30 01 0406170060

BWX Technologies, Inc.
a McDermott company

BWXT of Ohio, Inc.
1 Mound Road
P.O. Box 3030
Miamisburg, Ohio 45343-3030
(937) 865-4020

ER-244/02
September 25, 2002

Mr. Richard B. Provencher, Director
Miamisburg Closure Project
U. S. Department of Energy
P. O. Box 66
Miamisburg, OH 45343-0066

ATTENTION: Robert S. Rothman

SUBJECT: Contract No. DE-AC24-97OH20044
PRS 276 OSC REPORT, FINAL

REFERENCE: Statement of Work Requirement C.7.1e - Regulator Reports

Dear Mr. Provencher:

Rob Rothman from your office has approved the release of the following documents:

- PRS 276 OSC Report, Final
- Response to OEPA Comments on Draft PRS 276 OSC Report

USEPA had no comments on the draft document. The response to OEPA's comment on the draft document is attached and the response incorporated into the final document. Submittal of OSC Reports to the Public Reading Room is the last step in the documentation process for Removal Actions. OSC Reports are submitted as final documents to the Public Reading Room for informational purposes and to close out actions prescribed in the associated Action Memorandum. This correspondence documents the distribution based on agreements in the Federal Facilities Agreement. If you or members of your staff have any questions regarding the document, or if additional support is needed, please contact Dave Rakel at extension 4203.

Sincerely,

Monte A. Williams
Project Manager, Environmental Restoration

MAW/KMA:kma

Enclosures

cc: Tim Fischer, USEPA, (1) w/attachments
Brian Nickel, OEPA, (1) w/attachments
Ruth Vandegrift, ODH, (1) w/attachments
Paul Lucas, DOE/MCP, (1) w/attachments
Randy Tormey, (1) w/attachments
K. Gunkle/Admin. Record (2) & Public reading Room (5) w/attachments
J. D. Bonfiglio, MESH, (1) w/attachments
Dave Rakel, BWXT of Ohio, (1) w/attachments
Karen Arthur, BWXT of Ohio, (1) w/attachments
Monte Williams, BWXT of Ohio, (2) w/attachment
DCC

Response to Comments

from OEPA
on PRS 276 OSC Report, Draft, June 2001

Comment 1. Page 1, Section 1.3 Objectives : Please indicate in the cleanup objective paragraph that the cleanup levels reflect the 10^{-5} risk level plus any background value.

Response 1. Per agreement, we added "(generally $1x10^{-5}$ Risk-Based Guideline Value plus background)" in Section 1.3, second paragraph, second sentence following "cleanup objective".

PRS 276
REMOVAL ACTION

OSC REPORT

Mound Plant
Miamisburg, Ohio

September 2002

Final

Department of Energy

BWXT of Ohio, Inc.

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Acronyms

DOE	Department of Energy
MEMP	Miamisburg Environmental Management Project
OEPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator Report
PRS	Potential Release Site
SST	Salt Storage Shed
USEPA	United States Environmental Protection Agency

RECOMMENDATION

The Potential Release Site (PRS) 276 Removal Action was performed at a soils location 300 feet northeast of Building 21 (which has since been demolished) on the south end of the Mound Plant in the city of Miamisburg, Ohio. This removal action resulted in the excavation and disposal of approximately 39,000 cubic feet (1,444 cubic yards) of material. All material was shipped via railcar to the Envirocare disposal facility. The cleanup objectives for the Contaminants of Concern were: Cs-137 (3.8 pCi/g), Pu-238 (55 pCi/g), Pb-210 (7.4 pCi/g), Co-60 (0.7 pCi/g), Ra-226 (2.9 pCi/g), Th-232 (2.1 pCi/g), Bi-207 (1.2 pCi/g), and Bi-210m (8.3 pCi/g). All verification and preverification sample results were below cleanup objectives.

9/17/02

Rob Rothman, OSC
U.S. Department of Energy
Miamisburg, Ohio

9/10/02

Tim Fischer
USEPA
Chicago, Illinois

9/18/02

Brian Nickel
OEPA
Dayton, Ohio

1.0 SUMMARY OF EVENTS

This section describes the site background and events leading up to the removal action, parties involved in responding to the removal action, cleanup objective determination, chronological narrative of the removal action, and resources committed to complete the project.

1.1 Site Conditions and Background

PRS 276 is a soils location just north of the Salt Storage Shed (SST) as shown on Figure 1 and is known as Area 22. PRS 276 has the approximate dimensions of 260 feet by 160 feet. This area consisted of many piles of soil (see Photo 1) excavated from other areas at Mound Plant, including Area 20 (PRS 153). It is also called the "orphan soils" area because it was created when construction projects did not have funding for disposal of unexpected contaminated soil. The soil was placed at PRS 276 while waiting for funding. PRS 276 was not part of the original compilation of radioactively contaminated areas but was identified by the initial gamma surveys conducted when the Site Survey Project began.

1.2 Organization of the Removal Action

Table 1 lists the parties responding to the removal action, and their responsibilities.

1.3 Objectives

Documentation Objective. The objective of this On-Scene Coordinator (OSC) Report is to describe the removal action fieldwork, items identified for continual improvement, and document successful completion of the project. Material quantities and disposition locations are presented in Table 2. The cost breakdown of the removal action is presented in Table 3.

Cleanup Objective. The cleanup objectives for the Contaminants of Concern are: Cs-137 (3.8 pCi/g), Pu-238 (55 pCi/g), Pb-210 (7.4 pCi/g), Co-60 (0.7 pCi/g), Ra-226 (2.9 pCi/g), Th-232 (2.1 pCi/g), Bi-207 (1.2 pCi/g), and Bi-210m (8.3 pCi/g). All verification and preverification sample results were below cleanup objectives (generally $1x10^{-5}$ Risk-Based Guideline Value plus background) and are presented in Table 4.

1.4 Chronological Narrative of the Removal Action

The following is a chronological narrative of events surrounding the PRS 276 removal action.

1985	Soil contaminated with polonium-210 from a waste line break west of the HH Building and from other sites was deposited at PRS 276 in 1985.
1988	The1988 Radiological Site Survey found soils contaminated with low levels of plutonium-238, cesium-137, radium-226, and an elevated concentration of cobalt-60.

June 1995	PRS 276 binned Further Assessment by the Core Team.
July 1999	Further Assessment versus removal "cost comparison" accomplished. Core Team recommends a Response Action as more cost effective. Public Review: October 13, 1999 – November 13, 1999
Feb 2000	Potential Release Site 276 Data Package becomes final.
Aug 2001	PRS 276 Job Specific Work Plan approved final.
Sept 2001	Action Memorandum for Contaminated Soils issued for public review.
09 Sept 2001	PRS 276 excavation begins. Photo 2 depicts excavation activities.
Sept-Oct	Following removal of piles, FIDLER surveys and preliminary sampling was conducted. All elevated FIDLER reading areas and elevated sample result locations were removed.
10 Oct 2001	Excavation complete.
3 & 10 Oct 2001	Preverification sampling conducted at locations shown on Figure 2. Per the VSAP, this data will be reported in the Data Report and included in final evaluation of the PRS. All preverification results by Mound gamma spec lab were below cleanup objectives. Preverification results are presented in Table 4 and identified with a C-Fig 2 Project Code.
Nov 2001	Standard Work Package for Contingent Removal Actions issued Final.
Jan 2002	PRS 276 Verification Sampling and Analysis Plan was approved final.
21 Jan 2002	Verification sampling begins.
24 Jan 2002	Verification sampling completed. Verification results are presented in Table 4 and identified with a V-Fig 3 Project Code on Figure 3. Figure 4 overlays preverification and verification sample locations.
June 2002	PRS 276 site restoration was performed. (graded, seeded, and straw applied).
June 2002	OSC Report generated.

2.0 EFFECTIVENESS OF THE REMOVAL ACTION

Verification and preverification sample results are presented in Table 4. All results are below cleanup objectives. Required validation was performed on sample results from offsite laboratories.

2.1 Actions Taken by Mound Personnel

Mound Soils Project and onsite personnel planned, performed oversight, and performed the excavation, monitoring, sampling and analyses, and transportation of contaminated soil and debris to the designated onsite soil staging area. There were no public media documents generated for this removal action. Photographic documentation is presented in Appendix C to this OSC Report.

2.2 Actions Taken by Local, State, and Federal Agencies

The Department of Energy/Miamisburg Environmental Management Project (DOE/MEMP), the United States Environmental Protection Agency (USEPA), and the Ohio Environmental Protection Agency (OEPA) had oversight responsibility for the removal action.

2.3 Actions Taken by Subcontractors

Subcontractors involved in the project included the following:

- Roy F. Weston, Inc performed sample technician, laboratory liaison, and data validation support
- Quality Water Systems cored concrete storage pad to enable sampling
- Envirocare (disposal facility) received waste via rail transport

3.0 DIFFICULTIES ENCOUNTERED

3.1 Items that Affect the Removal Action

No difficulties were encountered during the removal.

3.2 Issues of Intergovernmental Coordination

All DOE/OEPA/USEPA interactions were very good. The agencies were updated at Core Team meetings and the Mound 2000 process worked well. Splitting of samples with OEPA went well.

4.0 RECOMMENDATIONS

4.1 Means to Prevent a Recurrence

The waste was removed and therefore recurrence of a spill or leak, or spread of contamination is prevented. Recurrence will be prevented as it is no longer an accepted practice of the industry to stage contaminated material. This area will be transferred from federal to private ownership. All State and Federal disposal rules will apply.

APPENDIX A

FIGURES

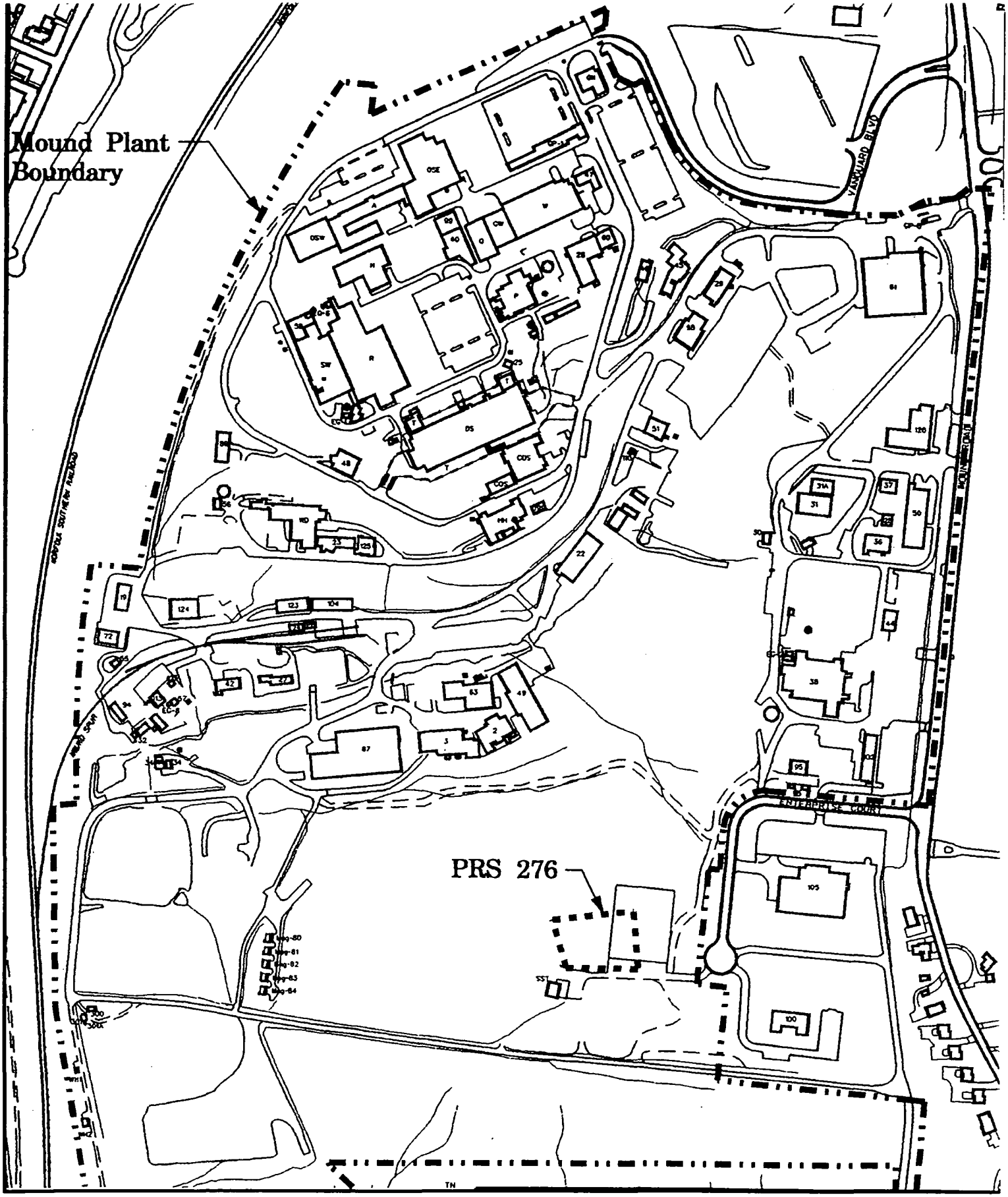
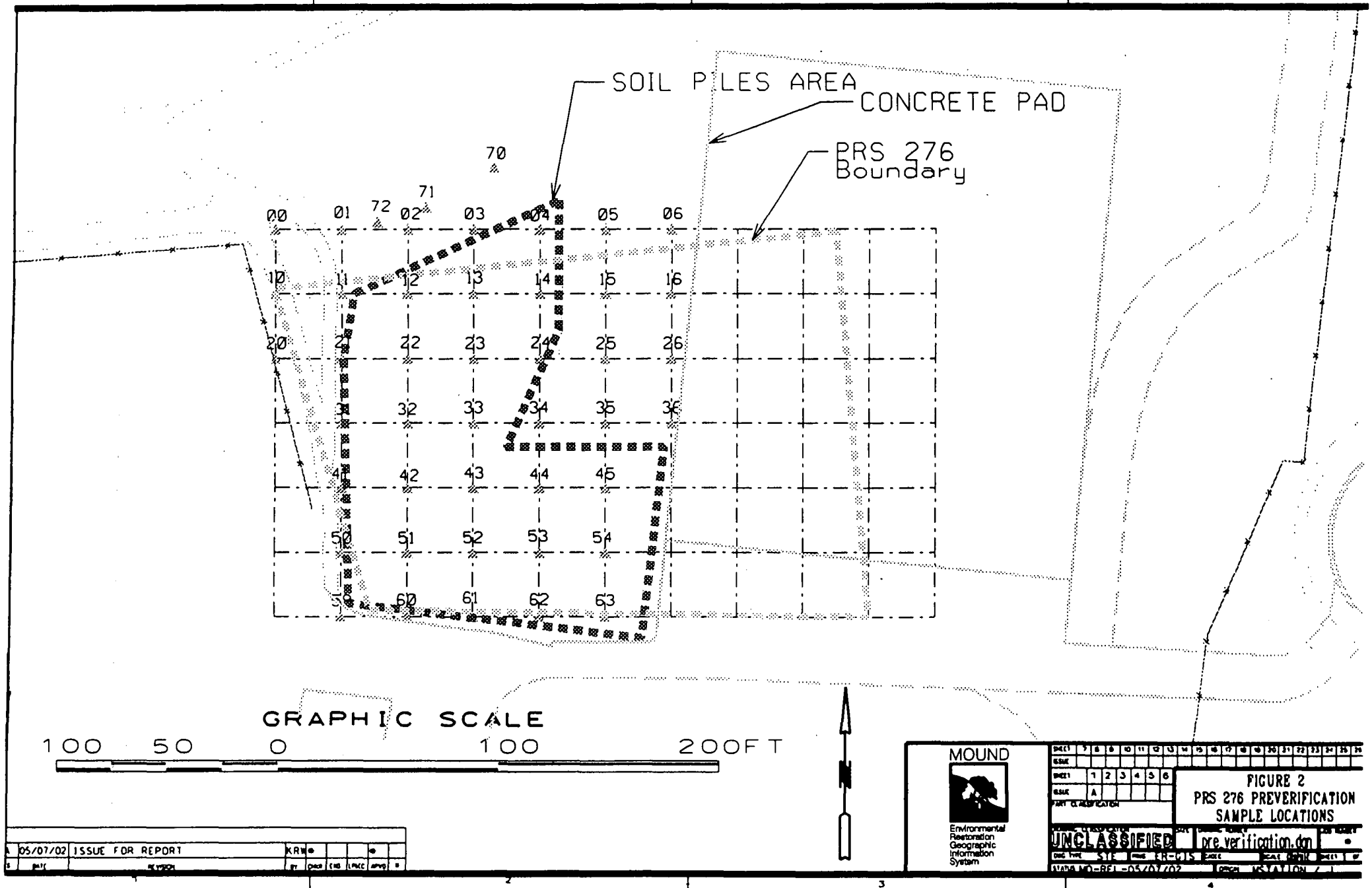


Figure 1: Location of PRS 276


SOIL PILES AREA
CONCRETE PAD
PRS 276 Boundary
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72
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GRAPHIC SCALE
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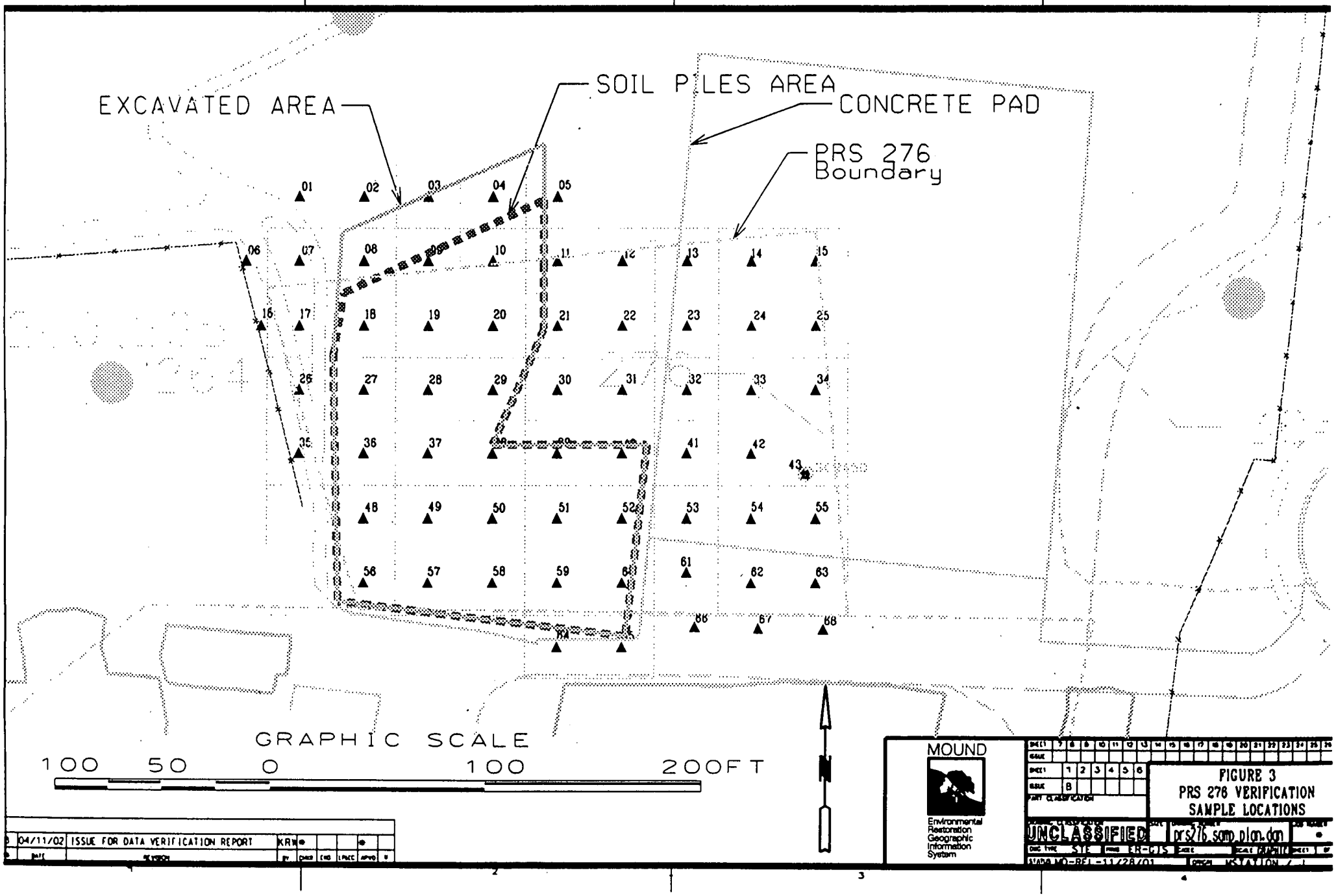
MOUND
Environmental Restoration Geographic Information System
UNCLASSIFIED
FIGURE 2
PRS 276 PREVERIFICATION SAMPLE LOCATIONS
pre_verification.dgn
05/07/02 ISSUE FOR REPORT KRW


EXCAVATED AREA
SOIL PILES AREA
CONCRETE PAD
PRS 276 Boundary
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GRAPHIC SCALE
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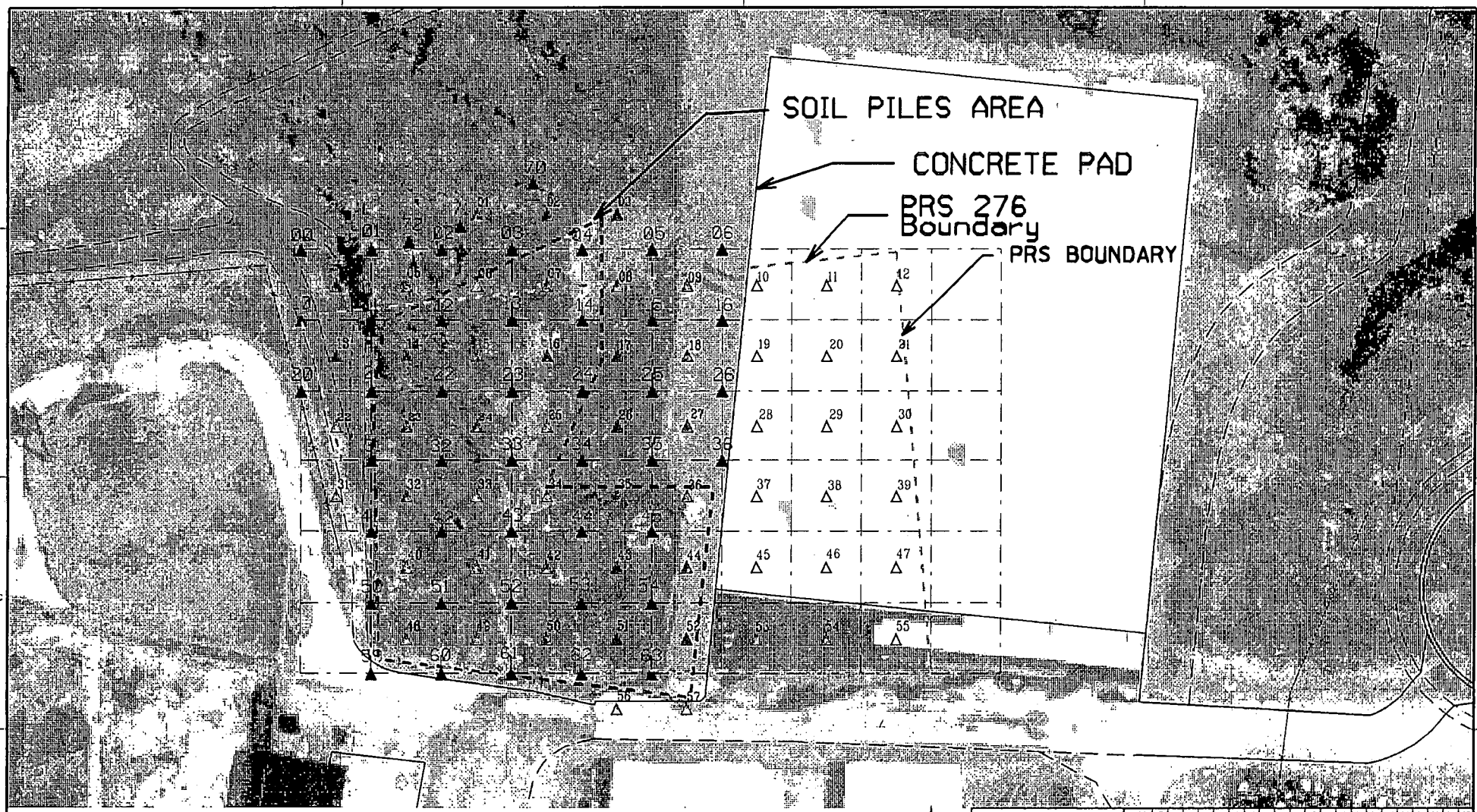
MOUND
Environmental Restoration Geographic Information System
FIGURE 3
PRS 276 VERIFICATION SAMPLE LOCATIONS
UNCLASSIFIED
prs276_samp_plan.dgn
04/11/02
ISSUE FOR DATA VERIFICATION REPORT
KRW



GRAPHIC SCALE

100 50 0 100FT

LEGEND

△ VERIFICATION SAMPLES

▲ PREVERIFICATION SAMPLES

ISS	DATE	REVISION	BY	CHKR	ENG	LFLEC	APVD	M
A	05/18/02	ISSUE FOR OSC REPORT	KRW	*			*	

MOUND

Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

SHEET	1	2	3	4	5	6
ISSUE	A					

PART CLASSIFICATION

FIGURE 4
1994 AERIAL PHOTO WITH SAMPLE LOCATIONS

DRAWING CLASSIFICATION: UNCLASSIFIED | SIZE | DRAWING NUMBER: fig1_osc_report.dgn | JOB NUMBER: *

DWG TYPE: STE | PRJG: ER-GIS | CADEC | SCALE: GRAPHIC | SHEET 1 OF 1

STATUS: MD-REL-05/18/02 | ORIGIN: MSTATION / J

APPENDIX B

TABLES

Table 1: Organization of the Removal Action

USEPA SFR-5J 77 W. Jackson Street Chicago, IL 60604 312-353-2000	Tim Fischer	Federal agency responsible for oversight
OEPA 401 E. Fifth Street Dayton, OH 45402-2911 937-285-6357	Brian Nickel	State agency responsible for oversight
DOE-MEMP P.O. Box 66 1 Mound Road Miamisburg, OH 45343-0066 937-865-3597	Rob Rothman	OSC responsible for oversight and success
BWXT of Ohio Environmental Restoration Project 1 Mound Road Miamisburg, OH 45343-3030 937-865-4543	Monte Williams	Provide OSC with technical assistance, administrative support, field oversight, sample management, site safety, photo, site documentation, and preparation of the OSC Report

Table 2: Materials and Disposition

Type of Material	Quantity	Disposal Method	Disposal Location
contaminated soil	39,000 cubic feet	Rail transport	Envirocare

Table 3: Removal Cost

Extramural Costs	Cost
Fieldwork	$25,000
Transportation of Contaminated Soil	$166,000
Disposal of Contaminated Soil	$212,000
Sample Plan, Verification Sampling & Analyses, and Data Validation	$78,000
Restoration/grading/seeding	$1,000
Estimated Total Project Cost	**$482,000**

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
37	V - Fig 3	000014	Actinium-227	2.110	0.854	
07	V - Fig 3	000028	Actinium-227	1.810	0.782	
01	V - Fig 3	000041	Actinium-227	1.780	0.711	
66	V - Fig 3	000077	Actinium-227	1.760	1.080	
06	V - Fig 3	000040	Actinium-227	1.620	0.786	
11	V - Fig 3	000034	Actinium-227	1.470	0.766	
48	V - Fig 3	000010	Actinium-227	1.430	0.700	
43	V - Fig 3	000075	Actinium-227	1.410	0.889	
57	V - Fig 3	000002	Actinium-227	1.350	0.745	
03	V - Fig 3	000037	Actinium-227	1.320	0.750	
14	V - Fig 3	000053	Actinium-227	1.220	0.617	
22	V - Fig 3	000045	Actinium-227	1.190	0.696	
08	V - Fig 3	000031	Actinium-227	1.190	0.636	
55	V - Fig 3	000056	Actinium-227	1.110	0.568	
10	V - Fig 3	000033	Actinium-227	1.090	0.697	
64	V - Fig 3	000068	Actinium-227	0.890	0.610	J
39	V - Fig 3	000012	Actinium-227	0.871	0.543	J
24	V - Fig 3	000060	Actinium-227	0.838	0.734	J
31	C - Fig 2	000031	Actinium-227	0.760	0.760	U
16	V - Fig 3	000039	Actinium-227	0.712	0.583	J
05	V - Fig 3	000036	Actinium-227	0.701	0.474	J
67	V - Fig 3	000078	Actinium-227	0.683	0.585	J
09	V - Fig 3	000032	Actinium-227	0.592	0.592	U
32	V - Fig 3	000064	Actinium-227	0.554	0.511	J
17	V - Fig 3	000025	Actinium-227	0.532	0.532	U
02	C - Fig 2	000002A	Actinium-227	0.530	0.290	
28	V - Fig 3	000020	Actinium-227	0.527	0.527	U
41	V - Fig 3	000061	Actinium-227	0.521	0.521	U
54	C - Fig 2	000054	Actinium-227	0.520	0.520	U
35	V - Fig 3	000021	Actinium-227	0.511	0.511	U
27	V - Fig 3	000022	Actinium-227	0.498	0.498	U
20	V - Fig 3	000026	Actinium-227	0.494	0.494	U
25	V - Fig 3	000059	Actinium-227	0.492	0.471	J
21	V - Fig 3	000023	Actinium-227	0.489	0.489	U
59	V - Fig 3	000004	Actinium-227	0.487	0.487	U
36	V - Fig 3	000019	Actinium-227	0.487	0.487	U
30	V - Fig 3	000016	Actinium-227	0.485	0.485	U
26	V - Fig 3	000024	Actinium-227	0.485	0.485	U
31	V - Fig 3	000015	Actinium-227	0.482	0.482	U
19	V - Fig 3	000029	Actinium-227	0.477	0.477	U
38	V - Fig 3	000013	Actinium-227	0.476	0.476	U
68	V - Fig 3	000080	Actinium-227	0.472	0.472	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
04	V - Fig 3	000038	Actinium-227	0.468	0.468	U
15	V - Fig 3	000054	Actinium-227	0.467	0.467	U
51	V - Fig 3	000008	Actinium-227	0.465	0.465	U
13	V - Fig 3	000052	Actinium-227	0.463	0.463	U
02	V - Fig 3	000042	Actinium-227	0.452	0.452	U
56	V - Fig 3	000001	Actinium-227	0.451	0.451	U
12	V - Fig 3	000035	Actinium-227	0.449	0.449	U
58	V - Fig 3	000003	Actinium-227	0.444	0.444	U
18	V - Fig 3	000043	Actinium-227	0.444	0.444	U
52	V - Fig 3	000007	Actinium-227	0.432	0.432	U
53	V - Fig 3	000058	Actinium-227	0.431	0.431	U
40	V - Fig 3	000011	Actinium-227	0.430	0.430	U
60	V - Fig 3	000005	Actinium-227	0.426	0.426	U
23	V - Fig 3	000062	Actinium-227	0.409	0.409	U
12	C - Fig 2	000012A	Actinium-227	0.390	0.390	U
49	V - Fig 3	000046	Actinium-227	0.389	0.389	U
33	V - Fig 3	000065	Actinium-227	0.384	0.384	U
34	V - Fig 3	000063	Actinium-227	0.382	0.382	U
63	V - Fig 3	000072	Actinium-227	0.380	0.380	U
50	V - Fig 3	000009	Actinium-227	0.371	0.371	U
42	V - Fig 3	000050	Actinium-227	0.371	0.367	J
23	C - Fig 2	000023A	Actinium-227	0.370	0.370	U
72	C - Fig 2	000072	Actinium-227	0.370	0.370	U
62	V - Fig 3	000067	Actinium-227	0.366	0.366	U
54	V - Fig 3	000057	Actinium-227	0.353	0.353	U
11	C - Fig 2	000011A	Actinium-227	0.350	0.350	U
65	V - Fig 3	000070	Actinium-227	0.350	0.350	U
24	C - Fig 2	000024	Actinium-227	0.340	0.340	U
70	C - Fig 2	000070	Actinium-227	0.340	0.340	U
71	C - Fig 2	000071	Actinium-227	0.340	0.340	U
29	V - Fig 3	000017	Actinium-227	0.338	0.338	U
41	C - Fig 2	000041	Actinium-227	0.330	0.330	U
05	C - Fig 2	000005A	Actinium-227	0.320	0.320	U
06	C - Fig 2	000006	Actinium-227	0.320	0.320	U
22	C - Fig 2	000022A	Actinium-227	0.320	0.320	U
35	C - Fig 2	000035	Actinium-227	0.320	0.320	U
61	C - Fig 2	000061	Actinium-227	0.320	0.320	U
00	C - Fig 2	000000	Actinium-227	0.310	0.310	U
03	C - Fig 2	000003A	Actinium-227	0.310	0.310	U
20	C - Fig 2	000020	Actinium-227	0.310	0.310	U
26	C - Fig 2	000026	Actinium-227	0.300	0.300	U
34	C - Fig 2	000034	Actinium-227	0.300	0.300	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
43	C - Fig 2	000043	Actinium-227	0.300	0.300	U
61	V - Fig 3	000066	Actinium-227	0.299	0.299	U
32	C - Fig 2	000032	Actinium-227	0.290	0.290	U
50	C - Fig 2	000050	Actinium-227	0.290	0.290	U
52	C - Fig 2	000052	Actinium-227	0.290	0.290	U
62	C - Fig 2	000062	Actinium-227	0.290	0.290	U
13	C - Fig 2	000013A	Actinium-227	0.280	0.280	U
25	C - Fig 2	000025	Actinium-227	0.280	0.280	U
15	C - Fig 2	000015A	Actinium-227	0.270	0.270	U
16	C - Fig 2	000016	Actinium-227	0.270	0.270	U
04	C - Fig 2	000004A	Actinium-227	0.270	0.180	
53	C - Fig 2	000053	Actinium-227	0.269	0.260	U
33	C - Fig 2	000033	Actinium-227	0.260	0.260	U
44	C - Fig 2	000044	Actinium-227	0.260	0.260	U
51	C - Fig 2	000051	Actinium-227	0.260	0.260	U
45	C - Fig 2	000045	Actinium-227	0.250	0.250	U
42	C - Fig 2	000042	Actinium-227	0.230	0.230	U
21	C - Fig 2	000021A	Actinium-227	0.220	0.220	U
60	C - Fig 2	000060	Actinium-227	0.220	0.220	U
10	C - Fig 2	000010A	Actinium-227	0.200	0.270	U
36	C - Fig 2	000036	Actinium-227	0.190	0.190	U
59	C - Fig 2	000059	Actinium-227	0.160	0.160	U
63	C - Fig 2	000063	Actinium-227	0.160	0.160	U
01	C - Fig 2	000001A	Actinium-227	0.110	0.300	U
14	C - Fig 2	000014A	Actinium-227	0.100	0.290	U
43	V - Fig 3	000075	Americium-241	0.997	0.997	U
37	V - Fig 3	000014	Americium-241	0.981	0.981	U
24	V - Fig 3	000060	Americium-241	0.965	0.965	U
06	V - Fig 3	000040	Americium-241	0.950	0.950	U
11	V - Fig 3	000034	Americium-241	0.892	0.892	U
03	V - Fig 3	000037	Americium-241	0.889	0.889	U
07	V - Fig 3	000028	Americium-241	0.885	0.885	U
57	V - Fig 3	000002	Americium-241	0.856	0.856	U
48	V - Fig 3	000010	Americium-241	0.802	0.802	U
10	V - Fig 3	000033	Americium-241	0.789	0.789	U
22	V - Fig 3	000045	Americium-241	0.772	0.772	U
01	V - Fig 3	000041	Americium-241	0.766	0.766	U
08	V - Fig 3	000031	Americium-241	0.740	0.740	U
14	V - Fig 3	000053	Americium-241	0.739	0.739	U
67	V - Fig 3	000078	Americium-241	0.725	0.725	U
55	V - Fig 3	000056	Americium-241	0.667	0.667	U
64	V - Fig 3	000068	Americium-241	0.661	0.661	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
32	V - Fig 3	000064	Americium-241	0.636	0.636	U
66	V - Fig 3	000077	Americium-241	0.448	0.448	U
35	V - Fig 3	000021	Americium-241	0.298	0.298	U
17	V - Fig 3	000025	Americium-241	0.278	0.278	U
41	V - Fig 3	000061	Americium-241	0.273	0.273	U
56	V - Fig 3	000001	Americium-241	0.257	0.257	U
38	V - Fig 3	000013	Americium-241	0.248	0.248	U
18	V - Fig 3	000043	Americium-241	0.244	0.244	U
68	V - Fig 3	000080	Americium-241	0.243	0.243	U
53	V - Fig 3	000058	Americium-241	0.238	0.238	U
21	V - Fig 3	000023	Americium-241	0.236	0.236	U
13	V - Fig 3	000052	Americium-241	0.230	0.230	U
27	V - Fig 3	000022	Americium-241	0.227	0.227	U
36	V - Fig 3	000019	Americium-241	0.224	0.224	U
50	V - Fig 3	000009	Americium-241	0.221	0.221	U
04	V - Fig 3	000038	Americium-241	0.220	0.220	U
20	V - Fig 3	000026	Americium-241	0.216	0.216	U
12	V - Fig 3	000035	Americium-241	0.215	0.215	U
02	V - Fig 3	000042	Americium-241	0.214	0.214	U
60	V - Fig 3	000005	Americium-241	0.212	0.212	U
31	V - Fig 3	000015	Americium-241	0.212	0.212	U
19	V - Fig 3	000029	Americium-241	0.208	0.208	U
58	V - Fig 3	000003	Americium-241	0.205	0.205	U
15	V - Fig 3	000054	Americium-241	0.205	0.205	U
52	V - Fig 3	000007	Americium-241	0.199	0.199	U
40	V - Fig 3	000011	Americium-241	0.197	0.197	U
23	V - Fig 3	000062	Americium-241	0.197	0.197	U
49	V - Fig 3	000046	Americium-241	0.188	0.188	U
65	V - Fig 3	000070	Americium-241	0.174	0.174	U
09	V - Fig 3	000032	Americium-241	0.173	0.173	U
29	V - Fig 3	000017	Americium-241	0.172	0.172	U
16	V - Fig 3	000039	Americium-241	0.168	0.168	U
54	V - Fig 3	000057	Americium-241	0.167	0.167	U
33	V - Fig 3	000065	Americium-241	0.161	0.161	U
61	V - Fig 3	000066	Americium-241	0.153	0.153	U
39	V - Fig 3	000012	Americium-241	0.152	0.152	U
28	V - Fig 3	000020	Americium-241	0.146	0.146	U
54	C - Fig 2	000054	Americium-241	0.140	0.140	U
51	V - Fig 3	000008	Americium-241	0.137	0.137	U
59	V - Fig 3	000004	Americium-241	0.134	0.134	U
30	V - Fig 3	000016	Americium-241	0.133	0.133	U
26	V - Fig 3	000024	Americium-241	0.132	0.132	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
05	V - Fig 3	000036	Americium-241	0.131	0.131	U
25	V - Fig 3	000059	Americium-241	0.130	0.130	U
02	C - Fig 2	000002A	Americium-241	0.120	0.120	U
11	C - Fig 2	000011A	Americium-241	0.110	0.110	U
34	V - Fig 3	000063	Americium-241	0.110	0.110	U
72	C - Fig 2	000072	Americium-241	0.110	0.110	U
63	V - Fig 3	000072	Americium-241	0.109	0.109	U
42	V - Fig 3	000050	Americium-241	0.101	0.101	U
13	C - Fig 2	000013A	Americium-241	0.100	0.100	U
15	C - Fig 2	000015A	Americium-241	0.100	0.100	U
22	C - Fig 2	000022A	Americium-241	0.100	0.100	U
34	C - Fig 2	000034	Americium-241	0.100	0.100	U
61	C - Fig 2	000061	Americium-241	0.100	0.100	U
62	C - Fig 2	000062	Americium-241	0.100	0.100	U
14	C - Fig 2	000014A	Americium-241	0.100	0.090	
62	V - Fig 3	000067	Americium-241	0.099	0.099	U
06	C - Fig 2	000006	Americium-241	0.090	0.090	U
12	C - Fig 2	000012A	Americium-241	0.090	0.090	U
24	C - Fig 2	000024	Americium-241	0.090	0.090	U
26	C - Fig 2	000026	Americium-241	0.090	0.090	U
43	C - Fig 2	000043	Americium-241	0.090	0.090	U
50	C - Fig 2	000050	Americium-241	0.090	0.090	U
53	C - Fig 2	000053	Americium-241	0.090	0.090	U
71	C - Fig 2	000071	Americium-241	0.090	0.090	U
00	C - Fig 2	000000	Americium-241	0.080	0.080	U
03	C - Fig 2	000003A	Americium-241	0.080	0.080	U
05	C - Fig 2	000005A	Americium-241	0.080	0.080	U
16	C - Fig 2	000016	Americium-241	0.080	0.080	U
21	C - Fig 2	000021A	Americium-241	0.080	0.080	U
23	C - Fig 2	000023A	Americium-241	0.080	0.080	U
25	C - Fig 2	000025	Americium-241	0.080	0.080	U
31	C - Fig 2	000031	Americium-241	0.080	0.080	U
33	C - Fig 2	000033	Americium-241	0.080	0.080	U
35	C - Fig 2	000035	Americium-241	0.080	0.080	U
41	C - Fig 2	000041	Americium-241	0.080	0.080	U
44	C - Fig 2	000044	Americium-241	0.080	0.080	U
45	C - Fig 2	000045	Americium-241	0.080	0.080	U
51	C - Fig 2	000051	Americium-241	0.080	0.080	U
52	C - Fig 2	000052	Americium-241	0.080	0.080	U
70	C - Fig 2	000070	Americium-241	0.080	0.080	U
20	C - Fig 2	000020	Americium-241	0.070	0.070	U
32	C - Fig 2	000032	Americium-241	0.070	0.070	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
42	C - Fig 2	000042	Americium-241	0.070	0.070	U
04	C - Fig 2	000004A	Americium-241	0.060	0.060	
36	C - Fig 2	000036	Americium-241	0.060	0.060	U
10	C - Fig 2	000010A	Americium-241	0.050	0.090	U
60	C - Fig 2	000060	Americium-241	0.050	0.050	U
63	C - Fig 2	000063	Americium-241	0.050	0.050	U
01	C - Fig 2	000001A	Americium-241	0.040	0.100	U
59	C - Fig 2	000059	Americium-241	0.040	0.040	U
66	V - Fig 3	000077	Bismuth-207	0.137	0.137	U
43	V - Fig 3	000075	Bismuth-207	0.089	0.089	U
37	V - Fig 3	000014	Bismuth-207	0.085	0.085	U
06	V - Fig 3	000040	Bismuth-207	0.084	0.084	U
03	V - Fig 3	000037	Bismuth-207	0.080	0.080	U
57	V - Fig 3	000002	Bismuth-207	0.077	0.077	U
09	V - Fig 3	000032	Bismuth-207	0.076	0.076	U
56	V - Fig 3	000001	Bismuth-207	0.075	0.075	U
17	V - Fig 3	000025	Bismuth-207	0.075	0.075	U
24	V - Fig 3	000060	Bismuth-207	0.074	0.074	U
21	V - Fig 3	000023	Bismuth-207	0.073	0.073	U
11	V - Fig 3	000034	Bismuth-207	0.073	0.073	U
07	V - Fig 3	000028	Bismuth-207	0.073	0.073	U
01	V - Fig 3	000041	Bismuth-207	0.071	0.071	U
10	V - Fig 3	000033	Bismuth-207	0.070	0.070	U
04	V - Fig 3	000038	Bismuth-207	0.070	0.070	U
13	V - Fig 3	000052	Bismuth-207	0.068	0.068	U
20	V - Fig 3	000026	Bismuth-207	0.068	0.068	U
58	V - Fig 3	000003	Bismuth-207	0.068	0.068	U
16	V - Fig 3	000039	Bismuth-207	0.068	0.068	U
53	V - Fig 3	000058	Bismuth-207	0.067	0.067	U
41	V - Fig 3	000061	Bismuth-207	0.067	0.067	U
31	V - Fig 3	000015	Bismuth-207	0.066	0.066	U
36	V - Fig 3	000019	Bismuth-207	0.066	0.066	U
38	V - Fig 3	000013	Bismuth-207	0.066	0.066	U
48	V - Fig 3	000010	Bismuth-207	0.064	0.064	U
02	V - Fig 3	000042	Bismuth-207	0.064	0.064	U
12	V - Fig 3	000035	Bismuth-207	0.064	0.064	U
19	V - Fig 3	000029	Bismuth-207	0.063	0.063	U
68	V - Fig 3	000080	Bismuth-207	0.063	0.063	U
22	V - Fig 3	000045	Bismuth-207	0.063	0.063	U
64	V - Fig 3	000068	Bismuth-207	0.063	0.063	U
67	V - Fig 3	000078	Bismuth-207	0.062	0.062	U
50	V - Fig 3	000009	Bismuth-207	0.062	0.062	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
35	V - Fig 3	000021	Bismuth-207	0.062	0.062	U
28	V - Fig 3	000020	Bismuth-207	0.061	0.061	U
52	V - Fig 3	000007	Bismuth-207	0.060	0.060	U
39	V - Fig 3	000012	Bismuth-207	0.059	0.059	U
27	V - Fig 3	000022	Bismuth-207	0.059	0.059	U
59	V - Fig 3	000004	Bismuth-207	0.058	0.058	U
55	V - Fig 3	000056	Bismuth-207	0.058	0.058	U
15	V - Fig 3	000054	Bismuth-207	0.057	0.057	U
49	V - Fig 3	000046	Bismuth-207	0.057	0.057	U
14	V - Fig 3	000053	Bismuth-207	0.056	0.056	U
32	V - Fig 3	000064	Bismuth-207	0.056	0.056	U
29	V - Fig 3	000017	Bismuth-207	0.055	0.055	U
08	V - Fig 3	000031	Bismuth-207	0.054	0.054	U
33	V - Fig 3	000065	Bismuth-207	0.054	0.054	U
25	V - Fig 3	000059	Bismuth-207	0.054	0.054	U
18	V - Fig 3	000043	Bismuth-207	0.053	0.053	U
51	V - Fig 3	000008	Bismuth-207	0.053	0.053	U
54	V - Fig 3	000057	Bismuth-207	0.052	0.052	U
40	V - Fig 3	000011	Bismuth-207	0.052	0.052	U
26	V - Fig 3	000024	Bismuth-207	0.051	0.051	U
65	V - Fig 3	000070	Bismuth-207	0.051	0.051	U
23	V - Fig 3	000062	Bismuth-207	0.051	0.051	U
60	V - Fig 3	000005	Bismuth-207	0.050	0.050	U
05	V - Fig 3	000036	Bismuth-207	0.050	0.050	U
30	V - Fig 3	000016	Bismuth-207	0.049	0.049	U
62	V - Fig 3	000067	Bismuth-207	0.047	0.047	U
34	V - Fig 3	000063	Bismuth-207	0.046	0.046	U
63	V - Fig 3	000072	Bismuth-207	0.045	0.045	U
42	V - Fig 3	000050	Bismuth-207	0.044	0.044	U
61	V - Fig 3	000066	Bismuth-207	0.037	0.037	U
50	V - Fig 3	000009	Bismuth-210M	0.267	0.091	J
58	V - Fig 3	000003	Bismuth-210M	0.245	0.099	J
66	V - Fig 3	000077	Bismuth-210M	0.186	0.186	U
56	V - Fig 3	000001	Bismuth-210M	0.141	0.104	J
57	V - Fig 3	000002	Bismuth-210M	0.129	0.129	U
03	V - Fig 3	000037	Bismuth-210M	0.127	0.127	U
06	V - Fig 3	000040	Bismuth-210M	0.127	0.127	U
43	V - Fig 3	000075	Bismuth-210M	0.127	0.127	U
37	V - Fig 3	000014	Bismuth-210M	0.124	0.124	U
07	V - Fig 3	000028	Bismuth-210M	0.121	0.121	U
11	V - Fig 3	000034	Bismuth-210M	0.121	0.121	U
01	V - Fig 3	000041	Bismuth-210M	0.118	0.118	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
24	V - Fig 3	000060	Bismuth-210M	0.117	0.117	U
10	V - Fig 3	000033	Bismuth-210M	0.113	0.113	U
16	V - Fig 3	000039	Bismuth-210M	0.112	0.112	U
09	V - Fig 3	000032	Bismuth-210M	0.111	0.111	U
41	V - Fig 3	000061	Bismuth-210M	0.111	0.111	U
48	V - Fig 3	000010	Bismuth-210M	0.109	0.109	U
22	V - Fig 3	000045	Bismuth-210M	0.109	0.109	U
35	V - Fig 3	000021	Bismuth-210M	0.104	0.104	U
14	V - Fig 3	000053	Bismuth-210M	0.104	0.104	U
17	V - Fig 3	000025	Bismuth-210M	0.102	0.102	U
67	V - Fig 3	000078	Bismuth-210M	0.100	0.100	U
08	V - Fig 3	000031	Bismuth-210M	0.099	0.099	U
20	V - Fig 3	000026	Bismuth-210M	0.099	0.099	U
21	V - Fig 3	000023	Bismuth-210M	0.095	0.095	U
38	V - Fig 3	000013	Bismuth-210M	0.095	0.095	U
36	V - Fig 3	000019	Bismuth-210M	0.095	0.095	U
12	V - Fig 3	000035	Bismuth-210M	0.094	0.094	U
13	V - Fig 3	000052	Bismuth-210M	0.094	0.094	U
28	V - Fig 3	000020	Bismuth-210M	0.094	0.094	U
30	V - Fig 3	000016	Bismuth-210M	0.093	0.093	U
31	V - Fig 3	000015	Bismuth-210M	0.093	0.093	U
55	V - Fig 3	000056	Bismuth-210M	0.093	0.093	U
59	V - Fig 3	000004	Bismuth-210M	0.092	0.092	U
04	V - Fig 3	000038	Bismuth-210M	0.092	0.092	U
25	V - Fig 3	000059	Bismuth-210M	0.092	0.092	U
52	V - Fig 3	000007	Bismuth-210M	0.091	0.091	U
02	V - Fig 3	000042	Bismuth-210M	0.091	0.091	U
27	V - Fig 3	000022	Bismuth-210M	0.090	0.090	U
15	V - Fig 3	000054	Bismuth-210M	0.090	0.090	U
19	V - Fig 3	000029	Bismuth-210M	0.089	0.089	U
39	V - Fig 3	000012	Bismuth-210M	0.089	0.089	U
68	V - Fig 3	000080	Bismuth-210M	0.089	0.089	U
40	V - Fig 3	000011	Bismuth-210M	0.088	0.088	U
64	V - Fig 3	000068	Bismuth-210M	0.088	0.088	U
53	V - Fig 3	000058	Bismuth-210M	0.086	0.086	U
23	V - Fig 3	000062	Bismuth-210M	0.085	0.085	U
05	V - Fig 3	000036	Bismuth-210M	0.085	0.085	U
51	V - Fig 3	000008	Bismuth-210M	0.084	0.084	U
32	V - Fig 3	000064	Bismuth-210M	0.084	0.084	U
60	V - Fig 3	000005	Bismuth-210M	0.082	0.082	U
26	V - Fig 3	000024	Bismuth-210M	0.082	0.082	U
18	V - Fig 3	000043	Bismuth-210M	0.081	0.081	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
65	V - Fig 3	000070	Bismuth-210M	0.076	0.076	U
63	V - Fig 3	000072	Bismuth-210M	0.076	0.076	U
49	V - Fig 3	000046	Bismuth-210M	0.075	0.075	U
29	V - Fig 3	000017	Bismuth-210M	0.074	0.074	U
42	V - Fig 3	000050	Bismuth-210M	0.071	0.071	U
33	V - Fig 3	000065	Bismuth-210M	0.069	0.069	U
54	V - Fig 3	000057	Bismuth-210M	0.068	0.068	U
34	V - Fig 3	000063	Bismuth-210M	0.067	0.067	U
61	V - Fig 3	000066	Bismuth-210M	0.064	0.064	U
62	V - Fig 3	000067	Bismuth-210M	0.062	0.062	U
30	V - Fig 3	000016	Cesium-137	0.739	0.074	
01	V - Fig 3	000041	Cesium-137	0.612	0.074	
72	C - Fig 2	000072	Cesium-137	0.580	0.050	
61	C - Fig 2	000061	Cesium-137	0.380	0.040	
03	V - Fig 3	000037	Cesium-137	0.361	0.104	
54	C - Fig 2	000054	Cesium-137	0.350	0.070	
52	V - Fig 3	000007	Cesium-137	0.348	0.072	
71	C - Fig 2	000071	Cesium-137	0.330	0.130	
70	C - Fig 2	000070	Cesium-137	0.310	0.100	
14	V - Fig 3	000053	Cesium-137	0.285	0.070	
40	V - Fig 3	000011	Cesium-137	0.284	0.080	
02	V - Fig 3	000042	Cesium-137	0.274	0.081	
24	C - Fig 2	000024	Cesium-137	0.270	0.060	
51	V - Fig 3	000008	Cesium-137	0.259	0.072	
25	C - Fig 2	000025	Cesium-137	0.250	0.030	
35	C - Fig 2	000035	Cesium-137	0.210	0.070	
00	C - Fig 2	000000	Cesium-137	0.190	0.060	
31	V - Fig 3	000015	Cesium-137	0.179	0.082	J
13	V - Fig 3	000052	Cesium-137	0.172	0.084	J
22	V - Fig 3	000045	Cesium-137	0.172	0.074	J
56	V - Fig 3	000001	Cesium-137	0.169	0.078	J
66	V - Fig 3	000077	Cesium-137	0.162	0.162	U
45	C - Fig 2	000045	Cesium-137	0.160	0.040	
16	C - Fig 2	000016	Cesium-137	0.150	0.070	
62	C - Fig 2	000062	Cesium-137	0.150	0.040	
53	V - Fig 3	000058	Cesium-137	0.147	0.064	J
04	V - Fig 3	000038	Cesium-137	0.138	0.081	J
50	V - Fig 3	000009	Cesium-137	0.134	0.068	J
06	C - Fig 2	000006	Cesium-137	0.130	0.040	
33	C - Fig 2	000033	Cesium-137	0.130	0.040	
36	C - Fig 2	000036	Cesium-137	0.130	0.030	
38	V - Fig 3	000013	Cesium-137	0.124	0.071	J

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
06	V - Fig 3	000040	Cesium-137	0.117	0.117	U
43	V - Fig 3	000075	Cesium-137	0.117	0.117	U
57	V - Fig 3	000002	Cesium-137	0.110	0.110	U
26	C - Fig 2	000026	Cesium-137	0.110	0.050	
37	V - Fig 3	000014	Cesium-137	0.101	0.101	U
48	V - Fig 3	000010	Cesium-137	0.099	0.099	U
58	V - Fig 3	000003	Cesium-137	0.096	0.073	J
07	V - Fig 3	000028	Cesium-137	0.095	0.095	U
39	V - Fig 3	000012	Cesium-137	0.094	0.094	U
35	V - Fig 3	000021	Cesium-137	0.093	0.093	U
09	V - Fig 3	000032	Cesium-137	0.092	0.092	U
20	V - Fig 3	000026	Cesium-137	0.091	0.091	U
51	C - Fig 2	000051	Cesium-137	0.090	0.050	
53	C - Fig 2	000053	Cesium-137	0.090	0.040	
24	V - Fig 3	000060	Cesium-137	0.090	0.090	U
11	V - Fig 3	000034	Cesium-137	0.088	0.088	U
16	V - Fig 3	000039	Cesium-137	0.087	0.087	U
10	V - Fig 3	000033	Cesium-137	0.087	0.087	U
26	V - Fig 3	000024	Cesium-137	0.085	0.085	U
41	V - Fig 3	000061	Cesium-137	0.085	0.085	U
64	V - Fig 3	000068	Cesium-137	0.084	0.084	U
17	V - Fig 3	000025	Cesium-137	0.084	0.084	U
21	V - Fig 3	000023	Cesium-137	0.083	0.083	U
08	V - Fig 3	000031	Cesium-137	0.083	0.083	U
36	V - Fig 3	000019	Cesium-137	0.082	0.082	U
12	V - Fig 3	000035	Cesium-137	0.082	0.082	U
67	V - Fig 3	000078	Cesium-137	0.081	0.081	U
27	V - Fig 3	000022	Cesium-137	0.081	0.081	U
49	V - Fig 3	000046	Cesium-137	0.081	0.081	U
23	C - Fig 2	000023A	Cesium-137	0.080	0.080	U
44	C - Fig 2	000044	Cesium-137	0.080	0.080	U
03	C - Fig 2	000003A	Cesium-137	0.080	0.070	
05	V - Fig 3	000036	Cesium-137	0.079	0.079	U
28	V - Fig 3	000020	Cesium-137	0.079	0.079	U
55	V - Fig 3	000056	Cesium-137	0.079	0.079	U
15	V - Fig 3	000054	Cesium-137	0.077	0.077	U
59	V - Fig 3	000004	Cesium-137	0.076	0.076	U
18	V - Fig 3	000043	Cesium-137	0.076	0.076	U
32	V - Fig 3	000064	Cesium-137	0.075	0.075	U
60	V - Fig 3	000005	Cesium-137	0.074	0.074	U
68	V - Fig 3	000080	Cesium-137	0.073	0.073	U
33	V - Fig 3	000065	Cesium-137	0.070	0.070	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
13	C - Fig 2	000013A	Cesium-137	0.070	0.070	U
41	C - Fig 2	000041	Cesium-137	0.070	0.070	U
32	C - Fig 2	000032	Cesium-137	0.070	0.050	
52	C - Fig 2	000052	Cesium-137	0.070	0.050	
54	V - Fig 3	000057	Cesium-137	0.069	0.069	U
19	V - Fig 3	000029	Cesium-137	0.067	0.067	U
63	V - Fig 3	000072	Cesium-137	0.066	0.066	U
65	V - Fig 3	000070	Cesium-137	0.065	0.065	U
34	V - Fig 3	000063	Cesium-137	0.063	0.063	U
25	V - Fig 3	000059	Cesium-137	0.061	0.061	U
23	V - Fig 3	000062	Cesium-137	0.061	0.061	U
05	C - Fig 2	000005A	Cesium-137	0.060	0.060	U
11	C - Fig 2	000011A	Cesium-137	0.060	0.060	U
12	C - Fig 2	000012A	Cesium-137	0.060	0.060	
20	C - Fig 2	000020	Cesium-137	0.060	0.060	U
60	C - Fig 2	000060	Cesium-137	0.060	0.060	U
29	V - Fig 3	000017	Cesium-137	0.057	0.057	U
61	V - Fig 3	000066	Cesium-137	0.056	0.056	U
42	V - Fig 3	000050	Cesium-137	0.054	0.054	U
62	V - Fig 3	000067	Cesium-137	0.052	0.052	U
02	C - Fig 2	000002A	Cesium-137	0.050	0.050	U
14	C - Fig 2	000014A	Cesium-137	0.050	0.050	U
34	C - Fig 2	000034	Cesium-137	0.050	0.050	
43	C - Fig 2	000043	Cesium-137	0.050	0.040	
50	C - Fig 2	000050	Cesium-137	0.050	0.040	
15	C - Fig 2	000015A	Cesium-137	0.040	0.040	U
22	C - Fig 2	000022A	Cesium-137	0.040	0.040	U
31	C - Fig 2	000031	Cesium-137	0.040	0.040	U
01	C - Fig 2	000001A	Cesium-137	0.030	0.060	U
04	C - Fig 2	000004A	Cesium-137	0.030	0.030	U
21	C - Fig 2	000021A	Cesium-137	0.030	0.030	U
42	C - Fig 2	000042	Cesium-137	0.030	0.030	
59	C - Fig 2	000059	Cesium-137	0.030	0.020	
63	C - Fig 2	000063	Cesium-137	0.030	0.020	
10	C - Fig 2	000010A	Cesium-137	0.020	0.040	U
61	C - Fig 2	000061	Cobalt-60	0.500	0.040	
66	V - Fig 3	000077	Cobalt-60	0.184	0.184	U
56	V - Fig 3	000001	Cobalt-60	0.178	0.076	
50	V - Fig 3	000009	Cobalt-60	0.140	0.060	
43	V - Fig 3	000075	Cobalt-60	0.126	0.126	U
57	V - Fig 3	000002	Cobalt-60	0.122	0.122	U
58	V - Fig 3	000003	Cobalt-60	0.111	0.111	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
06	V - Fig 3	000040	Cobalt-60	0.109	0.109	U
37	V - Fig 3	000014	Cobalt-60	0.105	0.105	U
07	V - Fig 3	000028	Cobalt-60	0.103	0.103	U
10	V - Fig 3	000033	Cobalt-60	0.103	0.103	U
16	V - Fig 3	000039	Cobalt-60	0.102	0.102	U
51	C - Fig 2	000051	Cobalt-60	0.100	0.100	U
70	C - Fig 2	000070	Cobalt-60	0.100	0.100	U
03	V - Fig 3	000037	Cobalt-60	0.100	0.100	U
35	V - Fig 3	000021	Cobalt-60	0.097	0.097	U
01	V - Fig 3	000041	Cobalt-60	0.097	0.097	U
11	V - Fig 3	000034	Cobalt-60	0.097	0.097	U
17	V - Fig 3	000025	Cobalt-60	0.096	0.096	U
21	V - Fig 3	000023	Cobalt-60	0.096	0.096	U
24	V - Fig 3	000060	Cobalt-60	0.095	0.095	U
38	V - Fig 3	000013	Cobalt-60	0.094	0.094	U
53	V - Fig 3	000058	Cobalt-60	0.093	0.093	U
67	V - Fig 3	000078	Cobalt-60	0.091	0.091	U
24	C - Fig 2	000024	Cobalt-60	0.090	0.090	U
62	C - Fig 2	000062	Cobalt-60	0.090	0.060	
48	V - Fig 3	000010	Cobalt-60	0.090	0.090	U
14	V - Fig 3	000053	Cobalt-60	0.089	0.089	U
64	V - Fig 3	000068	Cobalt-60	0.089	0.089	U
04	V - Fig 3	000038	Cobalt-60	0.088	0.088	U
41	V - Fig 3	000061	Cobalt-60	0.088	0.088	U
19	V - Fig 3	000029	Cobalt-60	0.085	0.085	U
36	V - Fig 3	000019	Cobalt-60	0.085	0.085	U
20	V - Fig 3	000026	Cobalt-60	0.084	0.084	U
31	V - Fig 3	000015	Cobalt-60	0.083	0.083	U
08	V - Fig 3	000031	Cobalt-60	0.083	0.083	U
52	V - Fig 3	000007	Cobalt-60	0.082	0.082	U
22	V - Fig 3	000045	Cobalt-60	0.081	0.081	U
18	V - Fig 3	000043	Cobalt-60	0.081	0.081	U
09	V - Fig 3	000032	Cobalt-60	0.081	0.081	U
12	V - Fig 3	000035	Cobalt-60	0.080	0.080	U
00	C - Fig 2	000000	Cobalt-60	0.080	0.080	U
03	C - Fig 2	000003A	Cobalt-60	0.080	0.080	U
05	C - Fig 2	000005A	Cobalt-60	0.080	0.080	U
12	C - Fig 2	000012A	Cobalt-60	0.080	0.080	U
23	C - Fig 2	000023A	Cobalt-60	0.080	0.080	U
32	C - Fig 2	000032	Cobalt-60	0.080	0.080	U
44	C - Fig 2	000044	Cobalt-60	0.080	0.080	U
15	V - Fig 3	000054	Cobalt-60	0.080	0.080	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
55	V - Fig 3	000056	Cobalt-60	0.080	0.080	U
32	V - Fig 3	000064	Cobalt-60	0.079	0.079	U
40	V - Fig 3	000011	Cobalt-60	0.079	0.079	U
27	V - Fig 3	000022	Cobalt-60	0.078	0.078	U
68	V - Fig 3	000080	Cobalt-60	0.078	0.078	U
39	V - Fig 3	000012	Cobalt-60	0.076	0.076	U
30	V - Fig 3	000016	Cobalt-60	0.076	0.076	U
33	V - Fig 3	000065	Cobalt-60	0.074	0.074	U
49	V - Fig 3	000046	Cobalt-60	0.072	0.072	U
34	V - Fig 3	000063	Cobalt-60	0.072	0.072	U
59	V - Fig 3	000004	Cobalt-60	0.070	0.070	U
13	C - Fig 2	000013A	Cobalt-60	0.070	0.070	U
20	C - Fig 2	000020	Cobalt-60	0.070	0.070	U
41	C - Fig 2	000041	Cobalt-60	0.070	0.070	U
52	C - Fig 2	000052	Cobalt-60	0.070	0.070	U
54	C - Fig 2	000054	Cobalt-60	0.070	0.070	U
71	C - Fig 2	000071	Cobalt-60	0.070	0.070	U
54	V - Fig 3	000057	Cobalt-60	0.070	0.070	U
28	V - Fig 3	000020	Cobalt-60	0.070	0.070	U
13	V - Fig 3	000052	Cobalt-60	0.069	0.069	U
65	V - Fig 3	000070	Cobalt-60	0.068	0.068	U
02	V - Fig 3	000042	Cobalt-60	0.067	0.067	U
05	V - Fig 3	000036	Cobalt-60	0.065	0.065	U
62	V - Fig 3	000067	Cobalt-60	0.065	0.065	U
51	V - Fig 3	000008	Cobalt-60	0.065	0.065	U
29	V - Fig 3	000017	Cobalt-60	0.065	0.065	U
25	V - Fig 3	000059	Cobalt-60	0.064	0.064	U
60	V - Fig 3	000005	Cobalt-60	0.064	0.064	U
42	V - Fig 3	000050	Cobalt-60	0.063	0.063	U
63	V - Fig 3	000072	Cobalt-60	0.062	0.062	U
23	V - Fig 3	000062	Cobalt-60	0.062	0.062	U
26	V - Fig 3	000024	Cobalt-60	0.061	0.061	U
02	C - Fig 2	000002A	Cobalt-60	0.060	0.060	U
26	C - Fig 2	000026	Cobalt-60	0.060	0.060	U
50	C - Fig 2	000050	Cobalt-60	0.060	0.060	U
60	C - Fig 2	000060	Cobalt-60	0.060	0.060	U
61	V - Fig 3	000066	Cobalt-60	0.059	0.059	U
06	C - Fig 2	000006	Cobalt-60	0.050	0.050	U
14	C - Fig 2	000014A	Cobalt-60	0.050	0.050	U
16	C - Fig 2	000016	Cobalt-60	0.050	0.050	U
22	C - Fig 2	000022A	Cobalt-60	0.050	0.050	U
34	C - Fig 2	000034	Cobalt-60	0.050	0.050	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
35	C - Fig 2	000035	Cobalt-60	0.050	0.050	U
43	C - Fig 2	000043	Cobalt-60	0.050	0.050	
53	C - Fig 2	000053	Cobalt-60	0.050	0.050	
72	C - Fig 2	000072	Cobalt-60	0.050	0.050	U
11	C - Fig 2	000011A	Cobalt-60	0.050	0.040	
15	C - Fig 2	000015A	Cobalt-60	0.040	0.040	U
21	C - Fig 2	000021A	Cobalt-60	0.040	0.040	U
25	C - Fig 2	000025	Cobalt-60	0.040	0.040	U
33	C - Fig 2	000033	Cobalt-60	0.040	0.040	U
42	C - Fig 2	000042	Cobalt-60	0.040	0.040	U
45	C - Fig 2	000045	Cobalt-60	0.040	0.040	U
04	C - Fig 2	000004A	Cobalt-60	0.030	0.030	U
31	C - Fig 2	000031	Cobalt-60	0.030	0.030	U
36	C - Fig 2	000036	Cobalt-60	0.030	0.030	U
59	C - Fig 2	000059	Cobalt-60	0.030	0.030	U
63	C - Fig 2	000063	Cobalt-60	0.020	0.020	U
01	C - Fig 2	000001A	Cobalt-60	0.010	0.040	U
10	C - Fig 2	000010A	Cobalt-60	0.010	0.040	U
72	C - Fig 2	000072	Lead-210	3.410	0.970	
28	V - Fig 3	000020	Lead-210	2.790	0.986	
66	V - Fig 3	000077	Lead-210	2.480	2.480	U
43	V - Fig 3	000075	Lead-210	2.280	2.280	U
61	C - Fig 2	000061	Lead-210	2.280	0.790	
35	V - Fig 3	000021	Lead-210	2.270	1.540	
31	V - Fig 3	000015	Lead-210	2.220	0.869	
01	V - Fig 3	000041	Lead-210	2.110	1.120	
52	V - Fig 3	000007	Lead-210	2.090	1.450	
22	V - Fig 3	000045	Lead-210	2.050	0.964	
50	V - Fig 3	000009	Lead-210	2.030	0.927	
21	V - Fig 3	000023	Lead-210	1.960	0.999	
38	V - Fig 3	000013	Lead-210	1.940	1.000	
15	V - Fig 3	000054	Lead-210	1.900	1.070	
03	V - Fig 3	000037	Lead-210	1.890	1.140	
18	V - Fig 3	000043	Lead-210	1.850	1.470	
51	V - Fig 3	000008	Lead-210	1.790	0.967	
71	C - Fig 2	000071	Lead-210	1.770	0.910	
23	C - Fig 2	000023A	Lead-210	1.770	0.750	
25	C - Fig 2	000025	Lead-210	1.760	0.800	
14	C - Fig 2	000014A	Lead-210	1.760	0.770	
45	C - Fig 2	000045	Lead-210	1.750	0.650	
02	V - Fig 3	000042	Lead-210	1.740	0.981	
06	V - Fig 3	000040	Lead-210	1.730	1.440	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
04	V - Fig 3	000038	Lead-210	1.700	0.959	
68	V - Fig 3	000080	Lead-210	1.670	0.885	
09	V - Fig 3	000032	Lead-210	1.650	1.070	
22	C - Fig 2	000022A	Lead-210	1.620	0.790	
53	V - Fig 3	000058	Lead-210	1.580	0.769	
33	C - Fig 2	000033	Lead-210	1.560	0.710	
26	C - Fig 2	000026	Lead-210	1.530	0.870	
36	C - Fig 2	000036	Lead-210	1.510	0.590	
07	V - Fig 3	000028	Lead-210	1.500	1.030	
36	V - Fig 3	000019	Lead-210	1.490	1.410	
16	V - Fig 3	000039	Lead-210	1.490	1.000	
30	V - Fig 3	000016	Lead-210	1.490	0.978	
03	C - Fig 2	000003A	Lead-210	1.470	0.680	
17	V - Fig 3	000025	Lead-210	1.390	1.390	U
05	V - Fig 3	000036	Lead-210	1.390	1.390	U
62	C - Fig 2	000062	Lead-210	1.360	0.760	
00	C - Fig 2	000000	Lead-210	1.350	0.760	
12	V - Fig 3	000035	Lead-210	1.340	0.894	
40	V - Fig 3	000011	Lead-210	1.320	1.320	U
10	V - Fig 3	000033	Lead-210	1.320	1.320	U
37	V - Fig 3	000014	Lead-210	1.310	1.310	U
57	V - Fig 3	000002	Lead-210	1.310	1.300	
24	V - Fig 3	000060	Lead-210	1.310	1.080	
56	V - Fig 3	000001	Lead-210	1.300	1.300	U
11	V - Fig 3	000034	Lead-210	1.300	1.300	U
25	V - Fig 3	000059	Lead-210	1.270	0.872	
19	V - Fig 3	000029	Lead-210	1.260	1.260	U
49	V - Fig 3	000046	Lead-210	1.260	1.260	U
58	V - Fig 3	000003	Lead-210	1.250	0.919	
52	C - Fig 2	000052	Lead-210	1.250	0.640	
54	C - Fig 2	000054	Lead-210	1.240	1.070	
48	V - Fig 3	000010	Lead-210	1.230	1.230	U
67	V - Fig 3	000078	Lead-210	1.230	1.230	U
11	C - Fig 2	000011A	Lead-210	1.230	0.990	
14	V - Fig 3	000053	Lead-210	1.230	0.935	
41	V - Fig 3	000061	Lead-210	1.220	1.220	U
39	V - Fig 3	000012	Lead-210	1.180	1.180	U
16	C - Fig 2	000016	Lead-210	1.180	0.620	
27	V - Fig 3	000022	Lead-210	1.140	1.020	
60	V - Fig 3	000005	Lead-210	1.130	1.130	U
54	V - Fig 3	000057	Lead-210	1.130	1.130	U
15	C - Fig 2	000015A	Lead-210	1.110	0.810	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
20	V - Fig 3	000026	Lead-210	1.100	1.100	U
13	V - Fig 3	000052	Lead-210	1.100	1.100	U
32	C - Fig 2	000032	Lead-210	1.100	0.630	
02	C - Fig 2	000002A	Lead-210	1.090	1.090	U
55	V - Fig 3	000056	Lead-210	1.090	1.090	U
01	C - Fig 2	000001A	Lead-210	1.090	0.940	
26	V - Fig 3	000024	Lead-210	1.090	0.882	
59	V - Fig 3	000004	Lead-210	1.050	1.050	U
43	C - Fig 2	000043	Lead-210	1.050	1.050	U
34	V - Fig 3	000063	Lead-210	1.050	1.050	U
34	C - Fig 2	000034	Lead-210	1.050	0.880	
20	C - Fig 2	000020	Lead-210	1.040	0.650	
35	C - Fig 2	000035	Lead-210	1.030	0.710	
42	V - Fig 3	000050	Lead-210	1.020	1.020	U
60	C - Fig 2	000060	Lead-210	1.020	0.510	
70	C - Fig 2	000070	Lead-210	1.000	0.920	
65	V - Fig 3	000070	Lead-210	0.992	0.992	U
32	V - Fig 3	000064	Lead-210	0.980	0.980	U
24	C - Fig 2	000024	Lead-210	0.980	0.900	
63	V - Fig 3	000072	Lead-210	0.977	0.977	U
08	V - Fig 3	000031	Lead-210	0.974	0.964	J
29	V - Fig 3	000017	Lead-210	0.949	0.949	U
23	V - Fig 3	000062	Lead-210	0.935	0.935	U
62	V - Fig 3	000067	Lead-210	0.935	0.935	U
33	V - Fig 3	000065	Lead-210	0.932	0.932	U
06	C - Fig 2	000006	Lead-210	0.920	0.890	
05	C - Fig 2	000005A	Lead-210	0.870	0.740	
51	C - Fig 2	000051	Lead-210	0.870	0.680	
04	C - Fig 2	000004A	Lead-210	0.870	0.620	
64	V - Fig 3	000068	Lead-210	0.862	0.862	U
13	C - Fig 2	000013A	Lead-210	0.860	0.830	
50	C - Fig 2	000050	Lead-210	0.850	0.850	U
53	C - Fig 2	000053	Lead-210	0.850	0.850	U
12	C - Fig 2	000012A	Lead-210	0.830	0.800	
31	C - Fig 2	000031	Lead-210	0.820	0.820	U
61	V - Fig 3	000066	Lead-210	0.809	0.809	U
10	C - Fig 2	000010A	Lead-210	0.790	0.840	U
41	C - Fig 2	000041	Lead-210	0.790	0.790	U
21	C - Fig 2	000021A	Lead-210	0.780	0.780	U
42	C - Fig 2	000042	Lead-210	0.770	0.700	
44	C - Fig 2	000044	Lead-210	0.750	0.750	U
59	C - Fig 2	000059	Lead-210	0.670	0.430	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
63	C - Fig 2	000063	Lead-210	0.500	0.500	U
31	C - Fig 2	000031	Plutonium-238	54.000	54.000	U
21	C - Fig 2	000021A	Plutonium-238	52.230	52.230	U
36	C - Fig 2	000036	Plutonium-238	42.800	42.800	U
04	C - Fig 2	000004A	Plutonium-238	42.580	42.580	U
63	C - Fig 2	000063	Plutonium-238	35.230	35.230	U
54	C - Fig 2	000054	Plutonium-238	33.780	33.780	U
11	C - Fig 2	000011A	Plutonium-238	32.110	32.110	U
02	C - Fig 2	000002A	Plutonium-238	31.950	31.950	U
72	C - Fig 2	000072	Plutonium-238	28.470	28.470	U
62	C - Fig 2	000062	Plutonium-238	27.580	27.580	U
43	C - Fig 2	000043	Plutonium-238	27.140	27.140	U
06	C - Fig 2	000006	Plutonium-238	26.550	26.550	U
26	C - Fig 2	000026	Plutonium-238	26.430	26.430	U
34	C - Fig 2	000034	Plutonium-238	26.110	26.110	U
59	C - Fig 2	000059	Plutonium-238	25.290	25.290	U
61	C - Fig 2	000061	Plutonium-238	25.160	25.160	U
50	C - Fig 2	000050	Plutonium-238	24.670	24.670	U
15	C - Fig 2	000015A	Plutonium-238	24.100	24.100	U
14	C - Fig 2	000014A	Plutonium-238	24.040	24.040	U
22	C - Fig 2	000022A	Plutonium-238	23.710	23.710	U
53	C - Fig 2	000053	Plutonium-238	22.130	22.130	U
33	C - Fig 2	000033	Plutonium-238	21.370	21.370	U
25	C - Fig 2	000025	Plutonium-238	21.110	21.110	U
12	C - Fig 2	000012A	Plutonium-238	20.400	20.400	U
71	C - Fig 2	000071	Plutonium-238	20.380	20.380	U
70	C - Fig 2	000070	Plutonium-238	20.030	20.030	U
60	C - Fig 2	000060	Plutonium-238	20.000	20.000	U
13	C - Fig 2	000013A	Plutonium-238	19.900	19.900	U
42	C - Fig 2	000042	Plutonium-238	19.640	19.640	U
03	C - Fig 2	000003A	Plutonium-238	19.340	19.340	U
00	C - Fig 2	000000	Plutonium-238	19.130	19.130	U
41	C - Fig 2	000041	Plutonium-238	19.060	19.060	U
23	C - Fig 2	000023A	Plutonium-238	18.770	18.770	U
24	C - Fig 2	000024	Plutonium-238	18.530	18.530	U
32	C - Fig 2	000032	Plutonium-238	16.720	16.720	U
52	C - Fig 2	000052	Plutonium-238	16.660	16.660	U
20	C - Fig 2	000020	Plutonium-238	16.490	16.490	U
16	C - Fig 2	000016	Plutonium-238	16.280	16.280	U
51	C - Fig 2	000051	Plutonium-238	15.980	15.980	U
05	C - Fig 2	000005A	Plutonium-238	14.830	14.830	U
35	C - Fig 2	000035	Plutonium-238	14.650	14.650	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
01	C - Fig 2	000001A	Plutonium-238	14.210	22.680	U
45	C - Fig 2	000045	Plutonium-238	12.780	12.780	U
50	V - Fig 3	000009	Plutonium-238	12.700	0.007	
10	C - Fig 2	000010A	Plutonium-238	12.050	22.290	U
44	C - Fig 2	000044	Plutonium-238	9.420	9.420	U
37	V - Fig 3	000014	Plutonium-238	8.580	0.009	
56	V - Fig 3	000001	Plutonium-238	6.640	0.008	
59	V - Fig 3	000004	Plutonium-238	3.810	0.010	
57	V - Fig 3	000002	Plutonium-238	3.680	0.004	
48	V - Fig 3	000010	Plutonium-238	2.720	0.005	
58	V - Fig 3	000003	Plutonium-238	1.920	0.011	
51	V - Fig 3	000008	Plutonium-238	1.830	0.011	
35	V - Fig 3	000021	Plutonium-238	1.500	0.016	
38	V - Fig 3	000013	Plutonium-238	1.370	0.014	
28	V - Fig 3	000020	Plutonium-238	1.130	0.010	
49	V - Fig 3	000046	Plutonium-238	1.030	0.024	
60	V - Fig 3	000005	Plutonium-238	0.899	0.004	
55	V - Fig 3	000056	Plutonium-238	0.898	0.007	
52	V - Fig 3	000007	Plutonium-238	0.892	0.005	
30	V - Fig 3	000016	Plutonium-238	0.686	0.011	
40	V - Fig 3	000011	Plutonium-238	0.681	0.004	
16	V - Fig 3	000039	Plutonium-238	0.555	0.007	
36	V - Fig 3	000019	Plutonium-238	0.501	0.004	
01	V - Fig 3	000041	Plutonium-238	0.483	0.015	
06	V - Fig 3	000040	Plutonium-238	0.451	0.006	
03	V - Fig 3	000037	Plutonium-238	0.420	0.012	
63	V - Fig 3	000072	Plutonium-238	0.388	0.009	
18	V - Fig 3	000043	Plutonium-238	0.377	0.006	
39	V - Fig 3	000012	Plutonium-238	0.314	0.010	
02	V - Fig 3	000042	Plutonium-238	0.251	0.012	
64	V - Fig 3	000068	Plutonium-238	0.222	0.017	
31	V - Fig 3	000015	Plutonium-238	0.205	0.004	
08	V - Fig 3	000031	Plutonium-238	0.190	0.006	
32	V - Fig 3	000064	Plutonium-238	0.185	0.005	
61	V - Fig 3	000066	Plutonium-238	0.171	0.012	
26	V - Fig 3	000024	Plutonium-238	0.169	0.007	
14	V - Fig 3	000053	Plutonium-238	0.159	0.006	
22	V - Fig 3	000045	Plutonium-238	0.157	0.088	
54	V - Fig 3	000057	Plutonium-238	0.147	0.005	
20	V - Fig 3	000026	Plutonium-238	0.100	0.009	
23	V - Fig 3	000062	Plutonium-238	0.099	0.085	
04	V - Fig 3	000038	Plutonium-238	0.095	0.014	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
13	V - Fig 3	000052	Plutonium-238	0.094	0.014	
53	V - Fig 3	000058	Plutonium-238	0.091	0.012	
33	V - Fig 3	000065	Plutonium-238	0.082	0.012	
05	V - Fig 3	000036	Plutonium-238	0.071	0.007	
09	V - Fig 3	000032	Plutonium-238	0.064	0.005	
17	V - Fig 3	000025	Plutonium-238	0.062	0.010	
19	V - Fig 3	000029	Plutonium-238	0.054	0.006	
11	V - Fig 3	000034	Plutonium-238	0.051	0.005	
34	V - Fig 3	000063	Plutonium-238	0.027	0.006	
12	V - Fig 3	000035	Plutonium-238	0.026	0.017	
43	V - Fig 3	000075	Plutonium-238	0.024	0.024	U
07	V - Fig 3	000028	Plutonium-238	0.021	0.005	
62	V - Fig 3	000067	Plutonium-238	0.020	0.008	
24	V - Fig 3	000060	Plutonium-238	0.019	0.019	U
10	V - Fig 3	000033	Plutonium-238	0.019	0.019	U
41	V - Fig 3	000061	Plutonium-238	0.019	0.019	U
15	V - Fig 3	000054	Plutonium-238	0.017	0.017	U
65	V - Fig 3	000070	Plutonium-238	0.016	0.004	
25	V - Fig 3	000059	Plutonium-238	0.015	0.015	U
66	V - Fig 3	000077	Plutonium-238	0.012	0.011	
27	V - Fig 3	000022	Plutonium-238	0.011	0.011	U
67	V - Fig 3	000078	Plutonium-238	0.011	0.011	U
68	V - Fig 3	000080	Plutonium-238	0.010	0.010	U
21	V - Fig 3	000023	Plutonium-238	0.009	0.009	U
29	V - Fig 3	000017	Plutonium-238	0.009	0.009	U
42	V - Fig 3	000050	Plutonium-238	0.007	0.007	U
22	V - Fig 3	000045	Plutonium-239/240	0.073	0.073	U
23	V - Fig 3	000062	Plutonium-239/240	0.041	0.041	U
06	V - Fig 3	000040	Plutonium-239/240	0.034	0.012	
43	V - Fig 3	000075	Plutonium-239/240	0.032	0.032	U
50	V - Fig 3	000009	Plutonium-239/240	0.029	0.004	
56	V - Fig 3	000001	Plutonium-239/240	0.026	0.008	
66	V - Fig 3	000077	Plutonium-239/240	0.026	0.026	U
54	V - Fig 3	000057	Plutonium-239/240	0.026	0.011	
10	V - Fig 3	000033	Plutonium-239/240	0.025	0.025	U
37	V - Fig 3	000014	Plutonium-239/240	0.021	0.009	
51	V - Fig 3	000008	Plutonium-239/240	0.019	0.009	
24	V - Fig 3	000060	Plutonium-239/240	0.019	0.019	U
53	V - Fig 3	000058	Plutonium-239/240	0.019	0.012	
55	V - Fig 3	000056	Plutonium-239/240	0.018	0.007	
58	V - Fig 3	000003	Plutonium-239/240	0.017	0.017	U
52	V - Fig 3	000007	Plutonium-239/240	0.017	0.005	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
49	V - Fig 3	000046	Plutonium-239/240	0.017	0.012	
30	V - Fig 3	000016	Plutonium-239/240	0.017	0.005	
38	V - Fig 3	000013	Plutonium-239/240	0.015	0.008	
57	V - Fig 3	000002	Plutonium-239/240	0.015	0.009	
12	V - Fig 3	000035	Plutonium-239/240	0.014	0.014	U
15	V - Fig 3	000054	Plutonium-239/240	0.014	0.014	U
59	V - Fig 3	000004	Plutonium-239/240	0.014	0.005	
35	V - Fig 3	000021	Plutonium-239/240	0.014	0.014	U
48	V - Fig 3	000010	Plutonium-239/240	0.014	0.005	
41	V - Fig 3	000061	Plutonium-239/240	0.013	0.013	U
19	V - Fig 3	000029	Plutonium-239/240	0.013	0.013	U
29	V - Fig 3	000017	Plutonium-239/240	0.013	0.009	
02	V - Fig 3	000042	Plutonium-239/240	0.012	0.012	U
13	V - Fig 3	000052	Plutonium-239/240	0.012	0.012	U
33	V - Fig 3	000065	Plutonium-239/240	0.012	0.012	U
18	V - Fig 3	000043	Plutonium-239/240	0.012	0.012	U
34	V - Fig 3	000063	Plutonium-239/240	0.012	0.012	U
64	V - Fig 3	000068	Plutonium-239/240	0.012	0.012	U
09	V - Fig 3	000032	Plutonium-239/240	0.011	0.011	U
67	V - Fig 3	000078	Plutonium-239/240	0.011	0.011	U
32	V - Fig 3	000064	Plutonium-239/240	0.010	0.010	U
03	V - Fig 3	000037	Plutonium-239/240	0.010	0.010	
36	V - Fig 3	000019	Plutonium-239/240	0.010	0.004	J
27	V - Fig 3	000022	Plutonium-239/240	0.010	0.010	U
31	V - Fig 3	000015	Plutonium-239/240	0.009	0.008	J
40	V - Fig 3	000011	Plutonium-239/240	0.009	0.009	U
63	V - Fig 3	000072	Plutonium-239/240	0.009	0.009	U
68	V - Fig 3	000080	Plutonium-239/240	0.009	0.009	U
21	V - Fig 3	000023	Plutonium-239/240	0.009	0.009	U
25	V - Fig 3	000059	Plutonium-239/240	0.008	0.008	U
17	V - Fig 3	000025	Plutonium-239/240	0.008	0.008	U
62	V - Fig 3	000067	Plutonium-239/240	0.008	0.008	U
28	V - Fig 3	000020	Plutonium-239/240	0.008	0.008	U
04	V - Fig 3	000038	Plutonium-239/240	0.008	0.008	U
01	V - Fig 3	000041	Plutonium-239/240	0.008	0.007	J
42	V - Fig 3	000050	Plutonium-239/240	0.007	0.007	U
16	V - Fig 3	000039	Plutonium-239/240	0.007	0.007	U
61	V - Fig 3	000066	Plutonium-239/240	0.007	0.007	U
05	V - Fig 3	000036	Plutonium-239/240	0.007	0.007	U
26	V - Fig 3	000024	Plutonium-239/240	0.007	0.007	U
08	V - Fig 3	000031	Plutonium-239/240	0.006	0.006	U
14	V - Fig 3	000053	Plutonium-239/240	0.006	0.006	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
39	V - Fig 3	000012	Plutonium-239/240	0.005	0.005	J
07	V - Fig 3	000028	Plutonium-239/240	0.005	0.005	U
20	V - Fig 3	000026	Plutonium-239/240	0.005	0.005	U
11	V - Fig 3	000034	Plutonium-239/240	0.005	0.005	U
60	V - Fig 3	000005	Plutonium-239/240	0.004	0.004	U
65	V - Fig 3	000070	Plutonium-239/240	0.004	0.004	U
43	V - Fig 3	000075	Potassium-40	36.000	1.370	
17	V - Fig 3	000025	Potassium-40	25.100	0.893	
16	V - Fig 3	000039	Potassium-40	22.700	0.689	
09	V - Fig 3	000032	Potassium-40	22.100	0.429	
07	V - Fig 3	000028	Potassium-40	22.000	0.918	
38	V - Fig 3	000013	Potassium-40	21.200	0.415	
27	V - Fig 3	000022	Potassium-40	21.000	0.768	
28	V - Fig 3	000020	Potassium-40	20.700	0.733	
21	V - Fig 3	000023	Potassium-40	20.500	0.709	
57	V - Fig 3	000002	Potassium-40	20.400	0.858	
06	V - Fig 3	000040	Potassium-40	20.000	0.796	
59	V - Fig 3	000004	Potassium-40	20.000	0.530	
10	V - Fig 3	000033	Potassium-40	19.900	0.876	
19	V - Fig 3	000029	Potassium-40	19.700	0.603	
41	V - Fig 3	000061	Potassium-40	19.400	0.498	
18	V - Fig 3	000043	Potassium-40	19.400	0.453	
01	V - Fig 3	000041	Potassium-40	19.300	0.739	
37	V - Fig 3	000014	Potassium-40	19.200	0.943	
58	V - Fig 3	000003	Potassium-40	19.100	0.838	
03	V - Fig 3	000037	Potassium-40	19.000	1.060	
20	V - Fig 3	000026	Potassium-40	19.000	0.753	
04	V - Fig 3	000038	Potassium-40	19.000	0.662	
02	V - Fig 3	000042	Potassium-40	18.600	0.592	
35	V - Fig 3	000021	Potassium-40	18.600	0.550	
11	V - Fig 3	000034	Potassium-40	18.500	0.892	
51	V - Fig 3	000008	Potassium-40	18.500	0.459	
22	V - Fig 3	000045	Potassium-40	18.400	0.856	
24	V - Fig 3	000060	Potassium-40	18.300	0.823	
08	V - Fig 3	000031	Potassium-40	18.300	0.762	
66	V - Fig 3	000077	Potassium-40	18.000	1.830	
39	V - Fig 3	000012	Potassium-40	17.900	0.558	
15	V - Fig 3	000054	Potassium-40	17.800	0.696	
12	V - Fig 3	000035	Potassium-40	17.800	0.625	
56	V - Fig 3	000001	Potassium-40	17.800	0.589	
36	V - Fig 3	000019	Potassium-40	17.400	0.772	
05	V - Fig 3	000036	Potassium-40	17.400	0.430	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
40	V - Fig 3	000011	Potassium-40	17.400	0.415	
48	V - Fig 3	000010	Potassium-40	17.200	0.765	
52	V - Fig 3	000007	Potassium-40	17.200	0.671	
29	V - Fig 3	000017	Potassium-40	17.000	0.559	
31	V - Fig 3	000015	Potassium-40	16.900	0.816	
25	V - Fig 3	000059	Potassium-40	16.900	0.761	
64	V - Fig 3	000068	Potassium-40	16.800	0.727	
26	V - Fig 3	000024	Potassium-40	16.800	0.562	
68	V - Fig 3	000080	Potassium-40	16.500	0.577	
23	V - Fig 3	000062	Potassium-40	16.500	0.576	
13	V - Fig 3	000052	Potassium-40	16.400	0.639	
62	V - Fig 3	000067	Potassium-40	16.400	0.531	
53	V - Fig 3	000058	Potassium-40	16.200	0.562	
14	V - Fig 3	000053	Potassium-40	15.800	0.750	
30	V - Fig 3	000016	Potassium-40	15.800	0.633	
65	V - Fig 3	000070	Potassium-40	15.100	0.626	
49	V - Fig 3	000046	Potassium-40	14.900	0.649	
50	V - Fig 3	000009	Potassium-40	14.900	0.291	
67	V - Fig 3	000078	Potassium-40	14.100	0.743	
34	V - Fig 3	000063	Potassium-40	13.600	0.472	
60	V - Fig 3	000005	Potassium-40	13.400	0.474	
33	V - Fig 3	000065	Potassium-40	12.200	0.594	
55	V - Fig 3	000056	Potassium-40	12.100	0.614	
54	V - Fig 3	000057	Potassium-40	12.000	0.597	
42	V - Fig 3	000050	Potassium-40	11.300	0.491	
32	V - Fig 3	000064	Potassium-40	11.100	0.723	
63	V - Fig 3	000072	Potassium-40	10.200	0.602	
61	V - Fig 3	000066	Potassium-40	7.450	0.458	J
11	C - Fig 2	000011A	Radium-226	2.870	1.100	
25	C - Fig 2	000025	Radium-226	2.800	0.770	
13	C - Fig 2	000013A	Radium-226	2.750	0.890	
15	C - Fig 2	000015A	Radium-226	2.690	0.870	
21	C - Fig 2	000021A	Radium-226	2.600	0.840	
01	C - Fig 2	000001A	Radium-226	2.530	0.920	
22	C - Fig 2	000022A	Radium-226	2.500	0.810	
12	C - Fig 2	000012A	Radium-226	2.490	1.000	
05	C - Fig 2	000005A	Radium-226	2.340	1.020	
72	C - Fig 2	000072	Radium-226	2.240	1.130	
03	C - Fig 2	000003A	Radium-226	2.230	1.080	
53	C - Fig 2	000053	Radium-226	2.100	0.770	
04	C - Fig 2	000004A	Radium-226	2.100	0.660	
23	C - Fig 2	000023A	Radium-226	2.020	1.350	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
10	C - Fig 2	000010A	Radium-226	2.010	0.890	
02	C - Fig 2	000002A	Radium-226	2.000	1.140	
24	C - Fig 2	000024	Radium-226	2.000	0.880	
06	C - Fig 2	000006	Radium-226	1.990	0.890	
00	C - Fig 2	000000	Radium-226	1.940	0.940	
35	C - Fig 2	000035	Radium-226	1.940	0.900	
43	C - Fig 2	000043	Radium-226	1.930	0.980	
31	C - Fig 2	000031	Radium-226	1.920	0.770	
14	C - Fig 2	000014A	Radium-226	1.900	0.860	
33	C - Fig 2	000033	Radium-226	1.900	0.850	
34	C - Fig 2	000034	Radium-226	1.880	0.920	
36	C - Fig 2	000036	Radium-226	1.880	0.610	
16	C - Fig.2	000016	Radium-226	1.860	0.860	
41	V - Fig 3	000061	Radium-226	1.850	0.129	
61	C - Fig 2	000061	Radium-226	1.830	0.970	
50	C - Fig 2	000050	Radium-226	1.810	0.870	
54	C - Fig 2	000054	Radium-226	1.800	1.150	
51	C - Fig 2	000051	Radium-226	1.800	0.890	
17	V - Fig 3	000025	Radium-226	1.770	0.155	
63	C - Fig 2	000063	Radium-226	1.750	0.490	
45	C - Fig 2	000045	Radium-226	1.740	0.740	
09	V - Fig 3	000032	Radium-226	1.740	0.148	
52	C - Fig 2	000052	Radium-226	1.700	0.900	
07	V - Fig 3	000028	Radium-226	1.680	0.174	
20	C - Fig 2	000020	Radium-226	1.650	0.840	
26	C - Fig 2	000026	Radium-226	1.630	0.900	
24	V - Fig 3	000060	Radium-226	1.610	0.164	
19	V - Fig 3	000029	Radium-226	1.600	0.127	
42	C - Fig 2	000042	Radium-226	1.590	0.750	
27	V - Fig 3	000022	Radium-226	1.590	0.141	
37	V - Fig 3	000014	Radium-226	1.570	0.168	
32	C - Fig 2	000032	Radium-226	1.520	0.960	
21	V - Fig 3	000023	Radium-226	1.480	0.147	
62	C - Fig 2	000062	Radium-226	1.460	1.000	
35	V - Fig 3	000021	Radium-226	1.460	0.160	
28	V - Fig 3	000020	Radium-226	1.430	0.133	
15	V - Fig 3	000054	Radium-226	1.400	0.139	
38	V - Fig 3	000013	Radium-226	1.400	0.113	
16	V - Fig 3	000039	Radium-226	1.390	0.153	
36	V - Fig 3	000019	Radium-226	1.390	0.124	
06	V - Fig 3	000040	Radium-226	1.370	0.171	
01	V - Fig 3	000041	Radium-226	1.370	0.140	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
18	V - Fig 3	000043	Radium-226	1.360	0.131	
11	V - Fig 3	000034	Radium-226	1.350	0.165	
03	V - Fig 3	000037	Radium-226	1.350	0.165	
31	V - Fig 3	000015	Radium-226	1.350	0.150	
57	V - Fig 3	000002	Radium-226	1.340	0.142	
12	V - Fig 3	000035	Radium-226	1.340	0.129	
71	C - Fig 2	000071	Radium-226	1.310	1.230	
66	V - Fig 3	000077	Radium-226	1.310	0.559	
40	V - Fig 3	000011	Radium-226	1.270	0.131	
26	V - Fig 3	000024	Radium-226	1.270	0.118	
48	V - Fig 3	000010	Radium-226	1.260	0.146	
39	V - Fig 3	000012	Radium-226	1.250	0.121	
70	C - Fig 2	000070	Radium-226	1.240	1.240	U
23	V - Fig 3	000062	Radium-226	1.240	0.116	
04	V - Fig 3	000038	Radium-226	1.230	0.356	
02	V - Fig 3	000042	Radium-226	1.210	0.122	
68	V - Fig 3	000080	Radium-226	1.190	0.367	
52	V - Fig 3	000007	Radium-226	1.190	0.123	
59	C - Fig 2	000059	Radium-226	1.160	0.490	
41	C - Fig 2	000041	Radium-226	1.150	1.150	U
56	V - Fig 3	000001	Radium-226	1.130	0.135	
44	C - Fig 2	000044	Radium-226	1.120	0.960	
49	V - Fig 3	000046	Radium-226	1.120	0.123	
58	V - Fig 3	000003	Radium-226	1.110	0.134	
30	V - Fig 3	000016	Radium-226	1.110	0.124	
22	V - Fig 3	000045	Radium-226	1.100	0.151	
10	V - Fig 3	000033	Radium-226	1.090	0.154	
08	V - Fig 3	000031	Radium-226	1.090	0.135	
60	V - Fig 3	000005	Radium-226	1.090	0.124	
05	V - Fig 3	000036	Radium-226	1.080	0.113	
25	V - Fig 3	000059	Radium-226	1.060	0.126	
59	V - Fig 3	000004	Radium-226	1.020	0.135	
67	V - Fig 3	000078	Radium-226	1.010	0.135	
51	V - Fig 3	000008	Radium-226	1.010	0.124	
43	V - Fig 3	000075	Radium-226	0.981	0.397	
13	V - Fig 3	000052	Radium-226	0.955	0.137	
33	V - Fig 3	000065	Radium-226	0.916	0.102	
20	V - Fig 3	000026	Radium-226	0.893	0.149	
50	V - Fig 3	000009	Radium-226	0.865	0.295	
54	V - Fig 3	000057	Radium-226	0.860	0.122	
14	V - Fig 3	000053	Radium-226	0.836	0.135	
53	V - Fig 3	000058	Radium-226	0.829	0.142	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
34	V - Fig 3	000063	Radium-226	0.807	0.089	
32	V - Fig 3	000064	Radium-226	0.782	0.117	
42	V - Fig 3	000050	Radium-226	0.771	0.077	
55	V - Fig 3	000056	Radium-226	0.765	0.139	
60	C - Fig 2	000060	Radium-226	0.750	0.750	U
64	V - Fig 3	000068	Radium-226	0.744	0.279	
63	V - Fig 3	000072	Radium-226	0.724	0.094	
61	V - Fig 3	000066	Radium-226	0.567	0.091	
65	V - Fig 3	000070	Radium-226	0.501	0.241	
29	V - Fig 3	000017	Radium-226	0.473	0.215	
62	V - Fig 3	000067	Radium-226	0.447	0.214	
07	V - Fig 3	000028	Radium-228	1.860	0.327	
16	V - Fig 3	000039	Radium-228	1.690	0.296	
35	V - Fig 3	000021	Radium-228	1.670	0.256	
01	V - Fig 3	000041	Radium-228	1.630	0.302	
24	V - Fig 3	000060	Radium-228	1.580	0.356	
06	V - Fig 3	000040	Radium-228	1.570	0.337	
17	V - Fig 3	000025	Radium-228	1.570	0.288	
37	V - Fig 3	000014	Radium-228	1.520	0.662	
11	V - Fig 3	000034	Radium-228	1.500	0.309	
43	V - Fig 3	000075	Radium-228	1.460	0.461	
38	V - Fig 3	000013	Radium-228	1.460	0.288	
08	V - Fig 3	000031	Radium-228	1.450	0.316	
22	V - Fig 3	000045	Radium-228	1.430	0.323	
27	V - Fig 3	000022	Radium-228	1.400	0.250	
36	V - Fig 3	000019	Radium-228	1.390	0.297	
02	V - Fig 3	000042	Radium-228	1.390	0.239	
15	V - Fig 3	000054	Radium-228	1.370	0.299	
66	V - Fig 3	000077	Radium-228	1.360	0.977	
26	V - Fig 3	000024	Radium-228	1.360	0.197	
39	V - Fig 3	000012	Radium-228	1.340	0.249	
14	V - Fig 3	000053	Radium-228	1.320	0.536	
18	V - Fig 3	000043	Radium-228	1.320	0.269	
05	V - Fig 3	000036	Radium-228	1.320	0.225	
51	V - Fig 3	000008	Radium-228	1.310	0.551	
57	V - Fig 3	000002	Radium-228	1.300	0.331	
03	V - Fig 3	000037	Radium-228	1.290	0.397	
09	V - Fig 3	000032	Radium-228	1.270	0.325	
48	V - Fig 3	000010	Radium-228	1.270	0.314	
21	V - Fig 3	000023	Radium-228	1.260	0.326	
30	V - Fig 3	000016	Radium-228	1.250	0.231	
28	V - Fig 3	000020	Radium-228	1.240	0.277	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
12	V - Fig 3	000035	Radium-228	1.230	0.293	
52	V - Fig 3	000007	Radium-228	1.230	0.281	
40	V - Fig 3	000011	Radium-228	1.210	0.266	
10	V - Fig 3	000033	Radium-228	1.150	0.353	
41	V - Fig 3	000061	Radium-228	1.140	0.329	
58	V - Fig 3	000003	Radium-228	1.100	0.277	
56	V - Fig 3	000001	Radium-228	1.090	0.229	
23	V - Fig 3	000062	Radium-228	1.060	0.252	
20	V - Fig 3	000026	Radium-228	1.020	0.224	
25	V - Fig 3	000059	Radium-228	1.010	0.256	
68	V - Fig 3	000080	Radium-228	0.982	0.542	
19	V - Fig 3	000029	Radium-228	0.968	0.299	
53	V - Fig 3	000058	Radium-228	0.968	0.227	
60	V - Fig 3	000005	Radium-228	0.949	0.245	
59	V - Fig 3	000004	Radium-228	0.940	0.245	
67	V - Fig 3	000078	Radium-228	0.940	0.241	
31	V - Fig 3	000015	Radium-228	0.887	0.285	
65	V - Fig 3	000070	Radium-228	0.856	0.461	
55	V - Fig 3	000056	Radium-228	0.841	0.229	
33	V - Fig 3	000065	Radium-228	0.807	0.425	
04	V - Fig 3	000038	Radium-228	0.797	0.568	
54	V - Fig 3	000057	Radium-228	0.788	0.250	
32	V - Fig 3	000064	Radium-228	0.772	0.428	
64	V - Fig 3	000068	Radium-228	0.743	0.483	
13	V - Fig 3	000052	Radium-228	0.729	0.273	
29	V - Fig 3	000017	Radium-228	0.719	0.240	
50	V - Fig 3	000009	Radium-228	0.707	0.256	
49	V - Fig 3	000046	Radium-228	0.684	0.232	
63	V - Fig 3	000072	Radium-228	0.602	0.189	
62	V - Fig 3	000067	Radium-228	0.574	0.194	
34	V - Fig 3	000063	Radium-228	0.564	0.360	
42	V - Fig 3	000050	Radium-228	0.545	0.156	
61	V - Fig 3	000066	Radium-228	0.317	0.317	U
22	V - Fig 3	000045	Thorium-228	0.839	0.228	
28	V - Fig 3	000020	Thorium-228	0.833	0.525	
17	V - Fig 3	000025	Thorium-228	0.818	0.031	
39	V - Fig 3	000012	Thorium-228	0.803	0.027	
38	V - Fig 3	000013	Thorium-228	0.792	0.024	
21	V - Fig 3	000023	Thorium-228	0.789	0.027	
37	V - Fig 3	000014	Thorium-228	0.750	0.030	
23	V - Fig 3	000062	Thorium-228	0.748	0.223	
41	V - Fig 3	000061	Thorium-228	0.744	0.013	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
01	V - Fig 3	000041	Thorium-228	0.737	0.038	
02	V - Fig 3	000042	Thorium-228	0.735	0.020	
15	V - Fig 3	000054	Thorium-228	0.731	0.025	
16	V - Fig 3	000039	Thorium-228	0.723	0.028	
48	V - Fig 3	000010	Thorium-228	0.718	0.026	
30	V - Fig 3	000016	Thorium-228	0.700	0.043	
24	V - Fig 3	000060	Thorium-228	0.698	0.043	
05	V - Fig 3	000036	Thorium-228	0.687	0.032	
18	V - Fig 3	000043	Thorium-228	0.683	0.044	
31	V - Fig 3	000015	Thorium-228	0.676	0.035	
10	V - Fig 3	000033	Thorium-228	0.660	0.045	
36	V - Fig 3	000019	Thorium-228	0.659	0.031	
56	V - Fig 3	000001	Thorium-228	0.655	0.030	
57	V - Fig 3	000002	Thorium-228	0.651	0.045	
07	V - Fig 3	000028	Thorium-228	0.637	0.030	
04	V - Fig 3	000038	Thorium-228	0.628	0.044	
40	V - Fig 3	000011	Thorium-228	0.617	0.018	
08	V - Fig 3	000031	Thorium-228	0.615	0.026	
11	V - Fig 3	000034	Thorium-228	0.613	0.015	
09	V - Fig 3	000032	Thorium-228	0.596	0.032	
43	V - Fig 3	000075	Thorium-228	0.586	0.011	
51	V - Fig 3	000008	Thorium-228	0.582	0.034	
60	V - Fig 3	000005	Thorium-228	0.566	0.033	
35	V - Fig 3	000021	Thorium-228	0.565	0.025	
19	V - Fig 3	000029	Thorium-228	0.560	0.019	
12	V - Fig 3	000035	Thorium-228	0.557	0.028	
59	V - Fig 3	000004	Thorium-228	0.550	0.025	
25	V - Fig 3	000059	Thorium-228	0.546	0.025	
13	V - Fig 3	000052	Thorium-228	0.529	0.020	
49	V - Fig 3	000046	Thorium-228	0.523	0.036	
27	V - Fig 3	000022	Thorium-228	0.510	0.024	
66	V - Fig 3	000077	Thorium-228	0.506	0.027	
58	V - Fig 3	000003	Thorium-228	0.503	0.025	
53	V - Fig 3	000058	Thorium-228	0.495	0.023	
52	V - Fig 3	000007	Thorium-228	0.473	0.031	
14	V - Fig 3	000053	Thorium-228	0.473	0.013	
20	V - Fig 3	000026	Thorium-228	0.455	0.021	
03	V - Fig 3	000037	Thorium-228	0.444	0.044	
06	V - Fig 3	000040	Thorium-228	0.423	0.036	
29	V - Fig 3	000017	Thorium-228	0.413	0.021	
68	V - Fig 3	000080	Thorium-228	0.406	0.024	
67	V - Fig 3	000078	Thorium-228	0.381	0.029	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
64	V - Fig 3	000068	Thorium-228	0.369	0.023	
26	V - Fig 3	000024	Thorium-228	0.366	0.034	
55	V - Fig 3	000056	Thorium-228	0.363	0.025	
34	V - Fig 3	000063	Thorium-228	0.359	0.029	
65	V - Fig 3	000070	Thorium-228	0.359	0.020	
63	V - Fig 3	000072	Thorium-228	0.358	0.018	
54	V - Fig 3	000057	Thorium-228	0.326	0.029	
62	V - Fig 3	000067	Thorium-228	0.305	0.024	
50	V - Fig 3	000009	Thorium-228	0.298	0.027	
42	V - Fig 3	000050	Thorium-228	0.286	0.022	
32	V - Fig 3	000064	Thorium-228	0.265	0.023	
33	V - Fig 3	000065	Thorium-228	0.210	0.018	
61	V - Fig 3	000066	Thorium-228	0.199	0.019	
01	C - Fig 2	000001A	Thorium-230	10.440	10.440	U
23	C - Fig 2	000023A	Thorium-230	10.000	10.000	U
54	C - Fig 2	000054	Thorium-230	10.000	10.000	U
72	C - Fig 2	000072	Thorium-230	10.000	10.000	U
02	C - Fig 2	000002A	Thorium-230	9.840	9.840	U
14	C - Fig 2	000014A	Thorium-230	9.760	9.760	U
70	C - Fig 2	000070	Thorium-230	9.500	9.500	U
06	C - Fig 2	000006	Thorium-230	9.430	9.430	U
34	C - Fig 2	000034	Thorium-230	9.410	9.410	U
43	C - Fig 2	000043	Thorium-230	9.350	9.350	U
11	C - Fig 2	000011A	Thorium-230	9.310	9.310	U
62	C - Fig 2	000062	Thorium-230	9.310	9.310	U
61	C - Fig 2	000061	Thorium-230	9.230	9.230	U
26	C - Fig 2	000026	Thorium-230	9.090	9.090	U
15	C - Fig 2	000015A	Thorium-230	9.070	9.070	U
13	C - Fig 2	000013A	Thorium-230	9.000	9.000	U
12	C - Fig 2	000012A	Thorium-230	8.900	8.900	U
22	C - Fig 2	000022A	Thorium-230	8.710	8.710	U
03	C - Fig 2	000003A	Thorium-230	8.580	8.580	U
71	C - Fig 2	000071	Thorium-230	8.370	8.370	U
50	C - Fig 2	000050	Thorium-230	8.310	8.310	U
20	C - Fig 2	000020	Thorium-230	8.180	8.180	U
53	C - Fig 2	000053	Thorium-230	8.070	8.070	U
41	C - Fig 2	000041	Thorium-230	8.020	8.020	U
25	C - Fig 2	000025	Thorium-230	7.930	7.930	U
05	C - Fig 2	000005A	Thorium-230	7.910	7.910	U
24	C - Fig 2	000024	Thorium-230	7.810	7.810	U
33	C - Fig 2	000033	Thorium-230	7.610	7.610	U
51	C - Fig 2	000051	Thorium-230	7.560	7.560	U

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
00	C - Fig 2	000000	Thorium-230	7.340	7.340	U
21	C - Fig 2	000021A	Thorium-230	7.280	7.280	U
45	C - Fig 2	000045	Thorium-230	7.150	7.150	U
44	C - Fig 2	000044	Thorium-230	7.090	7.090	U
52	C - Fig 2	000052	Thorium-230	7.030	7.030	U
32	C - Fig 2	000032	Thorium-230	7.000	7.000	U
35	C - Fig 2	000035	Thorium-230	6.840	6.840	U
42	C - Fig 2	000042	Thorium-230	6.570	6.570	U
16	C - Fig 2	000016	Thorium-230	6.540	6.540	U
04	C - Fig 2	000004A	Thorium-230	6.140	6.140	U
36	C - Fig 2	000036	Thorium-230	5.940	5.940	U
63	C - Fig 2	000063	Thorium-230	4.940	4.940	U
60	C - Fig 2	000060	Thorium-230	4.770	4.770	U
59	C - Fig 2	000059	Thorium-230	4.410	4.410	U
10	C - Fig 2	000010A	Thorium-230	2.250	8.920	U
24	V - Fig 3	000060	Thorium-230	0.990	0.023	
41	V - Fig 3	000061	Thorium-230	0.981	0.008	
31	C - Fig 2	000031	Thorium-230	0.960	0.740	U
37	V - Fig 3	000014	Thorium-230	0.939	0.013	
23	V - Fig 3	000062	Thorium-230	0.913	0.130	
15	V - Fig 3	000054	Thorium-230	0.887	0.013	
17	V - Fig 3	000025	Thorium-230	0.843	0.006	
21	V - Fig 3	000023	Thorium-230	0.814	0.010	
28	V - Fig 3	000020	Thorium-230	0.795	0.154	
36	V - Fig 3	000019	Thorium-230	0.749	0.015	
02	V - Fig 3	000042	Thorium-230	0.745	0.014	
38	V - Fig 3	000013	Thorium-230	0.744	0.006	
31	V - Fig 3	000015	Thorium-230	0.728	0.014	
39	V - Fig 3	000012	Thorium-230	0.712	0.015	
25	V - Fig 3	000059	Thorium-230	0.671	0.010	
40	V - Fig 3	000011	Thorium-230	0.660	0.012	
16	V - Fig 3	000039	Thorium-230	0.634	0.006	
48	V - Fig 3	000010	Thorium-230	0.631	0.015	
07	V - Fig 3	000028	Thorium-230	0.615	0.012	
18	V - Fig 3	000043	Thorium-230	0.608	0.022	
49	V - Fig 3	000046	Thorium-230	0.607	0.015	
08	V - Fig 3	000031	Thorium-230	0.601	0.013	
57	V - Fig 3	000002	Thorium-230	0.598	0.021	
66	V - Fig 3	000077	Thorium-230	0.593	0.010	
56	V - Fig 3	000001	Thorium-230	0.588	0.014	
30	V - Fig 3	000016	Thorium-230	0.585	0.024	
27	V - Fig 3	000022	Thorium-230	0.582	0.007	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
19	V - Fig 3	000029	Thorium-230	0.577	0.012	
11	V - Fig 3	000034	Thorium-230	0.576	0.009	
01	V - Fig 3	000041	Thorium-230	0.573	0.024	
67	V - Fig 3	000078	Thorium-230	0.562	0.011	
35	V - Fig 3	000021	Thorium-230	0.541	0.014	
10	V - Fig 3	000033	Thorium-230	0.535	0.021	
13	V - Fig 3	000052	Thorium-230	0.527	0.012	
34	V - Fig 3	000063	Thorium-230	0.524	0.012	
12	V - Fig 3	000035	Thorium-230	0.523	0.017	
22	V - Fig 3	000045	Thorium-230	0.494	0.092	
55	V - Fig 3	000056	Thorium-230	0.494	0.010	
58	V - Fig 3	000003	Thorium-230	0.489	0.007	
51	V - Fig 3	000008	Thorium-230	0.484	0.018	
42	V - Fig 3	000050	Thorium-230	0.482	0.011	
06	V - Fig 3	000040	Thorium-230	0.476	0.016	
09	V - Fig 3	000032	Thorium-230	0.474	0.007	
53	V - Fig 3	000058	Thorium-230	0.472	0.012	
05	V - Fig 3	000036	Thorium-230	0.458	0.008	
54	V - Fig 3	000057	Thorium-230	0.458	0.006	
68	V - Fig 3	000080	Thorium-230	0.457	0.010	
14	V - Fig 3	000053	Thorium-230	0.447	0.008	
04	V - Fig 3	000038	Thorium-230	0.446	0.010	
60	V - Fig 3	000005	Thorium-230	0.431	0.007	
63	V - Fig 3	000072	Thorium-230	0.421	0.012	
20	V - Fig 3	000026	Thorium-230	0.415	0.006	
59	V - Fig 3	000004	Thorium-230	0.414	0.011	
52	V - Fig 3	000007	Thorium-230	0.397	0.013	
26	V - Fig 3	000024	Thorium-230	0.370	0.012	
03	V - Fig 3	000037	Thorium-230	0.367	0.020	
32	V - Fig 3	000064	Thorium-230	0.356	0.010	
50	V - Fig 3	000009	Thorium-230	0.327	0.012	
64	V - Fig 3	000068	Thorium-230	0.318	0.010	
61	V - Fig 3	000066	Thorium-230	0.295	0.011	
33	V - Fig 3	000065	Thorium-230	0.288	0.004	
43	V - Fig 3	000075	Thorium-230	0.274	0.009	
29	V - Fig 3	000017	Thorium-230	0.267	0.014	
65	V - Fig 3	000070	Thorium-230	0.252	0.005	
62	V - Fig 3	000067	Thorium-230	0.230	0.010	
12	C - Fig 2	000012A	Thorium-232	1.300	0.340	
03	C - Fig 2	000003A	Thorium-232	1.130	0.340	
02	C - Fig 2	000002A	Thorium-232	1.130	0.210	
21	C - Fig 2	000021A	Thorium-232	1.130	0.100	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
01	C - Fig 2	000001A	Thorium-232	1.090	0.160	
05	C - Fig 2	000005A	Thorium-232	1.060	0.200	
31	C - Fig 2	000031	Thorium-232	1.050	0.110	
04	C - Fig 2	000004A	Thorium-232	1.010	0.090	
14	C - Fig 2	000014A	Thorium-232	0.980	0.110	
54	C - Fig 2	000054	Thorium-232	0.970	0.200	
23	C - Fig 2	000023A	Thorium-232	0.960	0.290	
13	C - Fig 2	000013A	Thorium-232	0.960	0.280	
11	C - Fig 2	000011A	Thorium-232	0.960	0.200	
34	C - Fig 2	000034	Thorium-232	0.960	0.170	
15	C - Fig 2	000015A	Thorium-232	0.960	0.150	
00	C - Fig 2	000000	Thorium-232	0.950	0.240	
20	C - Fig 2	000020	Thorium-232	0.930	0.220	
10	C - Fig 2	000010A	Thorium-232	0.910	0.120	
62	C - Fig 2	000062	Thorium-232	0.850	0.190	
22	C - Fig 2	000022A	Thorium-232	0.820	0.170	
72	C - Fig 2	000072	Thorium-232	0.800	0.160	
50	C - Fig 2	000050	Thorium-232	0.800	0.150	
61	C - Fig 2	000061	Thorium-232	0.780	0.180	
33	C - Fig 2	000033	Thorium-232	0.770	0.110	
63	C - Fig 2	000063	Thorium-232	0.770	0.070	
25	C - Fig 2	000025	Thorium-232	0.740	0.140	
38	V - Fig 3	000013	Thorium-232	0.735	0.017	
43	C - Fig 2	000043	Thorium-232	0.730	0.140	
01	V - Fig 3	000041	Thorium-232	0.715	0.030	
53	C - Fig 2	000053	Thorium-232	0.710	0.140	
37	V - Fig 3	000014	Thorium-232	0.692	0.011	
32	C - Fig 2	000032	Thorium-232	0.690	0.260	
42	C - Fig 2	000042	Thorium-232	0.690	0.120	
39	V - Fig 3	000012	Thorium-232	0.687	0.011	
36	C - Fig 2	000036	Thorium-232	0.670	0.080	
02	V - Fig 3	000042	Thorium-232	0.661	0.007	
40	V - Fig 3	000011	Thorium-232	0.661	0.006	
06	C - Fig 2	000006	Thorium-232	0.660	0.160	
17	V - Fig 3	000025	Thorium-232	0.656	0.011	
23	V - Fig 3	000062	Thorium-232	0.654	0.099	
15	V - Fig 3	000054	Thorium-232	0.650	0.010	
16	C - Fig 2	000016	Thorium-232	0.640	0.250	
36	V - Fig 3	000019	Thorium-232	0.640	0.012	
31	V - Fig 3	000015	Thorium-232	0.629	0.012	
18	V - Fig 3	000043	Thorium-232	0.620	0.017	
56	V - Fig 3	000001	Thorium-232	0.616	0.016	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
41	V - Fig 3	000061	Thorium-232	0.615	0.004	
48	V - Fig 3	000010	Thorium-232	0.613	0.018	
30	V - Fig 3	000016	Thorium-232	0.594	0.018	
21	V - Fig 3	000023	Thorium-232	0.592	0.010	
22	V - Fig 3	000045	Thorium-232	0.590	0.092	
35	V - Fig 3	000021	Thorium-232	0.585	0.011	
24	V - Fig 3	000060	Thorium-232	0.573	0.027	
57	V - Fig 3	000002	Thorium-232	0.572	0.016	
52	C - Fig 2	000052	Thorium-232	0.570	0.270	
70	C - Fig 2	000070	Thorium-232	0.560	0.440	
45	C - Fig 2	000045	Thorium-232	0.550	0.120	
24	C - Fig 2	000024	Thorium-232	0.540	0.330	
26	C - Fig 2	000026	Thorium-232	0.540	0.160	
10	V - Fig 3	000033	Thorium-232	0.538	0.027	
07	V - Fig 3	000028	Thorium-232	0.537	0.007	
27	V - Fig 3	000022	Thorium-232	0.524	0.017	
16	V - Fig 3	000039	Thorium-232	0.517	0.011	
12	V - Fig 3	000035	Thorium-232	0.508	0.013	
09	V - Fig 3	000032	Thorium-232	0.508	0.012	
71	C - Fig 2	000071	Thorium-232	0.500	0.500	U
11	V - Fig 3	000034	Thorium-232	0.499	0.005	
19	V - Fig 3	000029	Thorium-232	0.491	0.015	
05	V - Fig 3	000036	Thorium-232	0.487	0.017	
43	V - Fig 3	000075	Thorium-232	0.484	0.004	
60	C - Fig 2	000060	Thorium-232	0.480	0.120	
49	V - Fig 3	000046	Thorium-232	0.473	0.013	
51	V - Fig 3	000008	Thorium-232	0.465	0.020	
14	V - Fig 3	000053	Thorium-232	0.455	0.004	
13	V - Fig 3	000052	Thorium-232	0.450	0.015	
08	V - Fig 3	000031	Thorium-232	0.447	0.019	
25	V - Fig 3	000059	Thorium-232	0.444	0.010	
53	V - Fig 3	000058	Thorium-232	0.435	0.014	
03	V - Fig 3	000037	Thorium-232	0.425	0.020	
58	V - Fig 3	000003	Thorium-232	0.424	0.015	
04	V - Fig 3	000038	Thorium-232	0.416	0.017	
60	V - Fig 3	000005	Thorium-232	0.416	0.012	
59	C - Fig 2	000059	Thorium-232	0.410	0.080	
66	V - Fig 3	000077	Thorium-232	0.410	0.010	
06	V - Fig 3	000040	Thorium-232	0.396	0.009	
26	V - Fig 3	000024	Thorium-232	0.395	0.012	
51	C - Fig 2	000051	Thorium-232	0.390	0.390	U
28	V - Fig 3	000020	Thorium-232	0.375	0.321	

Table 4: Onsite and Offsite Radiological Results (pCi/g)

Location	Project Code	MEIMS ID	Analyte	Result	MDA	Lab Qual
29	V - Fig 3	000017	Thorium-232	0.369	0.017	
52	V - Fig 3	000007	Thorium-232	0.367	0.007	
59	V - Fig 3	000004	Thorium-232	0.361	0.011	
68	V - Fig 3	000080	Thorium-232	0.352	0.006	
41	C - Fig 2	000041	Thorium-232	0.350	0.330	
64	V - Fig 3	000068	Thorium-232	0.343	0.010	
65	V - Fig 3	000070	Thorium-232	0.343	0.009	
20	V - Fig 3	000026	Thorium-232	0.341	0.011	
44	C - Fig 2	000044	Thorium-232	0.340	0.290	
34	V - Fig 3	000063	Thorium-232	0.338	0.010	
35	C - Fig 2	000035	Thorium-232	0.330	0.330	U
54	V - Fig 3	000057	Thorium-232	0.306	0.011	
63	V - Fig 3	000072	Thorium-232	0.302	0.015	
67	V - Fig 3	000078	Thorium-232	0.293	0.011	
50	V - Fig 3	000009	Thorium-232	0.286	0.014	
32	V - Fig 3	000064	Thorium-232	0.284	0.010	
55	V - Fig 3	000056	Thorium-232	0.277	0.010	
62	V - Fig 3	000067	Thorium-232	0.235	0.006	
61	V - Fig 3	000066	Thorium-232	0.219	0.012	
33	V - Fig 3	000065	Thorium-232	0.218	0.007	
42	V - Fig 3	000050	Thorium-232	0.202	0.013	

C: characterization samples collected on 3 & 10 October 2001 (shown on Figure 2)
J: estimated value
MDA: minimum detectable activity
MEIMS: Mound Environmental Information ManagementSystem
U: not detected at the specified detection limit
V: verification samples collected on 21-24 January 2002 (shown on Figure 3)

Table 5: Maximum COC Results (pCi/g)

COC	Maximum Result	Cleanup Objective
bismuth-207	0.14	1.20
bismuth-210M	0.27	8.30
cesium-137	0.74	3.80
cobalt-60	0.50	0.70
lead-210	3.41	7.40
plutonium-238	54.0	55
radium-226	2.87	2.90
thorium-232	1.30	2.10

COC: contaminant of concern

APPENDIX C

PHOTOGRAPH DOCUMENTATION

Photo Documentation

Photo 1: before

Photo 2: during

Photo 3: after