.00
5C-00125	10190	U-233/234	0.634	0.007	0.036	2.02		1.00 - 5.00
5C-00125	10190	U-235/236	0.0286	0.0084	0.0061	0.151		1.00 - 5.00
5C-00125	10190	U-238	0.647	0.007	0.037	1.8		1.00 - 5.00
5C-00126	10191	Ac-227	0.032	0.12	0.011	0.217	U	1.00 - 5.00
5C-00126	10191	Ac-228	1.31	0.064	0.045	2.4	B	1.00 - 5.00
5C-00126	10191	Ag-108	-0.005	0.0014	0.0005	--	R U	1.00 - 5.00
5C-00126	10191	Ag-108m	-0.054	0.015	0.0051	--	R U	1.00 - 5.00
5C-00126	10191	Am-241	0.0029	0.009	0.0027	0.0454	U	1.00 - 5.00
5C-00126	10191	Ba-133	-0.11	0.021	0.0078	--	R U	1.00 - 5.00
5C-00126	10191	Ba-137m	0.0032	0.012	0.0038	--	U	1.00 - 5.00
5C-00126	10191	Bi-212	1.13	0.1	0.068	2.15		1.00 - 5.00
5C-00126	10191	Bi-214	0.968	0.021	0.036	1.59		1.00 - 5.00
5C-00126	10191	Cd-113m	9	35	11	3030	U	1.00 - 5.00
5C-00126	10191	Cf-249	-0.02	0.057	0.017	--	U R	1.00 - 5.00
5C-00126	10191	Cm-243/244	0.001	0.0026	0.001	0.0443	U	1.00 - 5.00
5C-00126	10191	Cm-245/246	0.0048	0.0043	0.0028	0.0401	J	1.00 - 5.00
5C-00126	10191	Cm-247/248	0	0.011	0.0023	0.0306	U J	1.00 - 5.00
5C-00126	10191	Co-60	0.0032	0.015	0.0024	0.028	U	1.00 - 5.00
5C-00126	10191	Cs-134	0.02	0.048	0.0047	0.0864	U	1.00 - 5.00
5C-00126	10191	Cs-137	0.0034	0.013	0.004	0.207	U	1.00 - 5.00
5C-00126	10191	Eu-152	-0.0077	0.032	0.0096	0.0566	U	1.00 - 5.00
5C-00126	10191	Eu-154	-0.027	0.081	0.024	0.15	U	1.00 - 5.00
5C-00126	10191	Eu-155	0.068	0.037	0.012	0.231	S K	1.00 - 5.00
5C-00126	10191	Ho-166m	0.0102	0.02	0.0057	0.0432	S K	1.00 - 5.00
5C-00126	10191	K-40	18.4	0.13	0.61	32.4		1.00 - 5.00
5C-00126	10191	Na-22	-0.0037	0.02	0.0059	0.037	U	1.00 - 5.00
5C-00126	10191	Nb-94	0.0045	0.0079	0.0024	0.0214		1.00 - 5.00
5C-00126	10191	Np-236	-0.0066	0.028	0.0084	0.047	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00126	10191	Np-239	-0.012	0.079	0.024	0.139	U	1.00 - 5.00
5C-00126	10191	Pa-231	-0.07	0.48	0.15	0.936	U	1.00 - 5.00
5C-00126	10191	Pb-212	1.77	0.02	0.093	2.69		1.00 - 5.00
5C-00126	10191	Pb-214	1.08	0.024	0.041	1.7		1.00 - 5.00
5C-00126	10191	Pu-236	-0.0023	0.0089	0.0013	7.79	U	1.00 - 5.00
5C-00126	10191	Pu-238	0.0031	0.0081	0.0025	0.0415		1.00 - 5.00
5C-00126	10191	Pu-239/240	-0.0012	0.0071	0.0009	0.0404	U	1.00 - 5.00
5C-00126	10191	Pu-244	0	0.0026	0.0008	0.0313	U	1.00 - 5.00
5C-00126	10191	Rn-220	1.45	0.02	0.12	--		1.00 - 5.00
5C-00126	10191	Rn-222	1.02	0.021	0.054	--		1.00 - 5.00
5C-00126	10191	Sb-125	0.117	0.028	0.0085	0.354	S K	1.00 - 5.00
5C-00126	10191	Sn-126	-0.0002	0.013	0.0039	0.0237	U	1.00 - 5.00
5C-00126	10191	Sr-90	-0.014	0.046	0.013	0.485	U	1.00 - 5.00
5C-00126	10191	Te-125m	0.0271	0.0064	0.002	0.0838	S K	1.00 - 5.00
5C-00126	10191	Th-228	1.3	0.021	0.068	3.98		1.00 - 5.00
5C-00126	10191	Th-229	0.0112	0.0063	0.0034	0.145		1.00 - 5.00
5C-00126	10191	Th-230	1.09	0.003	0.059	2.2		1.00 - 5.00
5C-00126	10191	Th-232	1.34	0.009	0.07	3.1		1.00 - 5.00
5C-00126	10191	Th-234	1.63	0.13	0.088	3.19	R	1.00 - 5.00
5C-00126	10191	Tl-208	0.522	0.015	0.02	0.937		1.00 - 5.00
5C-00126	10191	Tm-171	-4	5.2	1.6	72.4	L U	1.00 - 5.00
5C-00126	10191	U-233/234	0.802	0.002	0.043	2.02		1.00 - 5.00
5C-00126	10191	U-235/236	0.053	0.0081	0.0081	0.151		1.00 - 5.00
5C-00126	10191	U-238	0.812	0.002	0.043	1.8		1.00 - 5.00
5C-00127	10192	Ac-227	0.031	0.1	0.046	0.217	U	0.00 - 0.50
5C-00127	10192	Ac-228	1.19	0.1	0.044	2.4		0.00 - 0.50
5C-00127	10192	Ag-108	-0.0036	0.0015	0.0005	--	R U	0.00 - 0.50
5C-00127	10192	Ag-108m	-0.0386	0.016	0.0052	--	R U	0.00 - 0.50
5C-00127	10192	Am-241	0.0028	0.0087	0.0026	0.0454	U	0.00 - 0.50
5C-00127	10192	Ba-133	-0.0233	0.019	0.0059	--	R U	0.00 - 0.50
5C-00127	10192	Ba-137m	0.053	0.012	0.0061	--		0.00 - 0.50
5C-00127	10192	Bi-212	1.03	0.13	0.078	2.15		0.00 - 0.50
5C-00127	10192	Bi-214	0.879	0.024	0.031	1.59		0.00 - 0.50
5C-00127	10192	Cd-113m	-10	39	12	3030	U	0.00 - 0.50
5C-00127	10192	Cf-249	0.0041	0.064	0.004	--	U R	0.00 - 0.50
5C-00127	10192	Cm-243/244	0.0028	0.011	0.0032	0.0443	U	0.00 - 0.50
5C-00127	10192	Cm-245/246	0	0.0048	0.0016	0.0401	U J	0.00 - 0.50
5C-00127	10192	Cm-247/248	0	0.0048	0.0015	0.0306	U J	0.00 - 0.50
5C-00127	10192	Co-60	0.001	0.019	0.0035	0.028	U	0.00 - 0.50
5C-00127	10192	Cs-134	0.0148	0.054	0.0049	0.0864	U	0.00 - 0.50
5C-00127	10192	Cs-137	0.056	0.013	0.0064	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00127	10192	Eu-152	-0.001	0.04	0.012	0.0566	U	0.00 - 0.50
5C-00127	10192	Eu-154	0.021	0.11	0.01	0.15	U	0.00 - 0.50
5C-00127	10192	Eu-155	0.065	0.032	0.013	0.231	S K	0.00 - 0.50
5C-00127	10192	Ho-166m	0.0226	0.024	0.0084	0.0432	S K	0.00 - 0.50
5C-00127	10192	K-40	20.5	0.13	0.62	32.4		0.00 - 0.50
5C-00127	10192	Na-22	-0.0042	0.024	0.0073	0.037	U	0.00 - 0.50
5C-00127	10192	Nb-94	0.003	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00127	10192	Np-236	-0.0007	0.027	0.008	0.047	U	0.00 - 0.50
5C-00127	10192	Np-239	-0.0003	0.085	0.026	0.139	U	0.00 - 0.50
5C-00127	10192	Pa-231	0.29	0.41	0.13	0.936		0.00 - 0.50
5C-00127	10192	Pb-212	1.62	0.024	0.066	2.69		0.00 - 0.50
5C-00127	10192	Pb-214	0.968	0.028	0.032	1.7		0.00 - 0.50
5C-00127	10192	Pu-236	-0.0023	0.007	0.0013	7.79	U	0.00 - 0.50
5C-00127	10192	Pu-238	0	0.0054	0.0012	0.0415	U	0.00 - 0.50
5C-00127	10192	Pu-239/240	0.0064	0.0016	0.0019	0.0404		0.00 - 0.50
5C-00127	10192	Pu-244	0	0.0043	0.0009	0.0313	U	0.00 - 0.50
5C-00127	10192	Rn-220	1.32	0.02	0.1	--		0.00 - 0.50
5C-00127	10192	Rn-222	0.923	0.024	0.045	--		0.00 - 0.50
5C-00127	10192	Sb-125	0.157	0.039	0.012	0.354	S K	0.00 - 0.50
5C-00127	10192	Sn-126	0.0025	0.016	0.0048	0.0237	U	0.00 - 0.50
5C-00127	10192	Sr-90	0.034	0.056	0.017	0.485		0.00 - 0.50
5C-00127	10192	Te-125m	0.0362	0.0091	0.0028	0.0838	S K	0.00 - 0.50
5C-00127	10192	Th-228	1.28	0.015	0.065	3.98		0.00 - 0.50
5C-00127	10192	Th-229	0	0.014	0.0035	0.145	U	0.00 - 0.50
5C-00127	10192	Th-230	0.933	0.007	0.051	2.2		0.00 - 0.50
5C-00127	10192	Th-232	1.27	0.008	0.065	3.1		0.00 - 0.50
5C-00127	10192	Th-234	1.58	0.15	0.086	3.19	R	0.00 - 0.50
5C-00127	10192	Tl-208	0.508	0.017	0.019	0.937		0.00 - 0.50
5C-00127	10192	Tm-171	-2.1	5.5	1.7	72.4	U	0.00 - 0.50
5C-00127	10192	U-233/234	0.941	0.012	0.056	2.02	J	0.00 - 0.50
5C-00127	10192	U-235/236	0.0386	0.015	0.0095	0.151	J	0.00 - 0.50
5C-00127	10192	U-238	0.982	0.004	0.057	1.8	J	0.00 - 0.50
5C-00127	10193	Ac-227	0.001	0.1	0.031	0.217	U	1.00 - 5.00
5C-00127	10193	Ac-228	1.35	0.062	0.049	2.4	B	1.00 - 5.00
5C-00127	10193	Ag-108	0.0008	0.0008	0.0003	--	R	1.00 - 5.00
5C-00127	10193	Ag-108m	0.0086	0.0083	0.0037	--	R	1.00 - 5.00
5C-00127	10193	Am-241	0.0032	0.0029	0.0019	0.0454		1.00 - 5.00
5C-00127	10193	Ba-133	-0.0936	0.019	0.007	--	R U	1.00 - 5.00
5C-00127	10193	Ba-137m	-0.0001	0.012	0.0035	--	U	1.00 - 5.00
5C-00127	10193	Bi-212	0.99	0.1	0.063	2.15		1.00 - 5.00
5C-00127	10193	Bi-214	0.816	0.022	0.031	1.59		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00127	10193	Cd-113m	-5	34	10	3030	U	1.00 - 5.00
5C-00127	10193	Cf-249	-0.025	0.055	0.017	--	U R	1.00 - 5.00
5C-00127	10193	Cm-243/244	0.0011	0.0028	0.0011	0.0443	U	1.00 - 5.00
5C-00127	10193	Cm-245/246	0.0066	0.0036	0.003	0.0401	J	1.00 - 5.00
5C-00127	10193	Cm-247/248	0.0026	0.0035	0.0018	0.0306	U J	1.00 - 5.00
5C-00127	10193	Co-60	-0.004	0.016	0.0047	0.028	U	1.00 - 5.00
5C-00127	10193	Cs-134	0.0119	0.044	0.0032	0.0864	U	1.00 - 5.00
5C-00127	10193	Cs-137	-0.0001	0.012	0.0037	0.207	U	1.00 - 5.00
5C-00127	10193	Eu-152	0.0088	0.028	0.0066	0.0566	U	1.00 - 5.00
5C-00127	10193	Eu-154	-0.021	0.079	0.024	0.15	U	1.00 - 5.00
5C-00127	10193	Eu-155	0.083	0.031	0.013	0.231	S K	1.00 - 5.00
5C-00127	10193	Ho-166m	-0.0031	0.019	0.0057	0.0432	U	1.00 - 5.00
5C-00127	10193	K-40	19.1	0.12	0.63	32.4		1.00 - 5.00
5C-00127	10193	Na-22	-0.0002	0.019	0.0056	0.037	U	1.00 - 5.00
5C-00127	10193	Nb-94	0.0036	0.011	0.0033	0.0214	U	1.00 - 5.00
5C-00127	10193	Np-236	0	0.024	0.0073	0.047	U	1.00 - 5.00
5C-00127	10193	Np-239	0.001	0.073	0.022	0.139	U	1.00 - 5.00
5C-00127	10193	Pa-231	0.009	0.45	0.019	0.936	U	1.00 - 5.00
5C-00127	10193	Pb-212	1.69	0.024	0.089	2.69		1.00 - 5.00
5C-00127	10193	Pb-214	0.886	0.023	0.033	1.7		1.00 - 5.00
5C-00127	10193	Pu-236	-0.0005	0.0052	0.0006	7.79	U	1.00 - 5.00
5C-00127	10193	Pu-238	0.0026	0.0024	0.0015	0.0415		1.00 - 5.00
5C-00127	10193	Pu-239/240	0.0018	0.0024	0.0012	0.0404		1.00 - 5.00
5C-00127	10193	Pu-244	0	0.0024	0.0008	0.0313	U	1.00 - 5.00
5C-00127	10193	Rn-220	1.34	0.02	0.11	--		1.00 - 5.00
5C-00127	10193	Rn-222	0.851	0.022	0.046	--		1.00 - 5.00
5C-00127	10193	Sb-125	0.107	0.035	0.0078	0.354	S K	1.00 - 5.00
5C-00127	10193	Sn-126	0	0.01	0.0031	0.0237	U	1.00 - 5.00
5C-00127	10193	Sr-90	0.024	0.034	0.011	0.485		1.00 - 5.00
5C-00127	10193	Te-125m	0.0248	0.008	0.0018	0.0838	S K	1.00 - 5.00
5C-00127	10193	Th-228	1.45	0.028	0.08	3.98	J	1.00 - 5.00
5C-00127	10193	Th-229	0.0066	0.0026	0.0025	0.145	J	1.00 - 5.00
5C-00127	10193	Th-230	1.07	0.005	0.062	2.2	J	1.00 - 5.00
5C-00127	10193	Th-232	1.42	0.005	0.078	3.1		1.00 - 5.00
5C-00127	10193	Th-234	1.53	0.13	0.085	3.19	R	1.00 - 5.00
5C-00127	10193	Tl-208	0.518	0.016	0.021	0.937		1.00 - 5.00
5C-00127	10193	Tm-171	-5.3	4.7	1.4	72.4	R U	1.00 - 5.00
5C-00127	10193	U-233/234	0.607	0.002	0.034	2.02		1.00 - 5.00
5C-00127	10193	U-235/236	0.0286	0.0029	0.0056	0.151		1.00 - 5.00
5C-00127	10193	U-238	0.614	0.008	0.034	1.8		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00128	10194	Ac-227	-0.011	0.16	0.047	0.217	U	0.00 - 0.50
5C-00128	10194	Ac-228	1.17	0.072	0.042	2.4		0.00 - 0.50
5C-00128	10194	Ag-108	-0.001	0.0014	0.0004	--	L U R	0.00 - 0.50
5C-00128	10194	Ag-108m	-0.0108	0.015	0.0047	--	L U R	0.00 - 0.50
5C-00128	10194	Am-241	0.0026	0.012	0.0033	0.0454	U	0.00 - 0.50
5C-00128	10194	Ba-133	-0.0365	0.022	0.007	--	R U	0.00 - 0.50
5C-00128	10194	Ba-137m	0.0803	0.013	0.007	--		0.00 - 0.50
5C-00128	10194	Bi-212	0.825	0.099	0.06	2.15		0.00 - 0.50
5C-00128	10194	Bi-214	0.925	0.024	0.032	1.59		0.00 - 0.50
5C-00128	10194	Cd-113m	9	39	12	3030	U	0.00 - 0.50
5C-00128	10194	Cf-249	-0.065	0.073	0.023	--	L U R	0.00 - 0.50
5C-00128	10194	Cm-243/244	-0.0035	0.014	0.0032	0.0443	U	0.00 - 0.50
5C-00128	10194	Cm-245/246	0.0022	0.0093	0.0024	0.0401	U J	0.00 - 0.50
5C-00128	10194	Cm-247/248	-0.0009	0.0091	0.001	0.0306	U J	0.00 - 0.50
5C-00128	10194	Co-60	-0.0046	0.018	0.0053	0.028	U	0.00 - 0.50
5C-00128	10194	Cs-134	0.0065	0.048	0.0025	0.0864	U	0.00 - 0.50
5C-00128	10194	Cs-137	0.0849	0.014	0.0074	0.207		0.00 - 0.50
5C-00128	10194	Eu-152	-0.02	0.041	0.012	0.0566	U	0.00 - 0.50
5C-00128	10194	Eu-154	0.005	0.08	0.011	0.15	U	0.00 - 0.50
5C-00128	10194	Eu-155	0.083	0.042	0.017	0.231	S K	0.00 - 0.50
5C-00128	10194	Ho-166m	0.003	0.027	0.0081	0.0432	U	0.00 - 0.50
5C-00128	10194	K-40	21.1	0.13	0.64	32.4		0.00 - 0.50
5C-00128	10194	Na-22	0.0026	0.018	0.0054	0.037	U	0.00 - 0.50
5C-00128	10194	Nb-94	0.0028	0.015	0.0045	0.0214	U	0.00 - 0.50
5C-00128	10194	Np-236	-0.009	0.04	0.012	0.047	U	0.00 - 0.50
5C-00128	10194	Np-239	-0.016	0.1	0.031	0.139	U	0.00 - 0.50
5C-00128	10194	Pa-231	-0.11	0.69	0.21	0.936	U	0.00 - 0.50
5C-00128	10194	Pb-212	1.14	0.019	0.035	2.69		0.00 - 0.50
5C-00128	10194	Pb-214	1.03	0.031	0.045	1.7		0.00 - 0.50
5C-00128	10194	Pu-236	0	0.0045	0.0009	7.79	U	0.00 - 0.50
5C-00128	10194	Pu-238	0	0.0016	0.0007	0.0415	U	0.00 - 0.50
5C-00128	10194	Pu-239/240	0.003	0.0016	0.0013	0.0404		0.00 - 0.50
5C-00128	10194	Pu-244	0.0012	0.0016	0.0009	0.0313	U	0.00 - 0.50
5C-00128	10194	Rn-220	0.982	0.019	0.069	--		0.00 - 0.50
5C-00128	10194	Rn-222	0.978	0.024	0.055	--		0.00 - 0.50
5C-00128	10194	Sb-125	0.131	0.038	0.011	0.354	S K	0.00 - 0.50
5C-00128	10194	Sn-126	-0.0003	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00128	10194	Sr-90	0.057	0.067	0.021	0.485		0.00 - 0.50
5C-00128	10194	Te-125m	0.0303	0.0087	0.0025	0.0838	S K	0.00 - 0.50
5C-00128	10194	Th-228	1.32	0.011	0.067	3.98		0.00 - 0.50
5C-00128	10194	Th-229	0.0072	0.013	0.0043	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00128	10194	Th-230	1.02	0.008	0.054	2.2		0.00 - 0.50
5C-00128	10194	Th-232	1.36	0.01	0.069	3.1		0.00 - 0.50
5C-00128	10194	Th-234	1.35	0.22	0.082	3.19	R	0.00 - 0.50
5C-00128	10194	Tl-208	0.361	0.014	0.014	0.937		0.00 - 0.50
5C-00128	10194	Tm-171	-10.5	7.3	2.3	72.4	R U	0.00 - 0.50
5C-00128	10194	U-233/234	0.9	0.012	0.054	2.02	J	0.00 - 0.50
5C-00128	10194	U-235/236	0.0383	0.0055	0.0089	0.151	J	0.00 - 0.50
5C-00128	10194	U-238	0.834	0.004	0.051	1.8	J	0.00 - 0.50
5C-00128	10195	Ac-227	0.072	0.12	0.017	0.217		1.00 - 5.00
5C-00128	10195	Ac-228	1.3	0.067	0.046	2.4	B	1.00 - 5.00
5C-00128	10195	Ag-108	-0.0017	0.0012	0.0004	--	R U	1.00 - 5.00
5C-00128	10195	Ag-108m	-0.0185	0.013	0.0042	--	R U	1.00 - 5.00
5C-00128	10195	Am-241	0.0028	0.0019	0.0014	0.0454		1.00 - 5.00
5C-00128	10195	Ba-133	-0.0999	0.021	0.0076	--	R U	1.00 - 5.00
5C-00128	10195	Ba-137m	0.0159	0.013	0.0042	--		1.00 - 5.00
5C-00128	10195	Bi-212	1.01	0.11	0.069	2.15		1.00 - 5.00
5C-00128	10195	Bi-214	0.936	0.022	0.035	1.59		1.00 - 5.00
5C-00128	10195	Cd-113m	-7	36	11	3030	U	1.00 - 5.00
5C-00128	10195	Cf-249	-0.02	0.059	0.018	--	U R	1.00 - 5.00
5C-00128	10195	Cm-243/244	0	0.0065	0.0015	0.0443	U	1.00 - 5.00
5C-00128	10195	Cm-245/246	0.0016	0.011	0.0027	0.0401	U J	1.00 - 5.00
5C-00128	10195	Cm-247/248	0.0018	0.0076	0.002	0.0306	U J	1.00 - 5.00
5C-00128	10195	Co-60	0.0019	0.015	0.003	0.028	U	1.00 - 5.00
5C-00128	10195	Cs-134	0.0133	0.048	0.0032	0.0864	U	1.00 - 5.00
5C-00128	10195	Cs-137	0.0169	0.014	0.0044	0.207		1.00 - 5.00
5C-00128	10195	Eu-152	-0.0085	0.033	0.0099	0.0566	U	1.00 - 5.00
5C-00128	10195	Eu-154	0.032	0.069	0.021	0.15	U	1.00 - 5.00
5C-00128	10195	Eu-155	0.078	0.029	0.012	0.231	S K	1.00 - 5.00
5C-00128	10195	Ho-166m	0.0011	0.017	0.0034	0.0432	U	1.00 - 5.00
5C-00128	10195	K-40	20.5	0.14	0.68	32.4		1.00 - 5.00
5C-00128	10195	Na-22	-0.0081	0.021	0.0065	0.037	U	1.00 - 5.00
5C-00128	10195	Nb-94	0.004	0.012	0.0035	0.0214	U	1.00 - 5.00
5C-00128	10195	Np-236	-0.0067	0.028	0.0084	0.047	U	1.00 - 5.00
5C-00128	10195	Np-239	0.002	0.079	0.024	0.139	U	1.00 - 5.00
5C-00128	10195	Pa-231	0.16	0.47	0.14	0.936	U	1.00 - 5.00
5C-00128	10195	Pb-212	1.69	0.021	0.089	2.69		1.00 - 5.00
5C-00128	10195	Pb-214	1.05	0.023	0.04	1.7		1.00 - 5.00
5C-00128	10195	Pu-236	0.0002	0.007	0.0015	7.79	U	1.00 - 5.00
5C-00128	10195	Pu-238	0.002	0.005	0.0016	0.0415		1.00 - 5.00
5C-00128	10195	Pu-239/240	0.0003	0.005	0.001	0.0404	U	1.00 - 5.00
5C-00128	10195	Pu-244	0.0008	0.0023	0.0008	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00128	10195	Rn-220	1.35	0.02	0.11	--		1.00 - 5.00
5C-00128	10195	Rn-222	0.993	0.022	0.053	--		1.00 - 5.00
5C-00128	10195	Sb-125	0.114	0.029	0.0082	0.354	S K	1.00 - 5.00
5C-00128	10195	Sn-126	0.0017	0.013	0.0039	0.0237	U	1.00 - 5.00
5C-00128	10195	Sr-90	0.015	0.04	0.012	0.485	U	1.00 - 5.00
5C-00128	10195	Te-125m	0.0264	0.0067	0.0019	0.0838	S K	1.00 - 5.00
5C-00128	10195	Th-228	1.22	0.016	0.063	3.98		1.00 - 5.00
5C-00128	10195	Th-229	0.012	0.0081	0.004	0.145		1.00 - 5.00
5C-00128	10195	Th-230	0.904	0.013	0.049	2.2		1.00 - 5.00
5C-00128	10195	Th-232	1.18	0.01	0.061	3.1		1.00 - 5.00
5C-00128	10195	Th-234	1.58	0.14	0.089	3.19	R	1.00 - 5.00
5C-00128	10195	Tl-208	0.513	0.016	0.02	0.937		1.00 - 5.00
5C-00128	10195	Tm-171	-0.2	5.7	1.7	72.4	U	1.00 - 5.00
5C-00128	10195	U-233/234	0.774	0.008	0.041	2.02		1.00 - 5.00
5C-00128	10195	U-235/236	0.045	0.0077	0.0073	0.151		1.00 - 5.00
5C-00128	10195	U-238	0.746	0.006	0.04	1.8		1.00 - 5.00
5C-00129	10196	Ac-227	0.338	0.15	0.016	0.217	Z	0.00 - 0.50
5C-00129	10196	Ac-228	1.22	0.079	0.044	2.4		0.00 - 0.50
5C-00129	10196	Ag-108	-0.0019	0.0014	0.0005	--	R U	0.00 - 0.50
5C-00129	10196	Ag-108m	-0.0207	0.016	0.0049	--	R U	0.00 - 0.50
5C-00129	10196	Am-241	-0.0008	0.0073	0.0015	0.0454	U	0.00 - 0.50
5C-00129	10196	Ba-133	-0.121	0.027	0.0099	--	R U	0.00 - 0.50
5C-00129	10196	Ba-137m	0.0426	0.012	0.0058	--		0.00 - 0.50
5C-00129	10196	Bi-212	1.05	0.13	0.08	2.15		0.00 - 0.50
5C-00129	10196	Bi-214	0.839	0.024	0.03	1.59		0.00 - 0.50
5C-00129	10196	Cd-113m	-0.6	39	12	3030	U	0.00 - 0.50
5C-00129	10196	Cf-249	0.0038	0.065	0.0033	--	U R	0.00 - 0.50
5C-00129	10196	Cm-243/244	0.0008	0.0083	0.0021	0.0443	U	0.00 - 0.50
5C-00129	10196	Cm-245/246	0.0006	0.0092	0.0019	0.0401	U J	0.00 - 0.50
5C-00129	10196	Cm-247/248	0	0.0041	0.0013	0.0306	U J	0.00 - 0.50
5C-00129	10196	Co-60	0.0015	0.016	0.0046	0.028	U	0.00 - 0.50
5C-00129	10196	Cs-134	0.0124	0.062	0.0068	0.0864	U	0.00 - 0.50
5C-00129	10196	Cs-137	0.045	0.013	0.0061	0.207		0.00 - 0.50
5C-00129	10196	Eu-152	-0.004	0.041	0.0044	0.0566	U	0.00 - 0.50
5C-00129	10196	Eu-154	-0.031	0.1	0.031	0.15	U	0.00 - 0.50
5C-00129	10196	Eu-155	0.113	0.049	0.022	0.231	S K	0.00 - 0.50
5C-00129	10196	Ho-166m	0.0076	0.024	0.0054	0.0432	U	0.00 - 0.50
5C-00129	10196	K-40	20.6	0.12	0.62	32.4		0.00 - 0.50
5C-00129	10196	Na-22	-0.0003	0.023	0.0068	0.037	U	0.00 - 0.50
5C-00129	10196	Nb-94	0.0066	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00129	10196	Np-236	-0.0002	0.028	0.0084	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00129	10196	Np-239	-0.018	0.092	0.028	0.139	U	0.00 - 0.50
5C-00129	10196	Pa-231	0.18	0.51	0.15	0.936	U	0.00 - 0.50
5C-00129	10196	Pb-212	1.4	0.028	0.044	2.69		0.00 - 0.50
5C-00129	10196	Pb-214	0.967	0.028	0.042	1.7		0.00 - 0.50
5C-00129	10196	Pu-236	-0.0011	0.0051	0.0009	7.79	U	0.00 - 0.50
5C-00129	10196	Pu-238	-0.0006	0.004	0.0006	0.0415	U	0.00 - 0.50
5C-00129	10196	Pu-239/240	0.0027	0.0015	0.0012	0.0404		0.00 - 0.50
5C-00129	10196	Pu-244	0.0033	0.0015	0.0013	0.0313		0.00 - 0.50
5C-00129	10196	Rn-220	1.22	0.028	0.091	--		0.00 - 0.50
5C-00129	10196	Rn-222	0.903	0.024	0.052	--		0.00 - 0.50
5C-00129	10196	Sb-125	0.124	0.044	0.0098	0.354	S K	0.00 - 0.50
5C-00129	10196	Sn-126	-0.0005	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00129	10196	Sr-90	-0.032	0.067	0.018	0.485	U	0.00 - 0.50
5C-00129	10196	Te-125m	0.0286	0.01	0.0023	0.0838	S K	0.00 - 0.50
5C-00129	10196	Th-228	1.17	0.008	0.059	3.98		0.00 - 0.50
5C-00129	10196	Th-229	0.0155	0.016	0.006	0.145		0.00 - 0.50
5C-00129	10196	Th-230	0.974	0.006	0.05	2.2		0.00 - 0.50
5C-00129	10196	Th-232	1.17	0.002	0.058	3.1		0.00 - 0.50
5C-00129	10196	Th-234	1.32	0.21	0.079	3.19	R	0.00 - 0.50
5C-00129	10196	Tl-208	0.503	0.017	0.019	0.937		0.00 - 0.50
5C-00129	10196	Tm-171	-16.6	9.5	3	72.4	R U	0.00 - 0.50
5C-00129	10196	U-233/234	0.816	0.006	0.043	2.02		0.00 - 0.50
5C-00129	10196	U-235/236	0.0416	0.0077	0.007	0.151		0.00 - 0.50
5C-00129	10196	U-238	0.807	0.008	0.043	1.8		0.00 - 0.50
5C-00129	10197	Ac-227	0.062	0.15	0.049	0.217	U	1.00 - 5.00
5C-00129	10197	Ac-228	1.29	0.084	0.046	2.4		1.00 - 5.00
5C-00129	10197	Ag-108	-0.002	0.0015	0.0005	--	R	1.00 - 5.00
5C-00129	10197	Ag-108m	-0.0219	0.016	0.0049	--	R	1.00 - 5.00
5C-00129	10197	Am-241	-0.0018	0.0099	0.002	0.0454	U	1.00 - 5.00
5C-00129	10197	Ba-133	-0.0978	0.024	0.0084	--	R	1.00 - 5.00
5C-00129	10197	Ba-137m	0.0024	0.016	0.0047	--	U	1.00 - 5.00
5C-00129	10197	Bi-212	1.17	0.16	0.098	2.15		1.00 - 5.00
5C-00129	10197	Bi-214	0.948	0.027	0.034	1.59		1.00 - 5.00
5C-00129	10197	Cd-113m	8	43	13	3030	U	1.00 - 5.00
5C-00129	10197	Cf-249	0.034	0.062	0.019	--		1.00 - 5.00
5C-00129	10197	Cm-243/244	0.0027	0.0024	0.0016	0.0443		1.00 - 5.00
5C-00129	10197	Cm-245/246	0	0.01	0.0024	0.0401	U	1.00 - 5.00
5C-00129	10197	Cm-247/248	0	0.008	0.0016	0.0306	U	1.00 - 5.00
5C-00129	10197	Co-60	-0.0031	0.021	0.0061	0.028	U	1.00 - 5.00
5C-00129	10197	Cs-134	0.0155	0.057	0.0036	0.0864	U	1.00 - 5.00
5C-00129	10197	Cs-137	0.0025	0.017	0.005	0.207	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00129	10197	Eu-152	-0.003	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00129	10197	Eu-154	0.034	0.091	0.027	0.15	U	1.00 - 5.00
5C-00129	10197	Eu-155	0.096	0.034	0.014	0.231		1.00 - 5.00
5C-00129	10197	Ho-166m	-0.0158	0.026	0.0078	0.0432	UL	1.00 - 5.00
5C-00129	10197	K-40	19.3	0.14	0.59	32.4		1.00 - 5.00
5C-00129	10197	Na-22	-0.007	0.027	0.008	0.037	U	1.00 - 5.00
5C-00129	10197	Nb-94	0.0065	0.015	0.0044	0.0214	U	1.00 - 5.00
5C-00129	10197	Np-236	0.0031	0.032	0.0098	0.047	U	1.00 - 5.00
5C-00129	10197	Np-239	-0.019	0.088	0.027	0.139	U	1.00 - 5.00
5C-00129	10197	Pa-231	0.09	0.61	0.18	0.936	U	1.00 - 5.00
5C-00129	10197	Pb-212	1.73	0.024	0.07	2.69	J	1.00 - 5.00
5C-00129	10197	Pb-214	1.07	0.028	0.036	1.7		1.00 - 5.00
5C-00129	10197	Pu-236	-0.0031	0.0099	0.0025	7.79	U	1.00 - 5.00
5C-00129	10197	Pu-238	0.0015	0.0047	0.0014	0.0415	U	1.00 - 5.00
5C-00129	10197	Pu-239/240	0.0015	0.0014	0.0009	0.0404		1.00 - 5.00
5C-00129	10197	Pu-244	0.0025	0.0014	0.0011	0.0313		1.00 - 5.00
5C-00129	10197	Rn-220	1.45	0.02	0.12	--		1.00 - 5.00
5C-00129	10197	Rn-222	1.01	0.027	0.049	--		1.00 - 5.00
5C-00129	10197	Sb-125	0.124	0.044	0.0097	0.354	J	1.00 - 5.00
5C-00129	10197	Sn-126	0.0017	0.016	0.0048	0.0237	U	1.00 - 5.00
5C-00129	10197	Sr-90	-0.0046	0.033	0.0094	0.485	U	1.00 - 5.00
5C-00129	10197	Te-125m	0.0285	0.01	0.0022	0.0838	J	1.00 - 5.00
5C-00129	10197	Th-228	1.2	0.019	0.062	3.98		1.00 - 5.00
5C-00129	10197	Th-229	0.0108	0.0036	0.0038	0.145		1.00 - 5.00
5C-00129	10197	Th-230	0.945	0.003	0.051	2.2		1.00 - 5.00
5C-00129	10197	Th-232	1.26	0.003	0.064	3.1		1.00 - 5.00
5C-00129	10197	Th-234	0.475	0.17	0.054	3.19	J R	1.00 - 5.00
5C-00129	10197	Tl-208	0.51	0.018	0.019	0.937		1.00 - 5.00
5C-00129	10197	Tm-171	-5.2	5.5	1.7	72.4	R	1.00 - 5.00
5C-00129	10197	U-233/234	0.852	0.009	0.048	2.02		1.00 - 5.00
5C-00129	10197	U-235/236	0.0373	0.011	0.0081	0.151		1.00 - 5.00
5C-00129	10197	U-238	0.869	0.003	0.049	1.8		1.00 - 5.00
5C-00130	10198	Ac-227	0.035	0.15	0.052	0.217	U	0.00 - 0.50
5C-00130	10198	Ac-228	1.25	0.11	0.047	2.4		0.00 - 0.50
5C-00130	10198	Ag-108	-0.0018	0.0014	0.0005	--	R U	0.00 - 0.50
5C-00130	10198	Ag-108m	-0.0198	0.015	0.0049	--	R U	0.00 - 0.50
5C-00130	10198	Am-241	0.001	0.0075	0.0018	0.0454	U	0.00 - 0.50
5C-00130	10198	Ba-133	-0.024	0.021	0.0064	--	R U	0.00 - 0.50
5C-00130	10198	Ba-137m	0.0534	0.013	0.0066	--		0.00 - 0.50
5C-00130	10198	Bi-212	1.01	0.13	0.076	2.15		0.00 - 0.50
5C-00130	10198	Bi-214	0.841	0.027	0.031	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00130	10198	Cd-113m	0.4	38	11	3030	U	0.00 - 0.50
5C-00130	10198	Cf-249	0.0001	0.067	0.02	--	U R	0.00 - 0.50
5C-00130	10198	Cm-243/244	-0.004	0.014	0.0031	0.0443	U	0.00 - 0.50
5C-00130	10198	Cm-245/246	0	0.0055	0.0017	0.0401	U J	0.00 - 0.50
5C-00130	10198	Cm-247/248	0	0.0054	0.0017	0.0306	U J	0.00 - 0.50
5C-00130	10198	Co-60	0.0009	0.022	0.0064	0.028	U	0.00 - 0.50
5C-00130	10198	Cs-134	0.0162	0.056	0.005	0.0864	U	0.00 - 0.50
5C-00130	10198	Cs-137	0.0564	0.014	0.0069	0.207		0.00 - 0.50
5C-00130	10198	Eu-152	0.0079	0.042	0.0049	0.0566	U	0.00 - 0.50
5C-00130	10198	Eu-154	0.015	0.11	0.029	0.15	U	0.00 - 0.50
5C-00130	10198	Eu-155	0.061	0.033	0.013	0.231	S K	0.00 - 0.50
5C-00130	10198	Ho-166m	0.0126	0.022	0.0099	0.0432	S K	0.00 - 0.50
5C-00130	10198	K-40	21.2	0.14	0.64	32.4		0.00 - 0.50
5C-00130	10198	Na-22	-0.0087	0.029	0.0087	0.037	U	0.00 - 0.50
5C-00130	10198	Nb-94	0.0034	0.014	0.0032	0.0214	U	0.00 - 0.50
5C-00130	10198	Np-236	-0.0059	0.032	0.0097	0.047	U	0.00 - 0.50
5C-00130	10198	Np-239	-0.004	0.089	0.027	0.139	U	0.00 - 0.50
5C-00130	10198	Pa-231	0.06	0.6	0.18	0.936	U	0.00 - 0.50
5C-00130	10198	Pb-212	1.62	0.026	0.066	2.69		0.00 - 0.50
5C-00130	10198	Pb-214	0.945	0.028	0.033	1.7		0.00 - 0.50
5C-00130	10198	Pu-236	0	0.0014	0.0006	7.79	U	0.00 - 0.50
5C-00130	10198	Pu-238	-0.002	0.0061	0.0011	0.0415	U	0.00 - 0.50
5C-00130	10198	Pu-239/240	0.0015	0.0038	0.0012	0.0404		0.00 - 0.50
5C-00130	10198	Pu-244	0.002	0.0014	0.001	0.0313		0.00 - 0.50
5C-00130	10198	Rn-220	1.31	0.03	0.1	--		0.00 - 0.50
5C-00130	10198	Rn-222	0.893	0.027	0.046	--		0.00 - 0.50
5C-00130	10198	Sb-125	0.153	0.041	0.012	0.354	S K	0.00 - 0.50
5C-00130	10198	Sn-126	0.0004	0.014	0.004	0.0237	U	0.00 - 0.50
5C-00130	10198	Sr-90	-0.002	0.069	0.02	0.485	U	0.00 - 0.50
5C-00130	10198	Te-125m	0.0353	0.0095	0.0028	0.0838	S K	0.00 - 0.50
5C-00130	10198	Th-228	1.22	0.01	0.061	3.98		0.00 - 0.50
5C-00130	10198	Th-229	0.0072	0.013	0.0044	0.145		0.00 - 0.50
5C-00130	10198	Th-230	0.923	0.002	0.048	2.2		0.00 - 0.50
5C-00130	10198	Th-232	1.19	0.006	0.059	3.1		0.00 - 0.50
5C-00130	10198	Th-234	1.45	0.15	0.083	3.19	R	0.00 - 0.50
5C-00130	10198	Tl-208	0.491	0.021	0.02	0.937		0.00 - 0.50
5C-00130	10198	Tm-171	-2.6	6.3	1.9	72.4	U	0.00 - 0.50
5C-00130	10198	U-233/234	0.859	0.01	0.05	2.02		0.00 - 0.50
5C-00130	10198	U-235/236	0.0407	0.012	0.0089	0.151		0.00 - 0.50
5C-00130	10198	U-238	0.917	0.016	0.052	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00130	10199	Ac-227	0.027	0.15	0.045	0.217	U	1.00 - 5.00
5C-00130	10199	Ac-228	1.28	0.081	0.046	2.4		1.00 - 5.00
5C-00130	10199	Ag-108	-0.0019	0.0015	0.0005	--	R	1.00 - 5.00
5C-00130	10199	Ag-108m	-0.0206	0.016	0.0051	--	R	1.00 - 5.00
5C-00130	10199	Am-241	0.0022	0.003	0.0016	0.0454	U	1.00 - 5.00
5C-00130	10199	Ba-133	0.0098	0.013	0.005	--		1.00 - 5.00
5C-00130	10199	Ba-137m	0.003	0.016	0.0047	--	U	1.00 - 5.00
5C-00130	10199	Bi-212	1.17	0.13	0.083	2.15		1.00 - 5.00
5C-00130	10199	Bi-214	0.921	0.026	0.033	1.59		1.00 - 5.00
5C-00130	10199	Cd-113m	1	43	13	3030	U	1.00 - 5.00
5C-00130	10199	Cf-249	0.0053	0.065	0.0058	--	U	1.00 - 5.00
5C-00130	10199	Cm-243/244	0	0.01	0.0023	0.0443	U	1.00 - 5.00
5C-00130	10199	Cm-245/246	0	0.0033	0.0014	0.0401	U	1.00 - 5.00
5C-00130	10199	Cm-247/248	-0.0012	0.0087	0.0013	0.0306	U	1.00 - 5.00
5C-00130	10199	Co-60	-0.0024	0.015	0.0043	0.028	U	1.00 - 5.00
5C-00130	10199	Cs-134	-0.002	0.062	0.019	0.0864	U	1.00 - 5.00
5C-00130	10199	Cs-137	0.0031	0.017	0.005	0.207	U	1.00 - 5.00
5C-00130	10199	Eu-152	-0.014	0.041	0.012	0.0566	U	1.00 - 5.00
5C-00130	10199	Eu-154	-0.026	0.1	0.03	0.15	U	1.00 - 5.00
5C-00130	10199	Eu-155	0.087	0.049	0.021	0.231		1.00 - 5.00
5C-00130	10199	Ho-166m	-0.0007	0.025	0.001	0.0432	U	1.00 - 5.00
5C-00130	10199	K-40	18.9	0.11	0.57	32.4		1.00 - 5.00
5C-00130	10199	Na-22	-0.0026	0.023	0.007	0.037	U	1.00 - 5.00
5C-00130	10199	Nb-94	0.0056	0.014	0.003	0.0214	U	1.00 - 5.00
5C-00130	10199	Np-236	-0.007	0.037	0.011	0.047	U	1.00 - 5.00
5C-00130	10199	Np-239	-0.015	0.095	0.029	0.139	U	1.00 - 5.00
5C-00130	10199	Pa-231	-0.037	0.65	0.044	0.936	U	1.00 - 5.00
5C-00130	10199	Pb-212	1.37	0.039	0.045	2.69		1.00 - 5.00
5C-00130	10199	Pb-214	0.981	0.024	0.042	1.7		1.00 - 5.00
5C-00130	10199	Pu-236	0	0.0026	0.0008	7.79	U	1.00 - 5.00
5C-00130	10199	Pu-238	0.0009	0.0026	0.0009	0.0415	U	1.00 - 5.00
5C-00130	10199	Pu-239/240	0.0019	0.0026	0.0013	0.0404		1.00 - 5.00
5C-00130	10199	Pu-244	0.0009	0.0025	0.0009	0.0313	U	1.00 - 5.00
5C-00130	10199	Rn-220	1.27	0.039	0.095	--		1.00 - 5.00
5C-00130	10199	Rn-222	0.951	0.024	0.053	--		1.00 - 5.00
5C-00130	10199	Sb-125	0.155	0.047	0.012	0.354	J	1.00 - 5.00
5C-00130	10199	Sn-126	0.0054	0.016	0.0049	0.0237	U	1.00 - 5.00
5C-00130	10199	Sr-90	0.002	0.046	0.013	0.485	U	1.00 - 5.00
5C-00130	10199	Te-125m	0.0358	0.011	0.0028	0.0838	J	1.00 - 5.00
5C-00130	10199	Th-228	1.16	0.017	0.061	3.98		1.00 - 5.00
5C-00130	10199	Th-229	0.0114	0.0076	0.0038	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00130	10199	Th-230	0.876	0.012	0.049	2.2		1.00 - 5.00
5C-00130	10199	Th-232	1.12	0.003	0.059	3.1		1.00 - 5.00
5C-00130	10199	Th-234	1.23	0.21	0.077	3.19	J R	1.00 - 5.00
5C-00130	10199	Tl-208	0.513	0.018	0.019	0.937		1.00 - 5.00
5C-00130	10199	Tm-171	1.3	8	2.4	72.4	U	1.00 - 5.00
5C-00130	10199	U-233/234	0.243	0.0009	0.014	2.02		1.00 - 5.00
5C-00130	10199	U-235/236	0.0125	0.0031	0.0024	0.151		1.00 - 5.00
5C-00130	10199	U-238	0.243	0.002	0.014	1.8		1.00 - 5.00
5C-00131	10200	Ac-227	0.012	0.14	0.026	0.217	U	1.00 - 5.00
5C-00131	10200	Ac-228	1.13	0.078	0.049	2.4		1.00 - 5.00
5C-00131	10200	Ag-108	-0.0043	0.0015	0.0005	--	R	1.00 - 5.00
5C-00131	10200	Ag-108m	-0.0461	0.016	0.0053	--	R	1.00 - 5.00
5C-00131	10200	Am-241	0.0043	0.0023	0.0019	0.0454		1.00 - 5.00
5C-00131	10200	Ba-133	-0.0926	0.022	0.0076	--	R	1.00 - 5.00
5C-00131	10200	Ba-137m	0.0175	0.0098	0.0039	--		1.00 - 5.00
5C-00131	10200	Bi-212	1.05	0.12	0.076	2.15		1.00 - 5.00
5C-00131	10200	Bi-214	0.851	0.021	0.029	1.59		1.00 - 5.00
5C-00131	10200	Cd-113m	-4	37	11	3030	U	1.00 - 5.00
5C-00131	10200	Cf-249	0.0048	0.061	0.0042	--	U	1.00 - 5.00
5C-00131	10200	Cm-243/244	0.0009	0.0023	0.0009	0.0443	U	1.00 - 5.00
5C-00131	10200	Cm-245/246	0.0028	0.0038	0.002	0.0401	U	1.00 - 5.00
5C-00131	10200	Cm-247/248	0.0014	0.0037	0.0014	0.0306	U	1.00 - 5.00
5C-00131	10200	Co-60	0.0014	0.018	0.0014	0.028	U	1.00 - 5.00
5C-00131	10200	Cs-134	0.015	0.048	0.0065	0.0864	U	1.00 - 5.00
5C-00131	10200	Cs-137	0.0185	0.01	0.0042	0.207		1.00 - 5.00
5C-00131	10200	Eu-152	0.016	0.036	0.01	0.0566	U	1.00 - 5.00
5C-00131	10200	Eu-154	-0.0008	0.097	0.001	0.15	U	1.00 - 5.00
5C-00131	10200	Eu-155	0.075	0.032	0.013	0.231		1.00 - 5.00
5C-00131	10200	Ho-166m	-0.0007	0.024	0.0008	0.0432	U	1.00 - 5.00
5C-00131	10200	K-40	19.6	0.11	0.59	32.4		1.00 - 5.00
5C-00131	10200	Na-22	-0.0069	0.024	0.0072	0.037	U	1.00 - 5.00
5C-00131	10200	Nb-94	0.0042	0.013	0.0031	0.0214	U	1.00 - 5.00
5C-00131	10200	Np-236	-0.0058	0.028	0.0085	0.047	U	1.00 - 5.00
5C-00131	10200	Np-239	0.011	0.082	0.025	0.139	U	1.00 - 5.00
5C-00131	10200	Pa-231	-0.11	0.56	0.17	0.936	U	1.00 - 5.00
5C-00131	10200	Pb-212	1.56	0.023	0.063	2.69		1.00 - 5.00
5C-00131	10200	Pb-214	0.93	0.023	0.031	1.7		1.00 - 5.00
5C-00131	10200	Pu-236	-0.0005	0.005	0.0006	7.79	U	1.00 - 5.00
5C-00131	10200	Pu-238	0.0007	0.0061	0.0014	0.0415	U	1.00 - 5.00
5C-00131	10200	Pu-239/240	0.0012	0.005	0.0013	0.0404	U	1.00 - 5.00
5C-00131	10200	Pu-244	0	0.0023	0.0007	0.0313	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00131	10200	Rn-220	1.3	0.023	0.099	--		1.00 - 5.00
5C-00131	10200	Rn-222	0.891	0.021	0.043	--		1.00 - 5.00
5C-00131	10200	Sb-125	0.136	0.038	0.011	0.354	J	1.00 - 5.00
5C-00131	10200	Sn-126	0.0034	0.015	0.0045	0.0237	U	1.00 - 5.00
5C-00131	10200	Sr-90	0.012	0.043	0.013	0.485	U	1.00 - 5.00
5C-00131	10200	Te-125m	0.0315	0.0089	0.0026	0.0838	J	1.00 - 5.00
5C-00131	10200	Th-228	1.18	0.017	0.062	3.98		1.00 - 5.00
5C-00131	10200	Th-229	0.0191	0.0098	0.0048	0.145		1.00 - 5.00
5C-00131	10200	Th-230	0.872	0.003	0.048	2.2		1.00 - 5.00
5C-00131	10200	Th-232	1.14	0.009	0.06	3.1		1.00 - 5.00
5C-00131	10200	Th-234	1.4	0.14	0.079	3.19	J R	1.00 - 5.00
5C-00131	10200	Tl-208	0.481	0.017	0.018	0.937		1.00 - 5.00
5C-00131	10200	Tm-171	-2.8	6.1	1.8	72.4	U	1.00 - 5.00
5C-00131	10200	U-233/234	0.599	0.008	0.036	2.02		1.00 - 5.00
5C-00131	10200	U-235/236	0.0294	0.0098	0.0067	0.151		1.00 - 5.00
5C-00131	10200	U-238	0.609	0.003	0.036	1.8		1.00 - 5.00
5C-00132	10201	Ac-227	0.034	0.14	0.05	0.217	U	0.00 - 0.50
5C-00132	10201	Ac-228	1.36	0.079	0.046	2.4		0.00 - 0.50
5C-00132	10201	Ag-108	-0.0041	0.0016	0.0005	--	R	0.00 - 0.50
5C-00132	10201	Ag-108m	-0.0441	0.017	0.0058	--	R	0.00 - 0.50
5C-00132	10201	Am-241	0.0026	0.012	0.0033	0.0454	U	0.00 - 0.50
5C-00132	10201	Ba-133	-0.0161	0.018	0.0055	--	UJ	0.00 - 0.50
5C-00132	10201	Ba-137m	0.0797	0.013	0.0067	--		0.00 - 0.50
5C-00132	10201	Bi-212	1.25	0.14	0.088	2.15		0.00 - 0.50
5C-00132	10201	Bi-214	0.913	0.026	0.032	1.59		0.00 - 0.50
5C-00132	10201	Cd-113m	-0.7	38	11	3030	U	0.00 - 0.50
5C-00132	10201	Cf-249	0.0135	0.065	0.005	--	U	0.00 - 0.50
5C-00132	10201	Cm-243/244	0	0.0093	0.0019	0.0443	U	0.00 - 0.50
5C-00132	10201	Cm-245/246	0.0024	0.0032	0.0017	0.0401	U	0.00 - 0.50
5C-00132	10201	Cm-247/248	0	0.0032	0.0013	0.0306	U	0.00 - 0.50
5C-00132	10201	Co-60	-0.0004	0.019	0.0055	0.028	U	0.00 - 0.50
5C-00132	10201	Cs-134	-0.002	0.054	0.016	0.0864	UJ	0.00 - 0.50
5C-00132	10201	Cs-137	0.0843	0.013	0.0071	0.207		0.00 - 0.50
5C-00132	10201	Eu-152	0.019	0.038	0.013	0.0566		0.00 - 0.50
5C-00132	10201	Eu-154	0.0082	0.1	0.0066	0.15	U	0.00 - 0.50
5C-00132	10201	Eu-155	0.077	0.038	0.016	0.231		0.00 - 0.50
5C-00132	10201	Ho-166m	0.0022	0.024	0.0021	0.0432	U	0.00 - 0.50
5C-00132	10201	K-40	18.6	0.15	0.57	32.4		0.00 - 0.50
5C-00132	10201	Na-22	-0.0022	0.023	0.0068	0.037	U	0.00 - 0.50
5C-00132	10201	Nb-94	0.0066	0.014	0.0043	0.0214	U	0.00 - 0.50
5C-00132	10201	Np-236	-0.0001	0.032	0.0095	0.047	U	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00132	10201	Np-239	0.009	0.086	0.026	0.139	U	0.00 - 0.50
5C-00132	10201	Pa-231	-0.12	0.59	0.18	0.936	U	0.00 - 0.50
5C-00132	10201	Pb-212	1.65	0.025	0.05	2.69		0.00 - 0.50
5C-00132	10201	Pb-214	0.967	0.026	0.041	1.7		0.00 - 0.50
5C-00132	10201	Pu-236	-0.0005	0.0045	0.0005	7.79	U	0.00 - 0.50
5C-00132	10201	Pu-238	-0.0011	0.007	0.0013	0.0415	U	0.00 - 0.50
5C-00132	10201	Pu-239/240	0.0026	0.0045	0.0016	0.0404		0.00 - 0.50
5C-00132	10201	Pu-244	0.0023	0.0021	0.0013	0.0313		0.00 - 0.50
5C-00132	10201	Rn-220	1.45	0.02	0.1	--		0.00 - 0.50
5C-00132	10201	Rn-222	0.94	0.026	0.053	--		0.00 - 0.50
5C-00132	10201	Sb-125	0.155	0.04	0.012	0.354		0.00 - 0.50
5C-00132	10201	Sn-126	0.004	0.016	0.0049	0.0237	U	0.00 - 0.50
5C-00132	10201	Sr-90	0.014	0.06	0.018	0.485	U	0.00 - 0.50
5C-00132	10201	Te-125m	0.0357	0.0093	0.0028	0.0838		0.00 - 0.50
5C-00132	10201	Th-228	1.51	0.011	0.076	3.98		0.00 - 0.50
5C-00132	10201	Th-229	0.0062	0.0091	0.0033	0.145		0.00 - 0.50
5C-00132	10201	Th-230	1.04	0.009	0.056	2.2		0.00 - 0.50
5C-00132	10201	Th-232	1.39	0.003	0.071	3.1		0.00 - 0.50
5C-00132	10201	Th-234	0.477	0.17	0.054	3.19	J R	0.00 - 0.50
5C-00132	10201	Tl-208	0.562	0.02	0.021	0.937		0.00 - 0.50
5C-00132	10201	Tm-171	-2.5	6.6	2	72.4	U	0.00 - 0.50
5C-00132	10201	U-233/234	0.909	0.009	0.051	2.02		0.00 - 0.50
5C-00132	10201	U-235/236	0.0434	0.0043	0.0085	0.151		0.00 - 0.50
5C-00132	10201	U-238	0.786	0.003	0.046	1.8		0.00 - 0.50
5C-00132	10202	Ac-227	0.034	0.099	0.048	0.217	U	1.00 - 5.00
5C-00132	10202	Ac-228	1.25	0.086	0.044	2.4		1.00 - 5.00
5C-00132	10202	Ag-108	-0.0002	0.0013	0.0004	--	UJ	1.00 - 5.00
5C-00132	10202	Ag-108m	-0.002	0.013	0.004	--	UJ	1.00 - 5.00
5C-00132	10202	Am-241	0.0032	0.0029	0.0019	0.0454		1.00 - 5.00
5C-00132	10202	Ba-133	-0.0058	0.016	0.005	--	U	1.00 - 5.00
5C-00132	10202	Ba-137m	0.0009	0.015	0.0055	--	U	1.00 - 5.00
5C-00132	10202	Bi-212	1.07	0.15	0.087	2.15		1.00 - 5.00
5C-00132	10202	Bi-214	0.863	0.025	0.031	1.59		1.00 - 5.00
5C-00132	10202	Cd-113m	-0.2	33	9.9	3030	U	1.00 - 5.00
5C-00132	10202	Cf-249	0.0047	0.062	0.0031	--	U	1.00 - 5.00
5C-00132	10202	Cm-243/244	0	0.0078	0.0016	0.0443	U	1.00 - 5.00
5C-00132	10202	Cm-245/246	0	0.0031	0.0013	0.0401	U	1.00 - 5.00
5C-00132	10202	Cm-247/248	0.0034	0.003	0.0019	0.0306		1.00 - 5.00
5C-00132	10202	Co-60	0.003	0.018	0.0043	0.028	U	1.00 - 5.00
5C-00132	10202	Cs-134	0	0.013	0.0039	0.0864	U	1.00 - 5.00
5C-00132	10202	Cs-137	0.001	0.016	0.0059	0.207	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00132	10202	Eu-152	0.0001	0.034	0.01	0.0566	U	1.00 - 5.00
5C-00132	10202	Eu-154	0.0098	0.094	0.0043	0.15	U	1.00 - 5.00
5C-00132	10202	Eu-155	0.074	0.029	0.011	0.231		1.00 - 5.00
5C-00132	10202	Ho-166m	0.0018	0.024	0.0016	0.0432	U	1.00 - 5.00
5C-00132	10202	K-40	16.7	0.13	0.51	32.4		1.00 - 5.00
5C-00132	10202	Na-22	0.0016	0.022	0.0067	0.037	U	1.00 - 5.00
5C-00132	10202	Nb-94	0.0128	0.011	0.0047	0.0214		1.00 - 5.00
5C-00132	10202	Np-236	-0.0095	0.028	0.0085	0.047	U	1.00 - 5.00
5C-00132	10202	Np-239	-0.0007	0.079	0.024	0.139	U	1.00 - 5.00
5C-00132	10202	Pa-231	0.02	0.55	0.16	0.936	U	1.00 - 5.00
5C-00132	10202	Pb-212	1.63	0.022	0.066	2.69		1.00 - 5.00
5C-00132	10202	Pb-214	0.904	0.023	0.031	1.7		1.00 - 5.00
5C-00132	10202	Pu-236	0.0009	0.0023	0.0009	7.79	U	1.00 - 5.00
5C-00132	10202	Pu-238	0.0017	0.0023	0.0012	0.0415		1.00 - 5.00
5C-00132	10202	Pu-239/240	0.0009	0.0023	0.0009	0.0404	U	1.00 - 5.00
5C-00132	10202	Pu-244	0	0.0023	0.0008	0.0313	U	1.00 - 5.00
5C-00132	10202	Rn-220	1.35	0.02	0.11	--		1.00 - 5.00
5C-00132	10202	Rn-222	0.884	0.023	0.044	--		1.00 - 5.00
5C-00132	10202	Sb-125	0.118	0.042	0.0096	0.354	J	1.00 - 5.00
5C-00132	10202	Sn-126	-0.0026	0.015	0.0046	0.0237	U	1.00 - 5.00
5C-00132	10202	Sr-90	0.01	0.039	0.012	0.485	U	1.00 - 5.00
5C-00132	10202	Te-125m	0.0273	0.0098	0.0022	0.0838	J	1.00 - 5.00
5C-00132	10202	Th-228	1.24	0.026	0.066	3.98		1.00 - 5.00
5C-00132	10202	Th-229	0.0103	0.0063	0.0033	0.145		1.00 - 5.00
5C-00132	10202	Th-230	0.889	0.012	0.051	2.2		1.00 - 5.00
5C-00132	10202	Th-232	1.24	0.01	0.066	3.1		1.00 - 5.00
5C-00132	10202	Th-234	0.558	0.15	0.05	3.19	J R	1.00 - 5.00
5C-00132	10202	Tl-208	0.493	0.017	0.018	0.937		1.00 - 5.00
5C-00132	10202	Tm-171	2.5	5.7	1.7	72.4	U	1.00 - 5.00
5C-00132	10202	U-233/234	0.644	0.002	0.036	2.02		1.00 - 5.00
5C-00132	10202	U-235/236	0.0371	0.003	0.0066	0.151		1.00 - 5.00
5C-00132	10202	U-238	0.648	0.008	0.036	1.8		1.00 - 5.00
5C-00133	10203	Ac-227	0.078	0.091	0.018	0.217		0.00 - 0.50
5C-00133	10203	Ac-228	1.32	0.06	0.043	2.4		0.00 - 0.50
5C-00133	10203	Ag-108	-0.0011	0.0011	0.0003	--	R	0.00 - 0.50
5C-00133	10203	Ag-108m	-0.012	0.012	0.0037	--	R	0.00 - 0.50
5C-00133	10203	Am-241	0	0.013	0.0033	0.0454	U	0.00 - 0.50
5C-00133	10203	Ba-133	-0.0516	0.015	0.0051	--	R	0.00 - 0.50
5C-00133	10203	Ba-137m	0.0522	0.0097	0.005	--		0.00 - 0.50
5C-00133	10203	Bi-212	1.03	0.11	0.066	2.15		0.00 - 0.50
5C-00133	10203	Bi-214	0.964	0.023	0.033	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00133	10203	Cd-113m	4	34	10	3030	U	0.00 - 0.50
5C-00133	10203	Cf-249	-0.002	0.055	0.016	--	U	0.00 - 0.50
5C-00133	10203	Cm-243/244	0	0.003	0.0012	0.0443	U	0.00 - 0.50
5C-00133	10203	Cm-245/246	-0.0013	0.012	0.0025	0.0401	U	0.00 - 0.50
5C-00133	10203	Cm-247/248	0.0013	0.0035	0.0013	0.0306	U	0.00 - 0.50
5C-00133	10203	Co-60	-0.0015	0.014	0.0043	0.028	U	0.00 - 0.50
5C-00133	10203	Cs-134	0.0054	0.04	0.0018	0.0864	UJ	0.00 - 0.50
5C-00133	10203	Cs-137	0.0552	0.01	0.0053	0.207		0.00 - 0.50
5C-00133	10203	Eu-152	-0.0114	0.032	0.0097	0.0566	U	0.00 - 0.50
5C-00133	10203	Eu-154	-0.016	0.079	0.024	0.15	U	0.00 - 0.50
5C-00133	10203	Eu-155	0.077	0.03	0.013	0.231		0.00 - 0.50
5C-00133	10203	Ho-166m	0.0062	0.019	0.0055	0.0432	U	0.00 - 0.50
5C-00133	10203	K-40	22.1	0.11	0.65	32.4		0.00 - 0.50
5C-00133	10203	Na-22	0.0004	0.019	0.0056	0.037	U	0.00 - 0.50
5C-00133	10203	Nb-94	0.0055	0.011	0.0033	0.0214		0.00 - 0.50
5C-00133	10203	Np-236	-0.0048	0.025	0.0075	0.047	U	0.00 - 0.50
5C-00133	10203	Np-239	0.023	0.073	0.022	0.139	U	0.00 - 0.50
5C-00133	10203	Pa-231	-0.03	0.48	0.14	0.936	U	0.00 - 0.50
5C-00133	10203	Pb-212	1.68	0.021	0.068	2.69		0.00 - 0.50
5C-00133	10203	Pb-214	1.08	0.022	0.035	1.7		0.00 - 0.50
5C-00133	10203	Pu-236	-0.0017	0.0085	0.0017	7.79	U	0.00 - 0.50
5C-00133	10203	Pu-238	-0.0008	0.0075	0.0016	0.0415	U	0.00 - 0.50
5C-00133	10203	Pu-239/240	0.0026	0.0045	0.0016	0.0404		0.00 - 0.50
5C-00133	10203	Pu-244	0.0049	0.0045	0.0021	0.0313		0.00 - 0.50
5C-00133	10203	Rn-220	1.35	0.021	0.095	--		0.00 - 0.50
5C-00133	10203	Rn-222	1.02	0.022	0.048	--		0.00 - 0.50
5C-00133	10203	Sb-125	0.148	0.034	0.0097	0.354		0.00 - 0.50
5C-00133	10203	Sn-126	-0.0003	0.013	0.0038	0.0237	U	0.00 - 0.50
5C-00133	10203	Sr-90	0.008	0.061	0.018	0.485	U	0.00 - 0.50
5C-00133	10203	Te-125m	0.0341	0.0078	0.0022	0.0838		0.00 - 0.50
5C-00133	10203	Th-228	1.36	0.01	0.068	3.98		0.00 - 0.50
5C-00133	10203	Th-229	0.0051	0.0034	0.0025	0.145		0.00 - 0.50
5C-00133	10203	Th-230	1.02	0.003	0.054	2.2		0.00 - 0.50
5C-00133	10203	Th-232	1.29	0.008	0.065	3.1		0.00 - 0.50
5C-00133	10203	Th-234	0.43	0.14	0.046	3.19	J R	0.00 - 0.50
5C-00133	10203	Tl-208	0.486	0.016	0.018	0.937		0.00 - 0.50
5C-00133	10203	Tm-171	-3.4	5.7	1.7	72.4	U	0.00 - 0.50
5C-00133	10203	U-233/234	0.863	0.003	0.048	2.02		0.00 - 0.50
5C-00133	10203	U-235/236	0.0425	0.0038	0.008	0.151		0.00 - 0.50
5C-00133	10203	U-238	0.931	0.003	0.051	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00133	10204	Ac-227	0.024	0.14	0.043	0.217	U	1.00 - 5.00
5C-00133	10204	Ac-228	1.26	0.071	0.044	2.4		1.00 - 5.00
5C-00133	10204	Ag-108	-0.0031	0.0015	0.0005	--	R	1.00 - 5.00
5C-00133	10204	Ag-108m	-0.0337	0.016	0.0052	--	R	1.00 - 5.00
5C-00133	10204	Am-241	0.001	0.0027	0.001	0.0454	U	1.00 - 5.00
5C-00133	10204	Ba-133	-0.137	0.027	0.01	--	R	1.00 - 5.00
5C-00133	10204	Ba-137m	0.032	0.01	0.0048	--		1.00 - 5.00
5C-00133	10204	Bi-212	0.992	0.12	0.072	2.15		1.00 - 5.00
5C-00133	10204	Bi-214	0.892	0.025	0.032	1.59		1.00 - 5.00
5C-00133	10204	Cd-113m	-0.02	42	13	3030	U	1.00 - 5.00
5C-00133	10204	Cf-249	0.0145	0.043	0.0053	--	U	1.00 - 5.00
5C-00133	10204	Cm-243/244	0.001	0.0073	0.0018	0.0443	U	1.00 - 5.00
5C-00133	10204	Cm-245/246	0.0033	0.003	0.0019	0.0401		1.00 - 5.00
5C-00133	10204	Cm-247/248	0	0.0029	0.0012	0.0306	U	1.00 - 5.00
5C-00133	10204	Co-60	0	0.014	0.0045	0.028	U	1.00 - 5.00
5C-00133	10204	Cs-134	0.0172	0.059	0.0052	0.0864	U	1.00 - 5.00
5C-00133	10204	Cs-137	0.0339	0.011	0.005	0.207		1.00 - 5.00
5C-00133	10204	Eu-152	-0.014	0.039	0.012	0.0566	U	1.00 - 5.00
5C-00133	10204	Eu-154	-0.008	0.095	0.011	0.15	U	1.00 - 5.00
5C-00133	10204	Eu-155	0.079	0.049	0.021	0.231		1.00 - 5.00
5C-00133	10204	Ho-166m	0.0004	0.024	0.0005	0.0432	U	1.00 - 5.00
5C-00133	10204	K-40	18.7	0.1	0.56	32.4		1.00 - 5.00
5C-00133	10204	Na-22	-0.0014	0.015	0.0043	0.037	U	1.00 - 5.00
5C-00133	10204	Nb-94	0.0033	0.013	0.0041	0.0214	U	1.00 - 5.00
5C-00133	10204	Np-236	-0.0004	0.031	0.0093	0.047	U	1.00 - 5.00
5C-00133	10204	Np-239	-0.017	0.092	0.028	0.139	U	1.00 - 5.00
5C-00133	10204	Pa-231	0.04	0.62	0.19	0.936	U	1.00 - 5.00
5C-00133	10204	Pb-212	1.34	0.034	0.043	2.69		1.00 - 5.00
5C-00133	10204	Pb-214	0.943	0.025	0.04	1.7		1.00 - 5.00
5C-00133	10204	Pu-236	0.0009	0.0024	0.0009	7.79	U	1.00 - 5.00
5C-00133	10204	Pu-238	-0.0005	0.0053	0.0006	0.0415	U	1.00 - 5.00
5C-00133	10204	Pu-239/240	0.0045	0.0024	0.002	0.0404		1.00 - 5.00
5C-00133	10204	Pu-244	0.0009	0.0024	0.0009	0.0313	U	1.00 - 5.00
5C-00133	10204	Rn-220	1.17	0.034	0.084	--		1.00 - 5.00
5C-00133	10204	Rn-222	0.918	0.025	0.051	--		1.00 - 5.00
5C-00133	10204	Sb-125	0.143	0.043	0.012	0.354	J	1.00 - 5.00
5C-00133	10204	Sn-126	-0.0027	0.015	0.0044	0.0237	U	1.00 - 5.00
5C-00133	10204	Sr-90	0.013	0.045	0.013	0.485	U	1.00 - 5.00
5C-00133	10204	Te-125m	0.033	0.0099	0.0028	0.0838	J	1.00 - 5.00
5C-00133	10204	Th-228	1.04	0.023	0.058	3.98		1.00 - 5.00
5C-00133	10204	Th-229	0.0121	0.0022	0.0032	0.145		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00133	10204	Th-230	0.837	0.016	0.049	2.2		1.00 - 5.00
5C-00133	10204	Th-232	1.06	0.01	0.059	3.1		1.00 - 5.00
5C-00133	10204	Th-234	1.35	0.2	0.078	3.19	J R	1.00 - 5.00
5C-00133	10204	Tl-208	0.473	0.017	0.018	0.937		1.00 - 5.00
5C-00133	10204	Tm-171	-4.2	10	3.1	72.4	U	1.00 - 5.00
5C-00133	10204	U-233/234	0.612	0.006	0.034	2.02		1.00 - 5.00
5C-00133	10204	U-235/236	0.0219	0.0026	0.0047	0.151		1.00 - 5.00
5C-00133	10204	U-238	0.593	0.002	0.033	1.8		1.00 - 5.00
5C-00134	10205	Ac-227	0.018	0.14	0.025	0.217	U	0.00 - 0.50
5C-00134	10205	Ac-228	1.26	0.097	0.045	2.4		0.00 - 0.50
5C-00134	10205	Ag-108	-0.0001	0.0014	0.0001	--	U R	0.00 - 0.50
5C-00134	10205	Ag-108m	-0.0006	0.015	0.0006	--	U R	0.00 - 0.50
5C-00134	10205	Am-241	0.0029	0.0071	0.0022	0.0454		0.00 - 0.50
5C-00134	10205	Ba-133	-0.0292	0.019	0.0059	--	R U	0.00 - 0.50
5C-00134	10205	Ba-137m	0.0477	0.013	0.0063	--		0.00 - 0.50
5C-00134	10205	Bi-212	1.1	0.13	0.076	2.15		0.00 - 0.50
5C-00134	10205	Bi-214	0.865	0.027	0.032	1.59		0.00 - 0.50
5C-00134	10205	Cd-113m	8	40	12	3030	U	0.00 - 0.50
5C-00134	10205	Cf-249	0.033	0.058	0.018	--	R	0.00 - 0.50
5C-00134	10205	Cm-243/244	-0.0038	0.023	0.0063	0.0443	U	0.00 - 0.50
5C-00134	10205	Cm-245/246	0.0007	0.01	0.0021	0.0401	U J	0.00 - 0.50
5C-00134	10205	Cm-247/248	0.0034	0.0046	0.0024	0.0306	U J	0.00 - 0.50
5C-00134	10205	Co-60	0.0007	0.02	0.006	0.028	U	0.00 - 0.50
5C-00134	10205	Cs-134	0.0016	0.027	0.0035	0.0864	U	0.00 - 0.50
5C-00134	10205	Cs-137	0.0505	0.014	0.0067	0.207		0.00 - 0.50
5C-00134	10205	Eu-152	0.016	0.038	0.016	0.0566	U	0.00 - 0.50
5C-00134	10205	Eu-154	-0.04	0.11	0.034	0.15	U	0.00 - 0.50
5C-00134	10205	Eu-155	0.08	0.033	0.013	0.231	S K	0.00 - 0.50
5C-00134	10205	Ho-166m	0.0099	0.024	0.0071	0.0432	U	0.00 - 0.50
5C-00134	10205	K-40	21.2	0.14	0.64	32.4		0.00 - 0.50
5C-00134	10205	Na-22	0.0012	0.022	0.0064	0.037	U	0.00 - 0.50
5C-00134	10205	Nb-94	0.0044	0.015	0.0044	0.0214	U	0.00 - 0.50
5C-00134	10205	Np-236	0.0027	0.031	0.0093	0.047	U	0.00 - 0.50
5C-00134	10205	Np-239	-0.023	0.086	0.026	0.139	U	0.00 - 0.50
5C-00134	10205	Pa-231	0.11	0.52	0.16	0.936	U	0.00 - 0.50
5C-00134	10205	Pb-212	1.57	0.027	0.064	2.69		0.00 - 0.50
5C-00134	10205	Pb-214	0.988	0.029	0.034	1.7		0.00 - 0.50
5C-00134	10205	Pu-236	-0.0011	0.0058	0.0012	7.79	U	0.00 - 0.50
5C-00134	10205	Pu-238	-0.0016	0.007	0.0015	0.0415	U	0.00 - 0.50
5C-00134	10205	Pu-239/240	0.0016	0.004	0.0012	0.0404		0.00 - 0.50
5C-00134	10205	Pu-244	0.0016	0.0014	0.0009	0.0313		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00134	10205	Rn-220	1.34	0.027	0.0999	--		0.00 - 0.50
5C-00134	10205	Rn-222	0.927	0.027	0.046	--		0.00 - 0.50
5C-00134	10205	Sb-125	0.109	0.04	0.01	0.354	S K	0.00 - 0.50
5C-00134	10205	Sn-126	-0.0002	0.017	0.0051	0.0237	U	0.00 - 0.50
5C-00134	10205	Sr-90	0.031	0.071	0.022	0.485	U	0.00 - 0.50
5C-00134	10205	Te-125m	0.0252	0.0093	0.0023	0.0838	S K	0.00 - 0.50
5C-00134	10205	Th-228	1.22	0.011	0.061	3.98		0.00 - 0.50
5C-00134	10205	Th-229	0.0071	0.011	0.0038	0.145		0.00 - 0.50
5C-00134	10205	Th-230	0.921	0.002	0.048	2.2		0.00 - 0.50
5C-00134	10205	Th-232	1.18	0.009	0.059	3.1		0.00 - 0.50
5C-00134	10205	Th-234	0.405	0.16	0.05	3.19	R	0.00 - 0.50
5C-00134	10205	Tl-208	0.508	0.018	0.019	0.937		0.00 - 0.50
5C-00134	10205	Tm-171	-1.7	6.3	1.9	72.4	U	0.00 - 0.50
5C-00134	10205	U-233/234	0.781	0.008	0.044	2.02		0.00 - 0.50
5C-00134	10205	U-235/236	0.044	0.01	0.0083	0.151		0.00 - 0.50
5C-00134	10205	U-238	0.823	0.003	0.046	1.8		0.00 - 0.50
5C-00134	10206	Ac-227	0.043	0.14	0.042	0.217	U	1.00 - 5.00
5C-00134	10206	Ac-228	1.22	0.079	0.042	2.4		1.00 - 5.00
5C-00134	10206	Ag-108	-0.0019	0.0014	0.0004	--	R	1.00 - 5.00
5C-00134	10206	Ag-108m	-0.0202	0.015	0.0046	--	R	1.00 - 5.00
5C-00134	10206	Am-241	0.0014	0.011	0.0026	0.0454	U	1.00 - 5.00
5C-00134	10206	Ba-133	-0.103	0.023	0.0081	--	R	1.00 - 5.00
5C-00134	10206	Ba-137m	-0.0062	0.014	0.0043	--	U	1.00 - 5.00
5C-00134	10206	Bi-212	0.997	0.13	0.075	2.15		1.00 - 5.00
5C-00134	10206	Bi-214	0.927	0.023	0.032	1.59		1.00 - 5.00
5C-00134	10206	Cd-113m	0.4	40	12	3030	U	1.00 - 5.00
5C-00134	10206	Cf-249	0.003	0.063	0.019	--	U	1.00 - 5.00
5C-00134	10206	Cm-243/244	0.0014	0.015	0.0039	0.0443	U	1.00 - 5.00
5C-00134	10206	Cm-245/246	0.001	0.0071	0.0017	0.0401	U	1.00 - 5.00
5C-00134	10206	Cm-247/248	0	0.0026	0.0011	0.0306	U	1.00 - 5.00
5C-00134	10206	Co-60	0.0019	0.018	0.0026	0.028	U	1.00 - 5.00
5C-00134	10206	Cs-134	-0.003	0.048	0.011	0.0864	U	1.00 - 5.00
5C-00134	10206	Cs-137	-0.0066	0.015	0.0046	0.207	U	1.00 - 5.00
5C-00134	10206	Eu-152	-0.015	0.038	0.012	0.0566	U	1.00 - 5.00
5C-00134	10206	Eu-154	-0.0016	0.098	0.0016	0.15	U	1.00 - 5.00
5C-00134	10206	Eu-155	0.085	0.031	0.013	0.231		1.00 - 5.00
5C-00134	10206	Ho-166m	0.0044	0.024	0.0035	0.0432	UJ	1.00 - 5.00
5C-00134	10206	K-40	18.2	0.12	0.55	32.4		1.00 - 5.00
5C-00134	10206	Na-22	0.0002	0.023	0.0068	0.037	U	1.00 - 5.00
5C-00134	10206	Nb-94	0.0085	0.013	0.0039	0.0214		1.00 - 5.00
5C-00134	10206	Np-236	-0.0004	0.03	0.009	0.047	U	1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00134	10206	Np-239	-0.002	0.083	0.025	0.139	U	1.00 - 5.00
5C-00134	10206	Pa-231	-0.01	0.58	0.17	0.936	U	1.00 - 5.00
5C-00134	10206	Pb-212	1.54	0.023	0.063	2.69		1.00 - 5.00
5C-00134	10206	Pb-214	0.973	0.023	0.032	1.7		1.00 - 5.00
5C-00134	10206	Pu-236	-0.0043	0.012	0.0024	7.79	U	1.00 - 5.00
5C-00134	10206	Pu-238	0.0013	0.0073	0.0019	0.0415	U	1.00 - 5.00
5C-00134	10206	Pu-239/240	0	0.0021	0.0007	0.0404	U	1.00 - 5.00
5C-00134	10206	Pu-244	0.0016	0.0021	0.0011	0.0313		1.00 - 5.00
5C-00134	10206	Rn-220	1.27	0.023	0.098	--		1.00 - 5.00
5C-00134	10206	Rn-222	0.95	0.023	0.046	--		1.00 - 5.00
5C-00134	10206	Sb-125	0.155	0.039	0.012	0.354		1.00 - 5.00
5C-00134	10206	Sn-126	0	0.012	0.0036	0.0237	U	1.00 - 5.00
5C-00134	10206	Sr-90	0.008	0.058	0.017	0.485	U	1.00 - 5.00
5C-00134	10206	Te-125m	0.0359	0.0091	0.0027	0.0838		1.00 - 5.00
5C-00134	10206	Th-228	1.37	0.018	0.073	3.98	K	1.00 - 5.00
5C-00134	10206	Th-229	-0.0063	0.028	0.006	0.145	U	1.00 - 5.00
5C-00134	10206	Th-230	1.07	0.004	0.059	2.2	K	1.00 - 5.00
5C-00134	10206	Th-232	1.28	0.015	0.068	3.1	K	1.00 - 5.00
5C-00134	10206	Th-234	1.53	0.14	0.082	3.19	R	1.00 - 5.00
5C-00134	10206	Tl-208	0.47	0.016	0.018	0.937		1.00 - 5.00
5C-00134	10206	Tm-171	-4.8	5	1.5	72.4	R	1.00 - 5.00
5C-00134	10206	U-233/234	0.742	0.024	0.044	2.02		1.00 - 5.00
5C-00134	10206	U-235/236	0.0363	0.016	0.0085	0.151		1.00 - 5.00
5C-00134	10206	U-238	0.768	0.003	0.044	1.8		1.00 - 5.00
5C-00135	10207	Ac-227	0.007	0.14	0.043	0.217	U	0.00 - 0.50
5C-00135	10207	Ac-228	1.2	0.085	0.044	2.4		0.00 - 0.50
5C-00135	10207	Ag-108	-0.0008	0.0014	0.0004	--	U R	0.00 - 0.50
5C-00135	10207	Ag-108m	-0.0081	0.015	0.0046	--	U R	0.00 - 0.50
5C-00135	10207	Am-241	0.0026	0.0063	0.002	0.0454		0.00 - 0.50
5C-00135	10207	Ba-133	-0.103	0.024	0.0088	--	R U	0.00 - 0.50
5C-00135	10207	Ba-137m	0.0229	0.011	0.0048	--		0.00 - 0.50
5C-00135	10207	Bi-212	0.911	0.11	0.067	2.15		0.00 - 0.50
5C-00135	10207	Bi-214	0.706	0.024	0.026	1.59		0.00 - 0.50
5C-00135	10207	Cd-113m	8	40	12	3030	U	0.00 - 0.50
5C-00135	10207	Cf-249	0.001	0.082	0.0018	--	U R	0.00 - 0.50
5C-00135	10207	Cm-243/244	0.0025	0.013	0.0039	0.0443	U	0.00 - 0.50
5C-00135	10207	Cm-245/246	0.0012	0.0032	0.0012	0.0401	U J	0.00 - 0.50
5C-00135	10207	Cm-247/248	-0.0014	0.0086	0.0011	0.0306	U J	0.00 - 0.50
5C-00135	10207	Co-60	0.0038	0.016	0.0042	0.028	U	0.00 - 0.50
5C-00135	10207	Cs-134	0.0071	0.055	0.0028	0.0864	U	0.00 - 0.50
5C-00135	10207	Cs-137	0.0242	0.011	0.005	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00135	10207	Eu-152	-0.014	0.037	0.011	0.0566	U	0.00 - 0.50
5C-00135	10207	Eu-154	-0.027	0.095	0.029	0.15	U	0.00 - 0.50
5C-00135	10207	Eu-155	0.105	0.046	0.02	0.231	S K	0.00 - 0.50
5C-00135	10207	Ho-166m	0.0065	0.023	0.0043	0.0432	U	0.00 - 0.50
5C-00135	10207	K-40	17.5	0.09	0.53	32.4		0.00 - 0.50
5C-00135	10207	Na-22	-0.0005	0.026	0.0078	0.037	U	0.00 - 0.50
5C-00135	10207	Nb-94	0.0057	0.013	0.0039	0.0214	U	0.00 - 0.50
5C-00135	10207	Np-236	0.0114	0.03	0.009	0.047	U	0.00 - 0.50
5C-00135	10207	Np-239	-0.006	0.084	0.025	0.139	U	0.00 - 0.50
5C-00135	10207	Pa-231	0.08	0.41	0.11	0.936	U	0.00 - 0.50
5C-00135	10207	Pb-212	1.49	0.024	0.045	2.69		0.00 - 0.50
5C-00135	10207	Pb-214	0.78	0.024	0.034	1.7		0.00 - 0.50
5C-00135	10207	Pu-236	0.0018	0.0025	0.0013	7.79	U	0.00 - 0.50
5C-00135	10207	Pu-238	-0.0036	0.013	0.0028	0.0415	U	0.00 - 0.50
5C-00135	10207	Pu-239/240	0.0018	0.0025	0.0013	0.0404	U	0.00 - 0.50
5C-00135	10207	Pu-244	0.0009	0.0024	0.0009	0.0313	U	0.00 - 0.50
5C-00135	10207	Rn-220	1.2	0.024	0.081	--		0.00 - 0.50
5C-00135	10207	Rn-222	0.743	0.024	0.043	--		0.00 - 0.50
5C-00135	10207	Sb-125	0.15	0.038	0.012	0.354	S K	0.00 - 0.50
5C-00135	10207	Sn-126	0.0021	0.014	0.0042	0.0237	U	0.00 - 0.50
5C-00135	10207	Sr-90	0.004	0.066	0.019	0.485	U	0.00 - 0.50
5C-00135	10207	Te-125m	0.0348	0.0087	0.0027	0.0838	S K	0.00 - 0.50
5C-00135	10207	Th-228	1.24	0.01	0.059	3.98		0.00 - 0.50
5C-00135	10207	Th-229	0.0099	0.0066	0.0033	0.145		0.00 - 0.50
5C-00135	10207	Th-230	0.8	0.002	0.041	2.2		0.00 - 0.50
5C-00135	10207	Th-232	1.19	0.005	0.057	3.1		0.00 - 0.50
5C-00135	10207	Th-234	1.14	0.2	0.072	3.19	R	0.00 - 0.50
5C-00135	10207	Tl-208	0.484	0.017	0.018	0.937		0.00 - 0.50
5C-00135	10207	Tm-171	-10.5	8.8	2.7	72.4	R U	0.00 - 0.50
5C-00135	10207	U-233/234	0.637	0.008	0.034	2.02		0.00 - 0.50
5C-00135	10207	U-235/236	0.0327	0.0022	0.0053	0.151		0.00 - 0.50
5C-00135	10207	U-238	0.639	0.007	0.034	1.8		0.00 - 0.50
5C-00136	10208	Ac-227	0.032	0.12	0.014	0.217	U	0.00 - 0.50
5C-00136	10208	Ac-228	1.12	0.068	0.038	2.4		0.00 - 0.50
5C-00136	10208	Ag-108	-0.0015	0.0011	0.0003	--	R U	0.00 - 0.50
5C-00136	10208	Ag-108m	-0.0164	0.011	0.0036	--	R U	0.00 - 0.50
5C-00136	10208	Am-241	-0.0013	0.007	0.0014	0.0454	U	0.00 - 0.50
5C-00136	10208	Ba-133	-0.0068	0.014	0.0041	--	U R	0.00 - 0.50
5C-00136	10208	Ba-137m	0.0144	0.0078	0.0032	--		0.00 - 0.50
5C-00136	10208	Bi-212	0.956	0.11	0.069	2.15		0.00 - 0.50
5C-00136	10208	Bi-214	0.782	0.019	0.027	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00136	10208	Cd-113m	2.6	32	9.7	3030	U	0.00 - 0.50
5C-00136	10208	Cf-249	0.0049	0.05	0.0027	--	U R	0.00 - 0.50
5C-00136	10208	Cm-243/244	0.0006	0.0017	0.0006	0.0443	U	0.00 - 0.50
5C-00136	10208	Cm-245/246	0.0013	0.004	0.0012	0.0401	U	0.00 - 0.50
5C-00136	10208	Cm-247/248	0	0.0031	0.0006	0.0306	U	0.00 - 0.50
5C-00136	10208	Co-60	0.0001	0.013	0.0012	0.028	U	0.00 - 0.50
5C-00136	10208	Cs-134	0.0056	0.038	0.0055	0.0864	U	0.00 - 0.50
5C-00136	10208	Cs-137	0.0152	0.0082	0.0034	0.207		0.00 - 0.50
5C-00136	10208	Eu-152	0.0144	0.031	0.0076	0.0566	U	0.00 - 0.50
5C-00136	10208	Eu-154	-0.037	0.074	0.023	0.15	U	0.00 - 0.50
5C-00136	10208	Eu-155	0.086	0.03	0.013	0.231	S K	0.00 - 0.50
5C-00136	10208	Ho-166m	0.0076	0.018	0.0037	0.0432	U	0.00 - 0.50
5C-00136	10208	K-40	18.1	0.12	0.54	32.4		0.00 - 0.50
5C-00136	10208	Na-22	0.002	0.016	0.0048	0.037	U	0.00 - 0.50
5C-00136	10208	Nb-94	0.0039	0.01	0.0023	0.0214	U	0.00 - 0.50
5C-00136	10208	Np-236	0.0041	0.02	0.0059	0.047	U	0.00 - 0.50
5C-00136	10208	Np-239	0.003	0.07	0.021	0.139	U	0.00 - 0.50
5C-00136	10208	Pa-231	0.019	0.47	0.022	0.936	U	0.00 - 0.50
5C-00136	10208	Pb-212	1.52	0.02	0.061	2.69		0.00 - 0.50
5C-00136	10208	Pb-214	0.878	0.019	0.029	1.7		0.00 - 0.50
5C-00136	10208	Pu-236	0.002	0.0095	0.0028	7.79	U	0.00 - 0.50
5C-00136	10208	Pu-238	0.0016	0.003	0.001	0.0415		0.00 - 0.50
5C-00136	10208	Pu-239/240	0	0.0043	0.001	0.0404	U	0.00 - 0.50
5C-00136	10208	Pu-244	0.002	0.0011	0.0009	0.0313		0.00 - 0.50
5C-00136	10208	Rn-220	1.24	0.02	0.092	--		0.00 - 0.50
5C-00136	10208	Rn-222	0.83	0.019	0.039	--		0.00 - 0.50
5C-00136	10208	Sb-125	0.1	0.033	0.008	0.354	S K	0.00 - 0.50
5C-00136	10208	Sn-126	0.0173	0.0099	0.0049	0.0237		0.00 - 0.50
5C-00136	10208	Sr-90	-0.041	0.05	0.013	0.485	R U	0.00 - 0.50
5C-00136	10208	Te-125m	0.0231	0.0076	0.0018	0.0838	S K	0.00 - 0.50
5C-00136	10208	Th-228	1.22	0.01	0.06	3.98		0.00 - 0.50
5C-00136	10208	Th-229	0.0015	0.0055	0.0016	0.145	U	0.00 - 0.50
5C-00136	10208	Th-230	0.873	0.007	0.045	2.2		0.00 - 0.50
5C-00136	10208	Th-232	1.16	0.006	0.057	3.1		0.00 - 0.50
5C-00136	10208	Th-234	1.29	0.13	0.073	3.19	R	0.00 - 0.50
5C-00136	10208	Tl-208	0.44	0.015	0.016	0.937		0.00 - 0.50
5C-00136	10208	Tm-171	-4.7	4.4	1.4	72.4	R U	0.00 - 0.50
5C-00136	10208	U-233/234	0.703	0.0009	0.033	2.02		0.00 - 0.50
5C-00136	10208	U-235/236	0.0271	0.0011	0.0035	0.151		0.00 - 0.50
5C-00136	10208	U-238	0.693	0.002	0.033	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00137	10209	Ac-227	0.0357	0.13	0.0094	0.217	U	0.00 - 0.50
5C-00137	10209	Ac-228	1.23	0.097	0.045	2.4		0.00 - 0.50
5C-00137	10209	Ag-108	-0.0013	0.0013	0.0004	--	R	0.00 - 0.50
5C-00137	10209	Ag-108m	-0.0144	0.014	0.0043	--	R	0.00 - 0.50
5C-00137	10209	Am-241	0	0.0075	0.0015	0.0454	UJ	0.00 - 0.50
5C-00137	10209	Ba-133	-0.0972	0.022	0.0077	--	R	0.00 - 0.50
5C-00137	10209	Ba-137m	0.0168	0.012	0.0054	--		0.00 - 0.50
5C-00137	10209	Bi-212	1.06	0.12	0.073	2.15		0.00 - 0.50
5C-00137	10209	Bi-214	0.843	0.024	0.03	1.59		0.00 - 0.50
5C-00137	10209	Cd-113m	-3	39	12	3030	U	0.00 - 0.50
5C-00137	10209	Cf-249	0.0053	0.061	0.0042	--	U	0.00 - 0.50
5C-00137	10209	Cm-243/244	0	0.0093	0.0021	0.0443	UJ	0.00 - 0.50
5C-00137	10209	Cm-245/246	0	0.012	0.003	0.0401	U	0.00 - 0.50
5C-00137	10209	Cm-247/248	0.0023	0.0031	0.0016	0.0306	U	0.00 - 0.50
5C-00137	10209	Co-60	0.0048	0.018	0.0044	0.028	U	0.00 - 0.50
5C-00137	10209	Cs-134	-0.0361	0.022	0.0068	0.0864	R	0.00 - 0.50
5C-00137	10209	Cs-137	0.0177	0.013	0.0057	0.207		0.00 - 0.50
5C-00137	10209	Eu-152	-0.011	0.038	0.011	0.0566	U	0.00 - 0.50
5C-00137	10209	Eu-154	-0.022	0.1	0.031	0.15	U	0.00 - 0.50
5C-00137	10209	Eu-155	0.081	0.033	0.014	0.231		0.00 - 0.50
5C-00137	10209	Ho-166m	0.0092	0.024	0.0049	0.0432	U	0.00 - 0.50
5C-00137	10209	K-40	18.7	0.13	0.57	32.4		0.00 - 0.50
5C-00137	10209	Na-22	0.0038	0.023	0.0069	0.037	U	0.00 - 0.50
5C-00137	10209	Nb-94	0.0017	0.011	0.0033	0.0214	U	0.00 - 0.50
5C-00137	10209	Np-236	-0.007	0.03	0.0091	0.047	U	0.00 - 0.50
5C-00137	10209	Np-239	0.004	0.083	0.025	0.139	U	0.00 - 0.50
5C-00137	10209	Pa-231	0.04	0.56	0.17	0.936	U	0.00 - 0.50
5C-00137	10209	Pb-212	1.68	0.022	0.068	2.69		0.00 - 0.50
5C-00137	10209	Pb-214	0.938	0.025	0.032	1.7		0.00 - 0.50
5C-00137	10209	Pu-236	-0.0014	0.0067	0.0012	7.79	U	0.00 - 0.50
5C-00137	10209	Pu-238	-0.0004	0.004	0.0005	0.0415	U	0.00 - 0.50
5C-00137	10209	Pu-239/240	0.0034	0.0018	0.0015	0.0404		0.00 - 0.50
5C-00137	10209	Pu-244	0.0014	0.0018	0.001	0.0313	U	0.00 - 0.50
5C-00137	10209	Rn-220	1.37	0.022	0.0999	--		0.00 - 0.50
5C-00137	10209	Rn-222	0.89	0.024	0.044	--		0.00 - 0.50
5C-00137	10209	Sb-125	0.146	0.038	0.011	0.354		0.00 - 0.50
5C-00137	10209	Sn-126	0.0032	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00137	10209	Sr-90	0.007	0.068	0.02	0.485	U	0.00 - 0.50
5C-00137	10209	Te-125m	0.0338	0.0087	0.0025	0.0838		0.00 - 0.50
5C-00137	10209	Th-228	1.5	0.01	0.073	3.98		0.00 - 0.50
5C-00137	10209	Th-229	0.0049	0.0089	0.003	0.145		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00137	10209	Th-230	1.05	0.002	0.054	2.2		0.00 - 0.50
5C-00137	10209	Th-232	1.46	0.008	0.071	3.1		0.00 - 0.50
5C-00137	10209	Th-234	0.423	0.15	0.048	3.19	J R	0.00 - 0.50
5C-00137	10209	Tl-208	0.523	0.017	0.019	0.937		0.00 - 0.50
5C-00137	10209	Tm-171	-3.4	5.1	1.6	72.4	UL	0.00 - 0.50
5C-00137	10209	U-233/234	0.755	0.003	0.044	2.02		0.00 - 0.50
5C-00137	10209	U-235/236	0.046	0.0043	0.0088	0.151		0.00 - 0.50
5C-00137	10209	U-238	0.74	0.014	0.044	1.8		0.00 - 0.50
5C-00137	10210	Ac-227	0.054	0.12	0.045	0.217	U	1.00 - 5.00
5C-00137	10210	Ac-228	1.22	0.062	0.043	2.4		1.00 - 5.00
5C-00137	10210	Ag-108	-0.0009	0.0011	0.0004	--	L U R	1.00 - 5.00
5C-00137	10210	Ag-108m	-0.0099	0.012	0.0038	--	L U R	1.00 - 5.00
5C-00137	10210	Am-241	0.002	0.0073	0.0021	0.0454	U	1.00 - 5.00
5C-00137	10210	Ba-133	-0.0254	0.017	0.0054	--	R U	1.00 - 5.00
5C-00137	10210	Ba-137m	0.0339	0.0096	0.0045	--		1.00 - 5.00
5C-00137	10210	Bi-212	0.958	0.1	0.065	2.15		1.00 - 5.00
5C-00137	10210	Bi-214	0.834	0.025	0.033	1.59		1.00 - 5.00
5C-00137	10210	Cd-113m	6	35	10	3030	U	1.00 - 5.00
5C-00137	10210	Cf-249	0.0008	0.058	0.0022	--	U R	1.00 - 5.00
5C-00137	10210	Cm-243/244	0.001	0.011	0.0027	0.0443	U	1.00 - 5.00
5C-00137	10210	Cm-245/246	0.002	0.0073	0.002	0.0401	U J	1.00 - 5.00
5C-00137	10210	Cm-247/248	-0.001	0.009	0.0018	0.0306	U	1.00 - 5.00
5C-00137	10210	Co-60	0.0009	0.012	0.0032	0.028	U	1.00 - 5.00
5C-00137	10210	Cs-134	0.0118	0.035	0.0032	0.0864	U	1.00 - 5.00
5C-00137	10210	Cs-137	0.0359	0.01	0.0048	0.207		1.00 - 5.00
5C-00137	10210	Eu-152	0.0027	0.032	0.0097	0.0566	U	1.00 - 5.00
5C-00137	10210	Eu-154	0.005	0.07	0.012	0.15	U	1.00 - 5.00
5C-00137	10210	Eu-155	0.079	0.031	0.013	0.231	S K	1.00 - 5.00
5C-00137	10210	Ho-166m	0.0297	0.018	0.004	0.0432	S K	1.00 - 5.00
5C-00137	10210	K-40	19.9	0.15	0.67	32.4		1.00 - 5.00
5C-00137	10210	Na-22	0.0003	0.018	0.0052	0.037	U	1.00 - 5.00
5C-00137	10210	Nb-94	0.005	0.011	0.0034	0.0214	U	1.00 - 5.00
5C-00137	10210	Np-236	0.0015	0.023	0.0069	0.047	U	1.00 - 5.00
5C-00137	10210	Np-239	0.028	0.073	0.022	0.139	U	1.00 - 5.00
5C-00137	10210	Pa-231	-0.01	0.49	0.15	0.936	U	1.00 - 5.00
5C-00137	10210	Pb-212	1.56	0.021	0.083	2.69		1.00 - 5.00
5C-00137	10210	Pb-214	0.943	0.024	0.036	1.7		1.00 - 5.00
5C-00137	10210	Pu-236	-0.0004	0.0032	0.0005	7.79	U	1.00 - 5.00
5C-00137	10210	Pu-238	0.0013	0.0012	0.0008	0.0415		1.00 - 5.00
5C-00137	10210	Pu-239/240	0.0013	0.0012	0.0008	0.0404		1.00 - 5.00
5C-00137	10210	Pu-244	0.0018	0.0012	0.0009	0.0313		1.00 - 5.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00137	10210	Rn-220	1.26	0.02	0.1	--		1.00 - 5.00
5C-00137	10210	Rn-222	0.888	0.024	0.049	--		1.00 - 5.00
5C-00137	10210	Sb-125	0.117	0.033	0.0088	0.354	S K	1.00 - 5.00
5C-00137	10210	Sn-126	-0.0002	0.013	0.0038	0.0237	U	1.00 - 5.00
5C-00137	10210	Sr-90	0.03	0.046	0.014	0.485		1.00 - 5.00
5C-00137	10210	Te-125m	0.0269	0.0076	0.002	0.0838	S K	1.00 - 5.00
5C-00137	10210	Th-228	1.16	0.03	0.065	3.98		1.00 - 5.00
5C-00137	10210	Th-229	0.0082	0.007	0.003	0.145		1.00 - 5.00
5C-00137	10210	Th-230	0.812	0.004	0.049	2.2		1.00 - 5.00
5C-00137	10210	Th-232	1.13	0.004	0.063	3.1		1.00 - 5.00
5C-00137	10210	Th-234	0.642	0.13	0.05	3.19	R	1.00 - 5.00
5C-00137	10210	Tl-208	0.463	0.016	0.019	0.937		1.00 - 5.00
5C-00137	10210	Tm-171	-3.5	5.5	1.7	72.4	L U	1.00 - 5.00
5C-00137	10210	U-233/234	0.535	0.007	0.032	2.02		1.00 - 5.00
5C-00137	10210	U-235/236	0.0238	0.0034	0.0056	0.151		1.00 - 5.00
5C-00137	10210	U-238	0.55	0.007	0.033	1.8		1.00 - 5.00
5C-00140	10123	Ac-227	0.06	0.12	0.038	0.217	U	1.00 - 4.00
5C-00140	10123	Ac-228	1.38	0.069	0.048	2.4		1.00 - 4.00
5C-00140	10123	Ag-108	-0.0049	0.0014	0.0005	--	R U	1.00 - 4.00
5C-00140	10123	Ag-108m	-0.0529	0.015	0.0052	--	R U	1.00 - 4.00
5C-00140	10123	Am-241	0.0074	0.0061	0.0028	0.0454		1.00 - 4.00
5C-00140	10123	Ba-133	-0.112	0.021	0.0079	--	R U	1.00 - 4.00
5C-00140	10123	Ba-137m	-0.0079	0.013	0.0041	--	U	1.00 - 4.00
5C-00140	10123	Bi-212	1.09	0.11	0.07	2.15		1.00 - 4.00
5C-00140	10123	Bi-214	0.848	0.021	0.032	1.59		1.00 - 4.00
5C-00140	10123	Cd-113m	-0.7	31	9.4	3030	U	1.00 - 4.00
5C-00140	10123	Cf-249	-0.027	0.057	0.017	--	U R	1.00 - 4.00
5C-00140	10123	Cm-243/244	0.0146	0.006	0.0037	0.0443		1.00 - 4.00
5C-00140	10123	Cm-245/246	0.0046	0.0025	0.0021	0.0401	J	1.00 - 4.00
5C-00140	10123	Cm-247/248	0.0018	0.0024	0.0013	0.0306	U	1.00 - 4.00
5C-00140	10123	Co-60	0.0032	0.015	0.0025	0.028	U	1.00 - 4.00
5C-00140	10123	Cs-134	0.0119	0.044	0.0032	0.0864	U	1.00 - 4.00
5C-00140	10123	Cs-137	-0.0084	0.014	0.0043	0.207	U	1.00 - 4.00
5C-00140	10123	Eu-152	-0.0138	0.031	0.0095	0.0566	U	1.00 - 4.00
5C-00140	10123	Eu-154	0.018	0.08	0.018	0.15	U	1.00 - 4.00
5C-00140	10123	Eu-155	0.081	0.029	0.012	0.231	S K	1.00 - 4.00
5C-00140	10123	Ho-166m	0.0113	0.021	0.0096	0.0432	S K	1.00 - 4.00
5C-00140	10123	K-40	19.1	0.15	0.64	32.4		1.00 - 4.00
5C-00140	10123	Na-22	0.0052	0.014	0.0041	0.037	U	1.00 - 4.00
5C-00140	10123	Nb-94	0.0075	0.012	0.0036	0.0214	S K	1.00 - 4.00
5C-00140	10123	Np-236	-0.0004	0.022	0.0066	0.047	U	1.00 - 4.00

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00140	10123	Np-239	0.016	0.079	0.024	0.139	U	1.00 - 4.00
5C-00140	10123	Pa-231	0.14	0.43	0.1	0.936	U	1.00 - 4.00
5C-00140	10123	Pb-212	1.8	0.021	0.095	2.69		1.00 - 4.00
5C-00140	10123	Pb-214	0.962	0.021	0.036	1.7		1.00 - 4.00
5C-00140	10123	Pu-236	0.0003	0.0051	0.001	7.79	U	1.00 - 4.00
5C-00140	10123	Pu-238	-0.0007	0.0071	0.0013	0.0415	U	1.00 - 4.00
5C-00140	10123	Pu-239/240	-0.0005	0.0051	0.0006	0.0404	U	1.00 - 4.00
5C-00140	10123	Pu-244	-0.0005	0.005	0.0006	0.0313	U	1.00 - 4.00
5C-00140	10123	Rn-220	1.44	0.02	0.12	--		1.00 - 4.00
5C-00140	10123	Rn-222	0.905	0.021	0.048	--		1.00 - 4.00
5C-00140	10123	Sb-125	0.121	0.036	0.0081	0.354	S K	1.00 - 4.00
5C-00140	10123	Sn-126	0.001	0.012	0.0037	0.0237	U	1.00 - 4.00
5C-00140	10123	Sr-90	-0.004	0.055	0.016	0.485	U	1.00 - 4.00
5C-00140	10123	Te-125m	0.028	0.0083	0.0019	0.0838	S K	1.00 - 4.00
5C-00140	10123	Th-228	1.47	0.012	0.071	3.98		1.00 - 4.00
5C-00140	10123	Th-229	0.0079	0.0074	0.003	0.145		1.00 - 4.00
5C-00140	10123	Th-230	0.845	0.006	0.045	2.2		1.00 - 4.00
5C-00140	10123	Th-232	1.34	0.006	0.066	3.1		1.00 - 4.00
5C-00140	10123	Th-234	1.61	0.14	0.09	3.19	R	1.00 - 4.00
5C-00140	10123	Tl-208	0.522	0.016	0.021	0.937		1.00 - 4.00
5C-00140	10123	Tm-171	-3.3	5.4	1.6	72.4	L U	1.00 - 4.00
5C-00140	10123	U-233/234	0.628	0.002	0.035	2.02		1.00 - 4.00
5C-00140	10123	U-235/236	0.0358	0.0029	0.0064	0.151		1.00 - 4.00
5C-00140	10123	U-238	0.638	0.002	0.036	1.8		1.00 - 4.00
5C-00141	10242	Ac-227	0.058	0.16	0.02	0.217	U	0.00 - 0.50
5C-00141	10242	Ac-228	1.15	0.11	0.071	2.4		0.00 - 0.50
5C-00141	10242	Ag-108	-0.0025	0.0016	0.0005	--	R U	0.00 - 0.50
5C-00141	10242	Ag-108m	-0.0263	0.017	0.0054	--	R U	0.00 - 0.50
5C-00141	10242	Am-241	-0.0024	0.013	0.0026	0.0454	U	0.00 - 0.50
5C-00141	10242	Ba-133	-0.0983	0.026	0.0088	--	R U	0.00 - 0.50
5C-00141	10242	Ba-137m	0.0975	0.015	0.0083	--		0.00 - 0.50
5C-00141	10242	Bi-212	1.23	0.15	0.093	2.15		0.00 - 0.50
5C-00141	10242	Bi-214	0.994	0.028	0.036	1.59		0.00 - 0.50
5C-00141	10242	Cd-113m	-6	45	14	3030	U	0.00 - 0.50
5C-00141	10242	Cf-249	0.024	0.067	0.02	--	U R	0.00 - 0.50
5C-00141	10242	Cm-243/244	0	0.0085	0.0017	0.0443	U	0.00 - 0.50
5C-00141	10242	Cm-245/246	0.0031	0.0076	0.0024	0.0401	J	0.00 - 0.50
5C-00141	10242	Cm-247/248	0.001	0.0027	0.001	0.0306	U J	0.00 - 0.50
5C-00141	10242	Co-60	-0.0001	0.021	0.0061	0.028	U	0.00 - 0.50
5C-00141	10242	Cs-134	0.0121	0.061	0.0081	0.0864	U	0.00 - 0.50
5C-00141	10242	Cs-137	0.103	0.016	0.0088	0.207		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00141	10242	Eu-152	0.015	0.028	0.0084	0.0566		0.00 - 0.50
5C-00141	10242	Eu-154	-0.049	0.11	0.032	0.15	U	0.00 - 0.50
5C-00141	10242	Eu-155	0.087	0.035	0.014	0.231	S K	0.00 - 0.50
5C-00141	10242	Ho-166m	0.0136	0.028	0.0087	0.0432	U	0.00 - 0.50
5C-00141	10242	K-40	18.9	0.14	0.58	32.4		0.00 - 0.50
5C-00141	10242	Na-22	0.0057	0.019	0.0057	0.037	U	0.00 - 0.50
5C-00141	10242	Nb-94	0.0036	0.016	0.0048	0.0214	U	0.00 - 0.50
5C-00141	10242	Np-236	-0.0002	0.031	0.0093	0.047	U	0.00 - 0.50
5C-00141	10242	Np-239	-0.023	0.095	0.029	0.139	U	0.00 - 0.50
5C-00141	10242	Pa-231	0.009	0.61	0.18	0.936	U	0.00 - 0.50
5C-00141	10242	Pb-212	1.74	0.025	0.071	2.69		0.00 - 0.50
5C-00141	10242	Pb-214	1.1	0.027	0.037	1.7		0.00 - 0.50
5C-00141	10242	Pu-236	-0.0015	0.0064	0.0014	7.79	U	0.00 - 0.50
5C-00141	10242	Pu-238	0.0044	0.0036	0.0016	0.0415		0.00 - 0.50
5C-00141	10242	Pu-239/240	0.0487	0.0013	0.0053	0.0404		0.00 - 0.50
5C-00141	10242	Pu-244	0.0019	0.0013	0.001	0.0313		0.00 - 0.50
5C-00141	10242	Rn-220	1.48	0.02	0.12	--		0.00 - 0.50
5C-00141	10242	Rn-222	1.04	0.027	0.052	--		0.00 - 0.50
5C-00141	10242	Sb-125	0.162	0.048	0.014	0.354	S K	0.00 - 0.50
5C-00141	10242	Sn-126	0.0004	0.017	0.005	0.0237	U	0.00 - 0.50
5C-00141	10242	Sr-90	0.04	0.056	0.017	0.485		0.00 - 0.50
5C-00141	10242	Te-125m	0.0374	0.011	0.0031	0.0838	S K	0.00 - 0.50
5C-00141	10242	Th-228	1.29	0.016	0.065	3.98		0.00 - 0.50
5C-00141	10242	Th-229	0.0079	0.0036	0.0032	0.145		0.00 - 0.50
5C-00141	10242	Th-230	1	0.009	0.053	2.2		0.00 - 0.50
5C-00141	10242	Th-232	1.25	0.007	0.063	3.1		0.00 - 0.50
5C-00141	10242	Th-234	1.63	0.16	0.09	3.19	R	0.00 - 0.50
5C-00141	10242	Tl-208	0.515	0.02	0.02	0.937		0.00 - 0.50
5C-00141	10242	Tm-171	-0.1	7	2.1	72.4	U	0.00 - 0.50
5C-00141	10242	U-233/234	0.85	0.007	0.044	2.02		0.00 - 0.50
5C-00141	10242	U-235/236	0.0398	0.0026	0.0064	0.151		0.00 - 0.50
5C-00141	10242	U-238	0.831	0.006	0.043	1.8		0.00 - 0.50
5C-00142	10243	Ac-227	0.034	0.13	0.041	0.217	U	0.00 - 0.50
5C-00142	10243	Ac-228	1.29	0.075	0.044	2.4	B	0.00 - 0.50
5C-00142	10243	Ag-108	-0.0014	0.0013	0.0004	--	R U	0.00 - 0.50
5C-00142	10243	Ag-108m	-0.0145	0.014	0.0043	--	R U	0.00 - 0.50
5C-00142	10243	Am-241	0.0007	0.0064	0.0016	0.0454	U	0.00 - 0.50
5C-00142	10243	Ba-133	-0.0755	0.02	0.0069	--	R U	0.00 - 0.50
5C-00142	10243	Ba-137m	0.0145	0.01	0.0044	--		0.00 - 0.50
5C-00142	10243	Bi-212	1.02	0.13	0.078	2.15		0.00 - 0.50
5C-00142	10243	Bi-214	0.729	0.025	0.028	1.59		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00142	10243	Cd-113m	6	38	12	3030	U	0.00 - 0.50
5C-00142	10243	Cf-249	0.071	0.05	0.022	--	R	0.00 - 0.50
5C-00142	10243	Cm-243/244	0.0007	0.005	0.0012	0.0443	U	0.00 - 0.50
5C-00142	10243	Cm-245/246	0.0053	0.0036	0.0026	0.0401	J	0.00 - 0.50
5C-00142	10243	Cm-247/248	0.0026	0.0035	0.0018	0.0306	U J	0.00 - 0.50
5C-00142	10243	Co-60	-0.0029	0.018	0.0054	0.028	U	0.00 - 0.50
5C-00142	10243	Cs-134	0.0148	0.046	0.0067	0.0864	U	0.00 - 0.50
5C-00142	10243	Cs-137	0.0153	0.011	0.0046	0.207		0.00 - 0.50
5C-00142	10243	Eu-152	-0.012	0.036	0.011	0.0566	U	0.00 - 0.50
5C-00142	10243	Eu-154	0.018	0.091	0.015	0.15	U	0.00 - 0.50
5C-00142	10243	Eu-155	0.089	0.03	0.013	0.231	S K	0.00 - 0.50
5C-00142	10243	Ho-166m	0.0119	0.023	0.0069	0.0432	S K	0.00 - 0.50
5C-00142	10243	K-40	17.8	0.1	0.54	32.4		0.00 - 0.50
5C-00142	10243	Na-22	0.0085	0.022	0.0067	0.037	U	0.00 - 0.50
5C-00142	10243	Nb-94	0.0004	0.013	0.0022	0.0214	U	0.00 - 0.50
5C-00142	10243	Np-236	-0.0107	0.029	0.0088	0.047	U	0.00 - 0.50
5C-00142	10243	Np-239	0.021	0.081	0.024	0.139	U	0.00 - 0.50
5C-00142	10243	Pa-231	-0.09	0.55	0.17	0.936	U	0.00 - 0.50
5C-00142	10243	Pb-212	1.65	0.023	0.067	2.69		0.00 - 0.50
5C-00142	10243	Pb-214	0.84	0.025	0.03	1.7		0.00 - 0.50
5C-00142	10243	Pu-236	-0.0021	0.008	0.0012	7.79	U	0.00 - 0.50
5C-00142	10243	Pu-238	-0.0012	0.008	0.0015	0.0415	U	0.00 - 0.50
5C-00142	10243	Pu-239/240	0.0044	0.0024	0.002	0.0404		0.00 - 0.50
5C-00142	10243	Pu-244	0.0017	0.0024	0.0012	0.0313		0.00 - 0.50
5C-00142	10243	Rn-220	1.33	0.02	0.1	--		0.00 - 0.50
5C-00142	10243	Rn-222	0.784	0.025	0.04	--		0.00 - 0.50
5C-00142	10243	Sb-125	0.164	0.039	0.012	0.354	S K	0.00 - 0.50
5C-00142	10243	Sn-126	-0.0006	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00142	10243	Sr-90	0.03	0.037	0.012	0.485		0.00 - 0.50
5C-00142	10243	Te-125m	0.0379	0.009	0.0027	0.0838	S K	0.00 - 0.50
5C-00142	10243	Th-228	1.32	0.01	0.063	3.98		0.00 - 0.50
5C-00142	10243	Th-229	0.0046	0.0025	0.0021	0.145		0.00 - 0.50
5C-00142	10243	Th-230	1	0.005	0.05	2.2		0.00 - 0.50
5C-00142	10243	Th-232	1.32	0.007	0.064	3.1		0.00 - 0.50
5C-00142	10243	Th-234	0.299	0.15	0.046	3.19	R	0.00 - 0.50
5C-00142	10243	Tl-208	0.491	0.016	0.018	0.937		0.00 - 0.50
5C-00142	10243	Tm-171	0.02	6	1.8	72.4	U	0.00 - 0.50
5C-00142	10243	U-233/234	0.491	0.007	0.03	2.02		0.00 - 0.50
5C-00142	10243	U-235/236	0.0333	0.0084	0.0066	0.151		0.00 - 0.50
5C-00142	10243	U-238	0.463	0.007	0.028	1.8		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00143	10244	Ac-227	0.072	0.15	0.046	0.217	U	0.00 - 0.50
5C-00143	10244	Ac-228	1.32	0.09	0.048	2.4		0.00 - 0.50
5C-00143	10244	Ag-108	-0.0019	0.0015	0.0005	--	R U	0.00 - 0.50
5C-00143	10244	Ag-108m	-0.02	0.016	0.0051	--	R U	0.00 - 0.50
5C-00143	10244	Am-241	0	0.0087	0.002	0.0454	U	0.00 - 0.50
5C-00143	10244	Ba-133	-0.0655	0.021	0.0072	--	R U	0.00 - 0.50
5C-00143	10244	Ba-137m	0.0267	0.014	0.0067	--		0.00 - 0.50
5C-00143	10244	Bi-212	1.1	0.15	0.087	2.15		0.00 - 0.50
5C-00143	10244	Bi-214	0.99	0.029	0.036	1.59		0.00 - 0.50
5C-00143	10244	Cd-113m	9	42	13	3030	U	0.00 - 0.50
5C-00143	10244	Cf-249	-0.015	0.07	0.021	--	U R	0.00 - 0.50
5C-00143	10244	Cm-243/244	0.0009	0.0025	0.0009	0.0443	U	0.00 - 0.50
5C-00143	10244	Cm-245/246	0	0.0023	0.001	0.0401	U J	0.00 - 0.50
5C-00143	10244	Cm-247/248	0	0.0061	0.0012	0.0306	U J	0.00 - 0.50
5C-00143	10244	Co-60	0.0064	0.016	0.005	0.028	U	0.00 - 0.50
5C-00143	10244	Cs-134	0.0093	0.058	0.003	0.0864	U	0.00 - 0.50
5C-00143	10244	Cs-137	0.0283	0.015	0.007	0.207		0.00 - 0.50
5C-00143	10244	Eu-152	-0.0034	0.037	0.0041	0.0566	U	0.00 - 0.50
5C-00143	10244	Eu-154	0.013	0.1	0.031	0.15	U	0.00 - 0.50
5C-00143	10244	Eu-155	0.08	0.039	0.016	0.231	S K	0.00 - 0.50
5C-00143	10244	Ho-166m	0.0067	0.026	0.0052	0.0432	U	0.00 - 0.50
5C-00143	10244	K-40	18.8	0.18	0.58	32.4		0.00 - 0.50
5C-00143	10244	Na-22	-0.0049	0.021	0.0063	0.037	U	0.00 - 0.50
5C-00143	10244	Nb-94	0.0049	0.015	0.0045	0.0214	U	0.00 - 0.50
5C-00143	10244	Np-236	0	0.03	0.009	0.047	U	0.00 - 0.50
5C-00143	10244	Np-239	-0.027	0.092	0.028	0.139	U	0.00 - 0.50
5C-00143	10244	Pa-231	0.11	0.61	0.098	0.936	U	0.00 - 0.50
5C-00143	10244	Pb-212	1.64	0.026	0.05	2.69		0.00 - 0.50
5C-00143	10244	Pb-214	1.01	0.027	0.043	1.7		0.00 - 0.50
5C-00143	10244	Pu-236	-0.0011	0.0071	0.0016	7.79	U	0.00 - 0.50
5C-00143	10244	Pu-238	0.0011	0.004	0.0011	0.0415	U	0.00 - 0.50
5C-00143	10244	Pu-239/240	0.0005	0.0015	0.0005	0.0404	U	0.00 - 0.50
5C-00143	10244	Pu-244	0.0022	0.0015	0.0011	0.0313		0.00 - 0.50
5C-00143	10244	Rn-220	1.37	0.03	0.1	--		0.00 - 0.50
5C-00143	10244	Rn-222	1	0.027	0.056	--		0.00 - 0.50
5C-00143	10244	Sb-125	0.119	0.043	0.01	0.354	S K	0.00 - 0.50
5C-00143	10244	Sn-126	-0.0043	0.017	0.0052	0.0237	U	0.00 - 0.50
5C-00143	10244	Sr-90	0.001	0.054	0.016	0.485	U	0.00 - 0.50
5C-00143	10244	Te-125m	0.0276	0.01	0.0023	0.0838	S K	0.00 - 0.50
5C-00143	10244	Th-228	1.25	0.016	0.061	3.98		0.00 - 0.50
5C-00143	10244	Th-229	0.0039	0.021	0.0057	0.145	U J	0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00143	10244	Th-230	0.958	0.006	0.049	2.2		0.00 - 0.50
5C-00143	10244	Th-232	1.23	0.006	0.06	3.1		0.00 - 0.50
5C-00143	10244	Th-234	1.76	0.17	0.093	3.19	R	0.00 - 0.50
5C-00143	10244	Tl-208	0.545	0.021	0.021	0.937		0.00 - 0.50
5C-00143	10244	Tm-171	0.1	6.9	2.1	72.4	U	0.00 - 0.50
5C-00143	10244	U-233/234	0.852	0.008	0.045	2.02		0.00 - 0.50
5C-00143	10244	U-235/236	0.0508	0.0029	0.0076	0.151		0.00 - 0.50
5C-00143	10244	U-238	0.837	0.006	0.044	1.8		0.00 - 0.50
5C-00144	10245	Ac-227	0.045	0.13	0.054	0.217	U	0.00 - 0.50
5C-00144	10245	Ac-228	1.02	0.079	0.039	2.4		0.00 - 0.50
5C-00144	10245	Ag-108	0	0.0012	0	--	U R	0.00 - 0.50
5C-00144	10245	Ag-108m	-0.0001	0.013	0.0003	--	U R	0.00 - 0.50
5C-00144	10245	Am-241	0.0024	0.0044	0.0015	0.0454		0.00 - 0.50
5C-00144	10245	Ba-133	-0.0174	0.016	0.005	--	R U	0.00 - 0.50
5C-00144	10245	Ba-137m	0.0074	0.015	0.0046	--		0.00 - 0.50
5C-00144	10245	Bi-212	0.817	0.13	0.076	2.15		0.00 - 0.50
5C-00144	10245	Bi-214	0.691	0.026	0.027	1.59		0.00 - 0.50
5C-00144	10245	Cd-113m	-0.9	38	11	3030	U	0.00 - 0.50
5C-00144	10245	Cf-249	0.0016	0.061	0.0031	--	U R	0.00 - 0.50
5C-00144	10245	Cm-243/244	0.0016	0.0056	0.0017	0.0443	U	0.00 - 0.50
5C-00144	10245	Cm-245/246	0.0022	0.0012	0.001	0.0401	K	0.00 - 0.50
5C-00144	10245	Cm-247/248	0.0004	0.0032	0.0008	0.0306	U J	0.00 - 0.50
5C-00144	10245	Co-60	0.0058	0.017	0.0044	0.028	U	0.00 - 0.50
5C-00144	10245	Cs-134	0.0113	0.0099	0.0038	0.0864	S K	0.00 - 0.50
5C-00144	10245	Cs-137	0.0078	0.016	0.0048	0.207		0.00 - 0.50
5C-00144	10245	Eu-152	0.02	0.026	0.01	0.0566		0.00 - 0.50
5C-00144	10245	Eu-154	-0.019	0.099	0.03	0.15	U	0.00 - 0.50
5C-00144	10245	Eu-155	0.0223	0.031	0.0095	0.231	S K	0.00 - 0.50
5C-00144	10245	Ho-166m	0.0054	0.025	0.003	0.0432	U	0.00 - 0.50
5C-00144	10245	K-40	17.6	0.12	0.54	32.4		0.00 - 0.50
5C-00144	10245	Na-22	-0.0011	0.026	0.0078	0.037	U	0.00 - 0.50
5C-00144	10245	Nb-94	0.0004	0.015	0.0043	0.0214	U	0.00 - 0.50
5C-00144	10245	Np-236	-0.0075	0.029	0.0088	0.047	U	0.00 - 0.50
5C-00144	10245	Np-239	-0.019	0.082	0.025	0.139	U	0.00 - 0.50
5C-00144	10245	Pa-231	-0.005	0.56	0.17	0.936	U	0.00 - 0.50
5C-00144	10245	Pb-212	1.26	0.026	0.052	2.69		0.00 - 0.50
5C-00144	10245	Pb-214	0.749	0.023	0.027	1.7		0.00 - 0.50
5C-00144	10245	Pu-236	-0.0004	0.0029	0.0004	7.79	U	0.00 - 0.50
5C-00144	10245	Pu-238	-0.0004	0.0047	0.0011	0.0415	U	0.00 - 0.50
5C-00144	10245	Pu-239/240	0.0004	0.0029	0.0007	0.0404	U	0.00 - 0.50
5C-00144	10245	Pu-244	0.0012	0.0011	0.0007	0.0313		0.00 - 0.50

Table A.2
Analytical Results Summary
Subarea 5C, Round 1

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00144	10245	Rn-220	1.04	0.026	0.092	--		0.00 - 0.50
5C-00144	10245	Rn-222	0.72	0.023	0.038	--		0.00 - 0.50
5C-00144	10245	Sb-125	0.128	0.041	0.012	0.354	S K	0.00 - 0.50
5C-00144	10245	Sn-126	-0.0008	0.015	0.0045	0.0237	U	0.00 - 0.50
5C-00144	10245	Sr-90	0.016	0.052	0.015	0.485	U	0.00 - 0.50
5C-00144	10245	Te-125m	0.0295	0.0094	0.0027	0.0838	S K	0.00 - 0.50
5C-00144	10245	Th-228	1.02	0.007	0.05	3.98		0.00 - 0.50
5C-00144	10245	Th-229	0.0053	0.0056	0.0023	0.145		0.00 - 0.50
5C-00144	10245	Th-230	0.71	0.002	0.037	2.2		0.00 - 0.50
5C-00144	10245	Th-232	1.03	0.005	0.051	3.1		0.00 - 0.50
5C-00144	10245	Th-234	0.32	0.15	0.047	3.19	R	0.00 - 0.50
5C-00144	10245	Tl-208	0.395	0.017	0.016	0.937		0.00 - 0.50
5C-00144	10245	Tm-171	1.4	5.6	1.7	72.4	U	0.00 - 0.50
5C-00144	10245	U-233/234	0.634	0.001	0.031	2.02		0.00 - 0.50
5C-00144	10245	U-235/236	0.0384	0.0034	0.0046	0.151		0.00 - 0.50
5C-00144	10245	U-238	0.636	0.003	0.031	1.8		0.00 - 0.50
5C-00145	10246	Ac-227	0.342	0.12	0.018	0.217	Z	0.00 - 0.50
5C-00145	10246	Ac-228	1.25	0.065	0.043	2.4		0.00 - 0.50
5C-00145	10246	Ag-108	-0.0039	0.0013	0.0004	--	R	0.00 - 0.50
5C-00145	10246	Ag-108m	-0.0417	0.014	0.0046	--	R	0.00 - 0.50
5C-00145	10246	Am-241	-0.001	0.01	0.0023	0.0454	U	0.00 - 0.50
5C-00145	10246	Ba-133	-0.0272	0.016	0.0051	--	R	0.00 - 0.50
5C-00145	10246	Ba-137m	0.0206	0.0084	0.0037	--		0.00 - 0.50
5C-00145	10246	Bi-212	1	0.11	0.071	2.15		0.00 - 0.50
5C-00145	10246	Bi-214	0.823	0.02	0.031	1.59		0.00 - 0.50
5C-00145	10246	Cd-113m	-4	34	10	3030	U	0.00 - 0.50
5C-00145	10246	Cf-249	0.019	0.049	0.015	--	U	0.00 - 0.50
5C-00145	10246	Cm-243/244	-0.0009	0.007	0.0011	0.0443	U	0.00 - 0.50
5C-00145	10246	Cm-245/246	0	0.0084	0.0017	0.0401	U	0.00 - 0.50
5C-00145	10246	Cm-247/248	0.0011	0.003	0.0011	0.0306	U	0.00 - 0.50
5C-00145	10246	Co-60	0.0029	0.014	0.0029	0.028	U	0.00 - 0.50
5C-00145	10246	Cs-134	0.0113	0.042	0.003	0.0864	UJ	0.00 - 0.50
5C-00145	10246	Cs-137	0.0217	0.0089	0.0039	0.207		0.00 - 0.50
5C-00145	10246	Eu-152	0.013	0.029	0.01	0.0566	U	0.00 - 0.50
5C-00145	10246	Eu-154	-0.0004	0.08	0.024	0.15	U	0.00 - 0.50
5C-00145	10246	Eu-155	0.074	0.031	0.013	0.231		0.00 - 0.50
5C-00145	10246	Ho-166m	-0.0067	0.019	0.0057	0.0432	U	0.00 - 0.50
5C-00145	10246	K-40	20.2	0.13	0.67	32.4		0.00 - 0.50
5C-00145	10246	Na-22	0.0014	0.018	0.0055	0.037	U	0.00 - 0.50
5C-00145	10246	Nb-94	0.0003	0.011	0.0026	0.0214	U	0.00 - 0.50
5C-00145	10246	Np-236	0.0003	0.027	0.0081	0.047	U	0.00 - 0.50

**Table A.2
Analytical Results Summary
Subarea 5C, Round 1**

Location Name	Sample ID	Analyte Name	Activity	MDC	TPU	RTL	Flag	Sample Depth (ft bgs)
5C-00145	10246	Np-239	0.006	0.061	0.018	0.139	U	0.00 - 0.50
5C-00145	10246	Pa-231	0.12	0.42	0.13	0.936	U	0.00 - 0.50
5C-00145	10246	Pb-212	1.59	0.021	0.084	2.69		0.00 - 0.50
5C-00145	10246	Pb-214	0.917	0.023	0.035	1.7		0.00 - 0.50
5C-00145	10246	Pu-236	0.0003	0.0047	0.001	7.79	U	0.00 - 0.50
5C-00145	10246	Pu-238	-0.0011	0.0072	0.0013	0.0415	U	0.00 - 0.50
5C-00145	10246	Pu-239/240	-0.0005	0.0047	0.0005	0.0404	U	0.00 - 0.50
5C-00145	10246	Pu-244	0.0022	0.0057	0.0017	0.0313		0.00 - 0.50
5C-00145	10246	Rn-220	1.29	0.02	0.11	--		0.00 - 0.50
5C-00145	10246	Rn-222	0.87	0.02	0.047	--		0.00 - 0.50
5C-00145	10246	Sb-125	0.108	0.035	0.0076	0.354		0.00 - 0.50
5C-00145	10246	Sn-126	-0.0014	0.012	0.0037	0.0237	U	0.00 - 0.50
5C-00145	10246	Sr-90	-0.03	0.07	0.02	0.485	U	0.00 - 0.50
5C-00145	10246	Te-125m	0.0249	0.008	0.0017	0.0838		0.00 - 0.50
5C-00145	10246	Th-228	1.27	0.012	0.065	3.98		0.00 - 0.50
5C-00145	10246	Th-229	0.0115	0.0095	0.0044	0.145		0.00 - 0.50
5C-00145	10246	Th-230	0.91	0.003	0.05	2.2		0.00 - 0.50
5C-00145	10246	Th-232	1.25	0.008	0.064	3.1		0.00 - 0.50
5C-00145	10246	Th-234	1.34	0.13	0.078	3.19	J R	0.00 - 0.50
5C-00145	10246	Tl-208	0.471	0.015	0.019	0.937		0.00 - 0.50
5C-00145	10246	Tm-171	-1.5	5.5	1.7	72.4	U	0.00 - 0.50
5C-00145	10246	U-233/234	0.805	0.003	0.046	2.02		0.00 - 0.50
5C-00145	10246	U-235/236	0.0415	0.0042	0.0082	0.151		0.00 - 0.50
5C-00145	10246	U-238	0.825	0.003	0.047	1.8		0.00 - 0.50

Notes:

Reporting units in pCi/g.

-- Indicates an RTL has not been developed for the analyte.

ID - identification

pCi/g - picocuries per gram

TPU - total propagated uncertainty

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

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

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

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

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

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

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

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

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

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00007	10010	Ac-227	0.036	0.12	0.047	U	10230	Ac-227	0.053	0.14	0.053	U
5C-00007	10010	Ac-228	1.15	0.061	0.041		10230	Ac-228	1.13	0.098	0.042	
5C-00007	10010	Ag-108	-0.0009	0.0011	0.0003	L U R	10230	Ag-108	-0.00123	0.0014	0.00043	L U R
5C-00007	10010	Ag-108m	-0.01	0.012	0.0035	L U R	10230	Ag-108m	-0.0132	0.015	0.0046	L U R
5C-00007	10010	Am-241	0.0019	0.0047	0.0015		10230	Am-241	0.00091	0.0025	0.00092	U
5C-00007	10010	Ba-133	-0.0187	0.015	0.0047	R U	10230	Ba-133	-0.027	0.019	0.006	R U
5C-00007	10010	Ba-137m	0.0116	0.008	0.0035		10230	Ba-137m	-0.0051	0.015	0.0046	U
5C-00007	10010	Bi-212	1	0.11	0.074		10230	Bi-212	0.978	0.13	0.079	
5C-00007	10010	Bi-214	0.794	0.021	0.031		10230	Bi-214	0.796	0.026	0.029	
5C-00007	10010	C-14	0.0345	0.03	0.0095		10230	C-14	0.0283	0.019	0.0061	
5C-00007	10010	Cd-113m	-1.3	33	9.9	U	10230	Cd-113m	12	40	12	U
5C-00007	10010	Cf-249	-0.022	0.054	0.016	U R	10230	Cf-249	0.0003	0.063	0.019	U R
5C-00007	10010	Cm-243/244	0.0006	0.0017	0.0006	U	10230	Cm-243/Cm-244	0	0.0066	0.0013	U
5C-00007	10010	Cm-245/246	0.0009	0.0025	0.0009	U J	10230	Cm-245/Cm-246	0.0012	0.0034	0.0012	U J
5C-00007	10010	Cm-247/248	0.0009	0.0024	0.0009	U J	10230	Cm-247/Cm-248	0	0.0033	0.0014	U J
5C-00007	10010	Co-60	0.0001	0.014	0.0041	U	10230	Co-60	-0.0044	0.019	0.0056	U
5C-00007	10010	Cs-134	0.0095	0.034	0.0027	U	10230	Cs-134	0.0059	0.049	0.0024	U
5C-00007	10010	Cs-137	0.0123	0.0084	0.0037		10230	Cs-137	-0.0054	0.016	0.0049	U
5C-00007	10010	Eu-152	0.033	0.022	0.011		10230	Eu-152	0.009	0.037	0.015	U
5C-00007	10010	Eu-154	-0.023	0.073	0.022	U	10230	Eu-154	0.0088	0.094	0.0071	U
5C-00007	10010	Eu-155	0.076	0.03	0.013	S K	10230	Eu-155	0.081	0.033	0.014	S K
5C-00007	10010	H-3	0.072	0.18	0.054	U	10230	H-3	0.037	0.065	0.02	
5C-00007	10010	Ho-166m	0.0158	0.019	0.006	S K	10230	Ho-166m	0.0022	0.024	0.0031	U

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00007	10010	K-40	18.7	0.14	0.62		10230	K-40	18	0.11	0.55	
5C-00007	10010	Na-22	0.0043	0.016	0.0049	U	10230	Na-22	-0.0003	0.023	0.0069	U
5C-00007	10010	Nb-94	0.0033	0.01	0.0022	U	10230	Nb-94	0.0049	0.014	0.0043	U
5C-00007	10010	Np-236	0.0008	0.023	0.0069	U	10230	Np-236	0.0015	0.024	0.0073	U
5C-00007	10010	Np-239	0.005	0.074	0.022	U	10230	Np-239	-0.006	0.084	0.025	U
5C-00007	10010	Pa-231	0.01	0.47	0.14	U	10230	Pa-231	0.001	0.58	0.17	U
5C-00007	10010	Pb-212	1.52	0.02	0.08		10230	Pb-212	1.52	0.023	0.062	
5C-00007	10010	Pb-214	0.895	0.022	0.034		10230	Pb-214	0.889	0.027	0.031	
5C-00007	10010	Pu-236	0.0002	0.0069	0.0015	U	10230	Pu-236	0.0023	0.0061	0.0019	
5C-00007	10010	Pu-238	0.001	0.0069	0.0017	U	10230	Pu-238	-0.0015	0.0069	0.00097	U
5C-00007	10010	Pu-239/240	-0.0005	0.0049	0.0006	U	10230	Pu-239/Pu-240	0.0025	0.0023	0.0014	
5C-00007	10010	Pu-244	0.0017	0.0022	0.0012		10230	Pu-244	0.0028	0.0049	0.0018	
5C-00007	10010	Rn-220	1.26	0.02	0.11		10230	Rn-220	1.25	0.02	0.1	
5C-00007	10010	Rn-222	0.845	0.021	0.046		10230	Rn-222	0.843	0.026	0.043	
5C-00007	10010	Sb-125	0.145	0.031	0.0099	S K	10230	Sb-125	0.131	0.04	0.011	S K
5C-00007	10010	Sn-126	0.0001	0.012	0.0035	U	10230	Sn-126	-0.0007	0.014	0.0043	U
5C-00007	10010	Sr-90	-0.01	0.053	0.015	U	10230	Sr-90	0.004	0.062	0.018	U
5C-00007	10010	Tc-99	-0.043	0.28	0.084	U	10230	Tc-99	-0.006	0.072	0.022	U
5C-00007	10010	Te-125m	0.0335	0.0072	0.0023	S K	10230	Te-125m	0.0302	0.0093	0.0024	S K
5C-00007	10010	Th-228	1.06	0.012	0.053		10230	Th-228	1.24	0.015	0.061	
5C-00007	10010	Th-229	0.0037	0.0033	0.0021		10230	Th-229	0.0047	0.0031	0.0023	
5C-00007	10010	Th-230	0.735	0.002	0.039		10230	Th-230	0.828	0.011	0.044	
5C-00007	10010	Th-232	0.96	0.002	0.048		10230	Th-232	1.22	0.002	0.06	

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00007	10010	Th-234	1.39	0.13	0.08	R	10230	Th-234	1.43	0.14	0.079	R
5C-00007	10010	Tl-208	0.476	0.013	0.018		10230	Tl-208	0.468	0.016	0.018	
5C-00007	10010	Tm-171	0.8	3.8	1.2	U	10230	Tm-171	-2	5.7	1.7	U
5C-00007	10010	U-233/234	0.672	0.005	0.035		10230	U-233/U-234	0.71	0.007	0.037	
5C-00007	10010	U-235/236	0.041	0.002	0.0057		10230	U-235/U-236	0.037	0.0062	0.0059	
5C-00007	10010	U-238	0.726	0.006	0.037		10230	U-238	0.72	0.002	0.037	
5C-00025	10033	Ac-227	0.035	0.13	0.055	U	10229	Ac-227	0.026	0.14	0.041	U
5C-00025	10033	Ac-228	1.18	0.077	0.042		10229	Ac-228	1.19	0.08	0.041	
5C-00025	10033	Ag-108	0	0.0012	0	R U	10229	Ag-108	-0.00129	0.0014	0.00042	R U
5C-00025	10033	Ag-108m	-0.0003	0.013	0.0003	R U	10229	Ag-108m	-0.0138	0.015	0.0045	R U
5C-00025	10033	Am-241	0.0011	0.0083	0.002	U	10229	Am-241	-0.0014	0.013	0.0025	U
5C-00025	10033	Ba-133	0.0103	0.012	0.0058	R	10229	Ba-133	-0.0902	0.022	0.0076	R U
5C-00025	10033	Ba-137m	0.0034	0.014	0.0043	U	10229	Ba-137m	0.0053	0.014	0.0044	U
5C-00025	10033	Bi-212	0.954	0.12	0.072		10229	Bi-212	0.905	0.11	0.064	
5C-00025	10033	Bi-214	0.833	0.024	0.03		10229	Bi-214	0.825	0.027	0.031	
5C-00025	10033	Cd-113m	6	36	11	U	10229	Cd-113m	7	40	12	U
5C-00025	10033	Cf-249	0.0029	0.054	0.0046	U R	10229	Cf-249	-0.003	0.065	0.019	U R
5C-00025	10033	Cm-243/244	-0.0011	0.0082	0.0012	U	10229	Cm-243/Cm-244	-0.0027	0.012	0.0021	U
5C-00025	10033	Cm-245/246	0	0.0077	0.0016	U J	10229	Cm-245/Cm-246	0	0.0074	0.0017	U J
5C-00025	10033	Cm-247/248	0.001	0.0028	0.001	U J	10229	Cm-247/Cm-248	0	0.0021	0.00088	U J
5C-00025	10033	Co-60	0.0066	0.018	0.0054	U	10229	Co-60	-0.0104	0.019	0.0058	U
5C-00025	10033	Cs-134	-0.0024	0.028	0.0086	U	10229	Cs-134	0.0184	0.047	0.0055	U
5C-00025	10033	Cs-137	0.0036	0.015	0.0046	U	10229	Cs-137	0.0056	0.015	0.0046	U

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00025	10033	Eu-152	0.01	0.035	0.014	U	10229	Eu-152	-0.009	0.036	0.011	U
5C-00025	10033	Eu-154	0.028	0.088	0.026	U	10229	Eu-154	0.0034	0.096	0.0095	U
5C-00025	10033	Eu-155	0.083	0.03	0.012	J S K	10229	Eu-155	0.066	0.031	0.013	J S K
5C-00025	10033	Ho-166m	0.0305	0.022	0.0039	S K	10229	Ho-166m	-0.0025	0.024	0.0071	U
5C-00025	10033	K-40	17.8	0.12	0.54		10229	K-40	18.5	0.12	0.56	
5C-00025	10033	Na-22	-0.0081	0.025	0.0074	U	10229	Na-22	-0.0042	0.023	0.0069	U
5C-00025	10033	Nb-94	0.0037	0.013	0.004	U	10229	Nb-94	0.0087	0.013	0.004	
5C-00025	10033	Np-236	-0.0042	0.029	0.0088	U	10229	Np-236	0.0004	0.029	0.0089	U
5C-00025	10033	Np-239	0.017	0.08	0.024	U	10229	Np-239	0.0003	0.084	0.025	U
5C-00025	10033	Pa-231	-0.12	0.57	0.17	U	10229	Pa-231	0.01	0.57	0.17	U
5C-00025	10033	Pb-212	1.41	0.028	0.058		10229	Pb-212	1.46	0.022	0.059	
5C-00025	10033	Pb-214	0.882	0.025	0.03		10229	Pb-214	0.913	0.026	0.03	
5C-00025	10033	Pu-236	-0.0019	0.0097	0.002	U	10229	Pu-236	-0.0035	0.012	0.0027	U
5C-00025	10033	Pu-238	0.0003	0.0051	0.001	U	10229	Pu-238	0.0002	0.0063	0.0014	U
5C-00025	10033	Pu-239/240	0.0009	0.0023	0.0009	U	10229	Pu-239/Pu-240	-0.00046	0.0045	0.00051	U
5C-00025	10033	Pu-244	0.0034	0.0023	0.0017		10229	Pu-244	0.003	0.002	0.0015	
5C-00025	10033	Rn-220	1.18	0.028	0.093		10229	Rn-220	1.18	0.022	0.087	
5C-00025	10033	Rn-222	0.858	0.024	0.042		10229	Rn-222	0.869	0.026	0.044	
5C-00025	10033	Sb-125	0.125	0.035	0.01	S K	10229	Sb-125	0.106	0.04	0.009	S K
5C-00025	10033	Sn-126	0.0018	0.015	0.0046	U	10229	Sn-126	-0.0035	0.016	0.0047	U
5C-00025	10033	Sr-90	0.033	0.046	0.014		10229	Sr-90	0.001	0.045	0.013	U
5C-00025	10033	Te-125m	0.0289	0.008	0.0024	S K	10229	Te-125m	0.0245	0.0091	0.0021	S K
5C-00025	10033	Th-228	1.23	0.015	0.063		10229	Th-228	1.17	0.009	0.06	

Table A.3
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00025	10033	Th-229	0	0.013	0.0033	U	10229	Th-229	0.0025	0.0033	0.0017	U
5C-00025	10033	Th-230	0.805	0.003	0.044		10229	Th-230	0.86	0.003	0.046	
5C-00025	10033	Th-232	1.16	0.003	0.06		10229	Th-232	1.15	0.007	0.059	
5C-00025	10033	Th-234	0.396	0.14	0.047	R	10229	Th-234	1.28	0.14	0.077	R
5C-00025	10033	Tl-208	0.46	0.017	0.017		10229	Tl-208	0.443	0.016	0.017	
5C-00025	10033	Tm-171	-0.08	5.7	1.7	U	10229	Tm-171	-3.6	4.9	1.5	L U
5C-00025	10033	U-233/234	0.63	0.005	0.034		10229	U-233/U-234	0.651	0.006	0.035	
5C-00025	10033	U-235/236	0.0313	0.0024	0.0054		10229	U-235/U-236	0.0281	0.0071	0.0055	
5C-00025	10033	U-238	0.694	0.002	0.037		10229	U-238	0.688	0.006	0.037	
5C-00040	10055	Ac-227	0.01	0.16	0.036	U	10228	Ac-227	0.013	0.16	0.059	U
5C-00040	10055	Ac-228	1.24	0.085	0.046		10228	Ac-228	1.26	0.093	0.045	
5C-00040	10055	Ag-108	-0.002	0.0016	0.0005	R	10228	Ag-108	-0.00098	0.0015	0.00045	L U R
5C-00040	10055	Ag-108m	-0.0215	0.017	0.0053	R	10228	Ag-108m	-0.0105	0.016	0.0048	L U R
5C-00040	10055	Am-241	0	0.008	0.0018	U	10228	Am-241	0.0008	0.006	0.0015	U
5C-00040	10055	Ba-133	-0.132	0.03	0.011	R	10228	Ba-133	-0.0959	0.026	0.0089	R U
5C-00040	10055	Ba-137m	-0.0088	0.017	0.0053	U	10228	Ba-137m	-0.0054	0.018	0.0054	U
5C-00040	10055	Bi-212	1.01	0.13	0.082		10228	Bi-212	1.09	0.16	0.097	
5C-00040	10055	Bi-214	0.919	0.029	0.034		10228	Bi-214	0.888	0.03	0.034	
5C-00040	10055	Cd-113m	-2	47	14	U	10228	Cd-113m	7	45	13	U
5C-00040	10055	Cf-249	0.065	0.057	0.024		10228	Cf-249	0.0018	0.069	0.0063	U R
5C-00040	10055	Cm-243/244	-0.0051	0.015	0.0034	U	10228	Cm-243/Cm-244	0.0016	0.0059	0.0017	U
5C-00040	10055	Cm-245/246	0.0039	0.0048	0.0019		10228	Cm-245/Cm-246	0.0014	0.013	0.0033	U J
5C-00040	10055	Cm-247/248	0.0013	0.0068	0.0019	U	10228	Cm-247/Cm-248	-0.0027	0.013	0.0022	U

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00040	10055	Co-60	-0.0102	0.021	0.0063	U	10228	Co-60	0.0071	0.02	0.0061	U
5C-00040	10055	Cs-134	0.0139	0.064	0.0041	U	10228	Cs-134	0.0182	0.055	0.0067	U
5C-00040	10055	Cs-137	-0.0093	0.018	0.0056	U	10228	Cs-137	-0.0057	0.019	0.0057	U
5C-00040	10055	Eu-152	0.0011	0.041	0.0011	U	10228	Eu-152	-0.01	0.044	0.013	U
5C-00040	10055	Eu-154	0.011	0.1	0.011	U	10228	Eu-154	0.025	0.066	0.02	U
5C-00040	10055	Eu-155	0.103	0.047	0.019		10228	Eu-155	0.086	0.036	0.015	R S K
5C-00040	10055	Ho-166m	-0.0004	0.027	0.0006	U	10228	Ho-166m	0.0123	0.029	0.0069	U
5C-00040	10055	K-40	20.3	0.14	0.62		10228	K-40	20.4	0.14	0.63	
5C-00040	10055	Na-22	0.0031	0.023	0.0069	U	10228	Na-22	-0.0084	0.027	0.008	U
5C-00040	10055	Nb-94	0.0052	0.016	0.0033	U	10228	Nb-94	0.0066	0.016	0.0048	U
5C-00040	10055	Np-236	-0.001	0.038	0.011	U	10228	Np-236	-0.0004	0.035	0.011	U
5C-00040	10055	Np-239	-0.002	0.1	0.03	U	10228	Np-239	0.021	0.095	0.029	U
5C-00040	10055	Pa-231	0.14	0.62	0.16	U	10228	Pa-231	0.09	0.65	0.15	U
5C-00040	10055	Pb-212	1.29	0.035	0.042		10228	Pb-212	1.56	0.024	0.064	
5C-00040	10055	Pb-214	1.01	0.025	0.043		10228	Pb-214	1.02	0.03	0.036	
5C-00040	10055	Pu-236	-0.0033	0.0095	0.0023	U	10228	Pu-236	0	0.0075	0.002	U
5C-00040	10055	Pu-236	0.158	0.002	0.015		10228	Pu-236	0.174	0.005	0.015	
5C-00040	10055	Pu-238	0.0034	0.0042	0.0017		10228	Pu-238	0.0021	0.0048	0.0015	
5C-00040	10055	Pu-239/240	0.0006	0.0016	0.0006	U	10228	Pu-239/Pu-240	0.0016	0.0038	0.0012	
5C-00040	10055	Pu-244	0	0.0015	0.0006	U	10228	Pu-244	0	0.0014	0.00058	U
5C-00040	10055	Rn-220	1.15	0.035	0.093		10228	Rn-220	1.32	0.02	0.12	
5C-00040	10055	Rn-222	0.963	0.025	0.055		10228	Rn-222	0.955	0.03	0.049	
5C-00040	10055	Sb-125	0.157	0.047	0.013		10228	Sb-125	0.133	0.042	0.011	S K

Table A.3
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00040	10055	Sn-126	0.002	0.016	0.0047	U	10228	Sn-126	0.0093	0.017	0.0051	
5C-00040	10055	Sr-90	-0.018	0.078	0.022	U	10228	Sr-90	-0.021	0.067	0.019	U
5C-00040	10055	Te-125m	0.0364	0.011	0.0029		10228	Te-125m	0.0307	0.0096	0.0026	S K
5C-00040	10055	Th-228	1.16	0.028	0.066	K	10228	Th-228	1.27	0.014	0.067	
5C-00040	10055	Th-229	0.0061	0.0052	0.0022		10228	Th-229	0.0031	0.0076	0.0024	
5C-00040	10055	Th-230	0.785	0.012	0.049	K	10228	Th-230	0.859	0.01	0.049	
5C-00040	10055	Th-232	1.1	0.015	0.063	K	10228	Th-232	1.17	0.012	0.063	
5C-00040	10055	Th-234	1.44	0.23	0.086	R	10228	Th-234	0.391	0.18	0.057	R
5C-00040	10055	Tl-208	0.466	0.02	0.019		10228	Tl-208	0.476	0.017	0.018	
5C-00040	10055	Tm-171	-9.9	10	3.1	R	10228	Tm-171	0.1	6.5	2	U
5C-00040	10055	U-233/234	0.71	0.011	0.04		10228	U-233/U-234	0.77	0.009	0.045	
5C-00040	10055	U-235/236	0.041	0.0091	0.0076		10228	U-235/U-236	0.0423	0.0041	0.0082	J
5C-00040	10055	U-238	0.754	0.003	0.042		10228	U-238	0.825	0.003	0.047	
5C-00041	10056	Ac-227	0.007	0.13	0.054	U	10223	Ac-227	0.042	0.14	0.042	U
5C-00041	10056	Ac-228	0.928	0.085	0.035		10223	Ac-228	0.937	0.1	0.038	
5C-00041	10056	Ag-108	0	0.0012	0.0004	U R	10223	Ag-108	0.00006	0.0012	0.00019	U R
5C-00041	10056	Ag-108m	0.0001	0.013	0.004	U R	10223	Ag-108m	0.0007	0.013	0.002	U R
5C-00041	10056	Am-241	0.0009	0.0098	0.0025	U	10223	Am-241	0.0009	0.0066	0.0016	U
5C-00041	10056	Ba-133	-0.0094	0.016	0.0048	U R	10223	Ba-133	-0.0038	0.017	0.005	U R
5C-00041	10056	Ba-137m	-0.0004	0.015	0.0063	U	10223	Ba-137m	0.0064	0.017	0.0051	U
5C-00041	10056	Bi-212	0.755	0.13	0.073		10223	Bi-212	0.806	0.15	0.084	
5C-00041	10056	Bi-214	0.69	0.026	0.027		10223	Bi-214	0.688	0.029	0.028	
5C-00041	10056	Cd-113m	9	37	11	U	10223	Cd-113m	13	40	12	U

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00041	10056	Cf-249	0.0006	0.059	0.003	U R	10223	Cf-249	0.0002	0.066	0.02	U R
5C-00041	10056	Cm-243/244	0	0.0066	0.0013	U	10223	Cm-243/Cm-244	-0.0018	0.0082	0.0014	U
5C-00041	10056	Cm-245/246	0.0024	0.0022	0.0014	J	10223	Cm-245/Cm-246	0.0016	0.0058	0.0016	U J
5C-00041	10056	Cm-247/248	0.0008	0.0058	0.0014	U J	10223	Cm-247/Cm-248	0	0.0021	0.00087	U J
5C-00041	10056	Co-60	0.0044	0.019	0.0043	U	10223	Co-60	0.0068	0.018	0.0051	U
5C-00041	10056	Cs-134	-0.0132	0.017	0.0051	L U	10223	Cs-134	-0.0105	0.019	0.0058	U
5C-00041	10056	Cs-137	-0.0004	0.016	0.0066	U	10223	Cs-137	0.0068	0.018	0.0054	U
5C-00041	10056	Eu-152	0.0076	0.036	0.0089	U	10223	Eu-152	-0.002	0.038	0.011	U
5C-00041	10056	Eu-154	0.0021	0.1	0.002	U	10223	Eu-154	-0.03	0.12	0.036	U
5C-00041	10056	Eu-155	0.059	0.03	0.011	S K	10223	Eu-155	0.068	0.032	0.012	S K
5C-00041	10056	Ho-166m	0.0122	0.022	0.0061	S K	10223	Ho-166m	-0.0034	0.025	0.0031	U
5C-00041	10056	K-40	22.6	0.12	0.68		10223	K-40	22.8	0.15	0.69	
5C-00041	10056	Na-22	-0.0042	0.026	0.0078	U	10223	Na-22	-0.00002	0.028	0.0084	U
5C-00041	10056	Nb-94	0	0.013	0.0032	U	10223	Nb-94	0.0147	0.012	0.0051	S K
5C-00041	10056	Np-236	-0.0048	0.026	0.0078	U	10223	Np-236	-0.0064	0.027	0.0081	U
5C-00041	10056	Np-239	0.011	0.08	0.024	U	10223	Np-239	-0.009	0.086	0.026	U
5C-00041	10056	Pa-231	0.041	0.51	0.071	U	10223	Pa-231	-0.11	0.59	0.18	U
5C-00041	10056	Pb-212	1.22	0.022	0.05		10223	Pb-212	1.24	0.023	0.051	
5C-00041	10056	Pb-214	0.74	0.027	0.026		10223	Pb-214	0.756	0.027	0.027	
5C-00041	10056	Pu-236	-0.0023	0.0086	0.002	U	10223	Pu-236	-0.0028	0.011	0.0027	U
5C-00041	10056	Pu-238	-0.0011	0.0075	0.0017	U	10223	Pu-238	0.0006	0.0052	0.0013	U
5C-00041	10056	Pu-239/240	0.0011	0.0042	0.0012	U	10223	Pu-239/Pu-240	0.0022	0.0015	0.0011	
5C-00041	10056	Pu-244	0.0006	0.0042	0.001	U	10223	Pu-244	0.0022	0.0015	0.0011	

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00041	10056	Rn-220	0.988	0.022	0.089		10223	Rn-220	1.02	0.023	0.098	
5C-00041	10056	Rn-222	0.715	0.026	0.037		10223	Rn-222	0.722	0.027	0.039	
5C-00041	10056	Sb-125	0.103	0.04	0.0097	S K	10223	Sb-125	0.1	0.046	0.01	S K
5C-00041	10056	Sn-126	0.0027	0.015	0.0044	U	10223	Sn-126	0.0021	0.017	0.005	U
5C-00041	10056	Sr-90	0.011	0.037	0.011	U	10223	Sr-90	0.011	0.037	0.011	U
5C-00041	10056	Te-125m	0.0239	0.0092	0.0022	S K	10223	Te-125m	0.0232	0.011	0.0023	S K
5C-00041	10056	Th-228	1.01	0.029	0.059		10223	Th-228	1.06	0.025	0.062	J
5C-00041	10056	Th-229	0.0059	0.0027	0.0024		10223	Th-229	0.0053	0.011	0.0036	
5C-00041	10056	Th-230	0.756	0.012	0.047		10223	Th-230	0.894	0.016	0.054	J
5C-00041	10056	Th-232	1.01	0.012	0.059		10223	Th-232	1.06	0.016	0.062	
5C-00041	10056	Th-234	0.317	0.14	0.044	R	10223	Th-234	1.11	0.15	0.073	R
5C-00041	10056	Tl-208	0.359	0.015	0.014		10223	Tl-208	0.373	0.02	0.017	
5C-00041	10056	Tm-171	-1.3	5.8	1.8	U	10223	Tm-171	1	4.7	1.4	U
5C-00041	10056	U-233/234	0.647	0.006	0.035		10223	U-233/U-234	0.602	0.011	0.037	
5C-00041	10056	U-235/236	0.0358	0.0027	0.0062		10223	U-235/U-236	0.028	0.011	0.0069	
5C-00041	10056	U-238	0.616	0.002	0.034		10223	U-238	0.562	0.003	0.035	
5C-00051	10072	Ac-227	0.0032	0.15	0.0041	U	10222	Ac-228	1.19	0.087	0.041	
5C-00051	10072	Ac-228	1.21	0.096	0.046		10222	Ac-227	0.045	0.15	0.043	U
5C-00051	10072	Ag-108	-0.0014	0.0016	0.0005	UL	10222	Ag-108	-0.00186	0.0014	0.00044	R
5C-00051	10072	Ag-108m	-0.0154	0.017	0.0053	UL	10222	Ag-108m	-0.02	0.015	0.0047	R
5C-00051	10072	Am-241	0.0021	0.0064	0.0019	U	10222	Am-241	0.0023	0.012	0.0034	U
5C-00051	10072	Ba-133	-0.0607	0.021	0.0071	R	10222	Ba-133	-0.0193	0.02	0.0061	R
5C-00051	10072	Ba-137m	0.0208	0.013	0.0057		10222	Ba-137m	0.0279	0.012	0.0056	

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00051	10072	Bi-212	1.04	0.13	0.08		10222	Bi-212	1.02	0.14	0.083	
5C-00051	10072	Bi-214	0.997	0.03	0.037		10222	Bi-214	0.954	0.026	0.034	
5C-00051	10072	Cd-113m	-2	43	13	U	10222	Cd-113m	-5	43	13	U
5C-00051	10072	Cf-249	0.02	0.069	0.021	U	10222	Cf-249	0.0054	0.066	0.004	U
5C-00051	10072	Cm-243/244	0.0007	0.0081	0.0021	U	10222	Cm-243/Cm-244	0.0067	0.01	0.0036	
5C-00051	10072	Cm-245/246	-0.0048	0.016	0.0033	U	10222	Cm-245/Cm-246	0.0028	0.0068	0.0021	
5C-00051	10072	Cm-247/248	0.0024	0.0032	0.0017	U	10222	Cm-247/Cm-248	0.0036	0.0067	0.0023	
5C-00051	10072	Co-60	0.0045	0.02	0.0029	U	10222	Co-60	0.0008	0.02	0.0059	U
5C-00051	10072	Cs-134	0.0154	0.059	0.0044	U	10222	Cs-134	0.005	0.057	0.017	U
5C-00051	10072	Cs-137	0.022	0.014	0.006		10222	Cs-137	0.0295	0.013	0.0059	
5C-00051	10072	Eu-152	0.0022	0.039	0.0019	U	10222	Eu-152	-0.005	0.041	0.012	U
5C-00051	10072	Eu-154	-0.03	0.11	0.034	U	10222	Eu-154	-0.0026	0.11	0.006	U
5C-00051	10072	Eu-155	0.023	0.037	0.011		10222	Eu-155	0.061	0.034	0.013	
5C-00051	10072	Ho-166m	0.0007	0.028	0.0004	U J	10222	Ho-166m	0.0209	0.026	0.0034	J
5C-00051	10072	K-40	20.7	0.17	0.63		10222	K-40	20.3	0.15	0.62	
5C-00051	10072	Na-22	0.0023	0.025	0.0076	U	10222	Na-22	-0.0029	0.026	0.0078	U
5C-00051	10072	Nb-94	0.0051	0.015	0.0046	U	10222	Nb-94	0.004	0.015	0.0035	U
5C-00051	10072	Np-236	-0.0008	0.026	0.0077	U	10222	Np-236	0.00004	0.029	0.0088	U
5C-00051	10072	Np-239	0.003	0.091	0.027	U	10222	Np-239	0.013	0.09	0.027	U
5C-00051	10072	Pa-231	-0.12	0.63	0.19	U	10222	Pa-231	-0.07	0.59	0.18	U
5C-00051	10072	Pb-212	1.37	0.03	0.043		10222	Pb-212	1.52	0.024	0.062	
5C-00051	10072	Pb-214	1.11	0.029	0.048		10222	Pb-214	1.03	0.027	0.034	
5C-00051	10072	Pu-236	-0.0026	0.012	0.0017	U	10222	Pu-236	0	0.0022	0.00069	U

Table A.3
Parent and Field Duplicate Results Summary
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00051	10072	Pu-238	-0.0025	0.012	0.0016	U	10222	Pu-238	0.0014	0.0058	0.0016	U
5C-00051	10072	Pu-239/240	0.0014	0.0038	0.0014	U	10222	Pu-239/Pu-240	0.0002	0.0066	0.0015	U
5C-00051	10072	Pu-244	0	0.0038	0.0012	U	10222	Pu-244	0.0008	0.0022	0.0008	U
5C-00051	10072	Rn-220	1.2	0.03	0.091		10222	Rn-220	1.27	0.02	0.1	
5C-00051	10072	Rn-222	1.06	0.029	0.06		10222	Rn-222	0.993	0.026	0.048	
5C-00051	10072	Sb-125	0.126	0.047	0.011		10222	Sb-125	0.108	0.044	0.0092	
5C-00051	10072	Sn-126	0.0022	0.017	0.0051	U	10222	Sn-126	0.0063	0.017	0.005	U
5C-00051	10072	Sr-90	0.026	0.07	0.021	U	10222	Sr-90	0.015	0.053	0.016	U
5C-00051	10072	Te-125m	0.029	0.011	0.0026		10222	Te-125m	0.025	0.01	0.0021	
5C-00051	10072	Th-228	1.1	0.015	0.057		10222	Th-228	1.07	0.018	0.055	
5C-00051	10072	Th-229	0.0013	0.019	0.0052	U	10222	Th-229	0.0049	0.0091	0.0031	
5C-00051	10072	Th-230	0.901	0.008	0.049		10222	Th-230	0.953	0.01	0.05	
5C-00051	10072	Th-232	1.02	0.003	0.054		10222	Th-232	1.1	0.003	0.056	
5C-00051	10072	Th-234	1.67	0.17	0.09	R	10222	Th-234	1.57	0.15	0.088	R
5C-00051	10072	Tl-208	0.494	0.02	0.019		10222	Tl-208	0.47	0.016	0.018	
5C-00051	10072	Tm-171	-2.8	7	2.1	U	10222	Tm-171	-3.9	5.6	1.7	UL
5C-00051	10072	U-233/234	0.85	0.011	0.043		10222	U-233/U-234	0.894	0.012	0.05	
5C-00051	10072	U-235/236	0.0362	0.0065	0.006		10222	U-235/U-236	0.0439	0.0042	0.0085	
5C-00051	10072	U-238	0.841	0.005	0.043		10222	U-238	0.852	0.003	0.049	
5C-00061	10090	Ac-227	0.091	0.12	0.023		10227	Ac-227	0.039	0.16	0.063	U
5C-00061	10090	Ac-228	1.35	0.09	0.048		10227	Ac-228	1.26	0.12	0.056	
5C-00061	10090	Ag-108	-0.0046	0.0019	0.0006	R U	10227	Ag-108	-0.00064	0.0017	0.00051	U
5C-00061	10090	Ag-108m	-0.0497	0.02	0.0067	R U	10227	Ag-108m	-0.0068	0.018	0.0054	U

Table A.3
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00061	10090	Am-241	-0.0011	0.011	0.0021	U	10227	Am-241	0.0021	0.0079	0.0022	U
5C-00061	10090	Ba-133	-0.0722	0.022	0.0078	R U	10227	Ba-133	-0.0102	0.02	0.006	U J
5C-00061	10090	Ba-137m	0.0189	0.013	0.0043		10227	Ba-137m	0.0238	0.013	0.006	
5C-00061	10090	Bi-212	1.07	0.14	0.079		10227	Bi-212	1	0.13	0.075	
5C-00061	10090	Bi-214	0.994	0.031	0.036		10227	Bi-214	0.975	0.03	0.035	
5C-00061	10090	Cd-113m	-2	47	14	U	10227	Cd-113m	2	45	14	U
5C-00061	10090	Cf-249	0.087	0.064	0.029	R	10227	Cf-249	0.053	0.054	0.021	
5C-00061	10090	Cm-243/244	-0.0011	0.015	0.0036	U	10227	Cm-243/Cm-244	0	0.014	0.0035	U
5C-00061	10090	Cm-245/246	0.0034	0.0018	0.0015	K	10227	Cm-245/Cm-246	0.0024	0.0022	0.0014	
5C-00061	10090	Cm-247/248	0.0026	0.0018	0.0013		10227	Cm-247/Cm-248	0.00078	0.0021	0.00078	U
5C-00061	10090	Co-60	0.0021	0.02	0.0023	U	10227	Co-60	0.009	0.02	0.006	U
5C-00061	10090	Cs-134	0.0142	0.057	0.0037	S K	10227	Cs-134	0.0025	0.059	0.0083	U
5C-00061	10090	Cs-137	0.02	0.014	0.0045		10227	Cs-137	0.0251	0.014	0.0063	
5C-00061	10090	Eu-152	0.004	0.035	0.011	U	10227	Eu-152	0.017	0.033	0.0095	
5C-00061	10090	Eu-154	0.018	0.11	0.017	U	10227	Eu-154	0.04	0.085	0.026	U
5C-00061	10090	Eu-155	0.091	0.039	0.016	S K	10227	Eu-155	0.088	0.037	0.015	J
5C-00061	10090	Ho-166m	0.0297	0.03	0.0044	S K	10227	Ho-166m	0.014	0.029	0.012	
5C-00061	10090	K-40	21	0.19	0.65		10227	K-40	20.8	0.2	0.64	
5C-00061	10090	Na-22	0.0048	0.025	0.0074	U	10227	Na-22	-0.0007	0.025	0.0073	U
5C-00061	10090	Nb-94	0.0064	0.016	0.005	S K	10227	Nb-94	0.0082	0.016	0.0048	
5C-00061	10090	Np-236	0.0005	0.036	0.011	U	10227	Np-236	0.0017	0.026	0.0079	U
5C-00061	10090	Np-239	-0.014	0.095	0.029	U	10227	Np-239	0.007	0.091	0.027	U
5C-00061	10090	Pa-231	-0.01	0.67	0.2	U	10227	Pa-231	0.14	0.64	0.19	U

Table A.3
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00061	10090	Pb-212	1.65	0.025	0.05		10227	Pb-212	1.55	0.034	0.049	
5C-00061	10090	Pb-214	1.06	0.03	0.046		10227	Pb-214	1.08	0.03	0.046	
5C-00061	10090	Pu-236	-0.0022	0.0074	0.0017	U	10227	Pu-236	0	0.0015	0.00061	U
5C-00061	10090	Pu-238	0.003	0.0047	0.0016		10227	Pu-238	0.0033	0.0051	0.0018	
5C-00061	10090	Pu-239/240	0.0005	0.0014	0.0005	U	10227	Pu-239/Pu-240	0.0011	0.004	0.0011	U
5C-00061	10090	Pu-244	-0.0005	0.0037	0.0006	U	10227	Pu-244	0	0.0015	0.00061	U
5C-00061	10090	Rn-220	1.36	0.025	0.094		10227	Rn-220	1.28	0.034	0.09	
5C-00061	10090	Rn-222	1.03	0.03	0.059		10227	Rn-222	1.03	0.03	0.058	
5C-00061	10090	Sb-125	0.191	0.041	0.019	S K	10227	Sb-125	0.122	0.037	0.01	
5C-00061	10090	Sn-126	0.0004	0.019	0.0056	U	10227	Sn-126	-0.0003	0.018	0.0054	U
5C-00061	10090	Sr-90	0.037	0.052	0.016		10227	Sr-90	0.003	0.058	0.017	U
5C-00061	10090	Te-125m	0.0442	0.0095	0.0045	S K	10227	Te-125m	0.0282	0.0086	0.0024	
5C-00061	10090	Th-228	1.31	0.012	0.066		10227	Th-228	1.25	0.009	0.063	
5C-00061	10090	Th-229	0.0043	0.0016	0.0016		10227	Th-229	0.0049	0.0072	0.0026	
5C-00061	10090	Th-230	0.825	0.008	0.046		10227	Th-230	0.868	0.003	0.047	
5C-00061	10090	Th-232	1.21	0.008	0.062		10227	Th-232	1.25	0.011	0.063	
5C-00061	10090	Th-234	0.486	0.19	0.061	R	10227	Th-234	0.435	0.19	0.059	J R
5C-00061	10090	Tl-208	0.521	0.02	0.02		10227	Tl-208	0.519	0.019	0.02	
5C-00061	10090	Tm-171	0.3	5	1.5	U	10227	Tm-171	0.3	7	2.1	U
5C-00061	10090	U-233/234	1.04	0.008	0.056		10227	U-233/U-234	0.799	0.003	0.046	
5C-00061	10090	U-235/236	0.0536	0.01	0.0092		10227	U-235/U-236	0.0349	0.011	0.0078	
5C-00061	10090	U-238	0.849	0.003	0.047		10227	U-238	0.812	0.003	0.046	
5C-00080	10121	Ac-227	0.027	0.15	0.041	U	10226	Ac-227	0.068	0.11	0.02	

Table A.3
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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00080	10121	Ac-228	1.28	0.085	0.043		10226	Ac-228	1.39	0.079	0.048	
5C-00080	10121	Ag-108	-0.0016	0.0015	0.0005	R	10226	Ag-108	-0.00412	0.0016	0.00054	R U
5C-00080	10121	Ag-108m	-0.0173	0.017	0.0052	R	10226	Ag-108m	-0.0443	0.018	0.0058	R U
5C-00080	10121	Am-241	-0.006	0.026	0.0057	U	10226	Am-241	0.0037	0.009	0.0028	
5C-00080	10121	Ba-133	-0.0307	0.021	0.0066	R	10226	Ba-133	-0.0219	0.018	0.0056	R U
5C-00080	10121	Ba-137m	-0.0025	0.017	0.005	U	10226	Ba-137m	-0.001	0.018	0.0054	U
5C-00080	10121	Bi-212	1.07	0.13	0.077		10226	Bi-212	1.13	0.14	0.084	
5C-00080	10121	Bi-214	0.973	0.029	0.036	R	10226	Bi-214	1.02	0.03	0.037	R
5C-00080	10121	Cd-113m	1	42	13	U	10226	Cd-113m	0.2	33	9.8	U
5C-00080	10121	Cf-249	-0.024	0.069	0.021	U	10226	Cf-249	-0.016	0.065	0.02	U R
5C-00080	10121	Cm-243/244	-0.0039	0.021	0.0043	U	10226	Cm-243/Cm-244	-0.0012	0.02	0.0053	U
5C-00080	10121	Cm-245/246	0.0011	0.011	0.0027	U	10226	Cm-245/Cm-246	0	0.0035	0.0014	U J
5C-00080	10121	Cm-247/248	-0.0022	0.01	0.0018	U	10226	Cm-247/Cm-248	-0.0013	0.0093	0.0014	U J
5C-00080	10121	Co-60	-0.0006	0.023	0.0067	U	10226	Co-60	0.0033	0.017	0.0037	U
5C-00080	10121	Cs-134	0.0084	0.054	0.0029	U	10226	Cs-134	0.002	0.055	0.017	U
5C-00080	10121	Cs-137	-0.0027	0.017	0.0052	U	10226	Cs-137	-0.0011	0.019	0.0057	U
5C-00080	10121	Eu-152	0.024	0.039	0.012		10226	Eu-152	0.016	0.038	0.0091	U
5C-00080	10121	Eu-154	0.024	0.11	0.015	U	10226	Eu-154	0.084	0.062	0.026	J
5C-00080	10121	Eu-155	0.087	0.032	0.013		10226	Eu-155	0.072	0.035	0.014	S K
5C-00080	10121	Ho-166m	-0.0002	0.026	0.0079	U	10226	Ho-166m	0.0112	0.026	0.0077	U
5C-00080	10121	K-40	18.4	0.13	0.56		10226	K-40	18.9	0.16	0.58	
5C-00080	10121	Na-22	-0.001	0.024	0.0073	U	10226	Na-22	0.0107	0.023	0.0069	U
5C-00080	10121	Nb-94	0.0031	0.015	0.0045	U	10226	Nb-94	0.0013	0.013	0.0012	U

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00080	10121	Np-236	-0.011	0.033	0.01	U	10226	Np-236	0.0008	0.031	0.0094	U
5C-00080	10121	Np-239	0.006	0.089	0.027	U	10226	Np-239	0.016	0.085	0.026	U
5C-00080	10121	Pa-231	0.19	0.55	0.17	U	10226	Pa-231	0.29	0.38	0.13	
5C-00080	10121	Pb-212	1.61	0.028	0.066		10226	Pb-212	1.66	0.023	0.05	
5C-00080	10121	Pb-214	1.07	0.029	0.037		10226	Pb-214	1.11	0.028	0.047	
5C-00080	10121	Pu-236	0.0005	0.0015	0.0005	U	10226	Pu-236	-0.00057	0.0042	0.00062	U
5C-00080	10121	Pu-238	-0.0005	0.0057	0.0013	U	10226	Pu-238	0.00167	0.0015	0.00097	
5C-00080	10121	Pu-239/240	0.0005	0.0014	0.0005	U	10226	Pu-239/Pu-240	0.00111	0.0015	0.00079	U
5C-00080	10121	Pu-244	0.0005	0.0014	0.0005	U	10226	Pu-244	0.00111	0.0015	0.00079	U
5C-00080	10121	Rn-220	1.34	0.03	0.1		10226	Rn-220	1.4	0.023	0.098	
5C-00080	10121	Rn-222	1.02	0.029	0.052		10226	Rn-222	1.06	0.028	0.059	
5C-00080	10121	Sb-125	0.151	0.043	0.012		10226	Sb-125	0.169	0.041	0.013	S K
5C-00080	10121	Sn-126	-0.0019	0.017	0.005	U	10226	Sn-126	0.0005	0.016	0.0048	U
5C-00080	10121	Sr-90	-0.018	0.038	0.011	U	10226	Sr-90	-0.012	0.062	0.018	U
5C-00080	10121	Te-125m	0.0348	0.01	0.0027		10226	Te-125m	0.039	0.0095	0.003	S K
5C-00080	10121	Th-228	1.24	0.03	0.067		10226	Th-228	1.5	0.004	0.077	
5C-00080	10121	Th-229	0.0064	0.0029	0.0026		10226	Th-229	0.0106	0.0032	0.0036	
5C-00080	10121	Th-230	0.939	0.01	0.054		10226	Th-230	1.03	0.01	0.057	
5C-00080	10121	Th-232	1.33	0.01	0.071		10226	Th-232	1.48	0.004	0.077	
5C-00080	10121	Th-234	0.421	0.16	0.052	R	10226	Th-234	0.376	0.17	0.054	R
5C-00080	10121	Tl-208	0.513	0.018	0.019		10226	Tl-208	0.566	0.018	0.021	J
5C-00080	10121	Tm-171	-2.6	5.7	1.7	U	10226	Tm-171	-1.2	6.3	1.9	U
5C-00080	10121	U-233/234	0.816	0.014	0.046		10226	U-233/U-234	0.707	0.002	0.038	

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Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00080	10121	U-235/236	0.0556	0.0039	0.0092		10226	U-235/U-236	0.0414	0.0027	0.0067	
5C-00080	10121	U-238	0.895	0.008	0.049		10226	U-238	0.784	0.008	0.042	
5C-00099	10153	Ac-227	0.145	0.11	0.04		10225	Ac-227	0.036	0.14	0.063	U
5C-00099	10153	Ac-228	1.34	0.11	0.049		10225	Ac-228	1.24	0.081	0.042	
5C-00099	10153	Ag-108	-0.002	0.0015	0.0005	R U	10225	Ag-108	-0.00012	0.0013	0.00038	U R
5C-00099	10153	Ag-108m	-0.0215	0.017	0.0052	R U	10225	Ag-108m	-0.0013	0.014	0.0041	U R
5C-00099	10153	Am-241	-0.0021	0.013	0.0028	U J	10225	Am-241	0	0.0063	0.0013	U
5C-00099	10153	Ba-133	-0.0242	0.02	0.0063	R U	10225	Ba-133	0.005	0.016	0.0048	U R
5C-00099	10153	Ba-137m	0.0047	0.017	0.0053	U	10225	Ba-137m	0.007	0.016	0.0056	U
5C-00099	10153	Bi-212	1.24	0.13	0.083		10225	Bi-212	1.08	0.13	0.075	
5C-00099	10153	Bi-214	1.06	0.027	0.037	R	10225	Bi-214	0.919	0.025	0.032	
5C-00099	10153	Cd-113m	2	45	14	U	10225	Cd-113m	16	30	11	
5C-00099	10153	Cf-249	0.0064	0.068	0.0057	U R	10225	Cf-249	0.022	0.058	0.018	U R
5C-00099	10153	Cm-243/244	0.0021	0.0075	0.0021	U J	10225	Cm-243/Cm-244	-0.0017	0.0078	0.0013	U
5C-00099	10153	Cm-245/246	-0.0009	0.011	0.0025	U J	10225	Cm-245/Cm-246	0.00095	0.0026	0.00095	U J
5C-00099	10153	Cm-247/248	-0.0009	0.0064	0.001	U J	10225	Cm-247/Cm-248	0.0028	0.0025	0.0016	
5C-00099	10153	Co-60	0.0009	0.02	0.0059	U	10225	Co-60	0	0.021	0.0035	U
5C-00099	10153	Cs-134	0.0065	0.061	0.0028	U	10225	Cs-134	0.0176	0.034	0.0047	S K
5C-00099	10153	Cs-137	0.005	0.018	0.0056	U	10225	Cs-137	0.0075	0.017	0.0059	U
5C-00099	10153	Eu-152	0.0016	0.041	0.0013	U	10225	Eu-152	0.009	0.039	0.011	U
5C-00099	10153	Eu-154	0.019	0.11	0.013	U J	10225	Eu-154	-0.014	0.11	0.032	U
5C-00099	10153	Eu-155	0.102	0.039	0.016	S K	10225	Eu-155	0.09	0.033	0.013	S K
5C-00099	10153	Ho-166m	0.0329	0.026	0.0054	S K	10225	Ho-166m	0.0106	0.026	0.0071	U

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Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00099	10153	K-40	20.8	0.17	0.64		10225	K-40	18.6	0.15	0.57	
5C-00099	10153	Na-22	0.0001	0.025	0.0074	U	10225	Na-22	-0.005	0.026	0.0079	U
5C-00099	10153	Nb-94	0.0152	0.013	0.0039	S K	10225	Nb-94	0.0073	0.014	0.0043	
5C-00099	10153	Np-236	-0.0007	0.03	0.0091	U	10225	Np-236	-0.0106	0.024	0.0072	U
5C-00099	10153	Np-239	-0.005	0.093	0.028	U	10225	Np-239	0.003	0.087	0.026	U
5C-00099	10153	Pa-231	-0.03	0.65	0.19	U	10225	Pa-231	0.0094	0.59	0.0067	U
5C-00099	10153	Pb-212	1.66	0.025	0.051		10225	Pb-212	1.67	0.023	0.068	
5C-00099	10153	Pb-214	1.16	0.031	0.049		10225	Pb-214	0.974	0.023	0.033	
5C-00099	10153	Pu-236	-0.0014	0.0058	0.0012	U	10225	Pu-236	0.0047	0.0054	0.0021	
5C-00099	10153	Pu-238	0	0.0044	0.001	U	10225	Pu-238	0.0041	0.0062	0.0022	
5C-00099	10153	Pu-239/240	0	0.0013	0.0005	U	10225	Pu-239/Pu-240	0.0017	0.0016	0.001	
5C-00099	10153	Pu-244	0.0009	0.0013	0.0007	U	10225	Pu-244	0.0017	0.0043	0.0013	
5C-00099	10153	Rn-220	1.45	0.025	0.098		10225	Rn-220	1.38	0.02	0.1	
5C-00099	10153	Rn-222	1.11	0.027	0.062		10225	Rn-222	0.946	0.023	0.046	
5C-00099	10153	Sb-125	0.131	0.047	0.011	S K	10225	Sb-125	0.151	0.031	0.012	S K
5C-00099	10153	Sn-126	0.0007	0.018	0.0055	U	10225	Sn-126	0.0042	0.015	0.0046	U
5C-00099	10153	Sr-90	-0.009	0.058	0.016	U	10225	Sr-90	0.005	0.054	0.016	U
5C-00099	10153	Te-125m	0.0302	0.011	0.0027	S K	10225	Te-125m	0.0348	0.0072	0.0028	S K
5C-00099	10153	Th-228	1.21	0.015	0.061		10225	Th-228	1.32	0.019	0.068	
5C-00099	10153	Th-229	0.0077	0.0035	0.0031		10225	Th-229	0.013	0.0068	0.0038	
5C-00099	10153	Th-230	0.967	0.009	0.051		10225	Th-230	1.03	0.003	0.055	
5C-00099	10153	Th-232	1.22	0.003	0.062		10225	Th-232	1.25	0.01	0.065	
5C-00099	10153	Th-234	1.1	0.21	0.076	R	10225	Th-234	1.6	0.15	0.084	R

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00099	10153	Tl-208	0.544	0.021	0.021	J	10225	Tl-208	0.498	0.018	0.019	
5C-00099	10153	Tm-171	-5.5	6	1.9	L U	10225	Tm-171	3	6	1.8	
5C-00099	10153	U-233/234	0.991	0.003	0.053		10225	U-233/U-234	0.757	0.011	0.044	
5C-00099	10153	U-235/236	0.0432	0.01	0.0082		10225	U-235/U-236	0.0442	0.004	0.0083	
5C-00099	10153	U-238	0.961	0.003	0.052		10225	U-238	0.734	0.013	0.043	
5C-00126	10191	Ac-227	0.032	0.12	0.011	U	10224	Ac-227	0.027	0.12	0.036	U
5C-00126	10191	Ac-228	1.31	0.064	0.045	B	10224	Ac-228	1.24	0.074	0.049	B
5C-00126	10191	Ag-108	-0.005	0.0014	0.0005	R U	10224	Ag-108	-0.00169	0.0011	0.00035	R U
5C-00126	10191	Ag-108m	-0.054	0.015	0.0051	R U	10224	Ag-108m	-0.0182	0.012	0.0038	R U
5C-00126	10191	Am-241	0.0029	0.009	0.0027	U	10224	Am-241	0.0017	0.0062	0.0017	U
5C-00126	10191	Ba-133	-0.11	0.021	0.0078	R U	10224	Ba-133	-0.113	0.021	0.0079	R U
5C-00126	10191	Ba-137m	0.0032	0.012	0.0038	U	10224	Ba-137m	0.0152	0.009	0.0041	
5C-00126	10191	Bi-212	1.13	0.1	0.068		10224	Bi-212	1.07	0.1	0.067	
5C-00126	10191	Bi-214	0.968	0.021	0.036		10224	Bi-214	0.936	0.021	0.035	
5C-00126	10191	Cd-113m	9	35	11	U	10224	Cd-113m	3	33	10	U
5C-00126	10191	Cf-249	-0.02	0.057	0.017	U R	10224	Cf-249	0.0036	0.059	0.0027	U R
5C-00126	10191	Cm-243/244	0.001	0.0026	0.001	U	10224	Cm-243/Cm-244	0.0008	0.0076	0.0019	U
5C-00126	10191	Cm-245/246	0.0048	0.0043	0.0028	J	10224	Cm-245/Cm-246	0.0043	0.011	0.0034	J
5C-00126	10191	Cm-247/248	0	0.011	0.0023	U J	10224	Cm-247/Cm-248	-0.0011	0.01	0.0012	U J
5C-00126	10191	Co-60	0.0032	0.015	0.0024	U	10224	Co-60	0.0033	0.013	0.004	U
5C-00126	10191	Cs-134	0.02	0.048	0.0047	U	10224	Cs-134	0.0102	0.038	0.0031	U
5C-00126	10191	Cs-137	0.0034	0.013	0.004		10224	Cs-137	0.016	0.0095	0.0043	
5C-00126	10191	Eu-152	-0.0077	0.032	0.0096	U	10224	Eu-152	0.0028	0.03	0.008	U

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00126	10191	Eu-154	-0.027	0.081	0.024	U	10224	Eu-154	0.031	0.052	0.016	
5C-00126	10191	Eu-155	0.068	0.037	0.012	S K	10224	Eu-155	0.074	0.031	0.013	S K
5C-00126	10191	Ho-166m	0.0102	0.02	0.0057	S K	10224	Ho-166m	0.0092	0.016	0.0052	S K
5C-00126	10191	K-40	18.4	0.13	0.61		10224	K-40	18.2	0.14	0.61	
5C-00126	10191	Na-22	-0.0037	0.02	0.0059	U	10224	Na-22	0.0042	0.017	0.0051	U
5C-00126	10191	Nb-94	0.0045	0.0079	0.0024		10224	Nb-94	0.0051	0.011	0.0033	U
5C-00126	10191	Np-236	-0.0066	0.028	0.0084	U	10224	Np-236	-0.0048	0.027	0.0081	U
5C-00126	10191	Np-239	-0.012	0.079	0.024	U	10224	Np-239	-0.001	0.076	0.023	U
5C-00126	10191	Pa-231	-0.07	0.48	0.15	U	10224	Pa-231	-0.16	0.5	0.15	U
5C-00126	10191	Pb-212	1.77	0.02	0.093		10224	Pb-212	1.73	0.022	0.091	
5C-00126	10191	Pb-214	1.08	0.024	0.041		10224	Pb-214	1.07	0.023	0.04	
5C-00126	10191	Pu-236	-0.0023	0.0089	0.0013	U	10224	Pu-236	-0.0039	0.011	0.0018	L U
5C-00126	10191	Pu-238	0.0031	0.0081	0.0025		10224	Pu-238	-0.00064	0.0064	0.00072	U
5C-00126	10191	Pu-239/240	-0.0012	0.0071	0.0009	U	10224	Pu-239/Pu-240	0.0043	0.0029	0.0022	
5C-00126	10191	Pu-244	0	0.0026	0.0008	U	10224	Pu-244	0	0.0029	0.00093	U
5C-00126	10191	Rn-220	1.45	0.02	0.12		10224	Rn-220	1.4	0.02	0.11	
5C-00126	10191	Rn-222	1.02	0.021	0.054		10224	Rn-222	1	0.021	0.053	
5C-00126	10191	Sb-125	0.117	0.028	0.0085	S K	10224	Sb-125	0.125	0.031	0.0085	S K
5C-00126	10191	Sn-126	-0.0002	0.013	0.0039	U	10224	Sn-126	0.0037	0.012	0.0036	U
5C-00126	10191	Sr-90	-0.014	0.046	0.013	U	10224	Sr-90	0.01	0.041	0.012	U
5C-00126	10191	Te-125m	0.0271	0.0064	0.002	S K	10224	Te-125m	0.0288	0.0072	0.002	S K
5C-00126	10191	Th-228	1.3	0.021	0.068		10224	Th-228	1.41	0.028	0.075	
5C-00126	10191	Th-229	0.0112	0.0063	0.0034		10224	Th-229	0.0105	0.0032	0.0035	

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00126	10191	Th-230	1.09	0.003	0.059		10224	Th-230	1.04	0.011	0.059	
5C-00126	10191	Th-232	1.34	0.009	0.07		10224	Th-232	1.37	0.011	0.073	
5C-00126	10191	Th-234	1.63	0.13	0.088	R	10224	Th-234	1.56	0.13	0.086	R
5C-00126	10191	Tl-208	0.522	0.015	0.02		10224	Tl-208	0.531	0.015	0.021	
5C-00126	10191	Tm-171	-4	5.2	1.6	L U	10224	Tm-171	-2.9	4.7	1.4	L U
5C-00126	10191	U-233/234	0.802	0.002	0.043		10224	U-233/U-234	0.658	0.011	0.039	
5C-00126	10191	U-235/236	0.053	0.0081	0.0081		10224	U-235/U-236	0.0321	0.011	0.0073	
5C-00126	10191	U-238	0.812	0.002	0.043		10224	U-238	0.662	0.009	0.039	
5C-00136	10208	Ac-227	0.032	0.12	0.014	U	10221	Ac-227	-0.03	0.14	0.041	U
5C-00136	10208	Ac-228	1.12	0.068	0.038		10221	Ac-228	1.22	0.085	0.045	
5C-00136	10208	Ag-108	-0.0015	0.0011	0.0003	R U	10221	Ag-108	-0.00186	0.0016	0.00049	R U
5C-00136	10208	Ag-108m	-0.0164	0.011	0.0036	R U	10221	Ag-108m	-0.02	0.017	0.0053	R U
5C-00136	10208	Am-241	-0.0013	0.007	0.0014	U	10221	Am-241	0.0024	0.0052	0.0017	
5C-00136	10208	Ba-133	-0.0068	0.014	0.0041	U R	10221	Ba-133	-0.0538	0.02	0.0068	R U
5C-00136	10208	Ba-137m	0.0144	0.0078	0.0032		10221	Ba-137m	0.015	0.012	0.0051	
5C-00136	10208	Bi-212	0.956	0.11	0.069		10221	Bi-212	1.07	0.14	0.08	
5C-00136	10208	Bi-214	0.782	0.019	0.027		10221	Bi-214	0.898	0.028	0.033	
5C-00136	10208	Cd-113m	2.6	32	9.7	U	10221	Cd-113m	10	42	13	U
5C-00136	10208	Cf-249	0.0049	0.05	0.0027	U R	10221	Cf-249	0.035	0.064	0.02	R
5C-00136	10208	Cm-243/244	0.0006	0.0017	0.0006	U	10221	Cm-243/Cm-244	-0.0024	0.0083	0.002	U
5C-00136	10208	Cm-245/246	0.0013	0.004	0.0012	U	10221	Cm-245/Cm-246	0.00158	0.0029	0.00099	K
5C-00136	10208	Cm-247/248	0	0.0031	0.0006	U	10221	Cm-247/Cm-248	0.00039	0.0011	0.00039	U J
5C-00136	10208	Co-60	0.0001	0.013	0.0012	U	10221	Co-60	-0.0081	0.018	0.0056	U

Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00136	10208	Cs-134	0.0056	0.038	0.0055	U	10221	Cs-134	0.0102	0.057	0.0038	U
5C-00136	10208	Cs-137	0.0152	0.0082	0.0034		10221	Cs-137	0.0158	0.012	0.0054	
5C-00136	10208	Eu-152	0.0144	0.031	0.0076	U	10221	Eu-152	-0.008	0.041	0.012	U
5C-00136	10208	Eu-154	-0.037	0.074	0.023	U	10221	Eu-154	0.001	0.08	0.024	U
5C-00136	10208	Eu-155	0.086	0.03	0.013	S K	10221	Eu-155	0.082	0.037	0.015	S K
5C-00136	10208	Ho-166m	0.0076	0.018	0.0037	U	10221	Ho-166m	0.0095	0.026	0.0073	U
5C-00136	10208	K-40	18.1	0.12	0.54		10221	K-40	18.5	0.16	0.57	
5C-00136	10208	Na-22	0.002	0.016	0.0048	U	10221	Na-22	-0.0012	0.029	0.0085	U
5C-00136	10208	Nb-94	0.0039	0.01	0.0023	U	10221	Nb-94	0.0017	0.015	0.0029	U
5C-00136	10208	Np-236	0.0041	0.02	0.0059	U	10221	Np-236	-0.0042	0.03	0.0092	U
5C-00136	10208	Np-239	0.003	0.07	0.021	U	10221	Np-239	0.0004	0.07	0.021	U
5C-00136	10208	Pa-231	0.019	0.47	0.022	U	10221	Pa-231	-0.07	0.6	0.18	U
5C-00136	10208	Pb-212	1.52	0.02	0.061		10221	Pb-212	1.45	0.028	0.045	
5C-00136	10208	Pb-214	0.878	0.019	0.029		10221	Pb-214	0.931	0.029	0.04	
5C-00136	10208	Pu-236	0.002	0.0095	0.0028	U	10221	Pu-236	0	0.0062	0.0016	U
5C-00136	10208	Pu-238	0.0016	0.003	0.001		10221	Pu-238	-0.0008	0.0054	0.0013	U
5C-00136	10208	Pu-239/240	0	0.0043	0.001	U	10221	Pu-239/Pu-240	-0.00041	0.003	0.00046	U
5C-00136	10208	Pu-244	0.002	0.0011	0.0009		10221	Pu-244	0.0033	0.003	0.0013	
5C-00136	10208	Rn-220	1.24	0.02	0.092		10221	Rn-220	1.26	0.028	0.092	
5C-00136	10208	Rn-222	0.83	0.019	0.039		10221	Rn-222	0.915	0.028	0.052	
5C-00136	10208	Sb-125	0.1	0.033	0.008	S K	10221	Sb-125	0.127	0.045	0.01	S K
5C-00136	10208	Sn-126	0.0173	0.0099	0.0049		10221	Sn-126	0.003	0.017	0.005	U
5C-00136	10208	Sr-90	-0.041	0.05	0.013	R U	10221	Sr-90	-0.016	0.049	0.014	U

**Table A.3
Parent and Field Duplicate Results Summary
Subarea 5C, Round 1**

Location Name	Parent Sample						Field Duplicate Sample					
	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag	Field Sample ID	Analyte Name	Activity	MDC	TPU	Flag
5C-00136	10208	Te-125m	0.0231	0.0076	0.0018	S K	10221	Te-125m	0.0293	0.01	0.0024	S K
5C-00136	10208	Th-228	1.22	0.01	0.06		10221	Th-228	1.27	0.008	0.062	
5C-00136	10208	Th-229	0.0015	0.0055	0.0016	U	10221	Th-229	0.0075	0.0064	0.0027	
5C-00136	10208	Th-230	0.873	0.007	0.045		10221	Th-230	0.806	0.002	0.042	
5C-00136	10208	Th-232	1.16	0.006	0.057		10221	Th-232	1.16	0.002	0.057	
5C-00136	10208	Th-234	1.29	0.13	0.073	R	10221	Th-234	0.23	0.24	0.031	R
5C-00136	10208	Tl-208	0.44	0.015	0.016		10221	Tl-208	0.514	0.019	0.02	
5C-00136	10208	Tm-171	-4.7	4.4	1.4	R U	10221	Tm-171	0.4	5.4	1.6	U
5C-00136	10208	U-233/234	0.703	0.0009	0.033		10221	U-233/U-234	0.702	0.003	0.033	
5C-00136	10208	U-235/236	0.0271	0.0011	0.0035		10221	U-235/U-236	0.0273	0.0032	0.0037	
5C-00136	10208	U-238	0.693	0.002	0.033		10221	U-238	0.676	0.001	0.032	

Notes:

Reporting units in pCi/g.

ID - identification

MDC - minimum detectable concentration

pCi/g - picocuries per gram

TPU - total propagated uncertainty

B - Analyte present, but not detected substantially above the level reported in laboratory or field blanks.

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.

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

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

Table A.4
Rinsate and Source Comparison Summary
Subarea 5C, Round 1

Sample Type	Sample ID	H-3			Th-231			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0001	-45	160	47	0.0024	0.0065	0.0024	-0.01	0.022	0.0051	0.0024	0.0065	0.0024	0.0027	0.022	0.0067
Source	S0001	-2	160	47	0.0352	0.0068	0.0095	0.0042	0.022	0.0075	0.0352	0.0068	0.0095	0.0044	0.018	0.0063
Rinsate	R0002	1520	170	98	-0.002	0.017	0.002	0.0002	0.013	0.0052	-0.002	0.017	0.002	0.0024	0.0055	0.0045
Source	S0002	70	160	48	0.0024	0.0066	0.0024	-0.0037	0.016	0.0049	0.0024	0.0066	0.0024	0.0001	0.0053	0.0039
Rinsate	R0003				0	0.0068	0.002	-0.0035	0.017	0.005	0	0.0068	0.002	-0.0017	0.0054	0.0035
Source	S0003				0.0024	0.0065	0.0024	-0.0003	0.013	0.005	0.0024	0.0065	0.0024	0.002	0.0052	0.0043
Rinsate	R0004				-0.002	0.017	0.002	-0.0035	0.017	0.0051	-0.002	0.017	0.002	0.0004	0.0055	0.004
Source	S0004				-0.002	0.017	0.002	0.0081	0.0055	0.0062	-0.002	0.017	0.002	-0.0011	0.014	0.0044
Rinsate	R0005				0.0025	0.0069	0.0025	0.0023	0.014	0.0056	0.0025	0.0069	0.0025	0.0025	0.0055	0.0046
Source	S0005				0	0.0067	0.002	-0.0032	0.026	0.0072	0	0.0067	0.002	-0.0053	0.021	0.0051
Rinsate	R0006				-0.0039	0.02	0.0028	0.0042	0.016	0.0063	-0.0039	0.02	0.0028	0.0021	0.0053	0.0044
Source	S0006				0.0049	0.0067	0.0035	-0.0032	0.019	0.0056	0.0049	0.0067	0.0035	-0.0014	0.013	0.0043
Rinsate	R0007	-107	170	47	0.005	0.0067	0.0035	-0.004	0.022	0.0063	0.005	0.0067	0.0035	-0.0057	0.018	0.0044
Source	S0007	-39	160	47	-0.0058	0.023	0.0033	-0.0061	0.022	0.0058	-0.0058	0.023	0.0033	0.00005	0.018	0.0055
Rinsate	R0008	-26	160	47	0.0028	0.0077	0.0028	0.0038	0.015	0.0063	0.0028	0.0077	0.0028	-0.0004	0.015	0.0049
Source	S0008	-33	160	47	0.0028	0.0076	0.0028	-0.0022	0.022	0.0063	0.0028	0.0076	0.0028	0.0018	0.015	0.0053
Rinsate	R0009				-0.002	0.017	0.002	-0.0038	0.014	0.0044	-0.002	0.017	0.002	0.0025	0.0055	0.0046
Source	S0009				0	0.0073	0.0022	-0.0082	0.021	0.0052	0	0.0073	0.0022	0.0075	0.019	0.007
Rinsate	R0010				0	0.0067	0.002	0.0036	0.0054	0.0053	0	0.0067	0.002	-0.0017	0.0054	0.0035
Source	S0010				0.0005	0.016	0.003	-0.0043	0.021	0.006	0.0005	0.016	0.003	0.0063	0.021	0.0071
Rinsate	R0011				0	0.0076	0.0023	0.0195	0.024	0.0099	0	0.0076	0.0023	-0.009	0.025	0.0054
Source	S0011				0.0041	0.011	0.0041	0.0058	0.031	0.0098	0.0041	0.011	0.0041	1.65	0.025	0.1
Rinsate	R0012				0.0027	0.0072	0.0027	0.0008	0.023	0.0073	0.0027	0.0072	0.0027	-0.0068	0.024	0.0056
Source	S0012				-0.0021	0.018	0.0021	-0.0078	0.023	0.0058	-0.0021	0.018	0.0021	0.0156	0.019	0.0081
Rinsate	R0013				0.005	0.0068	0.0036	-0.0015	0.017	0.0055	0.005	0.0068	0.0036	0.0004	0.0055	0.004
Source	S0013				0.003	0.0081	0.003	0.0124	0.02	0.0085	0.003	0.0081	0.003	0.0068	0.0065	0.0059
Rinsate	R0014				-0.0021	0.018	0.0021	-0.0052	0.025	0.0068	-0.0021	0.018	0.0021	-0.0055	0.019	0.0046
Source	S0014				0	0.0074	0.0022	0.0055	0.015	0.0065	0	0.0074	0.0022	0.0077	0.0059	0.0058

Table A.4
Rinsate and Source Comparison Summary
Subarea 5C, Round 1

Sample Type	Sample ID	H-3			Th-231			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0015				0.0005	0.017	0.0034	-0.0019	0.021	0.0063	0.0005	0.017	0.0034	-0.0052	0.021	0.0053
Source	S0015				0	0.008	0.0024	0.0091	0.016	0.0074	0	0.008	0.0024	-0.0029	0.0064	0.0034
Rinsate	R0016				0	0.0076	0.0022	0.0014	0.024	0.0075	0	0.0076	0.0022	-0.005	0.022	0.0055
Source	S0016				0.011	0.0074	0.0055	-0.009	0.028	0.0068	0.011	0.0074	0.0055	-0.0007	0.022	0.0063
Rinsate	R0017				0	0.0075	0.0022	0.0044	0.021	0.0074	0	0.0075	0.0022	-0.0028	0.015	0.0043
Source	S0017				0.0011	0.023	0.005	0.006	0.018	0.0071	0.0011	0.023	0.005	0.0011	0.006	0.0044
Rinsate	R0018				0.0028	0.0075	0.0028	0.0103	0.015	0.0073	0.0028	0.0075	0.0028	-0.001	0.0061	0.0039
Source	S0018				-0.0043	0.029	0.0052	0.0098	0.016	0.0076	-0.0043	0.029	0.0052	0.0021	0.0066	0.0049
Rinsate	R0019				0.0027	0.0074	0.0027	-0.0038	0.0059	0.0038	0.0027	0.0074	0.0027	0.0076	0.0059	0.0058
Source	S0019				-0.0022	0.018	0.0022	0.001	0.024	0.0074	-0.0022	0.018	0.0022	-0.0068	0.024	0.0057
Rinsate	R0020				0.0028	0.0077	0.0028	-0.0053	0.024	0.0065	0.0028	0.0077	0.0028	0.0042	0.023	0.0072
Source	S0020				-0.0021	0.017	0.0021	0.0005	0.014	0.0054	-0.0021	0.017	0.0021	-0.0014	0.0056	0.0036
Rinsate	R0021				0.0025	0.0068	0.0025	-0.0043	0.02	0.0058	0.0025	0.0068	0.0025	0.0028	0.021	0.0065
Source	S0021				0.0025	0.0069	0.0025	-0.0002	0.0055	0.0046	0.0025	0.0069	0.0025	-0.0008	0.017	0.0051
Rinsate	R0022				0.005	0.0067	0.0035	0.0077	0.0054	0.006	0.005	0.0067	0.0035	-0.0049	0.017	0.0041
Source	S0022				0.0005	0.016	0.0031	-0.0021	0.013	0.0046	0.0005	0.016	0.0031	-0.0014	0.013	0.0042
Rinsate	R0023				0	0.0066	0.0019	-0.0006	0.0053	0.0044	0	0.0066	0.0019	0.0001	0.0053	0.0039
Source	S0023				0.003	0.017	0.0041	0.0138	0.0055	0.007	0.003	0.017	0.0041	-0.0033	0.013	0.0038
Rinsate	R0024				0.0005	0.016	0.0031	0.0034	0.0053	0.0052	0.0005	0.016	0.0031	0.0041	0.0053	0.0048
Source	S0024				0.0025	0.0069	0.0025	0.004	0.0055	0.0054	0.0025	0.0069	0.0025	-0.0015	0.0055	0.0035
Rinsate	R0025				0.0026	0.007	0.0026	0.00001	0.0056	0.0046	0.0026	0.007	0.0026	0.0031	0.014	0.0053
Source	S0025				0	0.0067	0.002	-0.006	0.022	0.0059	0	0.0067	0.002	-0.0077	0.018	0.0039
Rinsate	R0026				0	0.0066	0.002	0.0034	0.0053	0.0052	0	0.0066	0.002	0.0002	0.0053	0.0039
Source	S0026				0.0024	0.0065	0.0024	0.0036	0.013	0.0057	0.0024	0.0065	0.0024	0.0058	0.0052	0.0051
Rinsate	R0027				0.0029	0.016	0.004	-0.0006	0.0053	0.0044	0.0029	0.016	0.004	0.0041	0.0053	0.0048
Source	S0027				0.0026	0.0069	0.0026	0.0065	0.023	0.0079	0.0026	0.0069	0.0026	-0.0056	0.019	0.0045
Rinsate	R0028				0	0.0062	0.0018	-0.0015	0.025	0.0074	0	0.0062	0.0018	-0.004	0.017	0.0046
Source	S0028				0.0025	0.0067	0.0025	0.0063	0.016	0.0066	0.0025	0.0067	0.0025	-0.0014	0.013	0.0043

Table A.4
Rinsate and Source Comparison Summary
Subarea 5C, Round 1

Sample Type	Sample ID	H-3			Th-231			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0029				0.0005	0.016	0.003	0.0051	0.013	0.0058	0.0005	0.016	0.003	0.0002	0.012	0.0045
Source	S0029				0.0026	0.0071	0.0026	-0.0078	0.023	0.0058	0.0026	0.0071	0.0026	0.002	0.025	0.0075
Rinsate	R0030				0	0.01	0.0031	0.01	0.037	0.012	0	0.01	0.0031	-0.0077	0.024	0.0049
Source	S0030				0	0.0068	0.002	0.0097	0.0054	0.0064	0	0.0068	0.002	-0.0021	0.021	0.0059
Rinsate	R0031				0.0026	0.0071	0.0026	-0.0049	0.02	0.0055	0.0026	0.0071	0.0026	-0.001	0.014	0.0045
Source	S0031				0.0054	0.0073	0.0038	-0.0026	0.021	0.0061	0.0054	0.0073	0.0038	0.0014	0.014	0.0051
Rinsate	R0032	86	120	38	-0.0015	0.021	0.0038	-0.0014	0.017	0.0055	-0.0015	0.021	0.0038	-0.0016	0.0055	0.0035
Source	S0032	79	130	40	0	0.007	0.0021	-0.0016	0.014	0.0049	0	0.007	0.0021	0.0027	0.0056	0.0046
Rinsate	R0033				-0.0034	0.023	0.0042	-0.006	0.022	0.0059	-0.0034	0.023	0.0042	0.0061	0.018	0.0065
Source	S0033				0.0005	0.018	0.0035	0.0009	0.014	0.0056	0.0005	0.018	0.0035	0.0018	0.018	0.0058
Rinsate	R0034	22	130	37	0.0025	0.0068	0.0025	-0.0018	0.013	0.0048	0.0025	0.0068	0.0025	-0.0032	0.013	0.0039
Source	S0034	43	120	37	0	0.0067	0.002	0.0035	0.0054	0.0052	0	0.0067	0.002	0.0042	0.0054	0.0049
Rinsate	R0035				0.0005	0.018	0.0035	-0.0056	0.024	0.0063	0.0005	0.018	0.0035	0.001	0.019	0.006
Source	S0035	39	120	37	0	0.0068	0.002	-0.0039	0.013	0.0044	0	0.0068	0.002	-0.0065	0.019	0.0045
Rinsate	R0036	32	120	37	0	0.0088	0.0026	0.0106	0.0071	0.0074	0	0.0088	0.0026	0.0007	0.017	0.0056
Source	S0036	3	120	37	0.0025	0.0068	0.0025	0.0039	0.0055	0.0054	0.0025	0.0068	0.0025	-0.0016	0.0055	0.0035
Rinsate	R0037				0.0024	0.0066	0.0024	0.0056	0.013	0.0061	0.0024	0.0066	0.0024	0.0005	0.013	0.0046
Source	S0037	47	130	38	0.0026	0.007	0.0026	0.002	0.0056	0.0051	0.0026	0.007	0.0026	-0.0011	0.014	0.0044
Rinsate	R0038	81	120	38	0.0024	0.0065	0.0024	-0.0038	0.016	0.0048	0.0024	0.0065	0.0024	-0.0019	0.0052	0.0033
Source	S0038	55	120	38	0	0.0069	0.002	-0.0042	0.0055	0.0035	0	0.0069	0.002	-0.0016	0.0055	0.0035
Rinsate	R0039	60	120	38	0.0075	0.0067	0.0043	-0.0151	0.026	0.0054	0.0075	0.0067	0.0043	0.0027	0.021	0.0065
Source	S0039	24	120	37	0.0026	0.0069	0.0026	0.0023	0.014	0.0057	0.0026	0.0069	0.0026	0.0066	0.0055	0.0054
Rinsate	R0040	74	120	38	0	0.0067	0.002	0.0024	0.016	0.0061	0	0.0067	0.002	0.0042	0.0054	0.0049
Source	S0040	39	120	37	0.0097	0.0065	0.0049	-0.0006	0.0053	0.0043	0.0097	0.0065	0.0049	0.0078	0.0052	0.0055
Rinsate	R0041				0.0024	0.0065	0.0024	0.0032	0.0053	0.0051	0.0024	0.0065	0.0024	0.0005	0.013	0.0046
Source	S0041				0.0024	0.0064	0.0024	-0.0008	0.0052	0.0043	0.0024	0.0064	0.0024	-0.0039	0.0052	0.0027
Rinsate	R0042	73	120	36	0.0025	0.0068	0.0025	-0.0111	0.026	0.0061	0.0025	0.0068	0.0025	0.0064	0.018	0.0066
Source	S0042	89	120	36	0.005	0.0067	0.0035	-0.0016	0.017	0.0054	0.005	0.0067	0.0035	0.0123	0.0054	0.0063

Table A.4
Rinsate and Source Comparison Summary
Subarea 5C, Round 1

Sample Type	Sample ID	H-3			Th-231			U-233/U-234			U-235/U-236			U-238		
		Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU	Activity	MDC	TPU
Rinsate	R0043	63	110	34	0	0.0061	0.0018	-0.0074	0.024	0.0062	0	0.0061	0.0018	-0.0077	0.017	0.0037
Source	S0043	120	110	36	0	0.0066	0.0019	0.0018	0.013	0.0054	0	0.0066	0.0019	-0.003	0.016	0.0045
Rinsate	R0044	85	120	37	0.0053	0.0071	0.0037	0.007	0.014	0.0066	0.0053	0.0071	0.0037	0.005	0.0057	0.0052
Source	S0044	62	110	35	-0.002	0.016	0.002	0.0078	0.013	0.0065	-0.002	0.016	0.002	0.0061	0.0053	0.0052
Rinsate	R0045				0.0049	0.0066	0.0034	0.0022	0.016	0.006	0.0049	0.0066	0.0034	0.0001	0.0053	0.0039
Source	S0045				0	0.0071	0.0021	0.0138	0.018	0.008	0	0.0071	0.0021	-0.0034	0.0057	0.003
Rinsate	R0046	63	120	37	0	0.0067	0.002	0.00003	0.013	0.0051	0	0.0067	0.002	-0.0037	0.0054	0.0028
Source	S0046	83	120	36	0.0005	0.017	0.0033	-0.0013	0.017	0.0055	0.0005	0.017	0.0033	0.0046	0.0055	0.005
Rinsate	R0058				-0.002	0.017	0.002	-0.0023	0.0054	0.004	-0.002	0.017	0.002	0.0007	0.013	0.0047
Source	S0058				0	0.007	0.0021	0.0087	0.014	0.0068	0	0.007	0.0021	0.0109	0.0056	0.0062
Rinsate	R0059				0.0028	0.0075	0.0028	-0.0055	0.024	0.0064	0.0028	0.0075	0.0028	-0.005	0.022	0.0055
Source	S0059				0.0074	0.0067	0.0043	0.0083	0.016	0.007	0.0074	0.0067	0.0043	0.0003	0.0054	0.004
Rinsate	R0102				-0.0041	0.021	0.0029	-0.0054	0.025	0.0066	-0.0041	0.021	0.0029	-0.0056	0.019	0.0045
Source	S0102				0.0026	0.007	0.0026	0.0025	0.014	0.0057	0.0026	0.007	0.0026	-0.0015	0.0056	0.0036
Rinsate	R0105				0	0.0067	0.002	-0.0013	0.019	0.0059	0	0.0067	0.002	-0.0014	0.013	0.0043
Source	S0105				0.0025	0.0067	0.0025	-0.0111	0.025	0.006	0.0025	0.0067	0.0025	-0.0013	0.02	0.0058

Notes:

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

Reporting units in pCi/L.

H-3 - tritium

MDC - minimum detectable concentration

pCi/L - picocuries per liter

Th - thorium

U - uranium

ATTACHMENT 2

Boring Logs

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

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