

**ISRA 009, Area II
AP/STP-1B, -1C-1, -1C-2 and -1E-2
Soil Sampling for Radionuclides
Waste Certification**

Introduction

This data package provides the laboratory results of the 54 samples taken at the AP/STP site in Area II during 2010, and 35 samples taken at the AP/STP site during 2011. Soil sample locations are shown in Appendix 1. Soil sample results were compared to the preliminary USEPA radiological trigger levels (RTLs) in order to determine if soil exceeds background as required for the NASA/DTSC Administrative Order on Consent (AOC)¹.

Methodology

Samples taken for waste disposal characterization were analyzed for strontium-90, tritium and gamma emitting radionuclides by gamma spectroscopy, using an off-site laboratory². Minimum detectable concentrations (MDC) for cesium-137 and strontium-90 averaged ~0.043 pCi/g and ~0.047 pCi/g respectively. Minimum detectable concentration for tritium averaged ~0.77 pCi/g. The gamma spectroscopy library also included the following contaminants-of-concern: Na-22, K-40, Mn-54, Co-60, Cs-134, Eu-152, Eu-154, Th-228, Th-232, U-235, U-238 and Am-241.

NASA and DTSC have signed an AOC that requires soils on Area II and portions of Area I to be cleaned up to background³. The USEPA has characterized local radionuclide background⁴ in soil and has published preliminary radiological trigger levels (RTL) based on the higher of background threshold values (BTV) or minimum detectable concentrations (MDC)⁵.

On August 23, 2012, DTSC sent NASA a letter regarding excavation of ISRA soil⁶. In the letter, DTSC stated,

¹ "Administrative Order on Consent for Remedial Action (AOC)", December 6, 2010, signed by the National Aeronautics and Space Administration (NASA) and the Department of Toxic Substances Control (DTSC).

² Boeing, "ISRA Soil Management Plan", Attachment A, "ISRA Sampling for Radionuclides", July 2009.

³ Page 5, Section 2.1 of the AOC states, "The cleanup of soils at the Site [Area II and portions of Area I] shall result in the end state of the Site after cleanup to be consistent with "background." That is, at the completion of the cleanup, no contaminants shall remain in the soil above local background levels, with the exception of the exercise of the exemptions that are specifically expressed in the AIP. All response actions taken pursuant to this Order shall be performed so as to accomplish this objective, in full compliance with the terms and conditions detailed in the AIP, and in accordance with workplans that have been submitted to and approved by DTSC. Similarly, to the extent any radiological materials are determined to be present at this portion of the Site, the cleanup of soils at the Site contaminated with radiological materials shall result in no radiological contaminants remaining in the soil above local background levels, with the exception of the exercise of the same exemptions expressed in the AIP."

⁴ USEPA, "Final Radiological Background Study Report, Santa Susana Field Laboratory, Ventura County, California", October 2011.

⁵ USEPA, "Technical Memorandum, Radiological Trigger Levels, Santa Susana Field Laboratory Site, Area IV Radiological Study", December 12, 2011.

⁶ DTSC, "Management and Disposal of Radionuclide-impacted Soil Excavated for Interim Source Removal Actions on NASA Property, Santa Susana Field Laboratory, Ventura County, California", August 23, 2012

"DTSC agrees with using the December 2011 USEPA RTLs for all radionuclides as the values for disposal of the ISRA soils. DTSC has concluded that use of the RTLs will not be inconsistent with SSFL radiological Lookup Table values."

"ISRA radiological soil sample results that exceed the RTLs and that have not been re-sampled may be re-sampled to evaluate the initial RTL exceedance. Soil at locations characterized by initial and re-sample radiological results exceeding their respective RTLs will be removed and disposed of at a LLRW disposal facility, per Section 2.10 of the AOC."

"Validated radiological sample concentrations below the sample MDC can be treated as "non-detects" and the associated soil is not subject to the Section 2.10, AOC soil disposal conditions."

Results

Appendix 2 shows the soil radionuclide data for the samples taken at AP/STP, including re-sampling where initial results exceeded RTLs. Only location APWC0030, in AP/STP-1C-1, exceeded the uranium-238 RTL in both original and resample analysis (see page 8 of Appendix 2). This location is fenced and excluded from the current AP/STP excavation. All other results were either non-detect (less than MDC) and/or less than the RTL in either the original analyses or in re-sampled analyses.

Conclusions

Location APWC0030 in AP/STP-1C-1 exceeded the uranium-238 RTL and is therefore subject to the requirements of Section 2.10 of the AOC. Therefore, this location will be excavated at a later date.

Excavated soil from all other locations in AP/STP-1C-1, and all locations in AP/STP-1B, AP/STP-1C-2 and AP/STP-1E-2 is released for disposal with no radiological restrictions.



Phil Rutherford
Manager, Health, Safety & Radiation Services

Appendix 1
AP/STP Sampling Locations

Outfall 009 Waste Characterization Sample Locations for AP/STP-1B

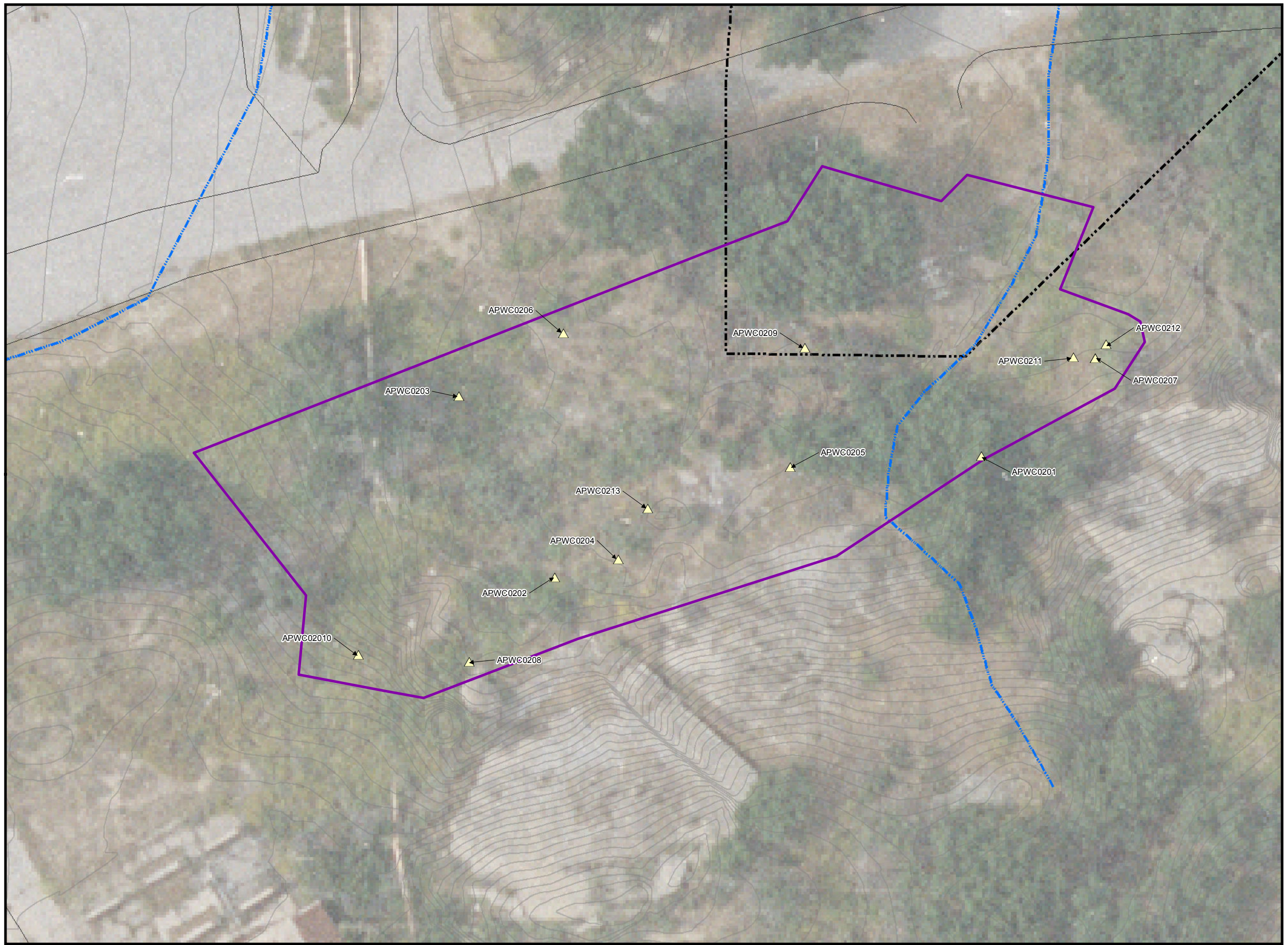
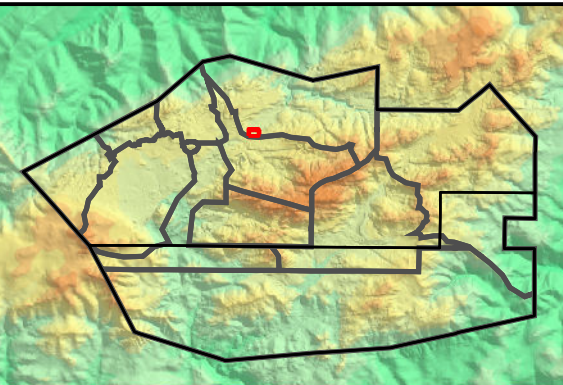
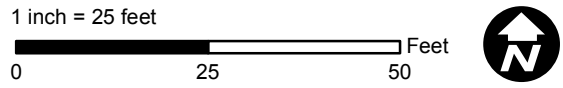
- Base Map Legend**
- Administrative Area Boundary
 - RFI Site Boundary
 - Report Group Boundary
 - NPDES Outfall
 - A/C Paving
 - Drainage
 - Non Jurisdictional Surface Water Pathway
 - Surface Water Divide

- Base Map Legend**
- ISRA Excavation Boundary
 - Waste Characterization Sample Location

Note:

1. Sample locations and depths were randomly selected. The 3ft x 3ft grid used in the sample location selection process is shown.
2. Aerial imagery from Google Earth, 2010.
3. Topographic contours from Lidar data, 2008.

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SANTA SUSANA FIELD LABORATORY

FIGURE 1

Outfall 009 Waste Characterization Sample Locations for AP/STP-1C-1

- Base Map Legend**
- Administrative Area
 - Boundary
 - RFI Site Boundary
 - Report Group Boundary
 - NPDES Outfall
 - A/C Paving
 - Drainage
 - Non Jurisdictional Surface Water Pathway
 - Surface Water Divide

- Base Map Legend**
- ISRA Excavation Boundary
 - Waste Characterization Sample Location

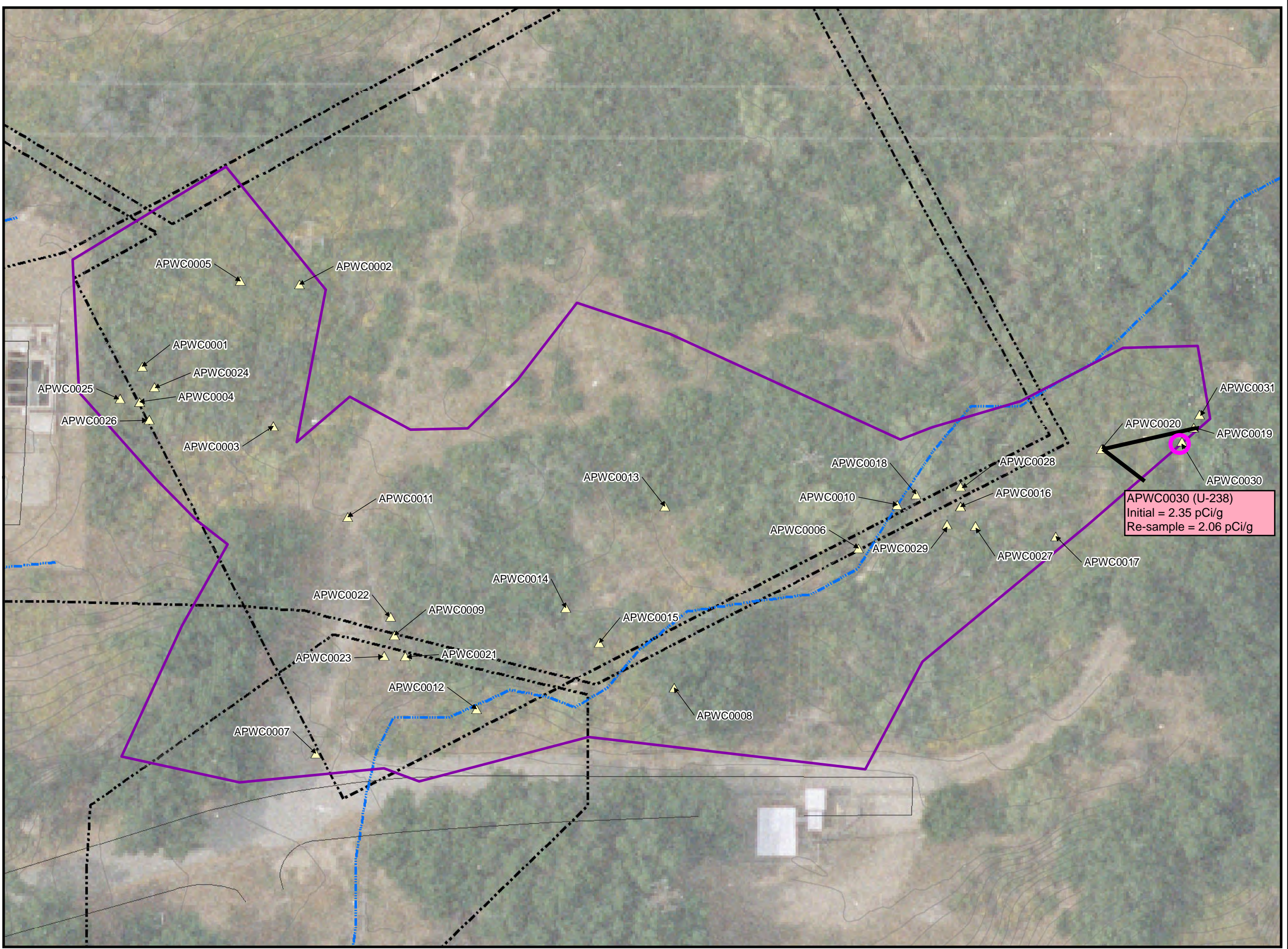
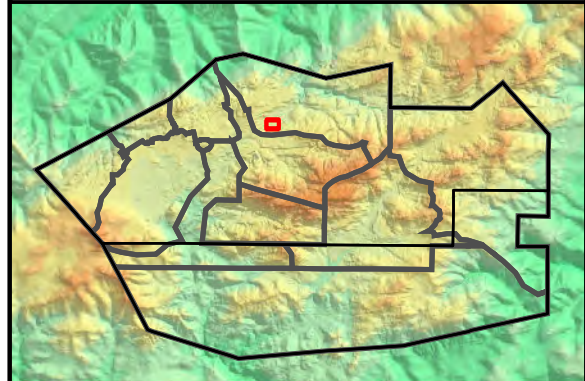
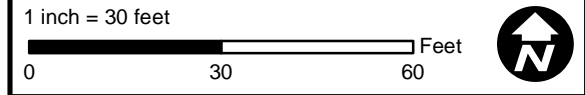
December 2011 Trigger Levels
 Cs-137 = 0.207 pCi/g
 U-235 = 0.151 pCi/g
 U-238 = 1.80 pCi/g

- Resampling necessary because initial result is non-detect, however, the detection limit is above the trigger level.
- Resampling necessary to confirm the initial radionuclide result that met or exceeded the trigger level.
- Resampling confirmed the initial radionuclide result that met or exceeded the trigger level.

Note:

1. Sample locations and depths were randomly selected. The 3ft x 3ft grid used in the sample location selection process is shown.
2. Aerial imagery from Google Earth, 2010.
3. Topographic contours from Lidar data, 2008.

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Outfall 009 Waste Characterization Sample Locations for AP/STP-1C-2

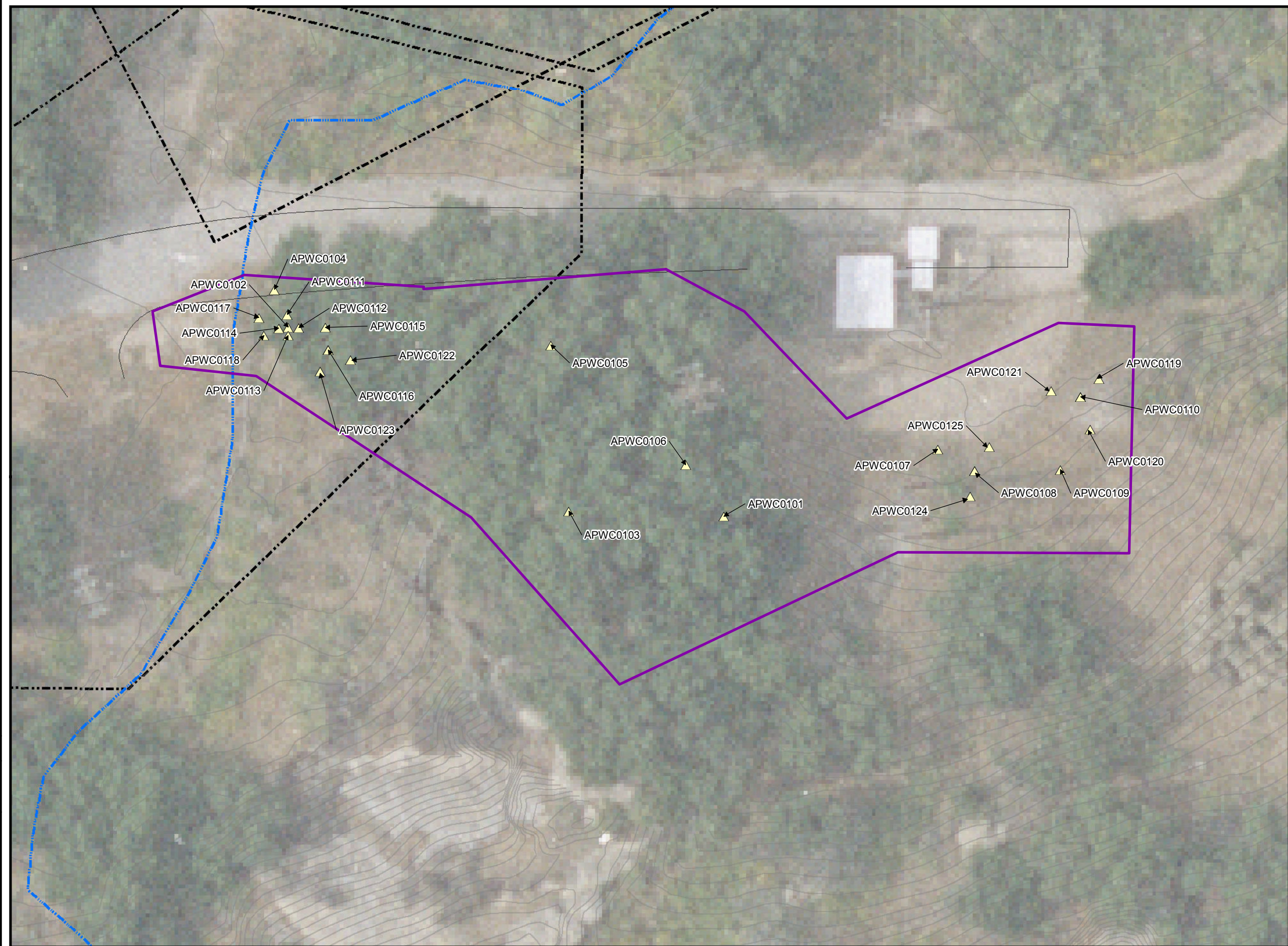
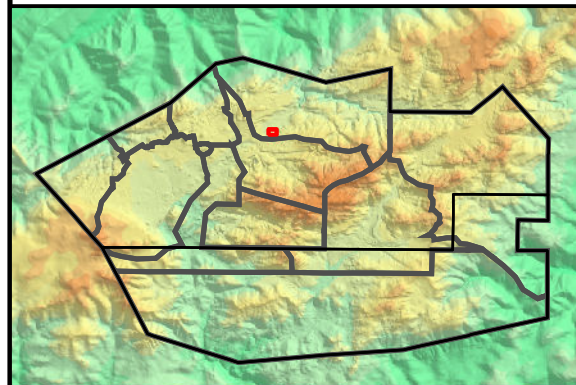
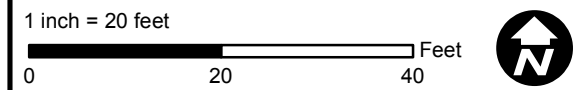
- Base Map Legend**
- Administrative Area Boundary
 - RFI Site Boundary
 - Report Group Boundary
 - NPDES Outfall
 - A/C Paving
 - Drainage
 - Non Jurisdictional Surface Water Pathway
 - Surface Water Divide

- Base Map Legend**
- ISRA Excavation Boundary
 - Waste Characterization Sample Location

Note:

1. Sample locations and depths were randomly selected. The 3ft x 3ft grid used in the sample location selection process is shown.
2. Aerial imagery from Google Earth, 2010.
3. Topographic contours from Lidar data, 2008.

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Outfall 009
Sample Locations for AP/STP - 1E-1,
AP/STP - 1E-2, AP/STP - 1E-3

Base Map Legend












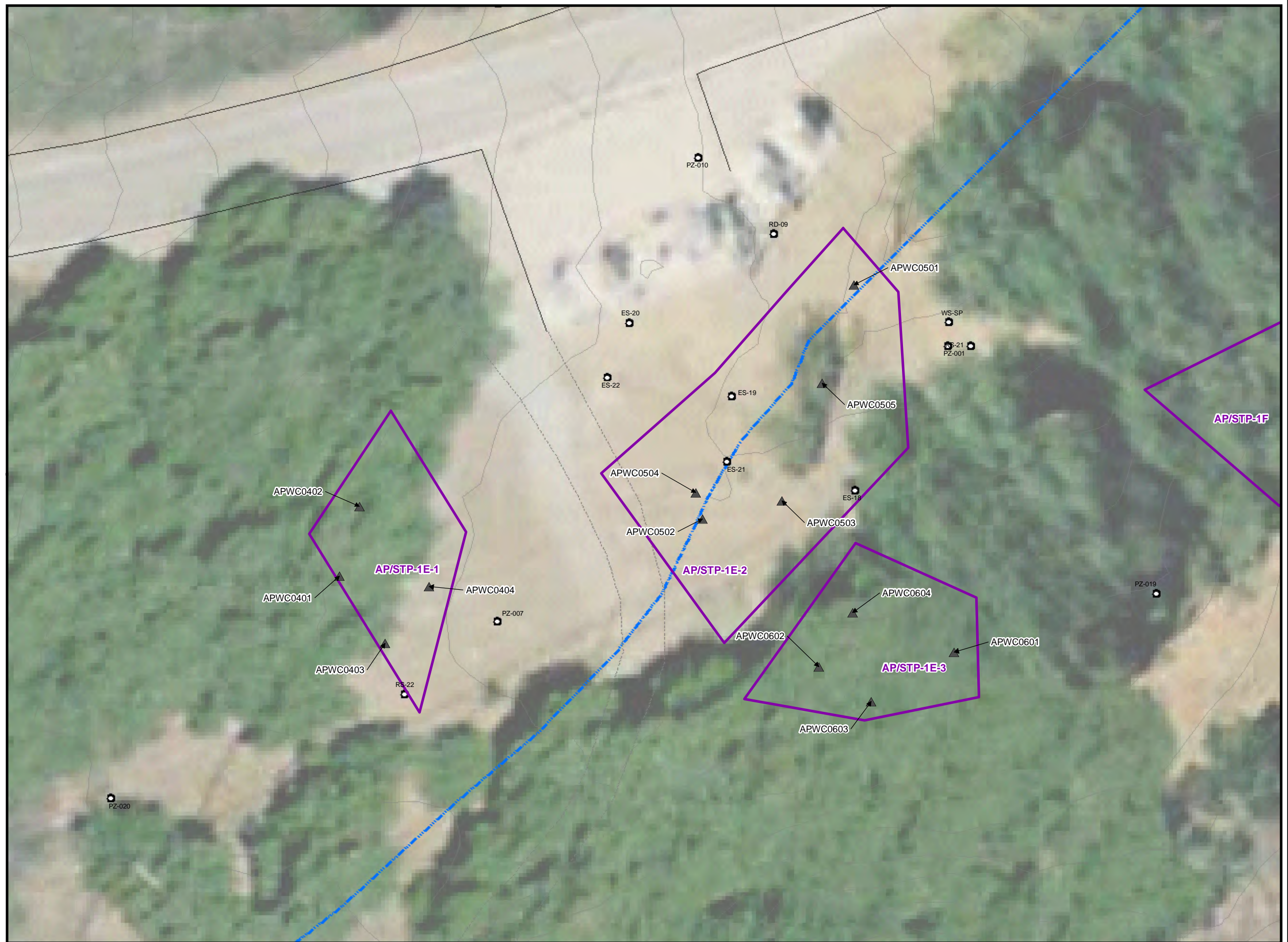
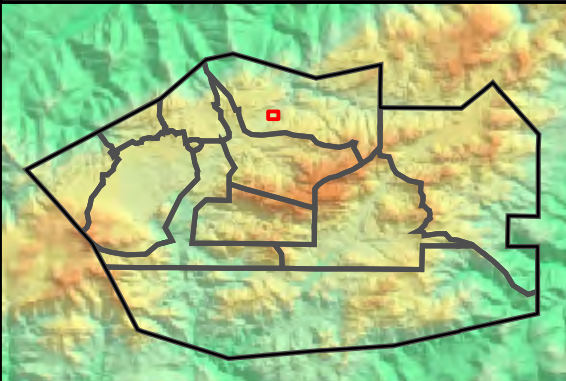
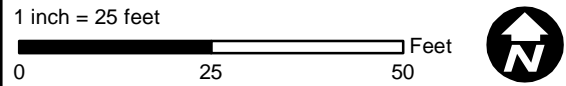
-  Administrative Area Boundary
-  RFI Site Boundary
-  Report Group Boundary
-  NPDES Outfall
-  Dirt Road
-  A/C Paving
-  Drainage
-  Non Jurisdictional Surface Water Pathway
-  Surface Water Divide
-  Elevation Contour

Figure Legend

-  Waste Characterization Sample



Document: ISRA_Plots_SP_RD47_SampleLocations_060710.mxd Date: Jun 22, 2010



Appendix 2
AP/STP Radionuclide Results

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Americium-241	0.0165	0.0756	0.134	0.0454	MDC	-	-	-	-	0.0165	-	YES	2.95	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Americium-241	-0.0369	0.112	0.205	0.0454	MDC	-	-	-	-	-0.0369	-	YES	4.52	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Americium-241	-0.0216	0.101	0.171	0.0454	MDC	-	-	-	-	-0.0216	-	YES	3.77	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Americium-241	0.0201	0.0275	0.0461	0.0454	MDC	-	-	-	-	0.0201	-	YES	1.02	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Americium-241	0.0435	0.0381	0.0643	0.0454	MDC	-	-	-	-	0.0435	-	YES	1.42	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Americium-241	0.007	0.106	0.175	0.0454	MDC	-	-	-	-	0.007	-	YES	3.85	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Americium-241	0.00498	0.0634	0.106	0.0454	MDC	-	-	-	-	0.00498	-	YES	2.33	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Americium-241	-0.0342	0.0665	0.124	0.0454	MDC	-	-	-	-	-0.0342	-	YES	2.73	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Americium-241	0.0351	0.0831	0.136	0.0454	MDC	-	-	-	-	0.0351	-	YES	3.00	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Americium-241	0.0143	0.119	0.225	0.0454	MDC	-	-	-	-	0.0143	-	YES	4.96	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Americium-241	0.02	0.0422	0.0665	0.0454	MDC	-	-	-	-	0.02	-	YES	1.46	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Cesium-134	0	0.0383	0.0483	0.0864	MDC	-	-	-	-	0	-	-	0.56	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Cesium-134	0.0351	0.032	0.0514	0.0864	MDC	-	-	-	-	0.0351	-	-	0.59	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Cesium-134	0	0.0286	0.0402	0.0864	MDC	-	-	-	-	0	-	-	0.47	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Cesium-134	0	0.0317	0.0549	0.0864	MDC	-	-	-	-	0	-	-	0.64	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Cesium-134	0	0.0355	0.062	0.0864	MDC	-	-	-	-	0	-	-	0.72	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Cesium-134	0	0.0399	0.056	0.0864	MDC	-	-	-	-	0	-	-	0.65	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Cesium-134	0	0.0452	0.0608	0.0864	MDC	-	-	-	-	0	-	-	0.70	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Cesium-134	0	0.0424	0.0524	0.0864	MDC	-	-	-	-	0	-	-	0.61	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Cesium-134	0	0.0379	0.052	0.0864	MDC	-	-	-	-	0	-	-	0.60	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Cesium-134	0	0.0434	0.061	0.0864	MDC	-	-	-	-	0	-	-	0.71	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Cesium-134	0	0.0567	0.0772	0.0864	MDC	-	-	-	-	0	-	-	0.89	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Cesium-137	0.13	0.0433	0.0337	0.207	BTV	-	YES	0.13	-	-	-	-	0.16	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Cesium-137	0.177	0.0365	0.04	0.207	BTV	-	YES	0.177	-	-	-	-	0.19	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Cesium-137	0.00481	0.0171	0.0307	0.207	BTV	-	-	-	-	0.00481	-	-	0.15	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Cesium-137	0.0577	0.0373	0.0361	0.207	BTV	-	YES	0.0577	-	-	-	-	0.17	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Cesium-137	0.0561	0.04	0.0433	0.207	BTV	-	YES	0.0561	-	-	-	-	0.21	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Cesium-137	-0.000548	0.0242	0.0426	0.207	BTV	-	-	-	-	-0.000548	-	-	0.21	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Cesium-137	0.163	0.0508	0.0351	0.207	BTV	-	YES	0.163	-	-	-	-	0.17	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Cesium-137	0.119	0.0418	0.0344	0.207	BTV	-	YES	0.119	-	-	-	-	0.17	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Cesium-137	0.0517	0.0299	0.034	0.207	BTV	-	YES	0.0517	-	-	-	-	0.16	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Cesium-137	0.032	0.0319	0.0389	0.207	BTV	-	-	-	-	0.032	-	-	0.19	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Cesium-137	0.15	0.0642	0.0543	0.207	BTV	-	YES	0.15	-	-	-	-	0.26	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Cobalt-60	0.00235	0.0192	0.0329	0.028	MDC	-	-	-	-	0.00235	-	YES	1.18	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Cobalt-60	-0.00673	0.0235	0.0389	0.028	MDC	-	-	-	-	-0.00673	-	YES	1.39	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Cobalt-60	0.00691	0.018	0.0312	0.028	MDC	-	-	-	-	0.00691	-	YES	1.11	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Cobalt-60	0.0189	0.0225	0.0411	0.028	MDC	-	-	-	-	0.0189	-	YES	1.47	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Cobalt-60	0.00333	0.0233	0.0394	0.028	MDC	-	-	-	-	0.00333	-	YES	1.41	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Cobalt-60	-0.0193	0.0251	0.0404	0.028	MDC	-	-	-	-	-0.0193	-	YES	1.44	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Cobalt-60	-0.00249	0.0242	0.0407	0.028	MDC	-	-	-	-	-0.00249	-	YES	1.45	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Cobalt-60	0.0146	0.0206	0.0371	0.028	MDC	-	-	-	-	0.0146	-	YES	1.33	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Cobalt-60	-0.00821	0.0207	0.0332	0.028	MDC	-	-	-	-	-0.00821	-	YES	1.19	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Cobalt-60	0.00228	0.0238	0.0411	0.028	MDC	-	-	-	-	0.00228	-	YES	1.47	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Cobalt-60	-0.0101	0.0372	0.056	0.028	MDC	-	-	-	-	-0.0101	-	YES	2.00	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Europium-152	-0.00237	0.0583	0.0899	0.0566	MDC	-	-	-	-	-0.00237	-	YES	1.59	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Europium-152	0.0255	0.0658	0.103	0.0566	MDC	-	-	-	-	0.0255	-	YES	1.82	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Europium-152	-0.0349	0.0555	0.0745	0.0566	MDC	-	-	-	-	-0.0349	-	YES	1.32	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Europium-152	-0.051	0.0491	0.081	0.0566	MDC	-	-	-	-	-0.051	-	YES	1.43	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Europium-152	-0.00473	0.0715	0.11	0.0566	MDC	-	-	-	-	-0.00473	-	YES	1.94	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Europium-152	-0.0127	0.0677	0.103	0.0566	MDC	-	-	-	-	-0.0127	-	YES	1.82	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Europium-152	0.0194	0.0591	0.0975	0.0566	MDC	-	-	-	-	0.0194	-	YES	1.72	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Europium-152	-0.0137	0.0573	0.089	0.0566	MDC	-	-	-	-	-0.0137	-	YES	1.57	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Europium-152	-0.00364	0.0506	0.0855	0.0566	MDC	-	-	-	-	-0.00364	-	YES	1.51	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Europium-152	0.00246	0.0553	0.0953	0.0566	MDC	-	-	-	-	0.00246	-	YES	1.68	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Europium-152	-0.024	0.0793	0.124	0.0566	MDC	-	-	-	-	-0.024	-	YES	2.19	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Europium-154	0.0102	0.0666	0.115	0.15	MDC	-	-	-	-	0.0102	-	-	0.77	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Europium-154	-0.0121	0.0762	0.129	0.15	MDC	-	-	-	-	-0.0121	-	-	0.86	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Europium-154	-0.0141	0.0574	0.0964	0.15	MDC	-	-	-	-	-0.0141	-	-	0.64	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Europium-154	-0.0617	0.0744	0.12	0.15	MDC	-	-	-	-	-0.0617	-	-	0.80	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Europium-154	-0.0346	0.0813	0.132	0.15	MDC	-	-	-	-	-0.0346	-	-	0.88	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Europium-154	-0.0142	0.0744	0.127	0.15	MDC	-	-	-	-	-0.0142	-	-	0.85	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Europium-154	-0.0442	0.0734	0.119	0.15	MDC	-	-	-	-	-0.0442	-	-	0.79	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC02																			

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Manganese-54	-0.0232	0.0175	0.028	-	-	-	-	-	-	-0.0232	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Manganese-54	-0.0121	0.0204	0.0339	-	-	-	-	-	-	-0.0121	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Manganese-54	-0.0176	0.0242	0.0404	-	-	-	-	-	-	-0.0176	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Manganese-54	0.00445	0.0231	0.0405	-	-	-	-	-	-	0.00445	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Manganese-54	0.00146	0.0229	0.0392	-	-	-	-	-	-	0.00146	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Manganese-54	0.00504	0.0198	0.0342	-	-	-	-	-	-	0.00504	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Manganese-54	0.0123	0.0192	0.0348	-	-	-	-	-	-	0.0123	-	-	-	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Manganese-54	-0.00578	0.0219	0.0371	-	-	-	-	-	-	-0.00578	-	-	-	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Manganese-54	0.000194	0.0305	0.0553	-	-	-	-	-	-	0.000194	-	-	-	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Potassium-40	24.1	2.33	0.27	32.4	BTV	-	YES	24.1	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Potassium-40	22.5	2.27	0.302	32.4	BTV	-	YES	22.5	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Potassium-40	24.1	2.46	0.251	32.4	BTV	-	YES	24.1	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Potassium-40	24	2.26	0.276	32.4	BTV	-	YES	24	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Potassium-40	22.1	2.13	0.335	32.4	BTV	-	YES	22.1	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Potassium-40	22.5	2.23	0.284	32.4	BTV	-	YES	22.5	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Potassium-40	23.1	2.28	0.297	32.4	BTV	-	YES	23.1	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Potassium-40	23.8	2.27	0.258	32.4	BTV	-	YES	23.8	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Potassium-40	23.6	2.26	0.267	32.4	BTV	-	YES	23.6	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Potassium-40	23.6	2.4	0.258	32.4	BTV	-	YES	23.6	-	-	-	-	0.01	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Potassium-40	17.5	1.92	0.512	32.4	BTV	-	YES	17.5	-	-	-	-	0.02	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Sodium-22	0.00358	0.0234	0.0403	0.037	MDC	-	-	-	-	0.00358	-	YES	1.09	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Sodium-22	-0.00503	0.0267	0.045	0.037	MDC	-	-	-	-	-0.00503	-	YES	1.22	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Sodium-22	-0.00576	0.0202	0.0337	0.037	MDC	-	-	-	-	-0.00576	-	-	0.91	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Sodium-22	-0.0219	0.0261	0.0421	0.037	MDC	-	-	-	-	-0.0219	-	YES	1.14	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Sodium-22	-0.0122	0.0286	0.0465	0.037	MDC	-	-	-	-	-0.0122	-	YES	1.26	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Sodium-22	-0.00476	0.026	0.0445	0.037	MDC	-	-	-	-	-0.00476	-	YES	1.20	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Sodium-22	-0.0224	0.0263	0.0419	0.037	MDC	-	-	-	-	-0.0224	-	YES	1.13	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Sodium-22	0.000288	0.0236	0.0405	0.037	MDC	-	-	-	-	0.000288	-	YES	1.09	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Sodium-22	-0.00781	0.0243	0.0398	0.037	MDC	-	-	-	-	-0.00781	-	YES	1.08	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Sodium-22	0.00252	0.0273	0.0474	0.037	MDC	-	-	-	-	0.00252	-	YES	1.28	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Sodium-22	-0.0142	0.0329	0.0587	0.037	MDC	-	-	-	-	-0.0142	-	YES	1.59	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Strontium-90	0.0373	0.0307	0.0493	0.485	MDC	-	-	-	-	0.0373	-	-	0.10	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Strontium-90	0.015	0.028	0.0486	0.485	MDC	-	-	-	-	0.015	-	-	0.10	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Strontium-90	0.00895	0.0269	0.0475	0.485	MDC	-	-	-	-	0.00895	-	-	0.10	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Strontium-90	0.0169	0.024	0.0414	0.485	MDC	-	-	-	-	0.0169	-	-	0.09	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Strontium-90	0.00755	0.0249	0.0445	0.485	MDC	-	-	-	-	0.00755	-	-	0.09	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Strontium-90	-0.0155	0.02	0.0421	0.485	MDC	-	-	-	-	-0.0155	-	-	0.09	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Strontium-90	0.0178	0.0293	0.0508	0.485	MDC	-	-	-	-	0.0178	-	-	0.10	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Strontium-90	0.000434	0.0167	0.0327	0.485	MDC	-	-	-	-	0.000434	-	-	0.07	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Strontium-90	0.0344	0.0291	0.0462	0.485	MDC	-	-	-	-	0.0344	-	-	0.10	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Strontium-90	0.0473	0.0307	0.0483	0.485	MDC	-	-	-	-	0.0473	-	-	0.10	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Strontium-90	0.0164	0.0267	0.0465	0.485	MDC	-	-	-	-	0.0164	-	-	0.10	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Thorium-228	1.31	0.18	0.0527	3.98	BTV	-	YES	1.31	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Thorium-228	1.14	0.136	0.0604	3.98	BTV	-	YES	1.14	-	-	-	-	0.02	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Thorium-228	1.3	0.138	0.048	3.98	BTV	-	YES	1.3	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Thorium-228	1.39	0.167	0.0472	3.98	BTV	-	YES	1.39	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Thorium-228	1.43	0.187	0.0627	3.98	BTV	-	YES	1.43	-	-	-	-	0.02	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Thorium-228	1.26	0.144	0.0638	3.98	BTV	-	YES	1.26	-	-	-	-	0.02	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Thorium-228	1.27	0.141	0.0548	3.98	BTV	-	YES	1.27	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Thorium-228	1.18	0.126	0.0537	3.98	BTV	-	YES	1.18	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Thorium-228	1.28	0.161	0.0498	3.98	BTV	-	YES	1.28	-	-	-	-	0.01	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Thorium-228	1.4	0.166	0.0558	3.98	BTV	-	YES	1.4	-	-	-	-	0.01	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Thorium-228	1.03	0.131	0.0631	3.98	BTV	-	YES	1.03	-	-	-	-	0.02	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Thorium-232	1.47	0.26	0.118	3.1	BTV	-	YES	1.47	-	-	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Thorium-232	1.14	0.243	0.131	3.1	BTV	-	YES	1.14	-	-	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Thorium-232	1.43	0.25	0.108	3.1	BTV	-	YES	1.43	-	-	-	-	0.03	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Thorium-232	1.08	0.233	0.143	3.1	BTV	-	YES	1.08	-	-	-	-	0.05	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Thorium-232	1.55	0.257	0.157	3.1	BTV	-	YES	1.55	-	-	-	-	0.05	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Thorium-232	1.34	0.252	0.148	3.1	BTV	-	YES	1.34	-	-	-	-	0.05	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Thorium-232	1.37	0.226	0.139	3.1	BTV	-	YES	1.37	-	-	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Thorium-232	1.38	0.253	0.139	3.1	BTV	-	YES	1.38	-	-	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Thorium-232	1.31	0.257	0.116	3.1	BTV	-	YES	1.31	-	-	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Thorium-232	1.47	0.266	0.153	3.1	BTV	-	YES	1.47	-	-	-	-	0.05	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Thorium																	

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Tritium	0.187	0.302	0.521	11.9	MDC	-	-	-	-	0.187	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Tritium	0.233	0.305	0.519	11.9	MDC	-	-	-	-	0.233	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Tritium	-0.0699	0.278	0.52	11.9	MDC	-	-	-	-	-0.0699	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Tritium	0.0622	0.291	0.52	11.9	MDC	-	-	-	-	0.0622	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Tritium	0.113	0.286	0.503	11.9	MDC	-	-	-	-	0.113	-	-	0.04	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Tritium	0.0631	0.295	0.527	11.9	MDC	-	-	-	-	0.0631	-	-	0.04	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Tritium	0.364	0.465	0.79	11.9	MDC	-	-	-	-	0.364	-	-	0.07	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Uranium-235	-0.00609	0.117	0.199	0.151	BTV	-	-	-	-	-0.00609	-	YES	1.32	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Uranium-235	0.0153	0.126	0.219	0.151	BTV	-	-	-	-	0.0153	-	YES	1.45	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Uranium-235	0.03	0.105	0.181	0.151	BTV	-	-	-	-	0.03	-	YES	1.20	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Uranium-235	0.0729	0.0996	0.175	0.151	BTV	-	-	-	-	0.0729	-	YES	1.16	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Uranium-235	0.131	0.136	0.229	0.151	BTV	-	-	-	-	0.131	-	YES	1.52	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Uranium-235	0.0154	0.128	0.229	0.151	BTV	-	-	-	-	0.0154	-	YES	1.52	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Uranium-235	0.051	0.12	0.205	0.151	BTV	-	-	-	-	0.051	-	YES	1.36	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Uranium-235	0.0794	0.115	0.204	0.151	BTV	-	-	-	-	0.0794	-	YES	1.35	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Uranium-235	0.121	0.106	0.19	0.151	BTV	-	-	-	-	0.121	-	YES	1.26	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Uranium-235	0.0456	0.114	0.205	0.151	BTV	-	-	-	-	0.0456	-	YES	1.36	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Uranium-235	0.0227	0.135	0.226	0.151	BTV	-	-	-	-	0.0227	-	YES	1.50	pCi/g		288418	Complete
7/28/2010	AP/STP-1B	APWC0201	APWC0201S001	Uranium-238	1.1	0.726	1.31	1.8	BTV	-	-	-	-	1.1	-	-	0.73	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0202	APWC0202S001	Uranium-238	-0.00477	0.986	1.77	1.8	BTV	-	-	-	-	-0.00477	-	-	0.98	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0203	APWC0203S001	Uranium-238	1.41	1.14	1.4	1.8	BTV	-	YES	1.41	-	-	-	-	0.78	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0204	APWC0204S001	Uranium-238	0.761	0.489	0.462	1.8	BTV	-	YES	0.761	-	-	-	-	0.26	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0205	APWC0205S001	Uranium-238	1.54	0.613	0.655	1.8	BTV	-	YES	1.54	-	-	-	-	0.36	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0206	APWC0206S001	Uranium-238	1.1	1.18	1.47	1.8	BTV	-	-	-	-	1.1	-	-	0.82	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0207	APWC0207AS001	Uranium-238	1.56	2.05	2.2	1.8	BTV	-	-	-	-	1.56	-	YES	1.22	pCi/g	Re-sample	288418	Complete
7/28/2010	AP/STP-1B	APWC0207	APWC0207S001	Uranium-238	2.26	1	0.941	1.8	BTV	YES	YES	2.26	YES	-	-	-	0.52	pCi/g	Re-sampled	257420	Complete
7/28/2010	AP/STP-1B	APWC0208	APWC0208S001	Uranium-238	0.41	0.62	1.16	1.8	BTV	-	-	-	-	0.41	-	-	0.64	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0209	APWC0209S001	Uranium-238	0.941	1	1.11	1.8	BTV	-	-	-	-	0.941	-	-	0.62	pCi/g		257420	Complete
7/28/2010	AP/STP-1B	APWC0210	APWC0210S001	Uranium-238	1.14	1.01	1.86	1.8	BTV	-	-	-	-	1.14	-	YES	1.03	pCi/g		257420	Complete
10/18/2011	AP/STP-1B	APWC0211	APWC0211S001	Uranium-238	0.738	1.86	1.84	1.8	BTV	-	-	-	-	0.738	-	YES	1.02	pCi/g	APWC0207 Stepout #1	288418	Complete
10/18/2011	AP/STP-1B	APWC0212	APWC0212S001	Uranium-238	0.987	1.71	2.2	1.8	BTV	-	-	-	-	0.987	-	YES	1.22	pCi/g	APWC0207 Stepout #2	288418	Complete
10/18/2011	AP/STP-1B	APWC0213	APWC0213S001	Uranium-238	0.733	0.665	0.648	1.8	BTV	-	YES	0.733	-	-	-	-	0.36	pCi/g		288418	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Americium-241	-0.00257	0.0447	0.0725	0.0454	MDC	-	-	-	-	-0.00257	-	YES	1.60	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Americium-241	-0.00511	0.108	0.201	0.0454	MDC	-	-	-	-	-0.00511	-	YES	4.43	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Americium-241	-0.179	0.0996	0.178	0.0454	MDC	-	-	-	-	-0.179	-	YES	3.92	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Americium-241	0.0906	0.0822	0.135	0.0454	MDC	YES	-	-	-	0.0906	YES	YES	2.97	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Americium-241	0.0163	0.0373	0.0616	0.0454	MDC	-	-	-	-	0.0163	-	YES	1.36	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Americium-241	0.0143	0.0356	0.0595	0.0454	MDC	-	-	-	-	0.0143	-	YES	1.31	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Americium-241	0.00484	0.0959	0.154	0.0454	MDC	-	-	-	-	0.00484	-	YES	3.39	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Americium-241	0.0129	0.118	0.22	0.0454	MDC	-	-	-	-	0.0129	-	YES	4.85	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Americium-241	0.111	0.127	0.212	0.0454	MDC	YES	-	-	-	0.111	YES	YES	4.67	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Americium-241	0.0378	0.0942	0.187	0.0454	MDC	-	-	-	-	0.0378	-	YES	4.12	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Americium-241	-0.0375	0.113	0.215	0.0454	MDC	-	-	-	-	-0.0375	-	YES	4.74	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Americium-241	0.0522	0.0321	0.0524	0.0454	MDC	YES	-	-	-	0.0522	YES	YES	1.15	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Americium-241	-0.0297	0.11	0.202	0.0454	MDC	-	-	-	-	-0.0297	-	YES	4.45	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Americium-241	-0.0573	0.145	0.266	0.0454	MDC	-	-	-	-	-0.0573	-	YES	5.86	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Americium-241	-0.0988	0.119	0.216	0.0454	MDC	-	-	-	-	-0.0988	-	YES	4.76	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Americium-241	0.0983	0.097	0.171	0.0454	MDC	YES	-	-	-	0.0983	YES	YES	3.77	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Americium-241	-0.00266	0.0267	0.0446	0.0454	MDC	-	-	-	-	-0.00266	-	-	0.98	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Americium-241	0.029	0.041	0.0702	0.0454	MDC	-	-	-	-	0.029	-	YES	1.55	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Americium-241	0.0886	0.125	0.21	0.0454	MDC	YES	-	-	-	0.0886	YES	YES	4.63	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Americium-241	-0.12	0.0981	0.176	0.0454	MDC	-	-	-	-	-0.12	-	YES	3.88	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Cesium-134	0	0.052	0.0808	0.0864	MDC	-	-	-	-	0	-	-	0.94	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Cesium-134	0	0.0404	0.0514	0.0864	MDC	-	-	-	-	0	-	-	0.59	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Cesium-134	0	0.0563	0.07	0.0864	MDC	-	-	-	-	0	-	-	0.81	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Cesium-134	0	0.06	0.0592	0.0864	MDC	-	-	-	-	0	-	-	0.69	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Cesium-134	0.0506	0.0395	0.075	0.0864	MDC	-	-	-	-	0.0506	-	-	0.87	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Cesium-134	0	0.0384	0.0634	0.0864	MDC	-	-	-	-	0	-	-	0.73	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Cesium-134	0	0.0368	0.0568	0.0864	MDC	-	-	-	-	0	-	-	0.66	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Cesium-134	0	0.0611	0.0791	0.0864	MDC	-	-	-	-	0	-	-	0.92	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Cesium-134	0	0.0908	0.0694	0.0864	MDC	-	-	-	-	0	-	-	0.80	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Cesium-134	0	0.0333	0.0661	0.0864	MDC	-	-	-	-	0	-	-	0.77	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Cesium-134																	

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Cesium-134	0	0.0455	0.0533	0.0864	MDC	-	-	-	-	0	-	-	0.62	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Cesium-134	0.0604	0.0411	0.0613	0.0864	MDC	-	-	-	-	0.0604	-	-	0.71	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Cesium-134	0.0236	0.0343	0.0618	0.0864	MDC	-	-	-	-	0.0236	-	-	0.72	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Cesium-134	0	0.0428	0.0575	0.0864	MDC	-	-	-	-	0	-	-	0.67	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Cesium-137	0.0686	0.0449	0.0567	0.207	BTV	-	YES	0.0686	-	-	-	-	0.27	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Cesium-137	-0.000661	0.0217	0.038	0.207	BTV	-	-	-	-	-0.000661	-	-	0.18	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Cesium-137	0.0152	0.0277	0.0494	0.207	BTV	-	-	-	-	0.0152	-	-	0.24	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Cesium-137	0.109	0.0415	0.041	0.207	BTV	-	YES	0.109	-	-	-	-	0.20	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Cesium-137	-0.0255	0.0317	0.0496	0.207	BTV	-	-	-	-	-0.0255	-	-	0.24	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Cesium-137	0.0583	0.0409	0.0449	0.207	BTV	-	YES	0.0583	-	-	-	-	0.22	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Cesium-137	0	0.0503	0.0406	0.207	BTV	-	-	-	-	0	-	-	0.20	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Cesium-137	0.123	0.0561	0.0524	0.207	BTV	-	YES	0.123	-	-	-	-	0.25	pCi/g		257648	Complete
10/18/2011	AP/STP-1C-1	APWC0009	APWC0009AS001	Cesium-137	-0.00325	0.0309	0.0505	0.207	BTV	-	-	-	-	-0.00325	-	-	0.24	pCi/g	Re-sample	288414	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Cesium-137	0.209	0.0564	0.0506	0.207	BTV	YES	YES	0.209	YES	-	-	-	0.24	pCi/g	Re-sampled	257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Cesium-137	0.0824	0.0355	0.0462	0.207	BTV	-	YES	0.0824	-	-	-	-	0.22	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Cesium-137	0.0895	0.0482	0.0477	0.207	BTV	-	YES	0.0895	-	-	-	-	0.23	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Cesium-137	0.0612	0.043	0.0331	0.207	BTV	-	YES	0.0612	-	-	-	-	0.16	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Cesium-137	0.095	0.0375	0.038	0.207	BTV	-	YES	0.095	-	-	-	-	0.18	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Cesium-137	0.0576	0.0408	0.0478	0.207	BTV	-	YES	0.0576	-	-	-	-	0.23	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Cesium-137	0.0263	0.025	0.0446	0.207	BTV	-	-	-	-	0.0263	-	-	0.22	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Cesium-137	0.0832	0.0404	0.041	0.207	BTV	-	YES	0.0832	-	-	-	-	0.20	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Cesium-137	-0.0111	0.0239	0.0427	0.207	BTV	-	-	-	-	-0.0111	-	-	0.21	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Cesium-137	0.0746	0.0335	0.0475	0.207	BTV	-	YES	0.0746	-	-	-	-	0.23	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Cesium-137	-0.00319	0.0285	0.0492	0.207	BTV	-	-	-	-	-0.00319	-	-	0.24	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Cesium-137	-0.00297	0.0222	0.039	0.207	BTV	-	-	-	-	-0.00297	-	-	0.19	pCi/g		257556	Complete
10/18/2011	AP/STP-1C-1	APWC0021	APWC0021S001	Cesium-137	0.153	0.0446	0.0393	0.207	BTV	-	YES	0.153	-	-	-	-	0.19	pCi/g	APWC0009 Stepout #1	288414	Complete
10/18/2011	AP/STP-1C-1	APWC0022	APWC0022S001	Cesium-137	0.0965	0.0451	0.0347	0.207	BTV	-	YES	0.0965	-	-	-	-	0.17	pCi/g	APWC0009 Stepout #2	288414	Complete
10/18/2011	AP/STP-1C-1	APWC0023	APWC0023S001	Cesium-137	0.105	0.0542	0.0639	0.207	BTV	-	YES	0.105	-	-	-	-	0.31	pCi/g	APWC0009 Stepout #3	288414	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Cobalt-60	0.0132	0.0348	0.0624	0.028	MDC	-	-	-	-	0.0132	-	YES	2.23	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Cobalt-60	0.0235	0.0221	0.04	0.028	MDC	-	-	-	-	0.0235	-	YES	1.43	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Cobalt-60	-0.00108	0.0253	0.0431	0.028	MDC	-	-	-	-	-0.00108	-	YES	1.54	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Cobalt-60	0.013	0.0273	0.0473	0.028	MDC	-	-	-	-	0.013	-	YES	1.69	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Cobalt-60	-0.00615	0.035	0.059	0.028	MDC	-	-	-	-	-0.00615	-	YES	2.11	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Cobalt-60	0.00686	0.0266	0.0474	0.028	MDC	-	-	-	-	0.00686	-	YES	1.69	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Cobalt-60	0.00276	0.0244	0.0417	0.028	MDC	-	-	-	-	0.00276	-	YES	1.49	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Cobalt-60	-0.0046	0.0355	0.0594	0.028	MDC	-	-	-	-	-0.0046	-	YES	2.12	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Cobalt-60	0.00166	0.0263	0.0454	0.028	MDC	-	-	-	-	0.00166	-	YES	1.62	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Cobalt-60	-0.0241	0.0295	0.0464	0.028	MDC	-	-	-	-	-0.0241	-	YES	1.66	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Cobalt-60	-0.00664	0.0282	0.0463	0.028	MDC	-	-	-	-	-0.00664	-	YES	1.65	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Cobalt-60	-0.00415	0.0213	0.0349	0.028	MDC	-	-	-	-	-0.00415	-	YES	1.25	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Cobalt-60	-0.0108	0.0218	0.035	0.028	MDC	-	-	-	-	-0.0108	-	YES	1.25	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Cobalt-60	0.00313	0.0246	0.0427	0.028	MDC	-	-	-	-	0.00313	-	YES	1.53	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Cobalt-60	-0.0051	0.0246	0.0416	0.028	MDC	-	-	-	-	-0.0051	-	YES	1.49	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Cobalt-60	0.0173	0.0244	0.0445	0.028	MDC	-	-	-	-	0.0173	-	YES	1.59	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Cobalt-60	-0.0125	0.0226	0.0372	0.028	MDC	-	-	-	-	-0.0125	-	YES	1.33	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Cobalt-60	-0.0224	0.0277	0.0426	0.028	MDC	-	-	-	-	-0.0224	-	YES	1.52	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Cobalt-60	-0.0184	0.0243	0.039	0.028	MDC	-	-	-	-	-0.0184	-	YES	1.39	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Cobalt-60	-0.0189	0.0241	0.0388	0.028	MDC	-	-	-	-	-0.0189	-	YES	1.39	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Europium-152	-0.0155	0.0737	0.126	0.0566	MDC	-	-	-	-	-0.0155	-	YES	2.23	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Europium-152	0.0162	0.0675	0.0947	0.0566	MDC	-	-	-	-	0.0162	-	YES	1.67	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Europium-152	0.0611	0.0822	0.121	0.0566	MDC	YES	-	-	-	0.0611	YES	YES	2.14	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Europium-152	-0.0413	0.0726	0.0974	0.0566	MDC	-	-	-	-	-0.0413	-	YES	1.72	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Europium-152	-0.00933	0.067	0.116	0.0566	MDC	-	-	-	-	-0.00933	-	YES	2.05	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Europium-152	0.00189	0.0549	0.0968	0.0566	MDC	-	-	-	-	0.00189	-	YES	1.71	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Europium-152	-0.0214	0.0823	0.109	0.0566	MDC	-	-	-	-	-0.0214	-	YES	1.93	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Europium-152	-0.0659	0.0897	0.127	0.0566	MDC	-	-	-	-	-0.0659	-	YES	2.24	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Europium-152	0.0331	0.0738	0.131	0.0566	MDC	-	-	-	-	0.0331	-	YES	2.31	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Europium-152	0.0114	0.0697	0.109	0.0566	MDC	-	-	-	-	0.0114	-	YES	1.93	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Europium-152	0.0168	0.0764	0.121	0.0566	MDC	-	-	-	-	0.0168	-	YES	2.14	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Europium-152	-0.0325	0.0626	0.0876	0.0566	MDC	-	-	-	-	-0.0325	-	YES	1.55	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Europium-152	0.0296	0.0662	0.0941	0.0566	MDC	-	-	-	-	0.0296	-	YES	1.66	pCi/g		2	

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Europium-154	0.0469	0.111	0.192	0.15	MDC	-	-	-	-	0.0469	-	YES	1.28	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Europium-154	0.00174	0.0738	0.125	0.15	MDC	-	-	-	-	0.00174	-	-	0.83	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Europium-154	0.0209	0.0859	0.15	0.15	MDC	-	-	-	-	0.0209	-	-	1.00	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Europium-154	0.0947	0.0783	0.143	0.15	MDC	-	-	-	-	0.0947	-	-	0.95	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Europium-154	-0.0265	0.116	0.196	0.15	MDC	-	-	-	-	-0.0265	-	YES	1.31	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Europium-154	-0.0725	0.087	0.134	0.15	MDC	-	-	-	-	-0.0725	-	-	0.89	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Europium-154	0.00474	0.0801	0.137	0.15	MDC	-	-	-	-	0.00474	-	-	0.91	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Europium-154	0.0193	0.115	0.198	0.15	MDC	-	-	-	-	0.0193	-	YES	1.32	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Europium-154	-0.0544	0.0955	0.156	0.15	MDC	-	-	-	-	-0.0544	-	YES	1.04	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Europium-154	0.0879	0.0916	0.169	0.15	MDC	-	-	-	-	0.0879	-	YES	1.13	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Europium-154	-0.0136	0.0967	0.162	0.15	MDC	-	-	-	-	-0.0136	-	YES	1.08	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Europium-154	-0.0431	0.0704	0.113	0.15	MDC	-	-	-	-	-0.0431	-	-	0.75	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Europium-154	0.0267	0.0694	0.12	0.15	MDC	-	-	-	-	0.0267	-	-	0.80	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Europium-154	-0.0795	0.076	0.117	0.15	MDC	-	-	-	-	-0.0795	-	-	0.78	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Europium-154	0.0251	0.0863	0.153	0.15	MDC	-	-	-	-	0.0251	-	YES	1.02	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Europium-154	0.0159	0.0807	0.141	0.15	MDC	-	-	-	-	0.0159	-	-	0.94	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Europium-154	0.0288	0.0685	0.122	0.15	MDC	-	-	-	-	0.0288	-	-	0.81	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Europium-154	-0.051	0.0879	0.141	0.15	MDC	-	-	-	-	-0.051	-	-	0.94	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Europium-154	-0.0231	0.0837	0.142	0.15	MDC	-	-	-	-	-0.0231	-	-	0.95	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Europium-154	-0.0355	0.0716	0.12	0.15	MDC	-	-	-	-	-0.0355	-	-	0.80	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Manganese-54	0.00122	0.0319	0.0555	-	-	-	-	-	-	0.00122	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Manganese-54	0.00823	0.0223	0.0389	-	-	-	-	-	-	0.00823	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Manganese-54	0.000735	0.0272	0.0463	-	-	-	-	-	-	0.000735	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Manganese-54	0.0219	0.0259	0.0468	-	-	-	-	-	-	0.0219	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Manganese-54	-0.0204	0.03	0.0491	-	-	-	-	-	-	-0.0204	-	-	-	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Manganese-54	-0.0136	0.0238	0.04	-	-	-	-	-	-	-0.0136	-	-	-	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Manganese-54	0.00181	0.0238	0.0415	-	-	-	-	-	-	0.00181	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Manganese-54	0.0114	0.0354	0.0622	-	-	-	-	-	-	0.0114	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Manganese-54	-3.95E-05	0.0286	0.0489	-	-	-	-	-	-	-0.000395	-	-	-	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Manganese-54	0.00167	0.0279	0.0493	-	-	-	-	-	-	0.00167	-	-	-	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Manganese-54	0.00811	0.0278	0.0482	-	-	-	-	-	-	0.00811	-	-	-	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Manganese-54	0.00828	0.0202	0.0354	-	-	-	-	-	-	0.00828	-	-	-	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Manganese-54	-0.00875	0.0214	0.0357	-	-	-	-	-	-	-0.00875	-	-	-	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Manganese-54	-0.018	0.0264	0.0428	-	-	-	-	-	-	-0.018	-	-	-	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Manganese-54	-0.000828	0.0256	0.0442	-	-	-	-	-	-	-0.000828	-	-	-	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Manganese-54	-0.0291	0.0245	0.0381	-	-	-	-	-	-	-0.0291	-	-	-	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Manganese-54	-0.00261	0.0214	0.0371	-	-	-	-	-	-	-0.00261	-	-	-	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Manganese-54	0.0105	0.0256	0.0461	-	-	-	-	-	-	0.0105	-	-	-	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Manganese-54	-0.0197	0.0272	0.045	-	-	-	-	-	-	-0.0197	-	-	-	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Manganese-54	0.0301	0.0196	0.0399	-	-	-	-	-	-	0.0301	-	-	-	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Potassium-40	24.3	2.56	0.486	32.4	BTV	-	YES	24.3	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Potassium-40	23.8	2.48	0.315	32.4	BTV	-	YES	23.8	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Potassium-40	23.5	2.36	0.395	32.4	BTV	-	YES	23.5	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Potassium-40	24.7	2.69	0.329	32.4	BTV	-	YES	24.7	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Potassium-40	23.6	2.48	0.461	32.4	BTV	-	YES	23.6	-	-	-	-	0.01	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Potassium-40	21.8	2.21	0.365	32.4	BTV	-	YES	21.8	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Potassium-40	24.8	2.46	0.34	32.4	BTV	-	YES	24.8	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Potassium-40	24.1	2.7	0.489	32.4	BTV	-	YES	24.1	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Potassium-40	21.8	2.29	0.408	32.4	BTV	-	YES	21.8	-	-	-	-	0.01	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Potassium-40	22.8	2.46	0.464	32.4	BTV	-	YES	22.8	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Potassium-40	23.6	2.54	0.36	32.4	BTV	-	YES	23.6	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Potassium-40	22.2	2.06	0.234	32.4	BTV	-	YES	22.2	-	-	-	-	0.01	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Potassium-40	24.8	2.58	0.3	32.4	BTV	-	YES	24.8	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Potassium-40	23.9	2.54	0.356	32.4	BTV	-	YES	23.9	-	-	-	-	0.01	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Potassium-40	24.7	2.88	0.345	32.4	BTV	-	YES	24.7	-	-	-	-	0.01	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Potassium-40	21.3	2.15	0.348	32.4	BTV	-	YES	21.3	-	-	-	-	0.01	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Potassium-40	23.2	2.17	0.265	32.4	BTV	-	YES	23.2	-	-	-	-	0.01	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Potassium-40	21.3	2.12	0.363	32.4	BTV	-	YES	21.3	-	-	-	-	0.01	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Potassium-40	21.9	2.59	0.395	32.4	BTV	-	YES	21.9	-	-	-	-	0.01	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Potassium-40	22.4	2.22	0.305	32.4	BTV	-	YES	22.4	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Sodium-22	0.00744	0.0397	0.0672	0.037	MDC	-	-	-	-	0.00744	-	YES	1.82	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Sodium-22	0.000275	0.0259	0.0439	0.037	MDC	-	-	-	-	0.000275	-	YES	1.19	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Sodium-22	0.005	0.0304	0.0528	0.037	MDC	-	-	-	-	0.005	-	YES	1.43	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004																			

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Sodium-22	-0.0208	0.0339	0.0553	0.037	MDC	-	-	-	-	-0.0208	-	YES	1.49	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Sodium-22	0.0324	0.0323	0.0599	0.037	MDC	-	-	-	-	0.0324	-	YES	1.62	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Sodium-22	-0.00366	0.0341	0.0572	0.037	MDC	-	-	-	-	-0.00366	-	YES	1.55	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Sodium-22	-0.0146	0.0248	0.0399	0.037	MDC	-	-	-	-	-0.0146	-	YES	1.08	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Sodium-22	0.0103	0.0244	0.0424	0.037	MDC	-	-	-	-	0.0103	-	YES	1.15	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Sodium-22	-0.0315	0.0271	0.0412	0.037	MDC	-	-	-	-	-0.0315	-	YES	1.11	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Sodium-22	0.00834	0.0303	0.0535	0.037	MDC	-	-	-	-	0.00834	-	YES	1.45	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Sodium-22	0.00199	0.0286	0.0495	0.037	MDC	-	-	-	-	0.00199	-	YES	1.34	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Sodium-22	0.00976	0.024	0.0427	0.037	MDC	-	-	-	-	0.00976	-	YES	1.15	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Sodium-22	-0.0184	0.0308	0.0493	0.037	MDC	-	-	-	-	-0.0184	-	YES	1.33	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Sodium-22	-0.00741	0.0295	0.0502	0.037	MDC	-	-	-	-	-0.00741	-	YES	1.36	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Sodium-22	-0.0165	0.0255	0.0421	0.037	MDC	-	-	-	-	-0.0165	-	YES	1.14	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Strontium-90	0.0161	0.0264	0.0464	0.485	MDC	-	-	-	-	0.0161	-	-	0.10	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Strontium-90	-0.0153	0.0256	0.0484	0.485	MDC	-	-	-	-	-0.0153	-	-	0.10	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Strontium-90	0.015	0.027	0.0473	0.485	MDC	-	-	-	-	0.015	-	-	0.10	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Strontium-90	0.0264	0.0237	0.0393	0.485	MDC	-	-	-	-	0.0264	-	-	0.08	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Strontium-90	0.00285	0.0256	0.048	0.485	MDC	-	-	-	-	0.00285	-	-	0.10	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Strontium-90	0.043	0.0299	0.0483	0.485	MDC	-	-	-	-	0.043	-	-	0.10	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Strontium-90	-0.00225	0.0266	0.0479	0.485	MDC	-	-	-	-	-0.00225	-	-	0.10	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Strontium-90	0.0174	0.0272	0.0468	0.485	MDC	-	-	-	-	0.0174	-	-	0.10	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Strontium-90	0.0131	0.0266	0.0463	0.485	MDC	-	-	-	-	0.0131	-	-	0.10	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Strontium-90	0.0362	0.0308	0.0496	0.485	MDC	-	-	-	-	0.0362	-	-	0.10	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Strontium-90	0.00792	0.023	0.0421	0.485	MDC	-	-	-	-	0.00792	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Strontium-90	0.0374	0.0297	0.0483	0.485	MDC	-	-	-	-	0.0374	-	-	0.10	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Strontium-90	0.0139	0.0276	0.0479	0.485	MDC	-	-	-	-	0.0139	-	-	0.10	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Strontium-90	0.0115	0.0233	0.0412	0.485	MDC	-	-	-	-	0.0115	-	-	0.08	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Strontium-90	0.0255	0.0279	0.0466	0.485	MDC	-	-	-	-	0.0255	-	-	0.10	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Strontium-90	0.0143	0.0278	0.0479	0.485	MDC	-	-	-	-	0.0143	-	-	0.10	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Strontium-90	-0.00566	0.0266	0.0488	0.485	MDC	-	-	-	-	-0.00566	-	-	0.10	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Strontium-90	0.0131	0.0264	0.0474	0.485	MDC	-	-	-	-	0.0131	-	-	0.10	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Strontium-90	0.0219	0.0282	0.0479	0.485	MDC	-	-	-	-	0.0219	-	-	0.10	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Strontium-90	0.0171	0.0284	0.0487	0.485	MDC	-	-	-	-	0.0171	-	-	0.10	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Thorium-228	1.29	0.153	0.0708	3.98	BTV	-	YES	1.29	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Thorium-228	1.3	0.142	0.0572	3.98	BTV	-	YES	1.3	-	-	-	-	0.01	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Thorium-228	1.33	0.147	0.0679	3.98	BTV	-	YES	1.33	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Thorium-228	1.41	0.155	0.0622	3.98	BTV	-	YES	1.41	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Thorium-228	1.26	0.143	0.0609	3.98	BTV	-	YES	1.26	-	-	-	-	0.02	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Thorium-228	1.06	0.123	0.054	3.98	BTV	-	YES	1.06	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Thorium-228	1.5	0.208	0.0643	3.98	BTV	-	YES	1.5	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Thorium-228	1.4	0.166	0.0743	3.98	BTV	-	YES	1.4	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Thorium-228	1.22	0.147	0.0737	3.98	BTV	-	YES	1.22	-	-	-	-	0.02	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Thorium-228	1.01	0.123	0.0628	3.98	BTV	-	YES	1.01	-	-	-	-	0.02	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Thorium-228	1.39	0.189	0.0712	3.98	BTV	-	YES	1.39	-	-	-	-	0.02	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Thorium-228	1.39	0.177	0.05	3.98	BTV	-	YES	1.39	-	-	-	-	0.01	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Thorium-228	1.31	0.144	0.058	3.98	BTV	-	YES	1.31	-	-	-	-	0.01	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Thorium-228	1.31	0.156	0.0654	3.98	BTV	-	YES	1.31	-	-	-	-	0.02	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Thorium-228	1.34	0.152	0.0731	3.98	BTV	-	YES	1.34	-	-	-	-	0.02	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Thorium-228	1.32	0.145	0.0638	3.98	BTV	-	YES	1.32	-	-	-	-	0.02	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Thorium-228	1.32	0.163	0.0578	3.98	BTV	-	YES	1.32	-	-	-	-	0.01	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Thorium-228	1.1	0.149	0.0632	3.98	BTV	-	YES	1.1	-	-	-	-	0.02	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Thorium-228	1.48	0.165	0.0731	3.98	BTV	-	YES	1.48	-	-	-	-	0.02	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Thorium-228	1.37	0.154	0.0605	3.98	BTV	-	YES	1.37	-	-	-	-	0.02	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Thorium-232	1.25	0.288	0.215	3.1	BTV	-	YES	1.25	-	-	-	-	0.07	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Thorium-232	1.16	0.247	0.144	3.1	BTV	-	YES	1.16	-	-	-	-	0.05	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Thorium-232	1.49	0.318	0.16	3.1	BTV	-	YES	1.49	-	-	-	-	0.05	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Thorium-232	1.44	0.285	0.153	3.1	BTV	-	YES	1.44	-	-	-	-	0.05	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Thorium-232	1.49	0.35	0.201	3.1	BTV	-	YES	1.49	-	-	-	-	0.06	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Thorium-232	1.3	0.242	0.164	3.1	BTV	-	YES	1.3	-	-	-	-	0.05	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Thorium-232	1.62	0.293	0.154	3.1	BTV	-	YES	1.62	-	-	-	-	0.05	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Thorium-232	1.71	0.331	0.211	3.1	BTV	-	YES	1.71	-	-	-	-	0.07	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Thorium-232	1.44	0.28	0.169	3.1	BTV	-	YES	1.44	-	-	-	-	0.05	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Thorium-232	1.12	0.263	0.16	3.1	BTV	-	YES	1.12	-	-	-	-	0.05	pCi/g		257556	Complete
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**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Thorium-232	1.51	0.237	0.128	3.1	BTV	-	YES	1.51	-	-	-	-	0.04	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Thorium-232	1.1	0.23	0.15	3.1	BTV	-	YES	1.1	-	-	-	-	0.05	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Thorium-232	1.51	0.294	0.167	3.1	BTV	-	YES	1.51	-	-	-	-	0.05	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Thorium-232	1.37	0.252	0.136	3.1	BTV	-	YES	1.37	-	-	-	-	0.04	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Tritium	0.319	0.608	1.03	11.9	MDC	-	-	-	-	0.319	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Tritium	-0.316	0.583	1.02	11.9	MDC	-	-	-	-	-0.316	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Tritium	0.477	0.611	1.03	11.9	MDC	-	-	-	-	0.477	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Tritium	0.303	0.62	1.05	11.9	MDC	-	-	-	-	0.303	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Tritium	0.351	0.604	1.03	11.9	MDC	-	-	-	-	0.351	-	-	0.09	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Tritium	-0.283	0.36	0.743	11.9	MDC	-	-	-	-	-0.283	-	-	0.06	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Tritium	0.161	0.61	1.04	11.9	MDC	-	-	-	-	0.161	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Tritium	0.0562	0.591	1.02	11.9	MDC	-	-	-	-	0.0562	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Tritium	-0.199	0.608	1.06	11.9	MDC	-	-	-	-	-0.199	-	-	0.09	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Tritium	-0.0578	0.397	0.757	11.9	MDC	-	-	-	-	-0.0578	-	-	0.06	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Tritium	-0.139	0.606	1.05	11.9	MDC	-	-	-	-	-0.139	-	-	0.09	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Tritium	0.515	0.617	1.04	11.9	MDC	-	-	-	-	0.515	-	-	0.09	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Tritium	-0.0279	0.387	0.732	11.9	MDC	-	-	-	-	-0.0279	-	-	0.06	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Tritium	-0.295	0.371	0.762	11.9	MDC	-	-	-	-	-0.295	-	-	0.06	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Tritium	0.0143	0.418	0.776	11.9	MDC	-	-	-	-	0.0143	-	-	0.07	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Tritium	0.0424	0.401	0.742	11.9	MDC	-	-	-	-	0.0424	-	-	0.06	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Tritium	-0.112	0.379	0.737	11.9	MDC	-	-	-	-	-0.112	-	-	0.06	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Tritium	-0.109	0.366	0.712	11.9	MDC	-	-	-	-	-0.109	-	-	0.06	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Tritium	0.0408	0.386	0.714	11.9	MDC	-	-	-	-	0.0408	-	-	0.06	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Tritium	-0.126	0.375	0.733	11.9	MDC	-	-	-	-	-0.126	-	-	0.06	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Uranium-235	-0.0346	0.14	0.241	0.151	BTV	-	-	-	-	-0.0346	-	YES	1.60	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Uranium-235	0.0195	0.129	0.218	0.151	BTV	-	-	-	-	0.0195	-	YES	1.44	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Uranium-235	-0.0214	0.142	0.251	0.151	BTV	-	-	-	-	-0.0214	-	YES	1.66	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Uranium-235	0.0131	0.133	0.237	0.151	BTV	-	-	-	-	0.0131	-	YES	1.57	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Uranium-235	0.137	0.114	0.213	0.151	BTV	-	-	-	-	0.137	-	YES	1.41	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Uranium-235	0.047	0.109	0.193	0.151	BTV	-	-	-	-	0.047	-	YES	1.28	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Uranium-235	0.00403	0.142	0.247	0.151	BTV	-	-	-	-	0.00403	-	YES	1.64	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Uranium-235	0.031	0.151	0.258	0.151	BTV	-	-	-	-	0.031	-	YES	1.71	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Uranium-235	-0.0375	0.152	0.267	0.151	BTV	-	-	-	-	-0.0375	-	YES	1.77	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Uranium-235	-0.0521	0.122	0.211	0.151	BTV	-	-	-	-	-0.0521	-	YES	1.40	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Uranium-235	0.00967	0.151	0.262	0.151	BTV	-	-	-	-	0.00967	-	YES	1.74	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Uranium-235	0.034	0.1	0.176	0.151	BTV	-	-	-	-	0.034	-	YES	1.17	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Uranium-235	0.0647	0.127	0.215	0.151	BTV	-	-	-	-	0.0647	-	YES	1.42	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Uranium-235	0.0214	0.132	0.23	0.151	BTV	-	-	-	-	0.0214	-	YES	1.52	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Uranium-235	0.0285	0.162	0.281	0.151	BTV	-	-	-	-	0.0285	-	YES	1.86	pCi/g		257649	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Uranium-235	-0.0451	0.135	0.24	0.151	BTV	-	-	-	-	-0.0451	-	YES	1.59	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Uranium-235	0.106	0.0942	0.168	0.151	BTV	-	-	-	-	0.106	-	YES	1.11	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0018	APWC0018S001	Uranium-235	0.116	0.14	0.244	0.151	BTV	-	-	-	-	0.116	-	YES	1.62	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0019	APWC0019S001	Uranium-235	-0.0158	0.163	0.283	0.151	BTV	-	-	-	-	-0.0158	-	YES	1.87	pCi/g		257556	Complete
7/29/2010	AP/STP-1C-1	APWC0020	APWC0020S001	Uranium-235	-0.0141	0.128	0.227	0.151	BTV	-	-	-	-	-0.0141	-	YES	1.50	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0001	APWC0001S001	Uranium-238	1.11	0.849	0.746	1.8	BTV	-	YES	1.11	-	-	-	-	0.41	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0002	APWC0002S001	Uranium-238	-0.474	0.962	1.73	1.8	BTV	-	-	-	-	-0.474	-	-	0.96	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0003	APWC0003S001	Uranium-238	0.927	0.903	1.71	1.8	BTV	-	-	-	-	0.927	-	-	0.95	pCi/g		257648	Complete
10/18/2011	AP/STP-1C-1	APWC0004	APWC0004AS001	Uranium-238	0.743	2.01	2.05	1.8	BTV	-	-	-	-	0.743	-	YES	1.14	pCi/g	Re-sample	288414	Complete
7/30/2010	AP/STP-1C-1	APWC0004	APWC0004S001	Uranium-238	1.85	1.06	1.18	1.8	BTV	YES	YES	1.85	YES	-	-	-	0.66	pCi/g	Re-sampled	257648	Complete
7/30/2010	AP/STP-1C-1	APWC0005	APWC0005S001	Uranium-238	1.1	0.571	0.614	1.8	BTV	-	YES	1.1	-	-	-	-	0.34	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0006	APWC0006S001	Uranium-238	0.818	0.531	0.594	1.8	BTV	-	YES	0.818	-	-	-	-	0.33	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0007	APWC0007S001	Uranium-238	1.29	1.22	1.33	1.8	BTV	-	-	-	-	1.29	-	-	0.74	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0008	APWC0008S001	Uranium-238	1.16	1.08	1.99	1.8	BTV	-	-	-	-	1.16	-	YES	1.11	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0009	APWC0009S001	Uranium-238	1.31	1.2	1.76	1.8	BTV	-	-	-	-	1.31	-	-	0.98	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0010	APWC0010S001	Uranium-238	0.453	0.848	1.65	1.8	BTV	-	-	-	-	0.453	-	-	0.92	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0011	APWC0011S001	Uranium-238	1.31	1.14	2.1	1.8	BTV	-	-	-	-	1.31	-	YES	1.17	pCi/g		257648	Complete
7/30/2010	AP/STP-1C-1	APWC0012	APWC0012S001	Uranium-238	0.974	0.557	0.513	1.8	BTV	-	YES	0.974	-	-	-	-	0.29	pCi/g		257648	Complete
7/29/2010	AP/STP-1C-1	APWC0013	APWC0013S001	Uranium-238	1.59	1.04	1.9	1.8	BTV	-	-	-	-	1.59	-	YES	1.06	pCi/g		257556	Complete
7/30/2010	AP/STP-1C-1	APWC0014	APWC0014S001	Uranium-238	0.243	1.21	2.21	1.8	BTV	-	-	-	-	0.243	-	YES	1.23	pCi/g		257649	Complete
7/30/2010	AP/STP-1C-1	APWC0015	APWC0015S001	Uranium-238	0.0349	1.06	1.92	1.8	BTV	-	-	-	-	0.0349	-	YES	1.07	pCi/g		257649	Complete
10/18/2011	AP/STP-1C-1	APWC0016	APWC0016AS001	Uranium-238	0	0.847	0.641	1.8	BTV	-	-	-	-	0	-	-	0.36	pCi/g	Re-sample	288414	Complete
7/29/2010	AP/STP-1C-1	APWC0016	APWC0016S001	Uranium-238	2.01	1.36	1.46	1.8	BTV	YES	YES	2.01	YES	-	-	-	0.81	pCi/g	Re-sampled	257556	Complete
7/29/2010	AP/STP-1C-1	APWC0017	APWC0017S001	Uranium-238	1.34	0.518	0.445	1.8	BTV	-	YES	1.34	-	-	-	-					

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
10/18/2011	AP/STP-1C-1	APWC0024	APWC0024S001	Uranium-238	2.09	1.31	1.13	1.8	BTV	YES	YES	2.09	YES	-	-	-	0.63	pCi/g	APWC0004 Stepout #1; Re-sampled	288414	Complete
11/16/2011	AP/STP-1C-1	APWC0025	APWC0025AS001	Uranium-238	1.74	1.28	0.945	1.8	BTV	-	YES	1.74	-	-	-	-	0.53	pCi/g		290463	Complete
10/18/2011	AP/STP-1C-1	APWC0025	APWC0025S001	Uranium-238	1.78	1.75	1.63	1.8	BTV	-	YES	1.78	-	-	-	-	0.91	pCi/g	APWC0004 Stepout #2; Re-sampled	288414	Complete
11/16/2011	AP/STP-1C-1	APWC0026	APWC0026AS001	Uranium-238	0.00	0.901	0.778	1.8	BTV	-	-	-	-	0	-	-	0.43	pCi/g		290463	Complete
10/18/2011	AP/STP-1C-1	APWC0026	APWC0026S001	Uranium-238	2.32	1.59	1.43	1.8	BTV	YES	YES	2.32	YES	-	-	-	0.79	pCi/g	APWC0004 Stepout #3; Re-sampled	288414	Complete
11/16/2011	AP/STP-1C-1	APWC0027	APWC0027AS001	Uranium-238	1.52	1.13	0.806	1.8	BTV	-	YES	1.52	-	-	-	-	0.45	pCi/g		290463	Complete
10/18/2011	AP/STP-1C-1	APWC0027	APWC0027S001	Uranium-238	3.21	2.11	1.53	1.8	BTV	YES	YES	3.21	YES	-	-	-	0.85	pCi/g	APWC0016 Stepout #1; Re-sampled	288414	Complete
10/18/2011	AP/STP-1C-1	APWC0028	APWC0028S001	Uranium-238	1.2	1.14	0.956	1.8	BTV	-	YES	1.2	-	-	-	-	0.53	pCi/g	APWC0016 Stepout #2	288414	Complete
10/18/2011	AP/STP-1C-1	APWC0029	APWC0029S001	Uranium-238	1.13	1.05	1.22	1.8	BTV	-	-	-	-	1.13	-	-	0.68	pCi/g	APWC0016 Stepout #3	288414	Complete
11/16/2011	AP/STP-1C-1	APWC0030	APWC0030AS001	Uranium-238	2.06	0.771	0.474	1.8	BTV	YES	YES	2.06	YES	-	-	-	0.26	pCi/g		290463	Excavation on hold
10/18/2011	AP/STP-1C-1	APWC0030	APWC0030S001	Uranium-238	2.35	1.05	0.92	1.8	BTV	YES	YES	2.35	YES	-	-	-	0.51	pCi/g	APWC0019 Stepout #1; Re-sampled	288414	Excavation on hold
11/16/2011	AP/STP-1C-1	APWC0031	APWC0031AS001	Uranium-238	1.64	0.874	0.661	1.8	BTV	-	YES	1.64	-	-	-	-	0.37	pCi/g		290463	Complete
10/18/2011	AP/STP-1C-1	APWC0031	APWC0031S001	Uranium-238	1.99	1.14	1.05	1.8	BTV	YES	YES	1.99	YES	-	-	-	0.58	pCi/g	APWC0019 Stepout #2; Re-sampled	288414	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Americium-241	-0.0064	0.108	0.207	0.0454	MDC	-	-	-	-	-0.0064	-	YES	4.56	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Americium-241	0.0283	0.0999	0.181	0.0454	MDC	-	-	-	-	0.0283	-	YES	3.99	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Americium-241	0.0807	0.139	0.267	0.0454	MDC	YES	-	-	-	0.0807	YES	YES	5.88	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Americium-241	0.121	0.112	0.187	0.0454	MDC	YES	-	-	-	0.121	YES	YES	4.12	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Americium-241	-0.0247	0.111	0.207	0.0454	MDC	-	-	-	-	-0.0247	-	YES	4.56	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Americium-241	0.00836	0.0656	0.122	0.0454	MDC	-	-	-	-	0.00836	-	YES	2.69	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Americium-241	0.0277	0.0925	0.174	0.0454	MDC	-	-	-	-	0.0277	-	YES	3.83	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Americium-241	-0.0392	0.0806	0.148	0.0454	MDC	-	-	-	-	-0.0392	-	YES	3.26	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Americium-241	0.0211	0.0741	0.137	0.0454	MDC	-	-	-	-	0.0211	-	YES	3.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Americium-241	0.231	0.159	0.27	0.0454	MDC	YES	-	-	-	0.231	YES	YES	5.95	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Americium-241	-0.0277	0.0729	0.118	0.0454	MDC	-	-	-	-	-0.0277	-	YES	2.60	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Americium-241	-0.0379	0.0873	0.15	0.0454	MDC	-	-	-	-	-0.0379	-	YES	3.30	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Americium-241	0.0656	0.0879	0.173	0.0454	MDC	YES	-	-	-	0.0656	YES	YES	3.81	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Americium-241	0.067	0.0723	0.126	0.0454	MDC	YES	-	-	-	0.067	YES	YES	2.78	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Americium-241	-0.0192	0.062	0.11	0.0454	MDC	-	-	-	-	-0.0192	-	YES	2.42	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Americium-241	0.0118	0.0942	0.158	0.0454	MDC	-	-	-	-	0.0118	-	YES	3.48	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Americium-241	-0.155	0.18	0.316	0.0454	MDC	-	-	-	-	-0.155	-	YES	6.96	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Americium-241	0.0152	0.104	0.196	0.0454	MDC	-	-	-	-	0.0152	-	YES	4.32	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Americium-241	0.044	0.121	0.221	0.0454	MDC	-	-	-	-	0.044	-	YES	4.87	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Americium-241	-0.0283	0.0876	0.133	0.0454	MDC	-	-	-	-	-0.0283	-	YES	2.93	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Cesium-134	0	0.0604	0.0678	0.0864	MDC	-	-	-	-	0	-	-	0.78	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Cesium-134	0	0.0344	0.0456	0.0864	MDC	-	-	-	-	0	-	YES	0.53	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cesium-134	0	0.0406	0.0616	0.0864	MDC	-	-	-	-	0	-	-	0.71	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cesium-134	0.0402	0.0397	0.0526	0.0864	MDC	-	-	-	-	0.0402	-	-	0.61	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Cesium-134	0	0.0525	0.0655	0.0864	MDC	-	-	-	-	0	-	-	0.76	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Cesium-134	0	0.0477	0.0661	0.0864	MDC	-	-	-	-	0	-	-	0.77	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Cesium-134	0	0.0447	0.066	0.0864	MDC	-	-	-	-	0	-	-	0.76	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Cesium-134	0.047	0.0459	0.0605	0.0864	MDC	-	-	-	-	0.047	-	-	0.70	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Cesium-134	0	0.0307	0.0465	0.0864	MDC	-	-	-	-	0	-	-	0.54	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Cesium-134	0	0.0471	0.0697	0.0864	MDC	-	-	-	-	0	-	-	0.81	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Cesium-134	0	0.0378	0.0567	0.0864	MDC	-	-	-	-	0	-	-	0.66	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Cesium-134	0	0.0546	0.0587	0.0864	MDC	-	-	-	-	0	-	-	0.68	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Cesium-134	0.058	0.0309	0.059	0.0864	MDC	-	-	-	-	0.058	-	-	0.68	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Cesium-134	0	0.0356	0.0461	0.0864	MDC	-	-	-	-	0	-	-	0.53	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Cesium-134	0	0.0252	0.0468	0.0864	MDC	-	-	-	-	0	-	-	0.54	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Cesium-134	0	0.0456	0.0611	0.0864	MDC	-	-	-	-	0	-	-	0.71	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Cesium-134	0.0611	0.052	0.0635	0.0864	MDC	-	-	-	-	0.0611	-	-	0.73	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Cesium-134	0	0.056	0.0645	0.0864	MDC	-	-	-	-	0	-	-	0.75	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Cesium-134	0	0.0543	0.0621	0.0864	MDC	-	-	-	-	0	-	-	0.72	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Cesium-134	0	0.0444	0.0601	0.0864	MDC	-	-	-	-	0	-	-	0.70	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Cesium-137	0.113	0.042	0.0461	0.207	BTV	-	YES	0.113	-	-	-	-	0.22	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Cesium-137	0.133	0.0365	0.0314	0.207	BTV	-	YES	0.133	-	-	-	-	0.15	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cesium-137	0.299	0.0559	0.0437	0.207	BTV	YES	YES	0.299	YES	-	-	-	0.21	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cesium-137	0.219	0.0457	0.0402	0.207	BTV	YES	YES	0.219	YES	-	-	-	0.19	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Cesium-137	-0.0207	0.0286	0.0477	0.207	BTV	-	-	-	-	-0.0207	-	-	0.23	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Cesium-137	0	0.0506	0.0415	0.207	BTV	-	-	-	-	0	-	-	0.20	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Cesium-137	0.177	0.0409	0.0434	0.207	BTV	-	YES	0.177	-	-	-	-	0.21	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Cesium-137	0.0644	0.0389	0.0436	0.207	BTV	-	YES	0.0644	-	-	-	-	0.21	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2</																				

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Cesium-137	0.0886	0.029	0.0414	0.207	BTV	-	YES	0.0886	-	-	-	-	0.20	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Cesium-137	0.0226	0.0261	0.0462	0.207	BTV	-	-	-	-	0.0226	-	-	0.22	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Cesium-137	0.0731	0.0401	0.0495	0.207	BTV	-	YES	0.0731	-	-	-	-	0.24	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Cesium-137	0.0068	0.0259	0.0458	0.207	BTV	-	-	-	-	0.0068	-	-	0.22	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Cesium-137	0.0158	0.0242	0.0432	0.207	BTV	-	-	-	-	0.0158	-	-	0.21	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Cesium-137	0.0323	0.0306	0.0394	0.207	BTV	-	-	-	-	0.0323	-	-	0.19	pCi/g		259028	Complete
10/18/2011	AP/STP-1C-2	APWC0119	APWC0119S001	Cesium-137	0.00761	0.0302	0.0479	0.207	BTV	-	-	-	-	0.00761	-	-	0.23	pCi/g	APWC0110 Stepout #1	288416	Complete
10/18/2011	AP/STP-1C-2	APWC0120	APWC0120S001	Cesium-137	0.178	0.059	0.0481	0.207	BTV	-	YES	0.178	-	-	-	-	0.23	pCi/g	APWC0110 Stepout #2	288416	Complete
10/18/2011	AP/STP-1C-2	APWC0121	APWC0121S001	Cesium-137	0.147	0.0359	0.0441	0.207	BTV	-	YES	0.147	-	-	-	-	0.21	pCi/g	APWC0110 Stepout #3	288416	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Cobalt-60	-0.015	0.0271	0.043	0.028	MDC	-	-	-	-	-0.015	-	YES	1.54	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Cobalt-60	0.00528	0.0198	0.0339	0.028	MDC	-	-	-	-	0.00528	-	YES	1.21	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cobalt-60	0.00455	0.0237	0.0414	0.028	MDC	-	-	-	-	0.00455	-	YES	1.48	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Cobalt-60	0.0129	0.023	0.0412	0.028	MDC	-	-	-	-	0.0129	-	YES	1.47	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Cobalt-60	-0.00592	0.0256	0.0422	0.028	MDC	-	-	-	-	-0.00592	-	YES	1.51	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Cobalt-60	0.00191	0.027	0.046	0.028	MDC	-	-	-	-	0.00191	-	YES	1.64	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Cobalt-60	0.00804	0.0252	0.044	0.028	MDC	-	-	-	-	0.00804	-	YES	1.57	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Cobalt-60	0.0174	0.0248	0.0449	0.028	MDC	-	-	-	-	0.0174	-	YES	1.60	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Cobalt-60	-0.01	0.0207	0.0343	0.028	MDC	-	-	-	-	-0.01	-	YES	1.23	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Cobalt-60	-0.00722	0.0286	0.0471	0.028	MDC	-	-	-	-	-0.00722	-	YES	1.68	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Cobalt-60	0.00021	0.0195	0.0328	0.028	MDC	-	-	-	-	0.00021	-	YES	1.17	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Cobalt-60	0.000268	0.0229	0.0382	0.028	MDC	-	-	-	-	0.000268	-	YES	1.36	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Cobalt-60	0.0242	0.0271	0.0494	0.028	MDC	-	-	-	-	0.0242	-	YES	1.76	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Cobalt-60	-0.00148	0.0179	0.0305	0.028	MDC	-	-	-	-	-0.00148	-	YES	1.09	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Cobalt-60	-0.00312	0.0205	0.034	0.028	MDC	-	-	-	-	-0.00312	-	YES	1.21	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Cobalt-60	0.00582	0.0251	0.0433	0.028	MDC	-	-	-	-	0.00582	-	YES	1.55	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Cobalt-60	-0.00244	0.0275	0.0452	0.028	MDC	-	-	-	-	-0.00244	-	YES	1.61	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Cobalt-60	0.00626	0.0254	0.0438	0.028	MDC	-	-	-	-	0.00626	-	YES	1.56	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Cobalt-60	0.00141	0.0243	0.0412	0.028	MDC	-	-	-	-	0.00141	-	YES	1.47	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Cobalt-60	-0.0167	0.0242	0.0382	0.028	MDC	-	-	-	-	-0.0167	-	YES	1.36	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Europium-152	0.0451	0.0707	0.12	0.0566	MDC	-	-	-	-	0.0451	-	YES	2.12	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Europium-152	-0.0268	0.0573	0.0766	0.0566	MDC	-	-	-	-	-0.0268	-	YES	1.35	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Europium-152	-0.0384	0.0615	0.106	0.0566	MDC	-	-	-	-	-0.0384	-	YES	1.87	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Europium-152	-0.0153	0.0908	0.108	0.0566	MDC	-	-	-	-	-0.0153	-	YES	1.91	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Europium-152	-0.0787	0.0753	0.12	0.0566	MDC	-	-	-	-	-0.0787	-	YES	2.12	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Europium-152	-0.0474	0.0614	0.099	0.0566	MDC	-	-	-	-	-0.0474	-	YES	1.75	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Europium-152	0.0609	0.0658	0.112	0.0566	MDC	YES	-	-	-	0.0609	YES	YES	1.98	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Europium-152	0.0137	0.0711	0.106	0.0566	MDC	-	-	-	-	0.0137	-	YES	1.87	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Europium-152	-0.0125	0.0569	0.0884	0.0566	MDC	-	-	-	-	-0.0125	-	YES	1.56	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Europium-152	-0.0535	0.0814	0.117	0.0566	MDC	-	-	-	-	-0.0535	-	YES	2.07	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Europium-152	0.0106	0.0545	0.0941	0.0566	MDC	-	-	-	-	0.0106	-	YES	1.66	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Europium-152	-0.0223	0.0639	0.0983	0.0566	MDC	-	-	-	-	-0.0223	-	YES	1.74	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Europium-152	0.00948	0.0664	0.103	0.0566	MDC	-	-	-	-	0.00948	-	YES	1.82	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Europium-152	-0.0193	0.0636	0.0854	0.0566	MDC	-	-	-	-	-0.0193	-	YES	1.51	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Europium-152	-0.0449	0.05	0.0813	0.0566	MDC	-	-	-	-	-0.0449	-	YES	1.44	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Europium-152	-0.013	0.0682	0.0964	0.0566	MDC	-	-	-	-	-0.013	-	YES	1.70	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Europium-152	-0.00516	0.0991	0.131	0.0566	MDC	-	-	-	-	-0.00516	-	YES	2.31	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Europium-152	0.012	0.0679	0.116	0.0566	MDC	-	-	-	-	0.012	-	YES	2.05	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Europium-152	0.0576	0.0733	0.109	0.0566	MDC	YES	-	-	-	0.0576	YES	YES	1.93	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Europium-152	0.0286	0.0787	0.107	0.0566	MDC	-	-	-	-	0.0286	-	YES	1.89	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Europium-154	0.00831	0.0874	0.149	0.15	MDC	-	-	-	-	0.00831	-	-	0.99	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Europium-154	-0.0702	0.06	0.0935	0.15	MDC	-	-	-	-	-0.0702	-	-	0.62	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Europium-154	-0.054	0.0854	0.139	0.15	MDC	-	-	-	-	-0.054	-	-	0.93	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Europium-154	-0.0273	0.0739	0.125	0.15	MDC	-	-	-	-	-0.0273	-	-	0.83	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Europium-154	-0.0399	0.0907	0.148	0.15	MDC	-	-	-	-	-0.0399	-	-	0.99	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Europium-154	-0.0409	0.086	0.141	0.15	MDC	-	-	-	-	-0.0409	-	-	0.94	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Europium-154	0.027	0.0827	0.145	0.15	MDC	-	-	-	-	0.027	-	-	0.97	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Europium-154	-0.0247	0.0836	0.14	0.15	MDC	-	-	-	-	-0.0247	-	-	0.93	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Europium-154	0.00541	0.063	0.109	0.15	MDC	-	-	-	-	0.00541	-	-	0.73	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Europium-154	-0.0584	0.096	0.154	0.15	MDC	-	-	-	-	-0.0584	-	YES	1.03	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Europium-154	-0.0534	0.0719	0.113	0.15	MDC	-	-	-	-	-0.0534	-	-	0.75	pCi/g		257554	Complete
7/29/2010	AP/STP-																				

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Europium-154	0.0408	0.0861	0.132	0.15	MDC	-	-	-	-	0.0408	-	-	0.88	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Manganese-54	0.00438	0.0267	0.046	-	-	-	-	-	-	0.00438	-	-	-	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Manganese-54	-0.000652	0.019	0.0325	-	-	-	-	-	-	-0.000652	-	-	-	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Manganese-54	0.00772	0.0228	0.0402	-	-	-	-	-	-	0.00772	-	-	-	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Manganese-54	-0.0148	0.023	0.0383	-	-	-	-	-	-	-0.0148	-	-	-	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Manganese-54	0.0134	0.0272	0.0478	-	-	-	-	-	-	0.0134	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Manganese-54	0.0055	0.0259	0.0446	-	-	-	-	-	-	0.0055	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Manganese-54	0.0289	0.0254	0.0461	-	-	-	-	-	-	0.0289	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Manganese-54	0.0162	0.025	0.044	-	-	-	-	-	-	0.0162	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Manganese-54	0.00921	0.019	0.0342	-	-	-	-	-	-	0.00921	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Manganese-54	-0.0246	0.0299	0.0476	-	-	-	-	-	-	-0.0246	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Manganese-54	-0.0113	0.0217	0.0371	-	-	-	-	-	-	-0.0113	-	-	-	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Manganese-54	0.00454	0.0219	0.039	-	-	-	-	-	-	0.00454	-	-	-	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Manganese-54	-0.0174	0.0224	0.0371	-	-	-	-	-	-	-0.0174	-	-	-	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Manganese-54	0.0146	0.0179	0.0323	-	-	-	-	-	-	0.0146	-	-	-	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Manganese-54	0.0176	0.0189	0.0349	-	-	-	-	-	-	0.0176	-	-	-	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Manganese-54	-0.00206	0.0236	0.04	-	-	-	-	-	-	-0.00206	-	-	-	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Manganese-54	0.0136	0.0268	0.0474	-	-	-	-	-	-	0.0136	-	-	-	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Manganese-54	-0.00607	0.0246	0.0412	-	-	-	-	-	-	-0.00607	-	-	-	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Manganese-54	0.00311	0.0242	0.0412	-	-	-	-	-	-	0.00311	-	-	-	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Manganese-54	-0.00311	0.0266	0.043	-	-	-	-	-	-	-0.00311	-	-	-	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Potassium-40	23	2.45	0.365	32.4	BTV	-	YES	23	-	-	-	-	0.01	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Potassium-40	24.5	2.51	0.251	32.4	BTV	-	YES	24.5	-	-	-	-	0.01	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Potassium-40	22.7	2.38	0.376	32.4	BTV	-	YES	22.7	-	-	-	-	0.01	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Potassium-40	23	2.64	0.377	32.4	BTV	-	YES	23	-	-	-	-	0.01	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Potassium-40	22.9	2.43	0.431	32.4	BTV	-	YES	22.9	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Potassium-40	22.9	2.34	0.377	32.4	BTV	-	YES	22.9	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Potassium-40	22.6	2.29	0.391	32.4	BTV	-	YES	22.6	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Potassium-40	23	2.27	0.376	32.4	BTV	-	YES	23	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Potassium-40	23.8	2.3	0.259	32.4	BTV	-	YES	23.8	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Potassium-40	24.3	2.52	0.367	32.4	BTV	-	YES	24.3	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Potassium-40	24.3	2.32	0.306	32.4	BTV	-	YES	24.3	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Potassium-40	24.7	2.41	0.364	32.4	BTV	-	YES	24.7	-	-	-	-	0.01	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Potassium-40	22.9	2.42	0.384	32.4	BTV	-	YES	22.9	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Potassium-40	23.8	2.28	0.255	32.4	BTV	-	YES	23.8	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Potassium-40	23.5	2.21	0.3	32.4	BTV	-	YES	23.5	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Potassium-40	23.9	2.38	0.367	32.4	BTV	-	YES	23.9	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Potassium-40	24	2.61	0.413	32.4	BTV	-	YES	24	-	-	-	-	0.01	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Potassium-40	24.6	2.55	0.356	32.4	BTV	-	YES	24.6	-	-	-	-	0.01	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Potassium-40	24.4	2.47	0.313	32.4	BTV	-	YES	24.4	-	-	-	-	0.01	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Potassium-40	23.8	2.34	0.353	32.4	BTV	-	YES	23.8	-	-	-	-	0.01	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Sodium-22	0.00446	0.0309	0.0529	0.037	MDC	-	-	-	-	0.00446	-	YES	1.43	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Sodium-22	-0.0246	0.0211	0.0329	0.037	MDC	-	-	-	-	-0.0246	-	-	0.89	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Sodium-22	-0.022	0.0302	0.0488	0.037	MDC	-	-	-	-	-0.022	-	YES	1.32	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Sodium-22	-0.0116	0.026	0.0437	0.037	MDC	-	-	-	-	-0.0116	-	YES	1.18	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Sodium-22	-0.0239	0.0327	0.0521	0.037	MDC	-	-	-	-	-0.0239	-	YES	1.41	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Sodium-22	-0.0177	0.0305	0.0496	0.037	MDC	-	-	-	-	-0.0177	-	YES	1.34	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Sodium-22	0.0095	0.0291	0.0508	0.037	MDC	-	-	-	-	0.0095	-	YES	1.37	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Sodium-22	-0.00753	0.0295	0.0494	0.037	MDC	-	-	-	-	-0.00753	-	YES	1.34	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Sodium-22	0.00266	0.0222	0.0385	0.037	MDC	-	-	-	-	0.00266	-	YES	1.04	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Sodium-22	-0.0222	0.0336	0.0538	0.037	MDC	-	-	-	-	-0.0222	-	YES	1.45	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Sodium-22	-0.0184	0.0253	0.0398	0.037	MDC	-	-	-	-	-0.0184	-	YES	1.08	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Sodium-22	-0.0176	0.0275	0.0434	0.037	MDC	-	-	-	-	-0.0176	-	YES	1.17	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Sodium-22	-0.0143	0.0301	0.05	0.037	MDC	-	-	-	-	-0.0143	-	YES	1.35	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Sodium-22	-0.0173	0.0208	0.0342	0.037	MDC	-	-	-	-	-0.0173	-	-	0.92	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Sodium-22	0.00993	0.0222	0.0388	0.037	MDC	-	-	-	-	0.00993	-	YES	1.05	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Sodium-22	-0.0148	0.0276	0.0451	0.037	MDC	-	-	-	-	-0.0148	-	YES	1.22	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Sodium-22	-0.00708	0.0334	0.0546	0.037	MDC	-	-	-	-	-0.00708	-	YES	1.48	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Sodium-22	-0.0282	0.0277	0.0429	0.037	MDC	-	-	-	-	-0.0282	-	YES	1.16	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Sodium-22	-0.00843	0.0294	0.0488	0.037	MDC	-	-	-	-	-0.00843	-	YES	1.32	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Sodium-22	0.0146	0.0303	0.0463	0.037	MDC	-	-	-	-	0.0146	-	YES	1.25	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Strontium-90	0.0182	0.0285	0.0489	0.485	MDC	-	-	-	-	0.0182	-	-	0.10	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Strontium-90	-0.000835																

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Strontium-90	0.0298	0.029	0.0484	0.485	MDC	-	-	-	-	0.0298	-	-	0.10	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Strontium-90	0.0306	0.029	0.0475	0.485	MDC	-	-	-	-	0.0306	-	-	0.10	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Strontium-90	0.0332	0.0294	0.0485	0.485	MDC	-	-	-	-	0.0332	-	-	0.10	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Strontium-90	0.0547	0.0318	0.0482	0.485	MDC	-	YES	0.0547	-	-	-	-	0.10	pCi/g		259028	Complete
10/18/2011	AP/STP-1C-2	APWC0116	APWC0116AS001	Strontium-90	-0.0019	0.0267	0.0495	0.485	MDC	-	-	-	-	-0.0019	-	-	0.10	pCi/g	Re-sample	288416	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Strontium-90	0.081	0.0354	0.0485	0.485	MDC	-	YES	0.081	-	-	-	-	0.10	pCi/g	Re-sampled	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Strontium-90	0.00573	0.0273	0.0506	0.485	MDC	-	-	-	-	0.00573	-	-	0.10	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Strontium-90	0.0698	0.0341	0.0487	0.485	MDC	-	YES	0.0698	-	-	-	-	0.10	pCi/g		259028	Complete
10/18/2011	AP/STP-1C-2	APWC0122	APWC0122S001	Strontium-90	0.021	0.0283	0.0483	0.485	MDC	-	-	-	-	0.021	-	-	0.10	pCi/g	APWC0116 Stepout #1	288416	Complete
10/18/2011	AP/STP-1C-2	APWC0123	APWC0123S001	Strontium-90	0.0248	0.0245	0.04	0.485	MDC	-	-	-	-	0.0248	-	-	0.08	pCi/g	APWC0116 Stepout #2	288416	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Thorium-228	1.25	0.178	0.0776	3.98	BTV	-	YES	1.25	-	-	-	-	0.02	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Thorium-228	1.43	0.15	0.0499	3.98	BTV	-	YES	1.43	-	-	-	-	0.01	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Thorium-228	1.3	0.159	0.0651	3.98	BTV	-	YES	1.3	-	-	-	-	0.02	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Thorium-228	1.38	0.152	0.0659	3.98	BTV	-	YES	1.38	-	-	-	-	0.02	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Thorium-228	1.46	0.168	0.0725	3.98	BTV	-	YES	1.46	-	-	-	-	0.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Thorium-228	1.44	0.16	0.0648	3.98	BTV	-	YES	1.44	-	-	-	-	0.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Thorium-228	1.3	0.143	0.0633	3.98	BTV	-	YES	1.3	-	-	-	-	0.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Thorium-228	1.34	0.146	0.0667	3.98	BTV	-	YES	1.34	-	-	-	-	0.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Thorium-228	1.29	0.178	0.0553	3.98	BTV	-	YES	1.29	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Thorium-228	1.48	0.176	0.0721	3.98	BTV	-	YES	1.48	-	-	-	-	0.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Thorium-228	1.32	0.194	0.0549	3.98	BTV	-	YES	1.32	-	-	-	-	0.01	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Thorium-228	1.66	0.209	0.0597	3.98	BTV	-	YES	1.66	-	-	-	-	0.02	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Thorium-228	1.24	0.141	0.0584	3.98	BTV	-	YES	1.24	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Thorium-228	1.49	0.203	0.05	3.98	BTV	-	YES	1.49	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Thorium-228	1.46	0.21	0.0492	3.98	BTV	-	YES	1.46	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Thorium-228	1.41	0.149	0.0595	3.98	BTV	-	YES	1.41	-	-	-	-	0.01	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Thorium-228	1.32	0.177	0.0777	3.98	BTV	-	YES	1.32	-	-	-	-	0.02	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Thorium-228	1.53	0.172	0.0651	3.98	BTV	-	YES	1.53	-	-	-	-	0.02	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Thorium-228	1.27	0.151	0.0654	3.98	BTV	-	YES	1.27	-	-	-	-	0.02	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Thorium-228	1.42	0.152	0.0585	3.98	BTV	-	YES	1.42	-	-	-	-	0.01	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Thorium-232	1.23	0.275	0.186	3.1	BTV	-	YES	1.23	-	-	-	-	0.06	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Thorium-232	1.44	0.26	0.114	3.1	BTV	-	YES	1.44	-	-	-	-	0.04	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Thorium-232	1.37	0.253	0.146	3.1	BTV	-	YES	1.37	-	-	-	-	0.05	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Thorium-232	1.54	0.304	0.151	3.1	BTV	-	YES	1.54	-	-	-	-	0.05	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Thorium-232	1.43	0.269	0.179	3.1	BTV	-	YES	1.43	-	-	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Thorium-232	1.26	0.233	0.154	3.1	BTV	-	YES	1.26	-	-	-	-	0.05	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Thorium-232	1.3	0.263	0.167	3.1	BTV	-	YES	1.3	-	-	-	-	0.05	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Thorium-232	1.38	0.252	0.158	3.1	BTV	-	YES	1.38	-	-	-	-	0.05	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Thorium-232	1.4	0.251	0.118	3.1	BTV	-	YES	1.4	-	-	-	-	0.04	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Thorium-232	1.33	0.274	0.17	3.1	BTV	-	YES	1.33	-	-	-	-	0.05	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Thorium-232	1.31	0.243	0.14	3.1	BTV	-	YES	1.31	-	-	-	-	0.05	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Thorium-232	1.77	0.297	0.152	3.1	BTV	-	YES	1.77	-	-	-	-	0.05	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Thorium-232	1.35	0.261	0.174	3.1	BTV	-	YES	1.35	-	-	-	-	0.06	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Thorium-232	1.47	0.246	0.124	3.1	BTV	-	YES	1.47	-	-	-	-	0.04	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Thorium-232	1.47	0.249	0.125	3.1	BTV	-	YES	1.47	-	-	-	-	0.04	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Thorium-232	1.53	0.271	0.139	3.1	BTV	-	YES	1.53	-	-	-	-	0.04	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Thorium-232	1.51	0.296	0.172	3.1	BTV	-	YES	1.51	-	-	-	-	0.06	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Thorium-232	1.62	0.282	0.154	3.1	BTV	-	YES	1.62	-	-	-	-	0.05	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Thorium-232	1.39	0.256	0.141	3.1	BTV	-	YES	1.39	-	-	-	-	0.05	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Thorium-232	1.49	0.257	0.155	3.1	BTV	-	YES	1.49	-	-	-	-	0.05	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Tritium	-0.0541	0.372	0.71	11.9	MDC	-	-	-	-	-0.0541	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Tritium	0.32	0.446	0.764	11.9	MDC	-	-	-	-	0.32	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Tritium	-0.241	0.365	0.743	11.9	MDC	-	-	-	-	-0.241	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Tritium	0	0.4	0.749	11.9	MDC	-	-	-	-	0	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Tritium	-0.0842	0.382	0.736	11.9	MDC	-	-	-	-	-0.0842	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Tritium	0.0423	0.4	0.739	11.9	MDC	-	-	-	-	0.0423	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Tritium	-0.182	0.368	0.734	11.9	MDC	-	-	-	-	-0.182	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Tritium	0	0.404	0.756	11.9	MDC	-	-	-	-	0	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Tritium	-0.285	0.362	0.748	11.9	MDC	-	-	-	-	-0.285	-	-	0.06	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Tritium	-0.0538	0.37	0.705	11.9	MDC	-	-	-	-	-0.0538	-	-	0.06	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Tritium	-0.169	0.283	0.534	11.9	MDC	-	-	-	-	-0.169	-	-	0.04	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Tritium	-0.223	0.291	0.558	11.9	MDC	-	-	-	-	-0.223	-	-	0.05	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	T																	

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Uranium-235	-0.0555	0.146	0.246	0.151	BTV	-	-	-	-	-0.0555	-	YES	1.63	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Uranium-235	0.119	0.132	0.227	0.151	BTV	-	-	-	-	0.119	-	YES	1.50	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Uranium-235	-0.0306	0.135	0.226	0.151	BTV	-	-	-	-	-0.0306	-	YES	1.50	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Uranium-235	0.0454	0.14	0.247	0.151	BTV	-	-	-	-	0.0454	-	YES	1.64	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Uranium-235	-0.0452	0.117	0.207	0.151	BTV	-	-	-	-	-0.0452	-	YES	1.37	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Uranium-235	0.0259	0.161	0.28	0.151	BTV	-	-	-	-	0.0259	-	YES	1.85	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Uranium-235	0.0786	0.112	0.203	0.151	BTV	-	-	-	-	0.0786	-	YES	1.34	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Uranium-235	0.021	0.122	0.219	0.151	BTV	-	-	-	-	0.021	-	YES	1.45	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Uranium-235	0.14	0.12	0.211	0.151	BTV	-	-	-	-	0.14	-	YES	1.40	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Uranium-235	-0.0201	0.109	0.192	0.151	BTV	-	-	-	-	-0.0201	-	YES	1.27	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Uranium-235	-0.0324	0.106	0.185	0.151	BTV	-	-	-	-	-0.0324	-	YES	1.23	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Uranium-235	0.00258	0.126	0.212	0.151	BTV	-	-	-	-	0.00258	-	YES	1.40	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Uranium-235	-0.00666	0.165	0.276	0.151	BTV	-	-	-	-	-0.00666	-	YES	1.83	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Uranium-235	0.0233	0.138	0.235	0.151	BTV	-	-	-	-	0.0233	-	YES	1.56	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Uranium-235	-0.052	0.138	0.237	0.151	BTV	-	-	-	-	-0.052	-	YES	1.57	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Uranium-235	0.066	0.136	0.23	0.151	BTV	-	-	-	-	0.066	-	YES	1.52	pCi/g		259028	Complete
7/29/2010	AP/STP-1C-2	APWC0101	APWC0101S001	Uranium-238	1.23	1.08	1.99	1.8	BTV	-	-	-	-	1.23	-	YES	1.11	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0102	APWC0102AS001	Uranium-238	0.606	0.849	1.55	1.8	BTV	-	-	-	-	0.606	-	-	0.86	pCi/g	Re-sample	259028	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Uranium-238	0.808	1.15	2.13	1.8	BTV	-	-	-	-	0.808	-	YES	1.18	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0102	APWC0102S001	Uranium-238	1.29	1.24	1.57	1.8	BTV	-	-	-	-	1.29	-	-	0.87	pCi/g	Recount	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0103	APWC0103S001	Uranium-238	0.682	0.974	1.83	1.8	BTV	-	-	-	-	0.682	-	YES	1.02	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0104	APWC0104S001	Uranium-238	0.908	0.675	1.23	1.8	BTV	-	-	-	-	0.908	-	-	0.68	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0105	APWC0105S001	Uranium-238	0.317	0.857	1.61	1.8	BTV	-	-	-	-	0.317	-	-	0.89	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0106	APWC0106S001	Uranium-238	0.42	0.735	1.37	1.8	BTV	-	-	-	-	0.42	-	-	0.76	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0107	APWC0107S001	Uranium-238	0.1	0.662	1.25	1.8	BTV	-	-	-	-	0.1	-	-	0.69	pCi/g		257554	Complete
10/18/2011	AP/STP-1C-2	APWC0108	APWC0108AS001	Uranium-238	0.864	1.86	2.06	1.8	BTV	-	-	-	-	0.864	-	YES	1.14	pCi/g	Re-sample	288416	Complete
7/29/2010	AP/STP-1C-2	APWC0108	APWC0108S001	Uranium-238	2.11	1.81	2.05	1.8	BTV	YES	YES	2.11	YES	-	-	YES	1.14	pCi/g	Re-sampled	257554	Complete
7/29/2010	AP/STP-1C-2	APWC0109	APWC0109S001	Uranium-238	0.861	0.9	1.06	1.8	BTV	-	-	-	-	0.861	-	-	0.59	pCi/g		257554	Complete
7/29/2010	AP/STP-1C-2	APWC0110	APWC0110S001	Uranium-238	0.328	0.822	1.43	1.8	BTV	-	-	-	-	0.328	-	-	0.79	pCi/g		257554	Complete
8/17/2010	AP/STP-1C-2	APWC0111	APWC0111S001	Uranium-238	0.572	0.835	1.51	1.8	BTV	-	-	-	-	0.572	-	-	0.84	pCi/g	APWC0102 Stepout #1	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0112	APWC0112S001	Uranium-238	1.04	0.887	1.08	1.8	BTV	-	-	-	-	1.04	-	-	0.60	pCi/g	APWC0102 Stepout #2	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0113	APWC0113S001	Uranium-238	0.671	0.599	1.08	1.8	BTV	-	-	-	-	0.671	-	-	0.60	pCi/g	APWC0102 Stepout #3	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0114	APWC0114S001	Uranium-238	0.832	0.885	1.36	1.8	BTV	-	-	-	-	0.832	-	-	0.76	pCi/g	APWC0102 Stepout #4	259028	Complete
8/17/2010	AP/STP-1C-2	APWC0115	APWC0115S001	Uranium-238	0.419	1.52	2.55	1.8	BTV	-	-	-	-	0.419	-	YES	1.42	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0116	APWC0116S001	Uranium-238	0.93	0.968	1.74	1.8	BTV	-	-	-	-	0.93	-	-	0.97	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0117	APWC0117S001	Uranium-238	0.427	1.1	1.93	1.8	BTV	-	-	-	-	0.427	-	YES	1.07	pCi/g		259028	Complete
8/17/2010	AP/STP-1C-2	APWC0118	APWC0118S001	Uranium-238	1.12	1.06	1.2	1.8	BTV	-	-	-	-	1.12	-	-	0.67	pCi/g		259028	Complete
10/18/2011	AP/STP-1C-2	APWC0124	APWC0124S001	Uranium-238	1.09	1.3	1.39	1.8	BTV	-	-	-	-	1.09	-	-	0.77	pCi/g	APWC0108 Stepout #1	288416	Complete
10/18/2011	AP/STP-1C-2	APWC0125	APWC0125S001	Uranium-238	1.59	1.24	1.2	1.8	BTV	-	YES	1.59	-	-	-	-	0.67	pCi/g	APWC0108 Stepout #2	288416	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Americium-241	-0.0331	0.141	0.263	0.0454	MDC	-	-	-	-	-0.0331	-	YES	5.79	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Americium-241	-0.0542	0.0893	0.143	0.0454	MDC	-	-	-	-	-0.0542	-	YES	3.15	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Americium-241	-0.00413	0.0321	0.0534	0.0454	MDC	-	-	-	-	-0.00413	-	YES	1.18	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Americium-241	0.143	0.0971	0.181	0.0454	MDC	YES	-	-	-	0.143	YES	YES	3.99	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Americium-241	-0.0909	0.187	0.346	0.0454	MDC	-	-	-	-	-0.0909	-	YES	7.62	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Cesium-134	0.0528	0.0464	0.059	0.0864	MDC	-	-	-	-	0.0528	-	-	0.68	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Cesium-134	0	0.0435	0.0584	0.0864	MDC	-	-	-	-	0	-	-	0.68	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Cesium-134	0	0.0469	0.0624	0.0864	MDC	-	-	-	-	0	-	-	0.72	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Cesium-134	0.0647	0.0677	0.0655	0.0864	MDC	-	-	-	-	0.0647	-	-	0.76	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Cesium-134	0	0.0582	0.0721	0.0864	MDC	-	-	-	-	0	-	-	0.83	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Cesium-137	0.0462	0.0389	0.0433	0.207	BTV	-	YES	0.0462	-	-	-	-	0.21	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Cesium-137	-0.0176	0.022	0.0358	0.207	BTV	-	-	-	-	-0.0176	-	-	0.17	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Cesium-137	-0.021	0.0297	0.0529	0.207	BTV	-	-	-	-	-0.021	-	-	0.26	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Cesium-137	0.0196	0.0279	0.0502	0.207	BTV	-	-	-	-	0.0196	-	-	0.24	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Cesium-137	0.0032	0.0279	0.0501	0.207	BTV	-	-	-	-	0.0032	-	-	0.24	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Cobalt-60	-0.00853	0.0265	0.0441	0.028	MDC	-	-	-	-	-0.00853	-	YES	1.58	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Cobalt-60	0.00555	0.0221	0.038	0.028	MDC	-	-	-	-	0.00555	-	YES	1.36	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Cobalt-60	-0.0142	0.0244	0.0395	0.028	MDC	-	-	-	-	-0.0142	-	YES	1.41	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Cobalt-60	0.00303	0.0291	0.0504	0.028	MDC	-	-	-	-	0.00303	-	YES	1.80	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Cobalt-60	0.0254	0.0312	0.0559	0.028	MDC	-	-	-	-	0.0254	-	YES	2.00	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Europium-152	-0.00813	0.0607	0.107	0.0566	MDC	-	-	-	-	-0.00813	-	YES	1.89	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Europium-152	-0.013	0.0502	0.0916	0.0566	MDC	-	-	-	-	-0.013	-	YES	1.62	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Europium-152	-0.0563	0.0															

**2009 - 2011 NASA ISRA Soil Data (pCi/g)
AP/STP-1B, -1C-1, -1C-2 and -1E-2**

Sampling Date	Sampling Location (General)	Sampling Location (Specific)	Sample Serial Number	Isotope	Activity	Error (+/-)	MDC	USEPA RTL	RTL Source	Activity > RTL ?	Activity > MDC ?	Detected Activity	Detected Activity > RTL ?	Non-detect Activity	Non-detect Activity > RTL ?	MDC > RTL ?	Ratio of MDC to RTL	Units	Comments	Document	Excavation Status
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Europium-154	0.0393	0.0927	0.161	0.15	MDC	-	-	-	-	0.0393	-	YES	1.07	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Manganese-54	-0.00429	0.0253	0.0431	-	-	-	-	-	-	-0.00429	-	-	-	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Manganese-54	-0.00343	0.0216	0.0379	-	-	-	-	-	-	-0.00343	-	-	-	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Manganese-54	0.0183	0.0245	0.0447	-	-	-	-	-	-	0.0183	-	-	-	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Manganese-54	0.0253	0.0243	0.0456	-	-	-	-	-	-	0.0253	-	-	-	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Manganese-54	-0.0572	0.0294	0.0419	-	-	-	-	-	-	-0.0572	-	-	-	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Potassium-40	23.6	2.51	0.375	32.4	BTV	-	YES	23.6	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Potassium-40	19.1	1.91	0.344	32.4	BTV	-	YES	19.1	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Potassium-40	23.3	2.25	0.372	32.4	BTV	-	YES	23.3	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Potassium-40	21.1	2.3	0.397	32.4	BTV	-	YES	21.1	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Potassium-40	22.5	2.52	0.37	32.4	BTV	-	YES	22.5	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Sodium-22	-0.0337	0.0281	0.0431	0.037	MDC	-	-	-	-	-0.0337	-	YES	1.16	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Sodium-22	0.0109	0.0242	0.0424	0.037	MDC	-	-	-	-	0.0109	-	YES	1.15	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Sodium-22	-0.000324	0.0295	0.0509	0.037	MDC	-	-	-	-	-0.000324	-	YES	1.38	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Sodium-22	-0.03	0.0334	0.053	0.037	MDC	-	-	-	-	-0.03	-	YES	1.43	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Sodium-22	0.00406	0.0333	0.0566	0.037	MDC	-	-	-	-	0.00406	-	YES	1.53	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Strontium-90	0.0315	0.0261	0.0417	0.485	MDC	-	-	-	-	0.0315	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Strontium-90	0.0334	0.0265	0.0417	0.485	MDC	-	-	-	-	0.0334	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Strontium-90	0.0226	0.0252	0.042	0.485	MDC	-	-	-	-	0.0226	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Strontium-90	0.0172	0.0281	0.0479	0.485	MDC	-	-	-	-	0.0172	-	-	0.10	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Strontium-90	0.0301	0.0284	0.0472	0.485	MDC	-	-	-	-	0.0301	-	-	0.10	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Thorium-228	1.25	0.15	0.0646	3.98	BTV	-	YES	1.25	-	-	-	-	0.02	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Thorium-228	1.36	0.173	0.0575	3.98	BTV	-	YES	1.36	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Thorium-228	1.4	0.171	0.0538	3.98	BTV	-	YES	1.4	-	-	-	-	0.01	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Thorium-228	1.02	0.123	0.0611	3.98	BTV	-	YES	1.02	-	-	-	-	0.02	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Thorium-228	1.29	0.172	0.0818	3.98	BTV	-	YES	1.29	-	-	-	-	0.02	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Thorium-232	1.18	0.23	0.138	3.1	BTV	-	YES	1.18	-	-	-	-	0.04	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Thorium-232	1.43	0.245	0.131	3.1	BTV	-	YES	1.43	-	-	-	-	0.04	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Thorium-232	1.61	0.281	0.146	3.1	BTV	-	YES	1.61	-	-	-	-	0.05	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Thorium-232	0.988	0.246	0.176	3.1	BTV	-	YES	0.988	-	-	-	-	0.06	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Thorium-232	1.22	0.265	0.18	3.1	BTV	-	YES	1.22	-	-	-	-	0.06	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Tritium	-0.123	0.584	1.01	11.9	MDC	-	-	-	-	-0.123	-	-	0.08	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Tritium	-0.33	0.586	1.03	11.9	MDC	-	-	-	-	-0.33	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Tritium	-0.266	0.599	1.05	11.9	MDC	-	-	-	-	-0.266	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Tritium	0.138	0.609	1.04	11.9	MDC	-	-	-	-	0.138	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Tritium	-0.0114	0.597	1.03	11.9	MDC	-	-	-	-	-0.0114	-	-	0.09	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Uranium-235	0.0258	0.13	0.229	0.151	BTV	-	-	-	-	0.0258	-	YES	1.52	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Uranium-235	-0.0435	0.114	0.205	0.151	BTV	-	-	-	-	-0.0435	-	YES	1.36	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Uranium-235	-0.0287	0.107	0.195	0.151	BTV	-	-	-	-	-0.0287	-	YES	1.29	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Uranium-235	0.0634	0.122	0.217	0.151	BTV	-	-	-	-	0.0634	-	YES	1.44	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Uranium-235	-0.00759	0.17	0.299	0.151	BTV	-	-	-	-	-0.00759	-	YES	1.98	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0501	APWC0501S001	Uranium-238	-0.572	1.16	2.1	1.8	BTV	-	-	-	-	-0.572	-	YES	1.17	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0502	APWC0502S001	Uranium-238	1.3	0.943	1.24	1.8	BTV	-	YES	1.3	-	-	-	-	0.69	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0503	APWC0503S001	Uranium-238	1.02	0.564	0.541	1.8	BTV	-	YES	1.02	-	-	-	-	0.30	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0504	APWC0504S001	Uranium-238	1.15	1.08	1.43	1.8	BTV	-	-	-	-	1.15	-	-	0.79	pCi/g		257646	Complete
7/30/2010	AP/STP-1E-2	APWC0505	APWC0505S001	Uranium-238	-0.535	1.58	2.73	1.8	BTV	-	-	-	-	-0.535	-	YES	1.52	pCi/g		257646	Complete