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COMPANY

Draft Industrial Area Sampling and Analysis Plan FY03 Addendum #IA-03-09 IHSS Group 600-4

• Environmental Restoration •
Rocky Flats Environmental Technology Site

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Approval received from the Colorado Department of Public Health and Environment.
( )
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ACRONYMS

AL	action level
DOE	U.S. Department of Energy
FY	Fiscal Year
HPGe	high-purity germanium
HRR	Historical Release Report
IA	Industrial Area
IASAP	Industrial Area Sampling and Analysis Plan
IHSS	Individual Hazardous Substance Site
MDL	method detection limit
mg/kg	milligrams per kilogram
N/A	not applicable
NFA	no further action
PAC	Potential Area of Concern
PCB	polychlorinated biphenyl
pCi/g	picocuries per gram
PCOC	potential contaminant of concern
RCRA	Resource Conservation and Recovery Act
SAP	Sampling and Analysis Plan
UBC	Under Building Contamination
VOC	volatile organic compound
WRW	wildlife refuge worker

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1.0 INTRODUCTION

This Industrial Area (IA) Sampling and Analysis Plan (SAP) (IASAP) (DOE 2001) Addendum #IA-03-09 includes Individual Hazardous Substance Site (IHSS) Group-specific information, sampling locations, and potential contaminants of concern (PCOCs) for an IHSS proposed for characterization during Fiscal Year (FY) 03. This IASAP Addendum is a supplement to the IASAP (DOE 2001) and includes data and proposed sampling locations for IHSS Group 600-4. IHSS Group 600-4 consists of one IHSS: 600-160 – Radioactive Site Building 444 Parking Lot.

1.1 EXISTING CHARACTERIZATION INFORMATION

Existing information and data for this IHSS are available in Appendix C of the IASAP (DOE 2001), the Historical Release Reports (HRRs) (DOE 1992-2002), and the IA Data Summary Report (DOE 2000). Potential Contaminants of Concern (PCOCs) for this IHSS include radionuclides, metals, volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs) in both surface and subsurface soil as described below in Table 1.

Table 1
IHSS Group 600-4 PCOCs

IHSS Group	IHSS/PAC/UBC Site	PCOCs	Media	Data Source	Sampling Location Method
600-4	600-160 – Radioactive Site Building 444 Parking Lot	Radionuclides Metals VOCs PCBs	Surface and Subsurface Soil	HRR (DOE 1992-2002) Process Knowledge (IASAP [DOE 2001])	Statistical

1.2 SAMPLING

Proposed new sampling locations are the starting point for IHSS Group characterization. After characterization starts, the number and type of samples may change based on sampling results. Changes to sampling specifications will be considered in consultation with the regulatory agencies.

Three types of sampling strategies are used to determine sampling locations: statistical, geostatistical, and biased. Statistical grids have computer-generated random start points and orientations. Additionally, the grids have been extended outside the IHSS to provide additional sampling locations if needed. Biased samples are based on existing data and supplement the statistical grid locations. This IASAP Addendum for IHSS Group 600-4 solely utilizes a statistical sampling strategy.

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2.0 IHSS GROUP 600-4

IHSS Group 600-4 is located in the south central portion of the IA and was previously used as a storage area containing punctured or leaking waste drums and boxes. Located east of Building 444, IHSS 600-160 consists of an area that contains the Building 444 parking lot and a section of Seventh Avenue. The location of the IHSS Group proposed for characterization is shown on Figure 1.

2.1 EXISTING CHARACTERIZATION INFORMATION

Existing concentrations and activities above the background means plus two standard deviations or detection limits (DLs) are presented on Figure 2. Existing surface and subsurface data results greater than background means plus two standard deviations or DLs were queried. The notable samples are primarily in the vicinity of the northeastern corner and also in the southwestern corner of the IHSS. The existing data reveals radionuclides, metals, and VOCs as the major PCOCs. PCBs are also of concern in the southwestern corner of the IHSS, because transformers were stored near the southwestern corner of IHSS 600-160 (EG&G 1991). Other information was available and determined not to be of decision-making quality because it failed to pass the data quality filter. Even though this information is not displayed on Figure 2, it was taken into consideration during the development of this IASAP Addendum (DOE 2003).

2.2 SAMPLING

The proposed sampling specifications (number and types of samples) for IHSS Group 600-4 are listed in Table 2 and shown on Figure 3. A statistical sampling strategy was chosen. In accordance with the IASAP (DOE 2001), an 11-meter grid spacing was randomly placed over the IHSS and sample locations were designated at the grid intersections.

In general, the contaminants of concern for all sample locations consist of radionuclides, metals and VOCs. Uniquely, in the southwestern corner of the IHSS, nine samples will also be analyzed for PCBs, addressing potential contamination from the 668 concrete pad located just outside of this IHSS.

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Table 2
IHSS Group 600-4 Sampling Specifications

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
600-4	IHSS 600-160 - Radioactive Site Building 444 Parking Lot	CA35-000A	2082849.8	748553.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-000A	2082849.8	748553.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-000A	2082849.8	748553.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-000A	2082849.8	748553.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-000B	2082849.8	748553.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-000B	2082849.8	748553.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-000A	2082849.8	748553.8	Surface Soil	0' - 0.5'	Dioxins & Furans	NA	8290
		CA35-001A	2082883.1	748540.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-001A	2082883.1	748540.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-001A	2082883.1	748540.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-001B	2082883.1	748540.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-002A	2082916.4	748526.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-002A	2082916.4	748526.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-002A	2082916.4	748526.4	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA35-002B	2082916.4	748526.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-003A	2082788.0	748545.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-003A	2082788.0	748545.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-003A	2082788.0	748545.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-003A	2082788.0	748545.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-003B	2082788.0	748545.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-003B	2082788.0	748545.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-004A	2082821.3	748531.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-004A	2082821.3	748531.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-004A	2082821.3	748531.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-004A	2082821.3	748531.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-004B	2082821.3	748531.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-004B	2082821.3	748531.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-005A	2082854.6	748518.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA35-005A	2082854.6	748518.1	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA35-005A	2082854.6	748518.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA35-005A	2082854.6	748518.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA35-005B	2082854.6	748518.1	Surface Soil	0' - 0.5'	PCBs	NA	8082

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA35-005B	2082854.6	748518.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-000A	2082854.2	748754.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-000A	2082854.2	748754.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-000A	2082854.2	748754.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-000B	2082854.2	748754.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-001A	2082887.5	748740.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-001A	2082887.5	748740.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-001A	2082887.5	748740.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-001B	2082887.5	748740.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-002A	2082920.8	748726.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-002A	2082920.8	748726.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-002A	2082920.8	748726.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-002B	2082920.8	748726.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-003A	2082792.4	748745.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-003A	2082792.4	748745.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-003A	2082792.4	748745.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-003B	2082792.4	748745.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-004A	2082825.7	748732.2	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-004A	2082825.7	748732.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-004A	2082825.7	748732.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-004B	2082825.7	748732.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-005A	2082859.0	748718.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-005A	2082859.0	748718.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-005A	2082859.0	748718.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-005B	2082859.0	748718.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-006A	2082892.3	748704.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-006A	2082892.3	748704.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-006A	2082892.3	748704.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-006B	2082892.3	748704.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-007A	2082925.6	748691.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-007A	2082925.6	748691.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-007A	2082925.6	748691.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-007B	2082925.6	748691.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-008A	2082797.3	748710.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-008A	2082797.3	748710.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-008A	2082797.3	748710.2	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-008B	2082797.3	748710.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-009A	2082830.6	748696.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-009A	2082830.6	748696.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-009A	2082830.6	748696.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-009B	2082830.6	748696.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-010A	2082863.9	748682.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-010A	2082863.9	748682.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-010A	2082863.9	748682.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-010B	2082863.9	748682.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-011A	2082897.2	748669.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-011A	2082897.2	748669.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-011A	2082897.2	748669.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-011B	2082897.2	748669.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-012A	2082930.5	748655.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-012A	2082930.5	748655.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-012A	2082930.5	748655.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-012B	2082930.5	748655.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-013A	2082768.8	748688.2	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-013A	2082768.8	748688.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-013A	2082768.8	748688.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-013B	2082768.8	748688.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-014A	2082802.1	748674.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-014A	2082802.1	748674.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-014A	2082802.1	748674.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-014B	2082802.1	748674.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-015A	2082835.4	748660.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-015A	2082835.4	748660.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-015A	2082835.4	748660.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-015B	2082835.4	748660.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-016A	2082868.7	748647.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-016A	2082868.7	748647.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-016A	2082868.7	748647.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-016B	2082868.7	748647.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-017A	2082902.0	748633.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-017A	2082902.0	748633.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-017A	2082902.0	748633.4	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-017B	2082902.0	748633.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-018A	2082935.3	748619.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-018A	2082935.3	748619.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-018A	2082935.3	748619.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-018B	2082935.3	748619.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-019A	2082773.6	748652.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-019A	2082773.6	748652.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-019A	2082773.6	748652.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-019B	2082773.6	748652.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-020A	2082806.9	748638.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-020A	2082806.9	748638.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-020A	2082806.9	748638.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-020B	2082806.9	748638.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-021A	2082840.2	748625.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-021A	2082840.2	748625.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-021A	2082840.2	748625.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-021B	2082840.2	748625.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-022A	2082873.5	748611.4	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-022A	2082873.5	748611.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-022A	2082873.5	748611.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-022B	2082873.5	748611.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-023A	2082906.8	748597.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-023A	2082906.8	748597.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-023A	2082906.8	748597.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-023B	2082906.8	748597.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-024A	2082778.4	748616.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-024A	2082778.4	748616.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-024A	2082778.4	748616.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-024A	2082778.4	748616.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-024B	2082778.4	748616.8	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-024B	2082778.4	748616.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-025A	2082811.7	748603.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-025A	2082811.7	748603.1	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-025A	2082811.7	748603.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-025A	2082811.7	748603.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-025B	2082811.7	748603.1	Surface Soil	0' - 0.5'	PCBs	NA	8082

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-025B	2082811.7	748603.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-025A	2082811.7	748603.1	Surface Soil	0' - 0.5'	Dioxins & Furans	NA	8290
		CA36-026A	2082845.0	748589.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-026A	2082845.0	748589.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-026A	2082845.0	748589.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-026A	2082845.0	748589.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-026B	2082845.0	748589.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-026B	2082845.0	748589.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-027A	2082878.3	748575.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-027A	2082878.3	748575.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-027A	2082878.3	748575.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-027B	2082878.3	748575.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-028A	2082911.6	748562.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-028A	2082911.6	748562.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-028A	2082911.6	748562.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-028B	2082911.6	748562.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-029A	2082783.2	748581.1	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA36-029A	2082783.2	748581.1	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-029A	2082783.2	748581.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-029A	2082783.2	748581.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-029B	2082783.2	748581.1	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-029B	2082783.2	748581.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-030A	2082816.5	748567.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA36-030A	2082816.5	748567.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-030A	2082816.5	748567.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA36-030A	2082816.5	748567.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA36-030B	2082816.5	748567.4	Surface Soil	0' - 0.5'	PCBs	NA	8082
		CA36-030B	2082816.5	748567.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-000A	2082858.7	748954.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-000A	2082858.7	748954.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-000A	2082858.7	748954.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-000B	2082858.7	748954.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-001A	2082892.0	748940.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-001A	2082892.0	748940.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-001A	2082892.0	748940.9	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-001B	2082892.0	748940.9	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA37-001B	2082892.0	748940.9	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA37-001B	2082892.0	748940.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-001C	2082892.0	748940.9	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA37-001C	2082892.0	748940.9	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA37-001D	2082892.0	748940.9	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA37-001D	2082892.0	748940.9	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA37-002A	2082925.3	748927.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-002A	2082925.3	748927.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-002A	2082925.3	748927.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-002B	2082925.3	748927.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-003A	2082796.9	748946.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-003A	2082796.9	748946.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-003A	2082796.9	748946.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-003B	2082796.9	748946.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-004A	2082830.2	748932.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-004A	2082830.2	748932.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-004A	2082830.2	748932.5	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-004B	2082830.2	748932.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-005A	2082863.5	748918.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-005A	2082863.5	748918.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-005A	2082863.5	748918.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-005B	2082863.5	748918.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-006A	2082896.8	748905.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-006A	2082896.8	748905.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-006A	2082896.8	748905.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-006B	2082896.8	748905.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA37-006B	2082896.8	748905.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA37-006B	2082896.8	748905.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-006C	2082896.8	748905.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA37-006C	2082896.8	748905.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA37-006D	2082896.8	748905.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA37-006D	2082896.8	748905.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA37-007A	2082930.1	748891.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-007A	2082930.1	748891.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-007A	2082930.1	748891.5	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-007B	2082930.1	748891.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA37-007B	2082930.1	748891.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA37-007B	2082930.1	748891.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-007C	2082930.1	748891.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA37-007C	2082930.1	748891.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA37-007D	2082930.1	748891.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA37-007D	2082930.1	748891.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA37-008A	2082768.4	748924.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-008A	2082768.4	748924.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-008A	2082768.4	748924.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-008B	2082768.4	748924.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-009A	2082801.7	748910.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-009A	2082801.7	748910.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-009A	2082801.7	748910.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-009B	2082801.7	748910.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-010A	2082835.0	748896.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-010A	2082835.0	748896.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-010A	2082835.0	748896.9	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-010B	2082835.0	748896.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-011A	2082868.3	748883.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-011A	2082868.3	748883.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-011A	2082868.3	748883.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-011B	2082868.3	748883.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-012A	2082901.6	748869.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-012A	2082901.6	748869.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-012A	2082901.6	748869.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-012B	2082901.6	748869.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA37-012B	2082901.6	748869.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA37-012B	2082901.6	748869.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-012C	2082901.6	748869.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA37-012C	2082901.6	748869.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA37-012D	2082901.6	748869.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA37-012D	2082901.6	748869.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA37-013A	2082934.9	748855.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-013A	2082934.9	748855.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-013A	2082934.9	748855.8	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-013B	2082934.9	748855.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA37-013B	2082934.9	748855.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA37-013B	2082934.9	748855.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-013C	2082934.9	748855.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA37-013C	2082934.9	748855.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA37-013D	2082934.9	748855.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA37-013D	2082934.9	748855.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA37-014A	2082773.2	748888.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-014A	2082773.2	748888.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-014A	2082773.2	748888.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-014B	2082773.2	748888.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-015A	2082806.5	748874.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-015A	2082806.5	748874.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-015A	2082806.5	748874.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-015B	2082806.5	748874.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-016A	2082839.8	748861.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-016A	2082839.8	748861.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-016A	2082839.8	748861.2	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-016B	2082839.8	748861.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-017A	2082873.1	748847.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-017A	2082873.1	748847.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-017A	2082873.1	748847.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-017B	2082873.1	748847.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-018A	2082906.4	748833.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-018A	2082906.4	748833.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-018A	2082906.4	748833.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-018B	2082906.4	748833.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-019A	2082778.0	748852.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-019A	2082778.0	748852.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-019A	2082778.0	748852.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-019B	2082778.0	748852.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-020A	2082811.3	748839.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-020A	2082811.3	748839.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-020A	2082811.3	748839.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-020B	2082811.3	748839.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-021A	2082844.6	748825.5	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-021A	2082844.6	748825.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-021A	2082844.6	748825.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-021B	2082844.6	748825.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-022A	2082877.9	748811.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-022A	2082877.9	748811.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-022A	2082877.9	748811.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-022B	2082877.9	748811.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-023A	2082911.2	748798.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-023A	2082911.2	748798.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-023A	2082911.2	748798.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-023B	2082911.2	748798.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-024A	2082782.8	748817.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-024A	2082782.8	748817.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-024A	2082782.8	748817.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-024B	2082782.8	748817.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-025A	2082816.1	748803.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-025A	2082816.1	748803.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-025A	2082816.1	748803.5	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-025B	2082816.1	748803.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-026A	2082849.4	748789.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-026A	2082849.4	748789.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-026A	2082849.4	748789.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-026B	2082849.4	748789.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-027A	2082882.7	748776.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-027A	2082882.7	748776.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-027A	2082882.7	748776.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-027B	2082882.7	748776.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-028A	2082916.0	748762.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-028A	2082916.0	748762.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-028A	2082916.0	748762.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-028B	2082916.0	748762.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-029A	2082787.6	748781.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA37-029A	2082787.6	748781.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-029A	2082787.6	748781.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-029B	2082787.6	748781.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-030A	2082820.9	748767.8	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA37-030A	2082820.9	748767.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA37-030A	2082820.9	748767.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA37-030B	2082820.9	748767.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-002A	2082887.2	748976.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA38-002A	2082887.2	748976.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA38-002A	2082887.2	748976.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-002B	2082887.2	748976.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA38-002B	2082887.2	748976.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CA38-002B	2082887.2	748976.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-002C	2082887.2	748976.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA38-002C	2082887.2	748976.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA38-002D	2082887.2	748976.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA38-002D	2082887.2	748976.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA38-003A	2082920.5	748962.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA38-003A	2082920.5	748962.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA38-003A	2082920.5	748962.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-003B	2082920.5	748962.9	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CA38-003B	2082920.5	748962.9	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CA38-003B	2082920.5	748962.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-003C	2082920.5	748962.9	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CA38-003C	2082920.5	748962.9	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CA38-003D	2082920.5	748962.9	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CA38-003D	2082920.5	748962.9	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CA38-004A	2082792.1	748981.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA38-004A	2082792.1	748981.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA38-004A	2082792.1	748981.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-004B	2082792.1	748981.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-005A	2082825.4	748968.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CA38-005A	2082825.4	748968.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CA38-005A	2082825.4	748968.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CA38-005B	2082825.4	748968.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-000A	2083006.7	748556.7	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB35-000A	2083006.7	748556.7	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB35-000A	2083006.7	748556.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-000B	2083006.7	748556.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-001A	2083040.0	748543.1	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB35-001A	2083040.0	748543.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB35-001A	2083040.0	748543.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-001B	2083040.0	748543.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-002A	2082944.9	748548.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB35-002A	2082944.9	748548.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB35-002A	2082944.9	748548.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-002B	2082944.9	748548.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-003A	2082978.2	748534.7	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB35-003A	2082978.2	748534.7	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB35-003A	2082978.2	748534.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-003B	2082978.2	748534.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-004A	2083011.5	748521.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB35-004A	2083011.5	748521.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB35-004A	2083011.5	748521.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB35-004B	2083011.5	748521.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-000A	2083011.1	748757.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-000A	2083011.1	748757.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-000A	2083011.1	748757.1	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB36-000B	2083011.1	748757.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-001A	2083044.4	748743.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-001A	2083044.4	748743.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-001A	2083044.4	748743.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-001B	2083044.4	748743.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-002A	2082949.3	748748.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-002A	2082949.3	748748.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-002A	2082949.3	748748.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-002B	2082949.3	748748.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-003A	2082982.6	748735.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-003A	2082982.6	748735.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-003A	2082982.6	748735.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-003B	2082982.6	748735.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-004A	2083015.9	748721.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-004A	2083015.9	748721.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-004A	2083015.9	748721.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-004B	2083015.9	748721.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-005A	2083049.2	748707.8	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB36-005A	2083049.2	748707.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-005A	2083049.2	748707.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-005B	2083049.2	748707.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-006A	2082954.1	748713.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-006A	2082954.1	748713.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-006A	2082954.1	748713.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-006B	2082954.1	748713.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-007A	2082987.4	748699.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-007A	2082987.4	748699.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-007A	2082987.4	748699.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-007B	2082987.4	748699.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-008A	2083020.7	748685.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-008A	2083020.7	748685.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-008A	2083020.7	748685.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-008B	2083020.7	748685.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-009A	2083054.0	748672.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-009A	2083054.0	748672.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-009A	2083054.0	748672.1	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB36-009B	2083054.0	748672.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-010A	2082958.9	748677.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-010A	2082958.9	748677.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-010A	2082958.9	748677.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-010B	2082958.9	748677.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-011A	2082992.2	748663.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-011A	2082992.2	748663.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-011A	2082992.2	748663.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-011B	2082992.2	748663.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-012A	2083025.6	748650.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-012A	2083025.6	748650.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-012A	2083025.6	748650.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-012B	2083025.6	748650.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-013A	2083058.9	748636.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-013A	2083058.9	748636.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-013A	2083058.9	748636.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-013B	2083058.9	748636.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-014A	2082963.8	748641.8	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB36-014A	2082963.8	748641.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-014A	2082963.8	748641.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-014B	2082963.8	748641.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-015A	2082997.1	748628.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-015A	2082997.1	748628.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-015A	2082997.1	748628.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-015B	2082997.1	748628.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-016A	2083030.4	748614.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-016A	2083030.4	748614.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-016A	2083030.4	748614.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-016B	2083030.4	748614.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-017A	2083063.7	748600.7	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-017A	2083063.7	748600.7	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-017A	2083063.7	748600.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-017B	2083063.7	748600.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-018A	2082968.6	748606.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-018A	2082968.6	748606.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-018A	2082968.6	748606.1	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB36-018B	2082968.6	748606.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-019A	2083001.9	748592.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-019A	2083001.9	748592.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-019A	2083001.9	748592.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-019B	2083001.9	748592.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-020A	2083035.2	748578.7	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-020A	2083035.2	748578.7	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-020A	2083035.2	748578.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-020B	2083035.2	748578.7	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-021A	2082940.1	748584.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-021A	2082940.1	748584.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-021A	2082940.1	748584.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-021B	2082940.1	748584.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-022A	2082973.4	748570.4	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB36-022A	2082973.4	748570.4	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB36-022A	2082973.4	748570.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB36-022B	2082973.4	748570.4	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-000A	2083015.6	748957.5	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-000A	2083015.6	748957.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-000A	2083015.6	748957.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-000B	2083015.6	748957.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-000B	2083015.6	748957.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-000B	2083015.6	748957.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-000C	2083015.6	748957.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-000C	2083015.6	748957.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-000D	2083015.6	748957.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-000D	2083015.6	748957.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-001A	2083048.9	748943.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-001A	2083048.9	748943.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-001A	2083048.9	748943.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-001B	2083048.9	748943.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-001B	2083048.9	748943.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-001B	2083048.9	748943.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-001C	2083048.9	748943.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-001C	2083048.9	748943.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-001D	2083048.9	748943.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-001D	2083048.9	748943.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-002A	2082953.8	748949.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-002A	2082953.8	748949.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-002A	2082953.8	748949.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-002B	2082953.8	748949.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-002B	2082953.8	748949.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-002B	2082953.8	748949.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-002C	2082953.8	748949.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-002C	2082953.8	748949.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-002D	2082953.8	748949.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-002D	2082953.8	748949.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-003A	2082987.1	748935.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-003A	2082987.1	748935.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-003A	2082987.1	748935.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-003B	2082987.1	748935.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-003B	2082987.1	748935.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-003B	2082987.1	748935.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-003C	2082987.1	748935.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-003C	2082987.1	748935.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-003D	2082987.1	748935.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-003D	2082987.1	748935.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-004A	2083020.4	748921.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-004A	2083020.4	748921.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-004A	2083020.4	748921.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-004B	2083020.4	748921.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-004B	2083020.4	748921.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-004B	2083020.4	748921.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-004C	2083020.4	748921.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-004C	2083020.4	748921.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-004D	2083020.4	748921.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-004D	2083020.4	748921.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-005A	2083053.7	748908.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-005A	2083053.7	748908.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-005A	2083053.7	748908.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-005B	2083053.7	748908.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-005B	2083053.7	748908.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-005B	2083053.7	748908.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-005C	2083053.7	748908.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-005C	2083053.7	748908.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-005D	2083053.7	748908.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-005D	2083053.7	748908.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-006A	2082958.6	748913.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-006A	2082958.6	748913.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-006A	2082958.6	748913.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-006B	2082958.6	748913.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-006B	2082958.6	748913.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-006B	2082958.6	748913.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-006C	2082958.6	748913.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-006C	2082958.6	748913.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-006D	2082958.6	748913.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-006D	2082958.6	748913.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-007A	2082991.9	748899.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-007A	2082991.9	748899.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-007A	2082991.9	748899.8	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-007B	2082991.9	748899.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-007B	2082991.9	748899.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-007B	2082991.9	748899.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-007C	2082991.9	748899.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-007C	2082991.9	748899.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-007D	2082991.9	748899.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-007D	2082991.9	748899.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-008A	2083025.2	748886.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-008A	2083025.2	748886.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-008A	2083025.2	748886.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-008B	2083025.2	748886.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-008B	2083025.2	748886.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-008B	2083025.2	748886.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-008C	2083025.2	748886.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-008C	2083025.2	748886.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-008D	2083025.2	748886.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-008D	2083025.2	748886.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-009A	2083058.5	748872.5	Surface Soil	0' - 0.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-009A	2083058.5	748872.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-009A	2083058.5	748872.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-009B	2083058.5	748872.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-009B	2083058.5	748872.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-009B	2083058.5	748872.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-009C	2083058.5	748872.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-009C	2083058.5	748872.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-009D	2083058.5	748872.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-009D	2083058.5	748872.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-010A	2082963.4	748877.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-010A	2082963.4	748877.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-010A	2082963.4	748877.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-010B	2082963.4	748877.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-010B	2082963.4	748877.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-010B	2082963.4	748877.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-010C	2082963.4	748877.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-010C	2082963.4	748877.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-010D	2082963.4	748877.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-010D	2082963.4	748877.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-011A	2082996.7	748864.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-011A	2082996.7	748864.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-011A	2082996.7	748864.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-011B	2082996.7	748864.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-011B	2082996.7	748864.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-011B	2082996.7	748864.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-011C	2082996.7	748864.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-011C	2082996.7	748864.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-011D	2082996.7	748864.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-011D	2082996.7	748864.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-012A	2083030.0	748850.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-012A	2083030.0	748850.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-012A	2083030.0	748850.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-012B	2083030.0	748850.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-012B	2083030.0	748850.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-012B	2083030.0	748850.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-012C	2083030.0	748850.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-012C	2083030.0	748850.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-012D	2083030.0	748850.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-012D	2083030.0	748850.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-013A	2083063.3	748836.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-013A	2083063.3	748836.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-013A	2083063.3	748836.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-013B	2083063.3	748836.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-013B	2083063.3	748836.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-013B	2083063.3	748836.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-013C	2083063.3	748836.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-013C	2083063.3	748836.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-013D	2083063.3	748836.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-013D	2083063.3	748836.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-014A	2082968.2	748842.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-014A	2082968.2	748842.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-014A	2082968.2	748842.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-014B	2082968.2	748842.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-014B	2082968.2	748842.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-014B	2082968.2	748842.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-014C	2082968.2	748842.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-014C	2082968.2	748842.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-014D	2082968.2	748842.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-014D	2082968.2	748842.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-015A	2083001.5	748828.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-015A	2083001.5	748828.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-015A	2083001.5	748828.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-015B	2083001.5	748828.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-015B	2083001.5	748828.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-015B	2083001.5	748828.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-015C	2083001.5	748828.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-015C	2083001.5	748828.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-015D	2083001.5	748828.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-015D	2083001.5	748828.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-016A	2083034.8	748814.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-016A	2083034.8	748814.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-016A	2083034.8	748814.8	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-016B	2083034.8	748814.8	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB37-016B	2083034.8	748814.8	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB37-016B	2083034.8	748814.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-016C	2083034.8	748814.8	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB37-016C	2083034.8	748814.8	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB37-016D	2083034.8	748814.8	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB37-016D	2083034.8	748814.8	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB37-017A	2082939.7	748820.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-017A	2082939.7	748820.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-017A	2082939.7	748820.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-017B	2082939.7	748820.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-018A	2082973.0	748806.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-018A	2082973.0	748806.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-018A	2082973.0	748806.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-018B	2082973.0	748806.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-019A	2083006.3	748792.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-019A	2083006.3	748792.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-019A	2083006.3	748792.8	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB37-019B	2083006.3	748792.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-020A	2083039.6	748779.1	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-020A	2083039.6	748779.1	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-020A	2083039.6	748779.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-020B	2083039.6	748779.1	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-021A	2082944.5	748784.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-021A	2082944.5	748784.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-021A	2082944.5	748784.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-021B	2082944.5	748784.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-022A	2082977.8	748770.8	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB37-022A	2082977.8	748770.8	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB37-022A	2082977.8	748770.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB37-022B	2082977.8	748770.8	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-003A	2083044.1	748979.5	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB38-003A	2083044.1	748979.5	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB38-003A	2083044.1	748979.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-003B	2083044.1	748979.5	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB38-003B	2083044.1	748979.5	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB38-003B	2083044.1	748979.5	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-003C	2083044.1	748979.5	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB38-003C	2083044.1	748979.5	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB38-003D	2083044.1	748979.5	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB38-003D	2083044.1	748979.5	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB38-004A	2082949.0	748984.9	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB38-004A	2082949.0	748984.9	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB38-004A	2082949.0	748984.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-004B	2082949.0	748984.9	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB38-004B	2082949.0	748984.9	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB38-004B	2082949.0	748984.9	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-004C	2082949.0	748984.9	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB38-004C	2082949.0	748984.9	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB38-004D	2082949.0	748984.9	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB38-004D	2082949.0	748984.9	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec
		CB38-005A	2082982.3	748971.2	Surface Soil	0' - 0.5'	Metals	6200	6010
		CB38-005A	2082982.3	748971.2	Surface Soil	0' - 0.5'	Radionuclides	HPGE	Alpha Spec
		CB38-005A	2082982.3	748971.2	Surface Soil	0' - 0.5'	VOCs	8260	8260

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Laboratory Method	Offsite Laboratory Method
		CB38-005B	2082982.3	748971.2	Subsurface Soil	0.5' - 2.5'	Metals	6200	6010
		CB38-005B	2082982.3	748971.2	Subsurface Soil	0.5' - 2.5'	Radionuclides	HPGE	Alpha Spec
		CB38-005B	2082982.3	748971.2	Surface Soil	0' - 0.5'	VOCs	8260	8260
		CB38-005C	2082982.3	748971.2	Subsurface Soil	2.5' - 4.5'	Metals	6200	6010
		CB38-005C	2082982.3	748971.2	Subsurface Soil	2.5' - 4.5'	Radionuclides	HPGE	Alpha Spec
		CB38-005D	2082982.3	748971.2	Subsurface Soil	4.5' - 6.5'	Metals	6200	6010
		CB38-005D	2082982.3	748971.2	Subsurface Soil	4.5' - 6.5'	Radionuclides	HPGE	Alpha Spec

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DOE, 2001, Industrial Area Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 2003, Closeout Report for IHSS Group 600-1, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

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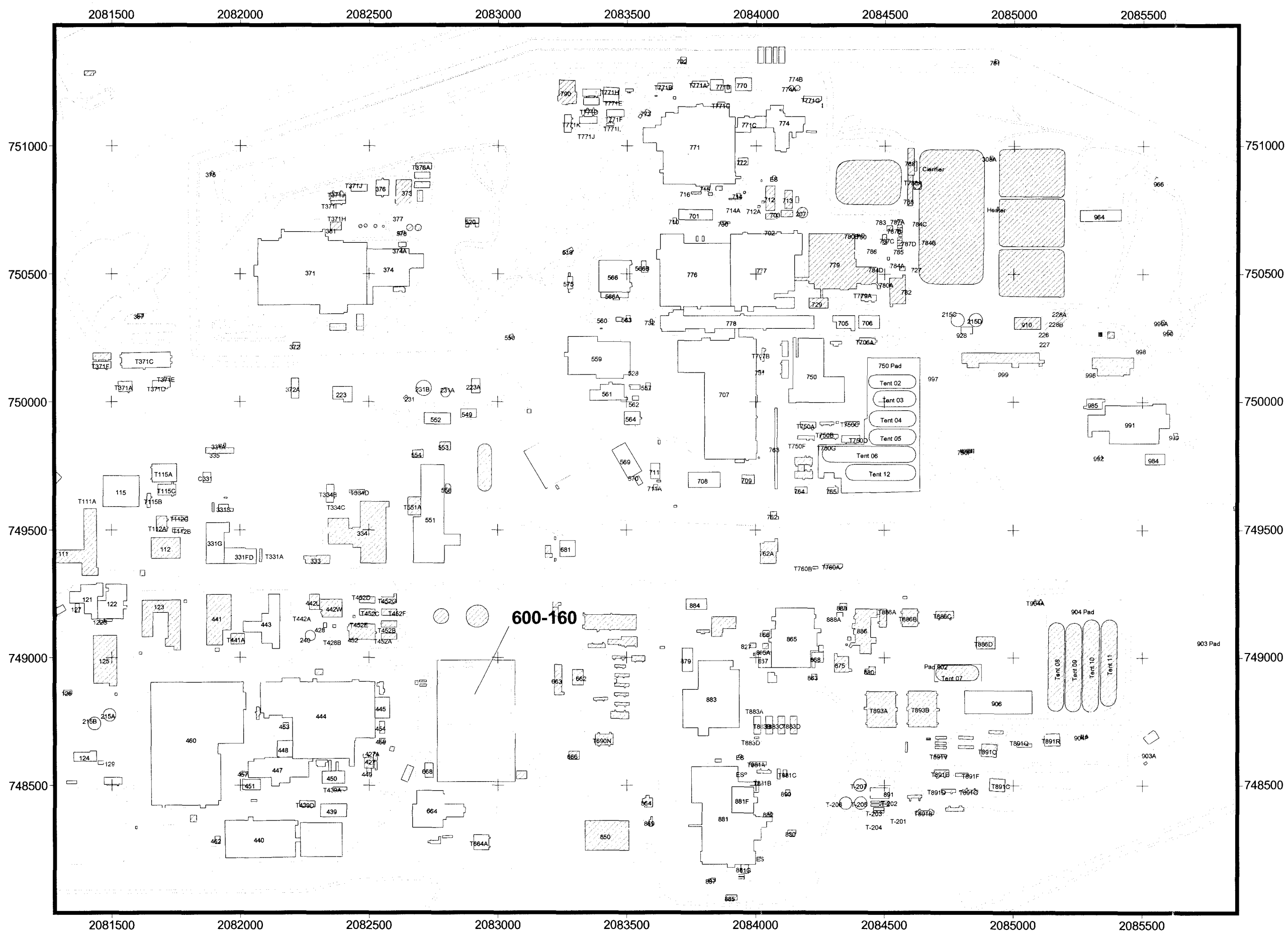
Figure 1

IHSS Group 600-4
Location Map



Key

- Paved area
- Dirt road
- Fence
- Stream, ditch, or other drainage
- Building
- Demolished structure
- IHSS

N
W E
S

90 0 90 180 Feet

Scale = 1:4,500

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by:

RADMS

Prepared for:

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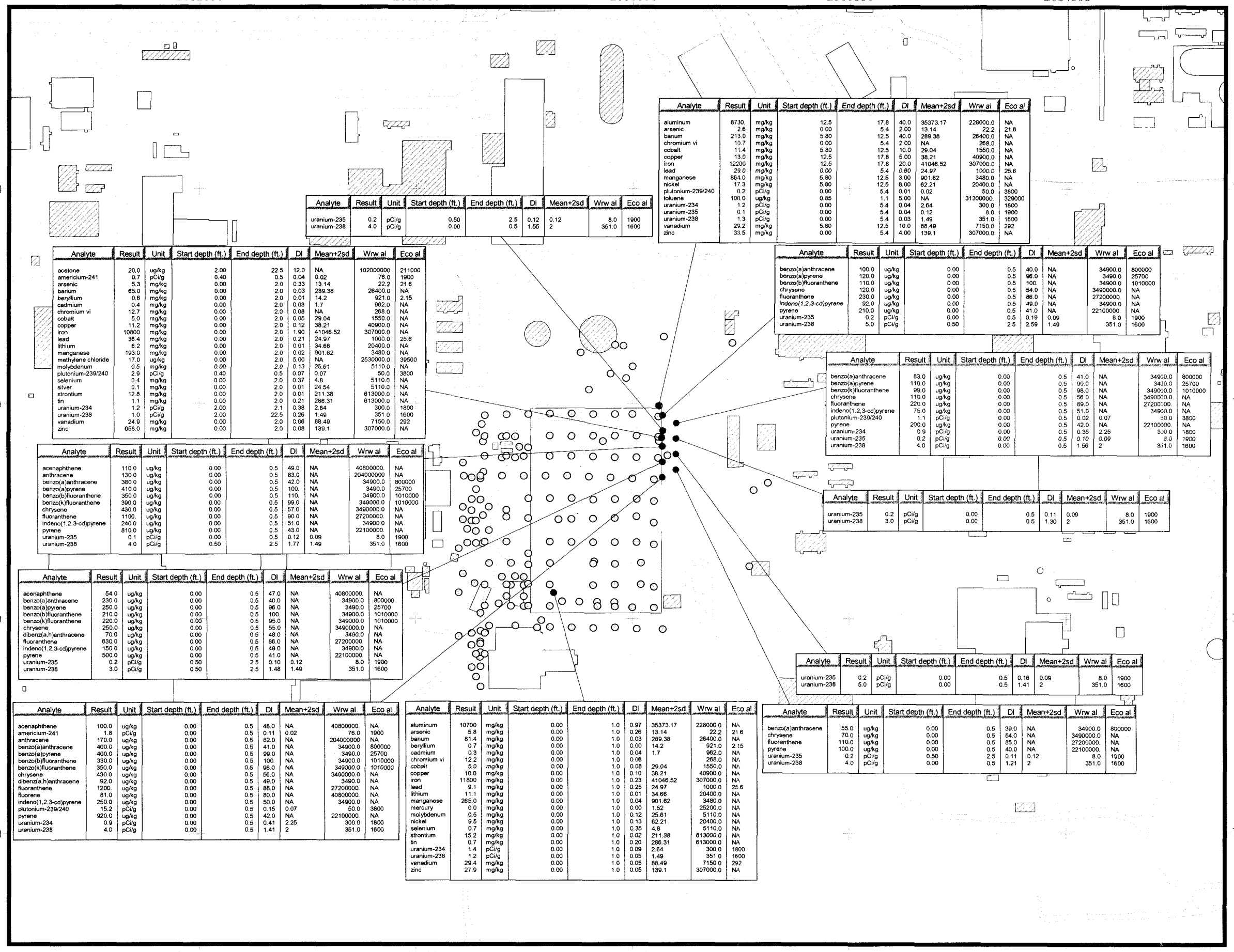
Figure 2

IHSS Group 600-4
Existing Data Greater
Than Background Means
Plus Two Standard Deviations
or Detection Limits



Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
uranium-235	0.2	pCi/g	0.50	2.5	0.12	0.12	8.0	1900
uranium-238	4.0	pCi/g	0.00	0.5	1.55	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
aluminum	8730.	mg/kg	12.5	17.8	40.0	35373.17	228000.0	NA
arsenic	2.6	mg/kg	0.00	5.4	2.00	13.14	22.2	21.6
barium	213.0	mg/kg	5.80	12.5	40.0	289.38	26400.0	NA
chromium vi	10.7	mg/kg	0.00	5.4	2.00	NA	268.0	NA
cobalt	11.4	mg/kg	5.80	12.5	10.0	29.04	1550.0	NA
copper	13.0	mg/kg	12.5	17.8	5.00	38.21	40900.0	NA
iron	12200	mg/kg	12.5	17.8	20.0	41046.52	307000.0	NA
lead	29.0	mg/kg	0.00	5.4	0.80	24.97	1000.0	25.6
manganese	864.0	mg/kg	5.80	12.5	3.00	901.62	3480.0	NA
nickel	17.3	mg/kg	5.80	12.5	8.00	62.21	20400.0	NA
plutonium-239/240	0.2	pCi/g	0.00	5.4	0.01	0.02	50.0	3800
toluene	100.0	ug/kg	0.85	1.1	5.00	NA	31300000.	329000
uranium-234	1.2	pCi/g	0.00	5.4	0.04	2.64	300.0	1800
uranium-235	0.1	pCi/g	0.00	5.4	0.04	0.12	8.0	1900
uranium-238	1.3	pCi/g	0.00	5.4	0.03	1.49	351.0	1600
vanadium	29.2	mg/kg	5.80	12.5	10.0	88.49	7150.0	292
zinc	33.5	mg/kg	0.00	5.4	4.00	139.1	307000.0	NA

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
acetone	20.0	ug/kg	2.00	22.5	12.0	NA	102000000	211000
americium-241	0.7	pCi/g	0.40	0.5	0.04	0.02	76.0	1900
arsenic	5.3	mg/kg	0.00	2.0	0.33	13.14	22.2	21.6
barium	65.0	mg/kg	0.00	2.0	0.03	289.38	26400.0	NA
beryllium	0.6	mg/kg	0.00	2.0	0.01	14.2	921.0	2.15
cadmium	0.4	mg/kg	0.00	2.0	0.03	1.7	962.0	NA
chromium vi	12.7	mg/kg	0.00	2.0	0.08	NA	268.0	NA
cobalt	5.0	mg/kg	0.00	2.0	0.05	29.04	1550.0	NA
copper	11.2	mg/kg	0.00	2.0	0.12	38.21	40900.0	NA
iron	10800	mg/kg	0.00	2.0	1.90	41046.52	307000.0	NA
lead	36.4	mg/kg	0.00	2.0	0.21	24.97	1000.0	25.6
lithium	6.2	mg/kg	0.00	2.0	0.01	34.66	20400.0	NA
manganese	193.0	mg/kg	0.00	2.0	0.02	901.62	3480.0	NA
methylene chloride	17.0	ug/kg	0.00	2.0	5.00	NA	25300000.0	39500
molybdenum	0.5	mg/kg	0.00	2.0	0.13	25.61	5110.0	NA
plutonium-239/240	2.9	pCi/g	0.40	0.5	0.07	0.07	50.0	3800
selenium	0.4	mg/kg	0.00	2.0	0.37	4.8	5110.0	NA
silver	0.1	mg/kg	0.00	2.0	0.01	24.54	5110.0	NA
strontium	12.8	mg/kg	0.00	2.0	0.01	211.38	613000.0	NA
tin	1.1	mg/kg	0.00	2.0	0.21	286.31	613000.0	NA
uranium-234	1.2	pCi/g	2.00	2.1	0.38	2.64	300.0	1800
uranium-238	1.0	pCi/g	2.00	22.5	0.26	1.49	351.0	1600
vanadium	24.9	mg/kg	0.00	2.0	0.06	88.49	7150.0	292
zinc	658.0	mg/kg	0.00	2.0	0.08	139.1	307000.0	NA

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
benzo(a)anthracene	100.0	ug/kg	0.00	0.5	40.0	NA	34900.0	800000
benzo(a)pyrene	120.0	ug/kg	0.00	0.5	96.0	NA	3490.0	25700
benzo(b)fluoranthene	110.0	ug/kg	0.00	0.5	100.	NA	34900.0	1010000
chrysene	120.0	ug/kg	0.00	0.5	54.0	NA	3490000.0	NA
fluoranthene	230.0	ug/kg	0.00	0.5	86.0	NA	27200000.	NA
indeno(1,2,3-cd)pyrene	92.0	ug/kg	0.00	0.5	49.0	NA	34900.0	NA
pyrene	210.0	ug/kg	0.00	0.5	41.0	NA	22100000.	NA
uranium-235	0.2	pCi/g	0.00	0.5	0.19	0.09	8.0	1900
uranium-238	5.0	pCi/g	0.50	2.5	2.59	1.49	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
benzo(a)anthracene	83.0	ug/kg	0.00	0.5	41.0	NA	34900.0	800000
benzo(a)pyrene	110.0	ug/kg	0.00	0.5	99.0	NA	3490.0	25700
benzo(k)fluoranthene	99.0	ug/kg	0.00	0.5	98.0	NA	349000.0	1010000
chrysene	110.0	ug/kg	0.00	0.5	56.0	NA	3490000.0	NA
fluoranthene	220.0	ug/kg	0.00	0.5	89.0	NA	27200000.	NA
indeno(1,2,3-cd)pyrene	75.0	ug/kg	0.00	0.5	51.0	NA	34900.0	NA
plutonium-239/240	1.1	pCi/g	0.00	0.5	0.02	0.07	50.0	3800
pyrene	200.0	ug/kg	0.00	0.5	42.0	NA	22100000.	NA
uranium-234	0.9	pCi/g	0.00	0.5	0.35	2.25	300.0	1800
uranium-235	0.2	pCi/g	0.00	0.5	0.10	0.09	8.0	1900
uranium-238	4.0	pCi/g	0.00	0.5	1.56	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
uranium-235	0.2	pCi/g	0.00	0.5	0.11	0.09	8.0	1900
uranium-238	3.0	pCi/g	0.00	0.5	1.30	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
acenaphthene	110.0	ug/kg	0.00	0.5	49.0	NA	40800000.	NA
anthracene	130.0	ug/kg	0.00	0.5	83.0	NA	204000000	NA
benzo(a)anthracene	380.0	ug/kg	0.00	0.5	42.0	NA	34900.0	800000
benzo(a)pyrene	410.0	ug/kg	0.00	0.5	100.	NA	3490.0	25700
benzo(b)fluoranthene	350.0	ug/kg	0.00	0.5	110.	NA	34900.0	1010000
benzo(k)fluoranthene	390.0	ug/kg	0.00	0.5	99.0	NA	349000.0	1010000
chrysene	430.0	ug/kg	0.00	0.5	57.0	NA	3490000.0	NA
fluoranthene	1100.	ug/kg	0.00	0.5	90.0	NA	27200000.	NA
indeno(1,2,3-cd)pyrene	240.0	ug/kg	0.00	0.5	51.0	NA	34900.0	NA
pyrene	810.0	ug/kg	0.00	0.5	43.0	NA	22100000.	NA
uranium-235	0.1	pCi/g	0.00	0.5	0.12	0.09	8.0	1900
uranium-238	4.0	pCi/g	0.50	2.5	1.77	1.49	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
acenaphthene	54.0	ug/kg	0.00	0.5	47.0	NA	40800000.	NA
benzo(a)anthracene	230.0	ug/kg	0.00	0.5	40.0	NA	34900.0	800000
benzo(a)pyrene	250.0	ug/kg	0.00	0.5	96.0	NA	3490.0	25700
benzo(b)fluoranthene	210.0	ug/kg	0.00	0.5	100.	NA	34900.0	1010000
benzo(k)fluoranthene	220.0	ug/kg	0.00	0.5	95.0	NA	349000.0	1010000
chrysene	250.0	ug/kg	0.00	0.5	55.0	NA	3490000.0	NA
dibenz(a,h)anthracene	70.0	ug/kg	0.00	0.5	48.0	NA	3490.0	NA
fluoranthene	630.0	ug/kg	0.00	0.5	86.0	NA	27200000.	NA
indeno(1,2,3-cd)pyrene	150.0	ug/kg	0.00	0.5	49.0	NA	34900.0	NA
pyrene	500.0	ug/kg	0.00	0.5	41.0	NA	22100000.	NA
uranium-235	0.2	pCi/g	0.50	2.5	0.10	0.12	8.0	1900
uranium-238	3.0	pCi/g	0.50	2.5	1.48	1.49	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
uranium-235	0.2	pCi/g	0.00	0.5	0.16	0.09	8.0	1900
uranium-238	5.0	pCi/g	0.00	0.5	1.41	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
benzo(a)anthracene	55.0	ug/kg	0.00	0.5	39.0	NA	34900.0	800000
chrysene	70.0	ug/kg	0.00	0.5	54.0	NA	3490000.0	NA
fluoranthene	110.0	ug/kg	0.00	0.5	85.0	NA	27200000.	NA
pyrene	100.0	ug/kg	0.00	0.5	40.0	NA	22100000.	NA
uranium-235	0.2	pCi/g	0.50	2.5	0.11	0.12	8.0	1900
uranium-238	4.0	pCi/g	0.00	0.5	1.21	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
acenaphthene	100.0	ug/kg	0.00	0.5	48.0	NA	40800000.	NA
americium-241	1.8	pCi/g	0.00	0.5	0.11	0.02	76.0	1900
anthracene	170.0	ug/kg	0.00	0.5	82.0	NA	204000000	NA
benzo(a)anthracene	400.0	ug/kg	0.00	0.5	41.0	NA	34900.0	800000
benzo(a)pyrene	400.0	ug/kg	0.00	0.5	99.0	NA	3490.0	25700
benzo(b)fluoranthene	330.0	ug/kg	0.00	0.5	100.	NA	34900.0	1010000
benzo(k)fluoranthene	350.0	ug/kg	0.00	0.5	98.0	NA	349000.0	1010000
chrysene	430.0	ug/kg	0.00	0.5	56.0	NA	3490000.0	NA
dibenz(a,h)anthracene	92.0	ug/kg	0.00	0.5	49.0	NA	3490.0	NA
fluoranthene	1200.	ug/kg	0.00	0.5	88.0	NA	27200000.	NA
fluorene	81.0	ug/kg	0.00	0.5	80.0	NA	40800000.	NA
indeno(1,2,3-cd)pyrene	250.0	ug/kg	0.00	0.5	50.0	NA	34900.0	NA
plutonium-239/240	15.2	pCi/g	0.00	0.5	0.15	0.07	50.0	3800
pyrene	920.0	ug/kg	0.00	0.5	42.0	NA	22100000.	NA
uranium-234	0.9	pCi/g	0.00	0.5	0.41	2.25	300.0	1800
uranium-238	4.0	pCi/g	0.00	0.5	1.41	2	351.0	1600

Analyte	Result	Unit	Start depth (ft.)	End depth (ft.)	DI	Mean+2sd	Wrw al	Eco al
aluminum	10700	mg/kg	0.00	1.0	0.97	35373.17	228000.0	NA
arsenic	5.8	mg/kg	0.00	1.0	0.26	13.14	22.2	21.6
barium	81.4	mg/kg	0.00	1.0	0.03	289.38	26400.0	NA
beryllium	0.7	mg/kg	0.00	1.0	0.00	14.2	921.0	2.15
cadmium	0.3	mg/kg	0.00	1.0	0.04	1.7	962.0	NA
chromium vi	12.2	mg/kg	0.00	1.0	0.06		268.0	NA
cobalt	5.0	mg/kg	0.00	1.0	0.08	29.04	1550.0	NA
copper	10.0	mg/kg	0.00	1.0	0.10	38.21	40900.0	NA
iron	11800	mg/kg	0.00	1.0	0.23	41046.52	307000.0	NA
lead	9.1	mg/kg	0.00	1.0	0.25	24.97	1000.0	25.6
lithium	11.1	mg/kg	0.00	1.0	0.01	34.66	20400.0	NA
manganese	265.0	mg/kg	0.00	1.0	0.04	901.62	3480.0	NA
mercury	0.0	mg/kg	0.00	1.0	0.00	1.52	25200.0	NA
molybdenum	0.5	mg/kg	0.00	1.0	0.12	25.61	5110.0	NA
nickel	9.5	mg/kg	0.00	1.0	0.13	62.21	20400.0	NA
selenium	0.7	mg/kg	0.00	1.0	0.35	4.8	5110.0	NA
strontium	15.2	mg/kg	0.00	1.0	0.02	211.38	613000.0	NA
tin	0.7	mg/kg	0.00	1.0	0.20	286.31	613000.0	NA
uranium-234	1.4	pCi/g	0.00	1.0	0.09	2.64	300.0	1800
uranium-238	1.2	pCi/g	0.00	1.0	0.05	1.49	351.0	1600
vanadium	29.4	mg/kg	0.00	1.0	0.05	88.49	7150.0	292
zinc	27.9	mg/kg	0.00	1.0	0.05	139.1	307000.0	NA

Key

- Paved areas
- Dirt roads
- Fences
- Streams, ditches, or other drainage
- Building
- Demolished structures
- IHSS 600-160
- ● Sampling location greater than background means plus two standard deviations
- ○ Sample location

N W E S

80 0 80 160 Feet

Scale = 1:2,750

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: RADMS

Prepared for: KAISER•HILL COMPANY

600-4characterization_03-03mar.apr March 2003

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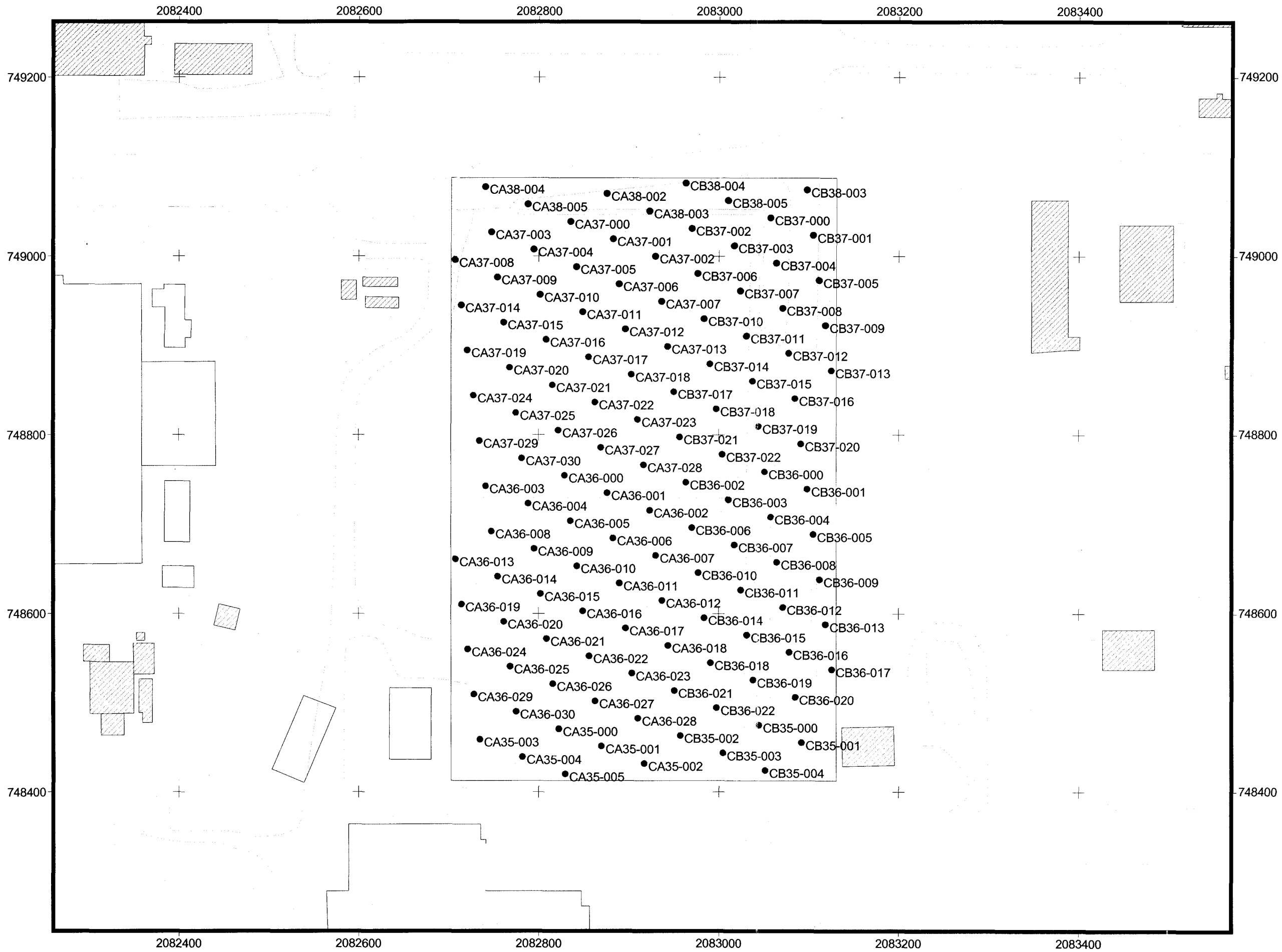
Figure 3

IHSS Group 600-4
Proposed Sampling Locations



Key

- Paved areas
- Dirt roads
- Fences
- Streams, ditches, or other drainage
- Building
- Demolished structures
- IHSS 600-160
- Sampling location

N
W E
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30 0 30 60 Feet

Scale = 1:1,284

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by:

RADMS

Prepared for:

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