APPENDIX NOT INCLUDED

Rio Algom Mining LLC

January 29, 2015

Mr. David J. (DJ) Ennis, P.G., Permit Lead
Energy, Minerals, and Natural Resources Department
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: **Soil Data Consolidation Summary for the Old Stope Leach Mine, McKinley County, New Mexico, Permit Number MK009RE**

Dear Mr. Ennis:

The attached summary report describes all available surface characterization data pertaining to the Old Stope Leach Mine project. This data consolidation facilitated the identification of areas where ground-based gamma surveys are necessary to further characterize areas of potential mining impact, and plan for additional reclamation activities if necessary. RAML looks forward to coordinating with MMD and NMED to develop an appropriate path forward.

An electronic copy of this report is included, along with available reference documents and data, on the accompanying disc. If you have any questions or need additional information, please call me or Theresa Ballaine at (209)736-4803.

Sincerely,

Anthony Baus
Site Manager

Attachment: As stated
cc: David Mayerson, NMED Mining Environmental Compliance Section
T. Ballaine
D. Murray

9635690

P.O. Box 218, Grants, NM USA 87020 - Tel: 505.287.8851 - Fax: 505.285.5550

SOIL SURVEY DATA CONSOLIDATION SUMMARY, OLD STOPE LEACH PERMIT

Ambrosia Lake Facility, McKinley County, New Mexico

Prepared for:

Rio Algom Mining LLC
P.O. Box 218
Grants, New Mexico 87020

Prepared by:

INTERA
GEOSCIENCE & ENGINEERING SOLUTIONS

6000 Uptown Boulevard NE, Suite 220
Albuquerque, New Mexico 87110

January 30, 2015

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Appendix A RAML Soil Survey Data and Reports (DVD)

ACRONYMS AND ABBREVIATIONS

30W	30 West
EPA	U.S. Environmental Protection Agency
ERG	Environmental Restoration Group, Inc.
INTERA	INTERA Incorporated
MMD	Mining and Minerals Division of the New Mexico Energy, Minerals, and Natural Resources Department
NMED	New Mexico Environment Department
RAML	Rio Algom Mining LLC

1.0 INTRODUCTION

In a letter to Rio Algom Mining LLC (RAML) dated October 16, 2014, the Mining and Minerals Division (MMD) of the New Mexico Energy, Minerals, and Natural Resources Department required additional reclamation of the Old Stope Leach Permit (Number MK009RE) area of the Ambrosia Lake facility. The mines identified for additional reclamation were Section 17, Section 22, Section 24, Section 30, Section 30 West (30W), Section 33, and Section 35.

Surface reclamation activities at the RAML mines were executed in accordance with the close-out plans approved by the MMD between 1989 and 2004, and covered the following locations: Sections 17, 19, 30, 30W, 33, 35, and 36 (Township 14 North, Range 9 West), and Sections 22 and 24 (Township 14 North, Range 10 West). Clean-up levels were chosen by RAML, as regulatory compliance levels were not established for mine locations at the time of reclamation. MMD released Section 36 and Section 19 from further obligation under the New Mexico Mining Act on September 29, 1995, and October 17, 2000, respectively. In March 2014, the MMD and the New Mexico Environment Department (NMED) developed the "Joint Guidance for the Cleanup and Reclamation of Existing Uranium Mining Operations in New Mexico" in accordance with the New Mexico Administrative Code.

The October 16, 2014, letter references (1) this recently developed guidance document, (2) an Aerial Radiological Survey of the Ambrosia Lake Uranium Mines performed by the U.S. Environmental Protection Agency (EPA) in August of 2011, and (3) an MMD site inspection performed in 2012. RAML responded to the October 16, 2014, letter proposing to consolidate all available data for the mine sites into a data summary report. In a letter dated November 26, 2014, MMD agreed to this data summary report as an interim action toward a characterization work plan. MMD indicated in their November 2014 letter that the report should include available information on the Section 19 mine as well as the mines identified in their October 2014 letter.

INTERA Incorporated (INTERA) performed a document search to identify available soils data for the mines listed above. Data sources identified include gamma surveys, surface soil samples, soil samples collected at depth, and historical data collected by RAML during reclamation. All documents identified in this search are included on the disc that accompanies this report (**Appendix A**). A soil survey inventory of data identified is included as **Table 1**, and a list of soils data is included in **Table 2**. **Table 1** includes the source and type of data, date recorded, and format of data. **Figure 1** shows the EPA aerial survey results with the mine sections identified in MMD's October 2014 letter outlined in red. Areas where data exist are identified on the figure with an explanation in the legend that ties back to the soil inventory table.

2.0 DATA SUMMARY

The identified soils data include many types of data in varying formats. Historical reports in hard copy format may not be adequate for characterizing current conditions. Gamma surveys and soil sampling performed at the Site as part of the Soil Decommissioning Plan were collected for purposes of risk characterization, and will need additional evaluation to determine if they can be used for reclamation characterization. The Soil Decommissioning Plan provides a thorough discussion and analysis of soil background conditions for the Ambrosia Lake facility. More recent gamma surveys performed by Environmental Restoration Group, Inc. (ERG), include confirmation surface soil sampling for calibration and soil samples collected at depth from test pits. ERG data are available electronically and are a reliable source of information that may be used to characterize current conditions and plan future activities.

EPA performed an Aerial Radiological Survey of the Ambrosia Lake uranium mining district in 2011. Results of the survey are presented in the *Aerial Radiological Surveys, Ambrosia Lake Uranium Mines, Ambrosia, NM* ASPECT aerial gamma radiation survey data report (EPA, 2011). The survey shows areas of elevated gamma readings (greater than 20 microroentgens per hour) in the region, and includes RAML-owned lands and mines operated by other entities. RAML makes no representations regarding the accuracy, precision, or limits defined in the ASPECT report, but includes the ASPECT report and data for completeness.

The following paragraphs summarize available data for each Section requiring further characterization and reclamation per the MMD letters. These data are listed in more detail in **Appendix A** and are presented on **Figure 1**.

Sections 22, 24 (T14N, R10W), Sections 17, 19, 33 (T14N, R9W):

RAML performed historical ground-based gamma surveys of these Sections the time of the mine closure work in accordance with the MMD-approved mine close-out plans. Additional ground-based gamma surveys are necessary to further characterize areas with potentially elevated gamma readings.

Section 35, 36 (T14N, R9W) and Sections 2, 3, and 4 (T13N, R9W):

The impacts from mining activities at Sections 35 and 36 have been well-characterized. In addition to historical mine-closure surveys, recent surface reclamation activities and surface characterization have been performed in these Sections. Ground-based gamma surveys included surface soil samples used to correlate the gamma survey, and in 2005 and 2007, a subcontractor collected soil samples from test pits at depths of up to 48 inches. **Figure 1** shows the boundary of the gamma survey and the soil sample locations associated with this characterization effort. This

characterization effort included Sections 2, 3, and 4, and identified approximately 2,000 acres associated with the Section 35 and 36 mine de-watering activities, with approximately 600 acres with elevated soil readings that would be subject to removal based on the industry standard "5/15 rule" and the Joint Guidance. No further characterization is necessary in these sections.

Section 30 (T14N, R9W):

Section 30 contains Section 30 and Section 30W mines. Two distinct areas of elevated gamma readings are visible within Section 30 on **Figure 1**. EPA performed a surface gamma survey in February 2013 of the Section 30 mine area. The gamma survey boundary and soil sampling locations are shown on **Figure 1**. Soil sampling associated with the Soil Decommissioning Plan (**Appendix A**) was performed in Section 30. Further evaluation of the Komex data is necessary to determine its adequacy for surface soil characterization. An additional ground-based gamma survey for the Section 30W mine area will likely be necessary for complete characterization associated with further reclamation activities.

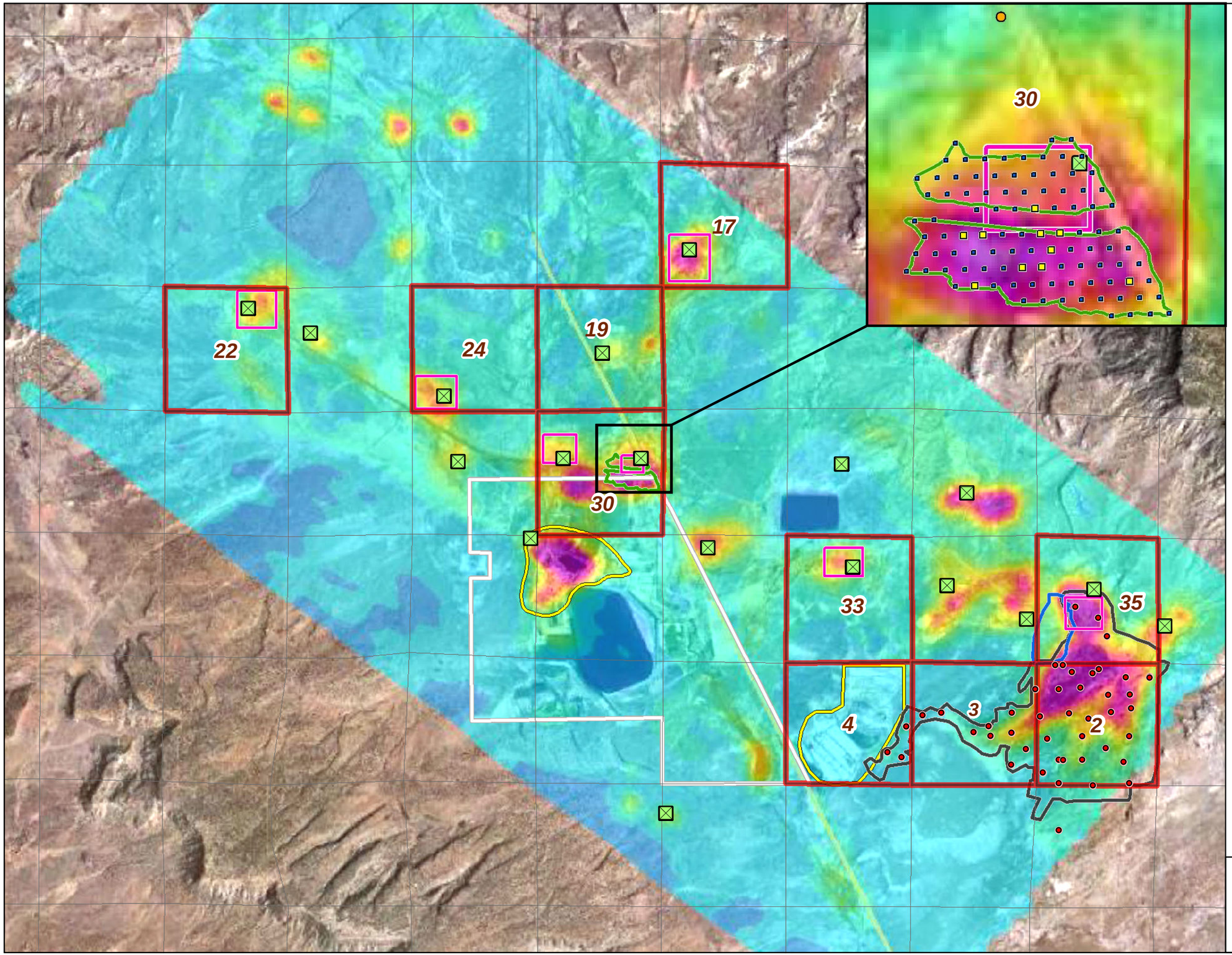
3.0 CONCLUSIONS

Before a reclamation work plan can be developed, additional ground-based gamma surveys are necessary for Sections 22, 24, 19, 17, 33, and Section 30W mines to obtain a current and comprehensive characterization of potential mining impacts to these areas. Sufficient ground-based gamma survey data exist for Sections 35, 2, 3, 4, and 30 to fully characterize surface conditions and proceed with planned reclamation activities to address impacts in these areas. As expressed in prior communications, RAML would like to coordinate with NMED and MMD regarding the appropriate reclamation plan and strategy.

4.0 REFERENCES

U.S. Environmental Protection Agency (EPA), 2011. *Aerial Radiological Surveys, Ambrosia Lake Uranium Mines, Ambrosia, NM.* Office of Emergency Management, National Decontamination Team, Erlanger, Kentucky.

FIGURE



INTERA

N

4,000 2,000 0 4,000
Feet

Legend

- Mine Shaft
- Identified Sections
- LTSM Boundary
- Historical Mine Reclamation Survey
- 2014-15 Mill Related Soil Reclamation Area
- 2005 ERG Soil Sample Location
- 2005 ERG Survey Boundary
- 2007 ERG Survey Boundary

2013 EPA Sample Locations

- Soil Sample Location (10)
- Remaining Location (90)
- Background Location (1)
- 2013 EPA Survey Boundary

2011 EPA Aerial Survey

Parameter Total Counts (cps)

< 5500.0	27500. : 33000.
5500.0 : 11000.	33000. : 38500.
11000. : 16500.	38500. : 44000.
16500. : 22000.	44000. : 49500.
22000. : 27500.	> 49500.

Figure 1
Soil Survey (1979 - 2013)
Rio Algom

FILE: S:\Projects\RIO\Graphics\GIS\MapDocs\RIO_SoilSurvey_Rev03.mxd 1/29/2015

TABLES

	Data Collection	Data Type	Date	Data Source	Data Format
Section 17	Consolidated surface area survey post reclamation	microrem per hour (mR/hr)	August 1992	Quivera Section 17 Reclamation Report	Hard copy, hand-drawn general areas
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
Section 22 Mine	Consolidated surface area survey post reclamation	microrem per hour (mR/hr)	October 1992	Quivera Section 22 Reclamation Report	Hard copy, hand-drawn general areas
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
Section 24 Mine	Soil samples pre-use of borrow	Radium 226 picocuries per gram (pCi/g)	May 1993	Quivera Section 24 Mine Reclamation Borrow Areas	Hard copy, hand-drawn general areas
	Consolidated surface area survey	microrem per hour (mR/hr)	1994		
	Gamma survey	P_cig?	2012	RAML Section 24 Survey	Hard copy, digital data available?
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
Section 30 Mine	Soil samples pre-use of borrow	Radium 226 picocuries per gram (pCi/g)	1993	Quivera Section 30 Mine Reclamation Borrow Areas	Hard copy, hand-drawn general areas
	Consolidated surface area survey	microrem per hour (mR/hr)	1994		
	Gamma survey and soil samples (Background)	Gamma survey (cpm) Radium, Thorium (pCi/g)	2004	Komex Soil Decommissioning Plan	Hard copy
	Gamma survey	P_cig?	2012	RAML Section 30 Shaft Area Survey	Hard copy, digital data available?
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
	EPA gamma walk-over survey and soil samples	Gamma survey (cpm), Radium-226 (pCi/g), Uranium	February 2013	EPA Documented Release Report	Hard copy
Section 30 West Mine	Soil samples pre-use of borrow	Radium 226 picocuries per gram (pCi/g)	1993	Quivera Section 30W Mine Reclamation Borrow Areas	Hard copy, hand-drawn general areas
	Consolidated surface area survey	microrem per hour (mR/hr)	1994		
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
Section 33 Mine	Surface area survey?	not labeled	1992	not labeled (Section 33-1992.pdf)	Hard copy
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
Section 35 Mine	Surface gamma survey (old sandfill pond)	not labeled	1979	Kerr-McGee Section 35 Gamma Survey	Hard copy, hand-drawn general areas
	Soil samples pre-use of borrow	Radium 226 picocuries per gram (pCi/g)	1993	Quivera Section 35 Mine Reclamation Borrow Areas	Hard copy, hand-drawn general areas
	Consolidated surface area survey	microrem per hour (mR/hr)	1994		
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
	ERG Walk-over survey	Gamma counts per minute (cpm)	2005 and 2007	Characterization Report for the Section 35 and 36 Mine Drainage, 2005	Digital shapefiles
	ERG Soil samples	1-min integrated counts using shielded Geiger-Mueller (cpr	2005		Hard copy
Section 2	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
	ERG Walk-over survey	Gamma counts per minute (cpm)	2005 and 2007	Characterization Report for the Section 35 and 36 Mine Drainage, 2005	Digital shapefiles
	ERG Soil samples	1-min integrated counts using shielded Geiger-Mueller (cpr	2005		Hard copy
Section 3	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
	ERG Walk-over survey	Gamma counts per minute (cpm)	2005 and 2007	Characterization Report for the Section 35 and 36 Mine Drainage, 2005	Digital shapefiles
	ERG Soil samples	1-min integrated counts using shielded Geiger-Mueller (cpr	2005		Hard copy

Rio Algom Inventory of Soil Survey Data

	Data Collection	Data Type	Date	Data Source	Data Format
Section 4	Gamma survey and soil samples	Gamma survey (cpm) Radium, Thorium (pCi/g)	2004	Komex Soil Decommissioning Plan	Hard copy
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy
	ERG Walk-over survey	Gamma counts per minute (cpm)	2005 and 2007	Characterization Report for the Section 35 and 36 Mine Drainage, 2005	Digital shapefiles
	ERG Soil samples	1-min integrated counts using shielded Geiger-Mueller (cpr	2005		Hard copy
Section 19 Mine	Gamma survey and soil samples (Background)	Gamma survey (cpm) Radium, Thorium (pCi/g)	2004	Komex Soil Decommissioning Plan	Hard copy
	EPA Aerial survey	Total count rate (counts per second (cps))	August 2011	Aerial Radiological Surveys Ambrosia Lake Uranium Mines, EPA	Digital raster of cps image
		Exposure rate (microRoentgen per hour (μR/hr))			Hard copy

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	1	Gamma count-soil concentration data	062705-G	May-June, 2005	Surface	Gamma Count	60254	cpm									
2	2	Gamma count-soil concentration data	062705-A	May-June, 2005	Surface	Gamma Count	75277	cpm									
2	3	Gamma count-soil concentration data	062705-Q	May-June, 2005	Surface	Gamma Count	16519	cpm									
3	4	Gamma count-soil concentration data	063005-S	May-June, 2005	Surface	Gamma Count	48513	cpm									
2	5	Gamma count-soil concentration data	062705-I	May-June, 2005	Surface	Gamma Count	155518	cpm									
2	7	Gamma count-soil concentration data	062805-LL	May-June, 2005	Surface	Gamma Count	49980	cpm									
3	8	Gamma count-soil concentration data	063005-V	May-June, 2005	Surface	Gamma Count	206865	cpm									
2	9	Gamma count-soil concentration data	062805-PP	May-June, 2005	Surface	Gamma Count	59215	cpm									
4	10	Gamma count-soil concentration data	063005-B	May-June, 2005	Surface	Gamma Count	40136	cpm									
3	11	Gamma count-soil concentration data	063005-F	May-June, 2005	Surface	Gamma Count	19013	cpm									
3	12	Gamma count-soil concentration data	063005-J	May-June, 2005	Surface	Gamma Count	45000	cpm									
11	13	Gamma count-soil concentration data	070105-A	May-June, 2005	Surface	Gamma Count	36394	cpm									
3	14	Gamma count-soil concentration data	063005-O	May-June, 2005	Surface	Gamma Count	62766	cpm									
2	18	Gamma count-soil concentration data	062705-V	May-June, 2005	Surface	Gamma Count	35265	cpm									
2	19	Gamma count-soil concentration data	062705-E	May-June, 2005	Surface	Gamma Count	36255	cpm									
2	20	Gamma count-soil concentration data	062805-W	May-June, 2005	Surface	Gamma Count	51831	cpm									
2	21	Gamma count-soil concentration data	062805-A	May-June, 2005	Surface	Gamma Count	999999	cpm									
2	23	Gamma count-soil concentration data	062905-H	May-June, 2005	Surface	Gamma Count	13689	cpm									
2	24	Gamma count-soil concentration data	062905-G	May-June, 2005	Surface	Gamma Count	11122	cpm									
2	25	Gamma count-soil concentration data	062805-R	May-June, 2005	Surface	Gamma Count	564020	cpm									
2	26	Gamma count-soil concentration data	062805-FF	May-June, 2005	Surface	Gamma Count	18858	cpm									
3	27	Gamma count-soil concentration data	063005-AA	May-June, 2005	Surface	Gamma Count	16104	cpm									
3	28	Gamma count-soil concentration data	063005-H	May-June, 2005	Surface	Gamma Count	14695	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	29	Gamma count-soil concentration data	062705-M	May-June, 2005	Surface	Gamma Count	37192	cpm									
2	30	Gamma count-soil concentration data	062905-A	May-June, 2005	Surface	Gamma Count	111263	cpm									
3	31	Gamma count-soil concentration data	063005-N	May-June, 2005	Surface	Gamma Count	16520	cpm									
2	32	Gamma count-soil concentration data	062705-CC	May-June, 2005	Surface	Gamma Count	56483	cpm									
2	33	Gamma count-soil concentration data	062905-F	May-June, 2005	Surface	Gamma Count	12712	cpm									
4	34	Gamma count-soil concentration data	062905-U	May-June, 2005	Surface	Gamma Count	26087	cpm									
11	35	Gamma count-soil concentration data	062705-AA	May-June, 2005	Surface	Gamma Count	16150	cpm									
11	36	Gamma count-soil concentration data	070105-B	May-June, 2005	Surface	Gamma Count	21940	cpm									
3	37	Gamma count-soil concentration data	063005-R	May-June, 2005	Surface	Gamma Count	21357	cpm									
11	38	Gamma count-soil concentration data	070105-C	May-June, 2005	Surface	Gamma Count	26038	cpm									
4	39	Gamma count-soil concentration data	063005-A	May-June, 2005	Surface	Gamma Count	17803	cpm									
35	40	Gamma count-soil concentration data	062905-I	May-June, 2005	Surface	Gamma Count	327196	cpm									
35	41	Gamma count-soil concentration data	062905-T	May-June, 2005	Surface	Gamma Count	22493	cpm									
35	42	Gamma count-soil concentration data	062905-R	May-June, 2005	Surface	Gamma Count	570630	cpm									
2	43	Gamma count-soil concentration data	062805-EE	May-June, 2005	Surface	Gamma Count	39380	cpm									
2	44	Gamma count-soil concentration data	062905-E	May-June, 2005	Surface	Gamma Count	13480	cpm									
2	45	Gamma count-soil concentration data	T1-1A	May-June, 2005	Surface	Gamma Count	104364	cpm									
2	Test Pit No. 1	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-F	7/11/2005	0-6 in	M reading (Geiger-Mueller)	167	cpm	Radium-226 ±2σ error	11.1±0.642	pCi/g	Uranium-238 ±2σ error	4.49±6.14	pCi/g			
2	Test Pit No. 1	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-G	6/27/2005	6-12 in	Shielded G-M reading	189	cpm	Radium-226 ±2σ error	28.9±2.84	pCi/g	Uranium-238 ±2σ error	4.27±2.36	pCi/g			
2	Test Pit No. 1	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium		6/27/2005	18-24 in	Shielded G-M reading	234	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 1	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-H	6/27/2005	24-30 in	Shielded G-M reading	167	cpm	Radium-226 ±2σ error	9.13±0.483	pCi/g	Uranium-238 ±2σ error	8.11±4.03	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 1	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium		6/27/2005	36-42 in	Shielded G-M reading	87	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 2	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-A	6/27/2005	0-6 in	Shielded G-M reading	135	cpm	Radium-226 ±2σ error	23.7±2.15	pCi/g	Uranium-238 ±2σ error	5.43±6.05	pCi/g			
2	Test Pit No. 2	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-B	6/27/2005	12-18 in	Shielded G-M reading	99	cpm	Radium-226 ±2σ error	1.41±0.350	pCi/g	Uranium-238 ±2σ error	2.77±2.10	pCi/g			
2	Test Pit No. 3	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-Q	6/27/2005	0-6 in	Shielded G-M reading	67	cpm	Radium-226 ±2σ error	0.926±0.217	pCi/g	Uranium-238 ±2σ error	0.759±1.93	pCi/g			
2	Test Pit No. 3	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-R	6/27/2005	6-12 in	Shielded G-M reading	63	cpm	Radium-226 ±2σ error	0.766±0.232	pCi/g	Uranium-238 ±2σ error	1.54±2.19	pCi/g			
2	Test Pit No. 3	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-S	6/27/2005	12-18 in	Shielded G-M reading	64	cpm	Radium-226 ±2σ error	0.733±0.209	pCi/g	Uranium-238 ±2σ error	0.971±1.40	pCi/g			
2	Test Pit No. 3	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-T	6/27/2005	18-24 in	Shielded G-M reading	79	cpm	Radium-226 ±2σ error	0.680±0.211	pCi/g	Uranium-238 ±2σ error	1.56±2.19	pCi/g			
3	Test Pit No. 4	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-S	6/30/2005	0-6 in	Shielded G-M reading	127	cpm	Radium-226 ±2σ error	19.4±1.80	pCi/g	Uranium-238 ±2σ error	8.12±6.78	pCi/g			
3	Test Pit No. 4	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-T	6/30/2005	6-12 in	Shielded G-M reading	109	cpm	Radium-226 ±2σ error	8.71±0.936	pCi/g	Uranium-238 ±2σ error	26.1±5.54	pCi/g			
3	Test Pit No. 4	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-U	6/30/2005	12-18 in	Shielded G-M reading	82	cpm	Radium-226 ±2σ error	1.02±0.252	pCi/g	Uranium-238 ±2σ error	5.78±3.84	pCi/g			
3	Test Pit No. 4	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	66	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-I	6/27/2005	0-6 in	Shielded G-M reading	389	cpm	Radium-226 ±2σ error	80.8±7.09	pCi/g	Uranium-238 ±2σ error	13.7±17.2	pCi/g			
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-J	6/27/2005	6-12 in	Shielded G-M reading	NT	cpm	Radium-226 ±2σ error	13.8±1.35	pCi/g	Uranium-238 ±2σ error	15.6±8.06	pCi/g			
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-K	6/27/2005	12-18 in	Shielded G-M reading	179	cpm	Radium-226 ±2σ error	1.23±0.249	pCi/g	Uranium-238 ±2σ error	5.55±3.47	pCi/g			
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-L	6/27/2005	18-24 in	Shielded G-M reading	102	cpm	Radium-226 ±2σ error	0.987±0.257	pCi/g	Uranium-238 ±2σ error	8.52±2.40	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/27/2005	30-36 in	Shielded G-M reading	98	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 5	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/27/2005	42-48 in	Shielded G-M reading	93	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-L	6/28/2005	0-6 in	Shielded G-M reading	1046	cpm	Radium-226 ±2σ error	45.7±1.27	pCi/g	Uranium-238 ±2σ error	18.4±7.94	pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-M	6/28/2005	6-12 in	Shielded G-M reading	348	cpm	Radium-226 ±2σ error	4.88±0.670	pCi/g	Uranium-238 ±2σ error	14.3±3.77	pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-N	6/28/2005	12-18 in	Shielded G-M reading	216	cpm	Radium-226 ±2σ error	2.42±0.398	pCi/g	Uranium-238 ±2σ error	7.74±2.68	pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-O	6/28/2005	18-24 in	Shielded G-M reading	369	cpm	Radium-226 ±2σ error	2.55±0.497	pCi/g	Uranium-238 ±2σ error	8.23±2.93	pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-P	6/28/2005	24-30 in	Shielded G-M reading	338	cpm	Radium-226 ±2σ error	1.25±0.251	pCi/g	Uranium-238 ±2σ error	11.9±5.24	pCi/g			
2	Test Pit No. 6	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-Q	6/28/2005	30-36 in	Shielded G-M reading	NT	cpm	Radium-226 ±2σ error	127±11.9	pCi/g	Uranium-238 ±2σ error	13.1±6.97	pCi/g			
2	Test Pit No. 7	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-LL	6/28/2005	0-6 in	Shielded G-M reading	129	cpm	Radium-226 ±2σ error	30.0±2.71	pCi/g	Uranium-238 ±2σ error	10.7±9.05	pCi/g			
2	Test Pit No. 7	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-MM	6/28/2005	6-12 in	Shielded G-M reading	113	cpm	Radium-226 ±2σ error	2.77±0.416	pCi/g	Uranium-238 ±2σ error	9.29±7.41	pCi/g			
2	Test Pit No. 7	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-NN	6/28/2005	12-18 in	Shielded G-M reading	85	cpm	Radium-226 ±2σ error	0.927±0.262	pCi/g	Uranium-238 ±2σ error	7.20±3.57	pCi/g			
2	Test Pit No. 7	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-OO	6/28/2005	18-24 in	Shielded G-M reading	61	cpm	Radium-226 ±2σ error	1.38±0.256	pCi/g	Uranium-238 ±2σ error	2.50±1.01	pCi/g			
3	Test Pit No. 8	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-V	6/30/2005	0-6 in	Shielded G-M reading	642	cpm	Radium-226 ±2σ error	130±11.2	pCi/g	Uranium-238 ±2σ error	2.90±16.2	pCi/g			
3	Test Pit No. 8	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-X	6/30/2005	6-12 in	Shielded G-M reading	162	cpm	Radium-226 ±2σ error	12.1±1.23	pCi/g	Uranium-238 ±2σ error	21.8±8.15	pCi/g			
3	Test Pit No. 8	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-Y	6/30/2005	12-18 in	Shielded G-M reading	116	cpm	Radium-226 ±2σ error	2.80±0.424	pCi/g	Uranium-238 ±2σ error	15.2±7.49	pCi/g			

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3	Test Pit No. 8	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-Z	6/30/2005	18-24 in	Shielded G-M reading	99	cpm	Radium-226 ±2σ error	1.39±0.261	pCi/g	Uranium-238 ±2σ error	3.70±4.05	pCi/g			
3	Test Pit No. 8	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	30-36 in	Shielded G-M reading	75	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 9	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-PP	6/28/2005	0-6 in	Shielded G-M reading	191	cpm	Radium-226 ±2σ error	24.6±0.847	pCi/g	Uranium-238 ±2σ error	19.2±9.83	pCi/g			
2	Test Pit No. 9	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-QQ	6/28/2005	6-12 in	Shielded G-M reading	89	cpm	Radium-226 ±2σ error	1.63±0.333	pCi/g	Uranium-238 ±2σ error	5.75±1.68	pCi/g			
2	Test Pit No. 9	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-RR	6/28/2005	12-18 in	Shielded G-M reading	75	cpm	Radium-226 ±2σ error	4.37±0.543	pCi/g	Uranium-238 ±2σ error	3.66±2.79	pCi/g			
2	Test Pit No. 9	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-SS	6/28/2005	18-24 in	Shielded G-M reading	83	cpm	Radium-226 ±2σ error	1.97±0.329	pCi/g	Uranium-238 ±2σ error	7.92±3.82	pCi/g			
4	Test Pit No. 10	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-B	6/30/2005	0-6 in	Shielded G-M reading	174	cpm	Radium-226 ±2σ error	19.7±1.94	pCi/g	Uranium-238 ±2σ error	27.5±6.46	pCi/g			
4	Test Pit No. 10	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-C	6/30/2005	6-12 in	Shielded G-M reading	152	cpm	Radium-226 ±2σ error	3.88±0.621	pCi/g	Uranium-238 ±2σ error	20.1±6.00	pCi/g			
4	Test Pit No. 10	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-D	6/30/2005	12-18 in	Shielded G-M reading	98	cpm	Radium-226 ±2σ error	2.68±0.449	pCi/g	Uranium-238 ±2σ error	6.75±7.76	pCi/g			
4	Test Pit No. 10	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-E	6/30/2005	18-24 in	Shielded G-M reading	89	cpm	Radium-226 ±2σ error	1.67±0.294	pCi/g	Uranium-238 ±2σ error	8.14±4.63	pCi/g			
3	Test Pit No. 11	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-F	6/30/2005	0-6 in	Shielded G-M reading	93	cpm	Radium-226 ±2σ error	1.92±0.326	pCi/g	Uranium-238 ±2σ error	6.27±3.71	pCi/g			
3	Test Pit No. 11	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	6-12 in	Shielded G-M reading	88	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 11	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-G	6/30/2005	12-18 in	Shielded G-M reading	120	cpm	Radium-226 ±2σ error	1.08±0.233	pCi/g	Uranium-238 ±2σ error	14.7±4.68	pCi/g			
3	Test Pit No. 11	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	88	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 12	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-J	6/30/2005	0-6 in	Shielded G-M reading	165	cpm	Radium-226 ±2σ error	86.3±1.88	pCi/g	Uranium-238 ±2σ error	22.6±13.3	pCi/g			

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3	Test Pit No. 12	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-K	6/30/2005	6-12 in	Shielded G-M reading	142	cpm	Radium-226 ±2σ error	23.1±2.08	pCi/g	Uranium-238 ±2σ error	5.24±6.30	pCi/g			
3	Test Pit No. 12	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-L	6/30/2005	12-18 in	Shielded G-M reading	105	cpm	Radium-226 ±2σ error	1.81±0.403	pCi/g	Uranium-238 ±2σ error	8.10±4.15	pCi/g			
3	Test Pit No. 12	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-M	6/30/2005	18-24 in	Shielded G-M reading	90	cpm	Radium-226 ±2σ error	1.25±0.313	pCi/g	Uranium-238 ±2σ error	7.56±4.23	pCi/g			
11	Test Pit No. 13	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	070105-A	7/1/2005	0-6 in	Shielded G-M reading	135	cpm	Radium-226 ±2σ error	14.2±1.34	pCi/g	Uranium-238 ±2σ error	2.84±4.44	pCi/g			
11	Test Pit No. 13	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	7/1/2005	6-12 in	Shielded G-M reading	91	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 14	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-O	6/30/2005	0-6 in	Shielded G-M reading	217	cpm	Radium-226 ±2σ error	69.0±6.25	pCi/g	Uranium-238 ±2σ error	11.1±5.02	pCi/g			
3	Test Pit No. 14	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-P	6/30/2005	6-12 in	Shielded G-M reading	110	cpm	Radium-226 ±2σ error	2.36±0.381	pCi/g	Uranium-238 ±2σ error	9.63±3.91	pCi/g			
3	Test Pit No. 14	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-Q	6/30/2005	12-18 in	Shielded G-M reading	70	cpm	Radium-226 ±2σ error	1.12±0.273	pCi/g	Uranium-238 ±2σ error	6.58±3.20	pCi/g			
3	Test Pit No. 14	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	72	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 15	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/27/2005	0-6 in	Shielded G-M reading	1412	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 15	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-C	6/27/2005	18-24 in	Shielded G-M reading	111	cpm	Radium-226 ±2σ error	2.06±0.331	pCi/g	Uranium-238 ±2σ error	8.24±6.73	pCi/g			
2	Test Pit No. 15	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-D	6/27/2005	36-42 in	Shielded G-M reading	104	cpm	Radium-226 ±2σ error	1.10±0.272	pCi/g	Uranium-238 ±2σ error	5.30±3.39	pCi/g			
2	Test Pit No. 16	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-HH	6/28/2005	0-6 in	Shielded G-M reading	632	cpm	Radium-226 ±2σ error	1.49±0.282	pCi/g	Uranium-238 ±2σ error	8.25±4.79	pCi/g			
2	Test Pit No. 16	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-II	6/28/2005	6-12 in	Shielded G-M reading	356	cpm	Radium-226 ±2σ error	1.84±0.247	pCi/g	Uranium-238 ±2σ error	8.42±2.70	pCi/g			
2	Test Pit No. 16	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-JJ	6/28/2005	12-18 in	Shielded G-M reading	154	cpm	Radium-226 ±2σ error	2.85±0.245	pCi/g	Uranium-238 ±2σ error	4.69±3.58	pCi/g			

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2	Test Pit No. 16	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-KK	6/28/2005	18-24 in	Shielded G-M reading	118	cpm	Radium-226 ±2σ error	1.88±0.404	pCi/g	Uranium-238 ±2σ error	10.0±3.66	pCi/g			
2	Test Pit No. 17	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-AA	6/28/2005	0-6 in	Shielded G-M reading	394	cpm	Radium-226 ±2σ error	271±2.43	pCi/g	Uranium-238 ±2σ error	27.4±17.6	pCi/g			
2	Test Pit No. 17	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-BB	6/28/2005	6-12 in	Shielded G-M reading	233	cpm	Radium-226 ±2σ error	31.7±2.92	pCi/g	Uranium-238 ±2σ error	8.90±10.3	pCi/g			
2	Test Pit No. 17	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-CC	6/28/2005	12-18 in	Shielded G-M reading	130	cpm	Radium-226 ±2σ error	0.988±0.184	pCi/g	Uranium-238 ±2σ error	5.33±2.91	pCi/g			
2	Test Pit No. 17	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-DD	6/28/2005	18-24 in	Shielded G-M reading	101	cpm	Radium-226 ±2σ error	0.656±0.180	pCi/g	Uranium-238 ±2σ error	0.00±2.95	pCi/g			
2	Test Pit No. 18	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-U	6/27/2005	0-6 in	Shielded G-M reading	89	cpm	Radium-226 ±2σ error	15.5±1.47	pCi/g	Uranium-238 ±2σ error	9.84±5.85	pCi/g			
2	Test Pit No. 18	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-V	6/27/2005	6-12 in	Shielded G-M reading	178	cpm	Radium-226 ±2σ error	15.6±1.44	pCi/g	Uranium-238 ±2σ error	6.11±7.89	pCi/g			
2	Test Pit No. 18	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-W	6/27/2005	12-18 in	Shielded G-M reading	107	cpm	Radium-226 ±2σ error	1.04±0.245	pCi/g	Uranium-238 ±2σ error	6.81±3.28	pCi/g			
2	Test Pit No. 18	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-X	6/27/2005	18-24 in	Shielded G-M reading	95	cpm	Radium-226 ±2σ error	1.48±0.307	pCi/g	Uranium-238 ±2σ error	4.98±2.13	pCi/g			
2	Test Pit No. 20	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-W	6/28/2005	0-6 in	Shielded G-M reading	98	cpm	Radium-226 ±2σ error	2.29±0.348	pCi/g	Uranium-238 ±2σ error	2.36±2.83	pCi/g			
2	Test Pit No. 20	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-X	6/28/2005	6-12 in	Shielded G-M reading	80	cpm	Radium-226 ±2σ error	1.97±0.354	pCi/g	Uranium-238 ±2σ error	2.02±2.62	pCi/g			
2	Test Pit No. 20	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-Y	6/28/2005	12-18 in	Shielded G-M reading	83	cpm	Radium-226 ±2σ error	0.868±0.370	pCi/g	Uranium-238 ±2σ error	0.00±1.96	pCi/g			
2	Test Pit No. 20	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-Z	6/28/2005	18-24 in	Shielded G-M reading	64	cpm	Radium-226 ±2σ error	2.20±0.392	pCi/g	Uranium-238 ±2σ error	0.505±0.968	pCi/g			
2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-A	6/28/2005	0-6 in	Shielded G-M reading	3402	cpm	Radium-226 ±2σ error	789±73.0	pCi/g	Uranium-238 ±2σ error	38.6±16.6	pCi/g			
2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-B	6/28/2005	6-12 in	Shielded G-M reading	3564	cpm	Radium-226 ±2σ error	254±26.8	pCi/g	Uranium-238 ±2σ error	30.8±16.5	pCi/g			

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2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-C	6/28/2005	12-18 in	Shielded G-M reading	1282	cpm	Radium-226 ±2σ error	6.38±0.416	pCi/g	Uranium-238 ±2σ error	12.9±5.16	pCi/g			
2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-D	6/28/2005	18-24 in	Shielded G-M reading	1630	cpm	Radium-226 ±2σ error	5.87±0.704	pCi/g	Uranium-238 ±2σ error	12.8±7.42	pCi/g			
2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-E	6/28/2005	30-36 in	Shielded G-M reading	232	cpm	Radium-226 ±2σ error	2.08±0.381	pCi/g	Uranium-238 ±2σ error	7.95±5.28	pCi/g			
2	Test Pit No. 21	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-F	6/28/2005	36-42 in	Shielded G-M reading	146	cpm	Radium-226 ±2σ error	11.9±0.542	pCi/g	Uranium-238 ±2σ error	12.9±6.26	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-G	6/28/2005	0-6 in	Shielded G-M reading	3406	cpm	Radium-226 ±2σ error	604±4.22	pCi/g	Uranium-238 ±2σ error	20.8±26.5	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-H	6/28/2005	6-12 in	Shielded G-M reading	509	cpm	Radium-226 ±2σ error	60.0±5.48	pCi/g	Uranium-238 ±2σ error	24.5±6.75	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-I	6/28/2005	12-18 in	Shielded G-M reading	9863	cpm	Radium-226 ±2σ error	12.4±1.39	pCi/g	Uranium-238 ±2σ error	24.8±5.67	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-J	6/28/2005	18-24 in	Shielded G-M reading	632	cpm	Radium-226 ±2σ error	1.78±0.334	pCi/g	Uranium-238 ±2σ error	15.2±3.39	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-K	6/28/2005	24-30 in	Shielded G-M reading	226	cpm	Radium-226 ±2σ error	0.628±0.136	pCi/g	Uranium-238 ±2σ error	7.74±2.61	pCi/g			
2	Test Pit No. 22	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/28/2005	30-36 in	Shielded G-M reading	150	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-H	6/29/2005	0-6 in	Shielded G-M reading	82	cpm	Radium-226 ±2σ error	4.55±0.565	pCi/g	Uranium-238 ±2σ error	3.93±3.92	pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	6-12 in	Shielded G-M reading	58	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	12-18 in	Shielded G-M reading	67	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	18-24 in	Shielded G-M reading	80	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	24-30 in	Shielded G-M reading	77	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	69	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 23	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	36-42 in	Shielded G-M reading	64	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-G	6/29/2005	0-6 in	Shielded G-M reading	83	cpm	Radium-226 ±2σ error	0.594±0.176	pCi/g	Uranium-238 ±2σ error	-0.796±2.83	pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	6-12 in	Shielded G-M reading	80	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	12-18 in	Shielded G-M reading	71	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	18-24 in	Shielded G-M reading	49	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	24-30 in	Shielded G-M reading	58	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	68	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 24	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	36-42 in	Shielded G-M reading	57	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 25	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-R	6/28/2005	0-6 in	Shielded G-M reading	1240	cpm	Radium-226 ±2σ error	413±3.24	pCi/g	Uranium-238 ±2σ error	20.8±24.3	pCi/g			
2	Test Pit No. 25	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-S	6/28/2005	6-12 in	Shielded G-M reading	246	cpm	Radium-226 ±2σ error	5.68±0.699	pCi/g	Uranium-238 ±2σ error	12.0±6.91	pCi/g			
2	Test Pit No. 25	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-T	6/28/2005	12-18 in	Shielded G-M reading	136	cpm	Radium-226 ±2σ error	1.245±0.216	pCi/g	Uranium-238 ±2σ error	10.35±3.57	pCi/g			
2	Test Pit No. 25	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-U	6/28/2005	18-24 in	Shielded G-M reading	282	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 25	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-V	6/28/2005	24-30 in	Shielded G-M reading	94	cpm	Radium-226 ±2σ error	15.1±1.42	pCi/g	Uranium-238 ±2σ error	5.86±5.08	pCi/g			
2	Test Pit No. 26	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-FF	6/28/2005	0-6 in	Shielded G-M reading	67	cpm	Radium-226 ±2σ error	1.36±0.212	pCi/g	Uranium-238 ±2σ error	1.34±1.68	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 26	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062805-GG	6/28/2005	6-12 in	Shielded G-M reading	79	cpm	Radium-226 ±2σ error	1.44±0.263	pCi/g	Uranium-238 ±2σ error	2.585±2.59	pCi/g			
2	Test Pit No. 26	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/28/2005	12-18 in	Shielded G-M reading	54	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 27	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-AA	6/30/2005	0-6 in	Shielded G-M reading	61	cpm	Radium-226 ±2σ error	1.49±0.193	pCi/g	Uranium-238 ±2σ error	0.470±2.01	pCi/g			
3	Test Pit No. 27	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	6-12 in	Shielded G-M reading	62	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 27	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	12-18 in	Shielded G-M reading	68	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 27	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	72	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 28	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-H	6/30/2005	0-6 in	Shielded G-M reading	99	cpm	Radium-226 ±2σ error	1.19±0.296	pCi/g	Uranium-238 ±2σ error	8.80±4.72	pCi/g			
3	Test Pit No. 28	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-I	6/30/2005	6-12 in	Shielded G-M reading	94	cpm	Radium-226 ±2σ error	1.49±0.315	pCi/g	Uranium-238 ±2σ error	15.7±3.64	pCi/g			
3	Test Pit No. 28	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	12-18 in	Shielded G-M reading	88	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 28	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	82	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-M	6/27/2005	0-6 in	Shielded G-M reading	86	cpm	Radium-226 ±2σ error	5.69±0.704	pCi/g	Uranium-238 ±2σ error	2.95±3.90	pCi/g			
2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-P	6/27/2005	6-12 in	Shielded G-M reading	65	cpm	Radium-226 ±2σ error	0.837±0.259	pCi/g	Uranium-238 ±2σ error	2.15±1.47	pCi/g			
2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-O	6/27/2005	12-18 in	Shielded G-M reading	79	cpm	Radium-226 ±2σ error	0.619±0.213	pCi/g	Uranium-238 ±2σ error	2.70±2.62	pCi/g			
2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-N	6/27/2005	18-24 in	Shielded G-M reading	57	cpm	Radium-226 ±2σ error	0.595±0.214	pCi/g	Uranium-238 ±2σ error	1.11±2.31	pCi/g			
2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/27/2005	30-36 in	Shielded G-M reading	76	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			

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2	Test Pit No. 29	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/27/2005	42-48 in	Shielded G-M reading	69	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 30	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-A	6/29/2005	0-6 in	Shielded G-M reading	296	cpm	Radium-226 ±2σ error	98.0±9.11	pCi/g	Uranium-238 ±2σ error	4.16±17.5	pCi/g			
2	Test Pit No. 30	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-B	6/29/2005	6-12 in	Shielded G-M reading	274	cpm	Radium-226 ±2σ error	29.0±1.14	pCi/g	Uranium-238 ±2σ error	7.81±6.95	pCi/g			
2	Test Pit No. 30	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-C	6/29/2005	12-18 in	Shielded G-M reading	123	cpm	Radium-226 ±2σ error	58.25±4.64	pCi/g	Uranium-238 ±2σ error	22±14.8	pCi/g			
2	Test Pit No. 30	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-D	6/29/2005	18-24 in	Shielded G-M reading	88	cpm	Radium-226 ±2σ error	3.60±0.534	pCi/g	Uranium-238 ±2σ error	9.28±4.46	pCi/g			
3	Test Pit No. 31	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-N	6/30/2005	0-6 in	Shielded G-M reading	65	cpm	Radium-226 ±2σ error	1.89±0.322	pCi/g	Uranium-238 ±2σ error	0.435±2.61	pCi/g			
3	Test Pit No. 31	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	6-12 in	Shielded G-M reading	75	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 31	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	12-18 in	Shielded G-M reading	76	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 31	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	61	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 32	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-CC	6/27/2005	0-6 in	Shielded G-M reading	175	cpm	Radium-226 ±2σ error	37.3±1.11	pCi/g	Uranium-238 ±2σ error	13.2±8.24	pCi/g			
2	Test Pit No. 32	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-DD	6/27/2005	6-12 in	Shielded G-M reading	78	cpm	Radium-226 ±2σ error	0.809±0.220	pCi/g	Uranium-238 ±2σ error	3.95±2.90	pCi/g			
2	Test Pit No. 32	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-EE	6/27/2005	12-18 in	Shielded G-M reading	81	cpm	Radium-226 ±2σ error	0.529±0.173	pCi/g	Uranium-238 ±2σ error	2.30±0.856	pCi/g			
2	Test Pit No. 32	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-FF	6/27/2005	18-24 in	Shielded G-M reading	64	cpm	Radium-226 ±2σ error	1.07±0.216	pCi/g	Uranium-238 ±2σ error	2.77±2.97	pCi/g			
2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-F	6/29/2005	0-6 in	Shielded G-M reading	66	cpm	Radium-226 ±2σ error	0.872±0.194	pCi/g	Uranium-238 ±2σ error	0.832±0.959	pCi/g			
2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	6-12 in	Shielded G-M reading	51	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			

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2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	12-18 in	Shielded G-M reading	66	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	18-24 in	Shielded G-M reading	76	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	24-30 in	Shielded G-M reading	69	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 33	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	62	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
4	Test Pit No. 34	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-U	6/29/2005	0-6 in	Shielded G-M reading	177	cpm	Radium-226 ±2σ error	7.98±0.964	pCi/g	Uranium-238 ±2σ error	26.2±8.45	pCi/g			
4	Test Pit No. 34	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-V	6/29/2005	6-12 in	Shielded G-M reading	126	cpm	Radium-226 ±2σ error	3.80±0.585	pCi/g	Uranium-238 ±2σ error	18.5±4.29	pCi/g			
4	Test Pit No. 34	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-W	6/29/2005	12-18 in	Shielded G-M reading	96	cpm	Radium-226 ±2σ error	10.1±1.11	pCi/g	Uranium-238 ±2σ error	6.22±2.41	pCi/g			
4	Test Pit No. 34	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-X	6/29/2005	18-24 in	Shielded G-M reading	76	cpm	Radium-226 ±2σ error	3.40±0.406	pCi/g	Uranium-238 ±2σ error	6.00±7.21	pCi/g			
11	Test Pit No. 35	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-AA	6/27/2005	12-18 in	Shielded G-M reading	75	cpm	Radium-226 ±2σ error	1.10±0.331	pCi/g	Uranium-238 ±2σ error	2.24±3.00	pCi/g			
11	Test Pit No. 35	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-BB	6/27/2005	18-24 in	Shielded G-M reading	85	cpm	Radium-226 ±2σ error	1.29±0.287	pCi/g	Uranium-238 ±2σ error	1.76±1.18	pCi/g			
11	Test Pit No. 35	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-Y	6/27/2005	0-6 in	Shielded G-M reading	73	cpm	Radium-226 ±2σ error	1.02±0.215	pCi/g	Uranium-238 ±2σ error	0.907±0.932	pCi/g			
11	Test Pit No. 35	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062705-Z	6/27/2005	6-12 in	Shielded G-M reading	70	cpm	Radium-226 ±2σ error	0.792±0.198	pCi/g	Uranium-238 ±2σ error	2.90±3.96	pCi/g			
11	Test Pit No. 36	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	070105-B	7/1/2005	0-6 in	Shielded G-M reading	100	cpm	Radium-226 ±2σ error	4.15±0.548	pCi/g	Uranium-238 ±2σ error	3.89±2.16	pCi/g			
11	Test Pit No. 36	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	7/1/2005	6-12 in	Shielded G-M reading	89	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 37	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-R	6/30/2005	0-6 in	Shielded G-M reading	109	cpm	Radium-226 ±2σ error	8.50±0.566	pCi/g	Uranium-238 ±2σ error	12.3±5.81	pCi/g			

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3	Test Pit No. 37	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	6-12 in	Shielded G-M reading	67	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 37	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	12-18 in	Shielded G-M reading	68	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
3	Test Pit No. 37	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	61	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
11	Test Pit No. 38	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	070105-C	7/1/2005	0-6 in	Shielded G-M reading	138	cpm	Radium-226 ±2σ error	7.00±0.847	pCi/g	Uranium-238 ±2σ error	9.68±2.96	pCi/g			
11	Test Pit No. 38	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	070105-D	7/1/2005	6-12 in	Shielded G-M reading	121	cpm	Radium-226 ±2σ error	2.16±0.370	pCi/g	Uranium-238 ±2σ error	13.1±5.92	pCi/g			
4	Test Pit No. 39	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	063005-A	6/30/2005	0-6 in	Shielded G-M reading	87	cpm	Radium-226 ±2σ error	1.375±0.245	pCi/g	Uranium-238 ±2σ error	2.195±2.13	pCi/g			
4	Test Pit No. 39	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	6-12 in	Shielded G-M reading	58	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
4	Test Pit No. 39	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	12-18 in	Shielded G-M reading	71	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
4	Test Pit No. 39	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/30/2005	18-24 in	Shielded G-M reading	72	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-I	6/29/2005	0-6 in	Shielded G-M reading	839	cpm	Radium-226 ±2σ error	217±18.5	pCi/g	Uranium-238 ±2σ error	14.4±14.7	pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-J	6/29/2005	6-12 in	Shielded G-M reading	246	cpm	Radium-226 ±2σ error	2.20±0.343	pCi/g	Uranium-238 ±2σ error	39.4±10.9	pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-K	6/29/2005	12-24 in	Shielded G-M reading	149	cpm	Radium-226 ±2σ error	3.00±0.452	pCi/g	Uranium-238 ±2σ error	21.8±4.56	pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-L	6/29/2005	24-30 in	Shielded G-M reading	89	cpm	Radium-226 ±2σ error	2.57±0.320	pCi/g	Uranium-238 ±2σ error	10.8±4.00	pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	80	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	36-42 in	Shielded G-M reading	58	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
35	Test Pit No. 40	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	42-48 in	Shielded G-M reading	56	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-T	6/29/2005	0-6 in	Shielded G-M reading	52	cpm	Radium-226 ±2σ error	0.932±0.217	pCi/g	Uranium-238 ±2σ error	1.75±1.67	pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	6-12 in	Shielded G-M reading	60	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	12-18 in	Shielded G-M reading	56	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	18-24 in	Shielded G-M reading	56	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	24-30 in	Shielded G-M reading	60	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 41	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	62	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-M	6/29/2005	0-6 in	Shielded G-M reading	1190	cpm	Radium-226 ±2σ error	281±23.4	pCi/g	Uranium-238 ±2σ error	11.3±16.7	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-N	6/29/2005	6-12 in	Shielded G-M reading	1796	cpm	Radium-226 ±2σ error	260±2.88	pCi/g	Uranium-238 ±2σ error	29.6±23.9	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-O	6/29/2005	12-18 in	Shielded G-M reading	1143	cpm	Radium-226 ±2σ error	171±14.4	pCi/g	Uranium-238 ±2σ error	9.54±13.6	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-P	6/29/2005	18-24 in	Shielded G-M reading	1269	cpm	Radium-226 ±2σ error	96.3±8.12	pCi/g	Uranium-238 ±2σ error	6.01±13.6	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-Q	6/29/2005	24-30 in	Shielded G-M reading	1362	cpm	Radium-226 ±2σ error	120.5±10.7	pCi/g	Uranium-238 ±2σ error	11.45±5.90	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-R	6/29/2005	30-36 in	Shielded G-M reading	2066	cpm	Radium-226 ±2σ error	303±2.51	pCi/g	Uranium-238 ±2σ error	14.7±17.2	pCi/g			
35	Test Pit No. 42	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-S	6/29/2005	36-42 in	Shielded G-M reading	1080	cpm	Radium-226 ±2σ error	89.1±7.73	pCi/g	Uranium-238 ±2σ error	10.4±12.3	pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	062905-E	6/29/2005	0-6 in	Shielded G-M reading	66	cpm	Radium-226 ±2σ error	0.705±0.230	pCi/g	Uranium-238 ±2σ error	0.831±1.08	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	6-12 in	Shielded G-M reading	49	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	12-18 in	Shielded G-M reading	80	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	18-24 in	Shielded G-M reading	65	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	24-30 in	Shielded G-M reading	63	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	30-36 in	Shielded G-M reading	51	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	36-42 in	Shielded G-M reading	70	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 44	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	NS	6/29/2005	42-48 in	Shielded G-M reading	63	cpm	Radium-226 ±2σ error		pCi/g	Uranium-238 ±2σ error		pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1A	7/14/2005	0-6 in	Shielded G-M reading	250	cpm	Radium-226 ±2σ error	27.4±0.686	pCi/g	Uranium-238 ±2σ error	11.1±6.63	pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1B	7/14/2005	6-12 in	Shielded G-M reading	335	cpm	Radium-226 ±2σ error	59.9±5.42	pCi/g	Uranium-238 ±2σ error	21.9±6.82	pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1C	7/14/2005	12-18 in	Shielded G-M reading	391	cpm	Radium-226 ±2σ error	43.1±4.36	pCi/g	Uranium-238 ±2σ error	14.1±8.79	pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1D	7/14/2005	18-24 in	Shielded G-M reading	175	cpm	Radium-226 ±2σ error	13.6±1.34	pCi/g	Uranium-238 ±2σ error	14.8±8.64	pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1E	7/14/2005	24-30 in	Shielded G-M reading	130	cpm	Radium-226 ±2σ error	5.98±0.570	pCi/g	Uranium-238 ±2σ error	6.77±3.79	pCi/g			
2	Test Pit No. 45	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-1F	7/14/2005	30-36 in	Shielded G-M reading	110	cpm	Radium-226 ±2σ error	2.18±0.383	pCi/g	Uranium-238 ±2σ error	6.39±5.14	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2A	7/14/2005	0-6 in	Shielded G-M reading	433	cpm	Radium-226 ±2σ error	191±16.3	pCi/g	Uranium-238 ±2σ error	38.1±18.4	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2B	7/14/2005	6-12 in	Shielded G-M reading	792	cpm	Radium-226 ±2σ error	383±32.9	pCi/g	Uranium-238 ±2σ error	55.8±32.6	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2C	7/14/2005	12-18 in	Shielded G-M reading	1166	cpm	Radium-226 ±2σ error	630±5.19	pCi/g	Uranium-238 ±2σ error	130±40.0	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2D	7/14/2005	18-24 in	Shielded G-M reading	171	cpm	Radium-226 ±2σ error	16.4±1.72	pCi/g	Uranium-238 ±2σ error	35.1±7.05	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2E	7/14/2005	24-30 in	Shielded G-M reading	165	cpm	Radium-226 ±2σ error	3.90±0.522	pCi/g	Uranium-238 ±2σ error	14.1±3.27	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2F	7/14/2005	30-36 in	Shielded G-M reading	121	cpm	Radium-226 ±2σ error	13.1±0.545	pCi/g	Uranium-238 ±2σ error	22.5±6.55	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2G	7/14/2005	36-42 in	Shielded G-M reading	94	cpm	Radium-226 ±2σ error	9.34±0.556	pCi/g	Uranium-238 ±2σ error	13.5±5.55	pCi/g			
2	Test Pit No. 46	1-min integrated counts using Geiger-Mueller; lab analysis for Radium and Uranium	TI-2H	7/14/2005	42-48 in	Shielded G-M reading	71	cpm	Radium-226 ±2σ error	3.025±0.442	pCi/g	Uranium-238 ±2σ error	8.9±6.21	pCi/g			
30	Section 30 Mine	walk-over Gamma survey		2/23/2013	surface	Gamma Count	15,027-999,960	cpm									
30	1	stationary gamma	S30-01-130227	2/28/2013	surface	Gamma Count	90,948	cpm									
30	2	stationary gamma	S30-02-130227	2/28/2013	surface	Gamma Count	1,165,232	cpm									
30	3	stationary gamma	S30-03-130227	2/28/2013	surface	Gamma Count	99,391	cpm									
30	4	stationary gamma; lab analysis for Radium and Uranium	S30-04-130227 & S30-04-13228	2/28/2013	surface	Gamma Count	141,119	cpm	Radium-226	12.1	pCi/g	Uranium-235	1.33	pCi/g			
30	5	stationary gamma	S30-05-130227	2/28/2013	surface	Gamma Count	100,751	cpm									
30	6	stationary gamma	S30-06-130227	2/28/2013	surface	Gamma Count	40,533	cpm									
30	7	stationary gamma	S30-07-130227	2/28/2013	surface	Gamma Count	33,810	cpm									
30	8	stationary gamma	S30-08-130227	2/28/2013	surface	Gamma Count	41,067	cpm									
30	9	stationary gamma	S30-09-130227	2/28/2013	surface	Gamma Count	27,995	cpm									
30	10	stationary gamma	S30-010-130227	2/28/2013	surface	Gamma Count	41,452	cpm									
30	11	stationary gamma	S30-011-130227	2/28/2013	surface	Gamma Count	45,563	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment
30	12	stationary gamma	S30-012-130227	2/28/2013	surface	Gamma Count	76,555	cpm									
30	13	stationary gamma	S30-013-130227	2/28/2013	surface	Gamma Count	54,667	cpm									
30	14	stationary gamma	S30-014-130227	2/28/2013	surface	Gamma Count	51,924	cpm									
30	15	stationary gamma	S30-015-130227	2/28/2013	surface	Gamma Count	43,826	cpm									
30	16	stationary gamma	S30-016-130227	2/28/2013	surface	Gamma Count	46,896	cpm									
30	17	stationary gamma	S30-017-130227	2/28/2013	surface	Gamma Count	28,382	cpm									
30	18	stationary gamma	S30-018-130227	2/28/2013	surface	Gamma Count	30,549	cpm									
30	19	stationary gamma	S30-019-130227	2/28/2013	surface	Gamma Count	25,332	cpm									
30	20	stationary gamma	S30-020-130227	2/28/2013	surface	Gamma Count	34,369	cpm									
30	21	stationary gamma	S30-021-130227	2/28/2013	surface	Gamma Count	28,606	cpm									
30	22	stationary gamma	S30-022-130227	2/28/2013	surface	Gamma Count	34,383	cpm									
30	23	stationary gamma	S30-023-130227	2/28/2013	surface	Gamma Count	41,087	cpm									
30	24	stationary gamma	S30-024-130227	2/28/2013	surface	Gamma Count	44,479	cpm									
30	25	stationary gamma	S30-025-130227	2/28/2013	surface	Gamma Count	48,072	cpm									
30	26	stationary gamma	S30-026-130227	2/28/2013	surface	Gamma Count	37,999	cpm									
30	27	stationary gamma	S30-027-130227	2/28/2013	surface	Gamma Count	29,804	cpm									
30	28	stationary gamma	S30-028-130227	2/28/2013	surface	Gamma Count	26,005	cpm									
30	29	stationary gamma	S30-029-130227	2/28/2013	surface	Gamma Count	25,091	cpm									
30	30	stationary gamma	S30-030-130227	2/28/2013	surface	Gamma Count	33,063	cpm									
30	31	stationary gamma	S30-031-130227	2/28/2013	surface	Gamma Count	41,446	cpm									
30	32	stationary gamma	S30-032-130227	2/28/2013	surface	Gamma Count	67,720	cpm									
30	33	stationary gamma	S30-033-130227	2/28/2013	surface	Gamma Count	45,147	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
30	34	stationary gamma	S30-034-130227	2/28/2013	surface	Gamma Count	35,011	cpm									
30	35	stationary gamma	S30-035-130227	2/28/2013	surface	Gamma Count	26,047	cpm									
30	36	stationary gamma	S30-036-130227	2/28/2013	surface	Gamma Count	30,918	cpm									
30	37	stationary gamma	S30-037-130227	2/28/2013	surface	Gamma Count	30,270	cpm									
30	38	stationary gamma	S30-038-130227	2/28/2013	surface	Gamma Count	72,872	cpm									
30	39	stationary gamma	S30-039-130227	2/28/2013	surface	Gamma Count	34,371	cpm									
30	40	stationary gamma	S30-040-130227	2/28/2013	surface	Gamma Count	33,453	cpm									
30	41	stationary gamma	S30-041-130227	2/28/2013	surface	Gamma Count	40,273	cpm									
30	42	stationary gamma	S30-042-130227	2/28/2013	surface	Gamma Count	57,109	cpm									
30	43	stationary gamma	S30-043-130227	2/28/2013	surface	Gamma Count	66,077	cpm									
30	44	stationary gamma	S30-044-130227	2/28/2013	surface	Gamma Count	38,329	cpm									
30	45	stationary gamma	S30-045-130227	2/28/2013	surface	Gamma Count	58,244	cpm									
30	46	stationary gamma	S30-046-130227	2/28/2013	surface	Gamma Count	40,788	cpm									
30	47	stationary gamma	S30-047-130227	2/28/2013	surface	Gamma Count	38,768	cpm									
30	48	stationary gamma	S30-048-130227	2/28/2013	surface	Gamma Count	38,956	cpm									
30	49	stationary gamma	S30-049-130227	2/28/2013	surface	Gamma Count	51,947	cpm									
30	50	stationary gamma	S30-050-130227	2/28/2013	surface	Gamma Count	133,430	cpm									
30	51	stationary gamma	S30-051-130227	2/28/2013	surface	Gamma Count	60,247	cpm									
30	52	stationary gamma	S30-052-130227	2/28/2013	surface	Gamma Count	42,752	cpm									
30	53	stationary gamma; lab analysis for Radium and Uranium	S30-053-130227 & S30-053-130228	2/28/2013	surface	Gamma Count	295,687	cpm	Radium-226	451	pCi/g	Uranium-235	16.7	pCi/g			
30	54	stationary gamma	S30-054-130227	2/28/2013	surface	Gamma Count	92,658	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
30	55	stationary gamma	S30-055-130227	2/28/2013	surface	Gamma Count	67,260	cpm									
30	56	stationary gamma	S30-056-130227	2/28/2013	surface	Gamma Count	83,151	cpm									
30	57	stationary gamma	S30-057-130227	2/28/2013	surface	Gamma Count	111,514	cpm									
30	58	stationary gamma	S30-058-130227	2/28/2013	surface	Gamma Count	37,953	cpm									
30	59	stationary gamma	S30-059-130227	2/28/2013	surface	Gamma Count	49,174	cpm									
30	60	stationary gamma	S30-060-130227	2/28/2013	surface	Gamma Count	49,822	cpm									
30	61	stationary gamma; lab analysis for Radium and Uranium	S30-061-130227 & S30-061-130228	2/28/2013	surface	Gamma Count	235,886	cpm	Radium-226	191	pCi/g	Uranium-235	4.61	pCi/g			
30	62	stationary gamma	S30-062-130227	2/28/2013	surface	Gamma Count	178,400	cpm									
30	63	stationary gamma	S30-063-130227	2/28/2013	surface	Gamma Count	30,697	cpm									
30	64	stationary gamma	S30-064-130227	2/28/2013	surface	Gamma Count	34,014	cpm									
30	65	stationary gamma	S30-065-130227	2/28/2013	surface	Gamma Count	40,703	cpm									
30	66	stationary gamma	S30-066-130227	2/28/2013	surface	Gamma Count	138,513	cpm									
30	67	stationary gamma	S30-067-130227	2/28/2013	surface	Gamma Count	260,391	cpm									
30	68	stationary gamma	S30-068-130227	2/28/2013	surface	Gamma Count	139,828	cpm									
30	69	stationary gamma; lab analysis for Radium and Uranium	S30-069-130227 & S30-069-130228	2/28/2013	surface	Gamma Count	245,958	cpm	Radium-226	328	pCi/g	Uranium-235	12.7	pCi/g			
30	70	stationary gamma; lab analysis for Radium and Uranium	S30-070-130227 & S30-070-130228	2/28/2013	surface	Gamma Count	360,259	cpm	Radium-226	372	pCi/g	Uranium-235	11.5	pCi/g			
30	71	stationary gamma	S30-071-130227	2/28/2013	surface	Gamma Count	94,008	cpm									
30	72	stationary gamma	S30-072-130227	2/28/2013	surface	Gamma Count	46,441	cpm									
30	73	stationary gamma	S30-073-130227	2/28/2013	surface	Gamma Count	60,367	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
30	74	stationary gamma	S30-074-130227	2/28/2013	surface	Gamma Count	77,686	cpm									
30	75	stationary gamma	S30-075-130227	2/28/2013	surface	Gamma Count	108,705	cpm									
30	76	stationary gamma	S30-076-130227	2/28/2013	surface	Gamma Count	35,034	cpm									
30	77	stationary gamma	S30-077-130227	2/28/2013	surface	Gamma Count	36,829	cpm									
30	78	stationary gamma	S30-078-130227	2/28/2013	surface	Gamma Count	63,213	cpm									
30	79	stationary gamma	S30-079-130227	2/28/2013	surface	Gamma Count	250,415	cpm									
30	80	stationary gamma	S30-080-130227	2/28/2013	surface	Gamma Count	246,106	cpm									
30	81	stationary gamma	S30-081-130227	2/28/2013	surface	Gamma Count	138,309	cpm									
30	82	stationary gamma	S30-082-130227	2/28/2013	surface	Gamma Count	176,163	cpm									
30	83	stationary gamma; lab analysis for Radium and Uranium	S30-083-130227 & S30-083-130228	2/28/2013	surface	Gamma Count	261,077	cpm	Radium-226	205	pCi/g	Uranium-235	8.8	pCi/g			
30	84	stationary gamma	S30-084-130227	2/28/2013	surface	Gamma Count	57,563	cpm									
30	85	stationary gamma	S30-085-130227	2/28/2013	surface	Gamma Count	42,212	cpm									
30	86	stationary gamma	S30-086-130227	2/28/2013	surface	Gamma Count	67,425	cpm									
30	87	stationary gamma	S30-087-130227	2/28/2013	surface	Gamma Count	182,051	cpm									
30	88	stationary gamma	S30-088-130227	2/28/2013	surface	Gamma Count	35,869	cpm									
30	89	stationary gamma	S30-089-130227	2/28/2013	surface	Gamma Count	36,595	cpm									
30	90	stationary gamma; lab analysis for Radium and Uranium	S30-090-130227 & S30-090-130228	2/28/2013	surface	Gamma Count	391,816	cpm	Radium-226	316/356	pCi/g	Uranium-235	11.3/13.5	pCi/g			
30	91	stationary gamma; lab analysis for Radium and Uranium	S30-091-130227 & S30-091-130228	2/28/2013	surface	Gamma Count	321,783	cpm	Radium-226	210	pCi/g	Uranium-235	7.41	pCi/g			
30	92	stationary gamma	S30-092-130227	2/28/2013	surface	Gamma Count	220,529	cpm									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
30	93	stationary gamma	S30-093-130227	2/28/2013	surface	Gamma Count	123,718	cpm									
30	94	stationary gamma; lab analysis for Radium and Uranium	S30-094-130227 & S30-094-130228	2/28/2013	surface	Gamma Count	298,647	cpm	Radium-226	308	pCi/g	Uranium-235	8.48	pCi/g			
30	95	stationary gamma; lab analysis for Radium and Uranium	S30-095-130227 & S30-095-130228	2/28/2013	surface	Gamma Count	284,513	cpm	Radium-226	104	pCi/g	Uranium-235	4.27	pCi/g			
30	96	stationary gamma	S30-096-130227	2/28/2013	surface	Gamma Count	47,819	cpm									
30	97	stationary gamma	S30-097-130227	2/28/2013	surface	Gamma Count	62,570	cpm									
30	98	stationary gamma	S30-098-130227	2/28/2013	surface	Gamma Count	66,357	cpm									
30	99	stationary gamma	S30-099-130227	2/28/2013	surface	Gamma Count	35,044	cpm									
30	100	stationary gamma	S30-100-130227	2/28/2013	surface	Gamma Count	36,611	cpm									
30	BKGD	stationary gamma; lab analysis for Radium and Uranium	S30-BKGD-N-130227 & S30-BKGD-N-130228	2/28/2013	surface	Gamma Count	15,026	cpm	Radium-226	1.33	pCi/g	Uranium-235	-0.0757	pCi/g			
17	Section 17			14-Oct-92	Surface Area	Gamma	Less than 5	μR/hr									
17	Section 17			14-Oct-92	Surface Area	Gamma	6-30	μR/hr									
22	Section 22 Mine			14-Oct-92	Surface Area	Gamma	less than 5	μR/hr									
22	Section 22 Mine			14-Oct-92	Surface Area	Gamma	6-30	μR/hr									
22	Section 22 Mine			14-Oct-92	Surface Area	Gamma	31-57	μR/hr									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
24	Section 24 mine			7-May-93	surface	Gamma	0-20	µR/hr									
24	Section 24 mine			7-May-93	surface	Gamma	21-30	µR/hr									
24	Section 24 mine			7-May-93	surface	Gamma	31-50	µR/hr									
24	Section 24 mine			7-May-93	surface	Gamma	> 50	µR/hr									
24	Section 24 mine			2012	Surface	Gamma	0-29000	pCi/g									
24	Section 24 mine			2012	Surface	Gamma	2900.01-35000	pCi/g									
24	Section 24 mine			2012	Surface	Gamma	35000.01-40000	pCi/g									
24	Section 24 mine			2012	Surface	Gamma	40000.01-50000	pCi/g									
24	Section 24 mine			2012	Surface	Gamma	50000.01-9999999	pCi/g									
30	Section 30 Mine			23-Aug-93	Surface	Gamma	0-20	µR/hr									
30	Section 30 Mine			23-Aug-93	Surface	Gamma	31-50	µR/hr									
30	Section 30 Mine			23-Aug-93	Surface	Gamma	> 50	µR/hr									
30	Section 30 Mine			May-12	Surface	Gamma	0-29000	pCi/g									
30	Section 30 Mine			May-12	Surface	Gamma	2900.01-35000	pCi/g									
30	Section 30 Mine			May-12	Surface	Gamma	35000.01-40000	pCi/g									
30	Section 30 Mine			May-12	Surface	Gamma	40000.01-50000	pCi/g									
30	Section 30 Mine			May-12	Surface	Gamma	50000.01-9999999	pCi/g									
30 W	Section 30 West Mine			15-Jun-93	Surface	Gamma	0-20	µR/hr									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
30 W	Section 30 West Mine			15-Jun-93	Surface	Gamma	21-30	µR/hr									
30 W	Section 30 West Mine			15-Jun-93	Surface	Gamma	31-50	µR/hr									
30 W	Section 30 West Mine			15-Jun-93	Surface	Gamma	> 50	µR/hr									
33	Section 33 Mine	?????????????? No legend		4-Feb-92	Surface	Gamma	??? Values but no units	???									
35	Section 35 Mine			8-Jun-93	Surface	Gamma	0-20	µR/hr									
35	Section 35 Mine			8-Jun-93	Surface	Gamma	21-30	µR/hr									
35	Section 35 Mine			8-Jun-93	Surface	Gamma	31-50	µR/hr									
35	Section 35 Mine			8-Jun-93	Surface	Gamma	> 50	µR/hr									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	< 0.05	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.05 - 0.10	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.10 - 0.20	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.2 - 0.3	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.3 - 0.4	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.4 - 0.5	?									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment
35	Section 35 Mine			25-Jun-79	Surface	Gamma	0.5 - 0.7	?									
35	Section 35 Mine			25-Jun-79	Surface	Gamma	> 0.7	?									
17	Section 17 Mine			27-Apr-12	Surface	Gamma	80	μR/hr									
17	Section 17 Mine			27-Apr-12	Surface	Gamma	140	μR/hr									
17	Section 17 Mine			27-Apr-12	Surface	Gamma	210	μR/hr									
17	Section 17 Mine			27-Apr-12	Surface	Gamma	220	μR/hr									
22	Section 22 Mine			27-Apr-12	Surface	Gamma	25	μR/hr									
22	Section 22 Mine			27-Apr-12	Surface	Gamma	35	μR/hr									
22	Section 22 Mine			27-Apr-12	Surface	Gamma	70	μR/hr									
22	Section 22 Mine			27-Apr-12	Surface	Gamma	110	μR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	100	μR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	160	μR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	260	μR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	260	μR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	320	μR/hr									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment	Analyte	Results	Measure ment
24	Section 24 Mine			27-Apr-12	Surface	Gamma	340	µR/hr									
24	Section 24 Mine			27-Apr-12	Surface	Gamma	380	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	35	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	110	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	130	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	100	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	150	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	370	µR/hr									
30	Section 30 Mine			27-Apr-12	Surface	Gamma	500	µR/hr									
30W	Section 30W Mine			27-Apr-12	Surface	Gamma	160	µR/hr									
30W	Section 30W Mine			27-Apr-12	Surface	Gamma	220	µR/hr									
30W	Section 30W Mine			27-Apr-12	Surface	Gamma	220	µR/hr									
33	Section 33 Mine			27-Apr-12	Surface	Gamma	65	µR/hr									
33	Section 33 Mine			27-Apr-12	Surface	Gamma	150	µR/hr									
33	Section 33 Mine			27-Apr-12	Surface	Gamma	150	µR/hr									

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
35	Section 35 Mine			27-Apr-12	Surface	Gamma	60	µR/hr									
35	Section 35 Mine			27-Apr-12	Surface	Gamma	85	µR/hr									
35	Section 35 Mine			27-Apr-12	Surface	Gamma	150	µR/hr									
35	Section 35 Mine			27-Apr-12	Surface	Gamma	250	µR/hr									
35	Section 35 Mine			27-Apr-12	Surface	Gamma	475	µR/hr									
30	Section 30		Komex-101	8/2003 - 8/2004	Surface	Gamma (walking)	73919	cpm	Gamma (ATV)	77639	cpm	Ra-226	4.80	pCi/g	Th-230	4.41	pCi/g
30	Section 30		Komex-102	8/2003 - 8/2004	Surface	Gamma (walking)	57668	cpm	Gamma (ATV)	56561	cpm	Ra-226	7.93	pCi/g	Th-230	5.53	pCi/g
30	Section 30		Komex-103	8/2003 - 8/2004	Surface	Gamma (walking)	85676	cpm	Gamma (ATV)	86706	cpm	Ra-226	33.80	pCi/g	Th-230	45.20	pCi/g
30	Section 30		Komex-104	8/2003 - 8/2004	Surface	Gamma (walking)	149177	cpm	Gamma (ATV)	130756	cpm	Ra-226	96.00	pCi/g	Th-230	146.00	pCi/g
30	Section 30		Komex-105	8/2003 - 8/2004	Surface	Gamma (walking)	739956	cpm	Gamma (ATV)	71932	cpm	Ra-226	7.81	pCi/g	Th-230	6.65	pCi/g
30	Section 30		Komex-106	8/2003 - 8/2004	Surface	Gamma (walking)	68118	cpm	Gamma (ATV)	66489	cpm	Ra-226	21.80	pCi/g	Th-230	25.50	pCi/g
30	Section 30		Komex-107	8/2003 - 8/2004	Surface	Gamma (walking)	554967	cpm	Gamma (ATV)	569568	cpm	Ra-226	350.00	pCi/g	Th-230	505.00	pCi/g
30	Section 30		Komex-108	8/2003 - 8/2004	Surface	Gamma (walking)	81812	cpm	Gamma (ATV)	84810	cpm	Ra-226	4.23	pCi/g	Th-230	5.06	pCi/g
30	Section 30		Komex-123	8/2003 - 8/2004	Surface	Gamma (walking)	33662	cpm	Gamma (ATV)	34798	cpm	Ra-226	3.01	pCi/g	Th-230	2.46	pCi/g
19	Section 19		Komex-33	8/2003 - 8/2004	Surface	Gamma (walking)	18750	cpm	Gamma (ATV)	18728	cpm	Ra-226	1.98	pCi/g	Th-230	3.29	pCi/g
19	Section 19		Komex-33 split	8/2003 - 8/2004	Surface							Ra-226	1.94	pCi/g	Th-230	3.00	pCi/g
19	Section 19		Komex-34	8/2003 - 8/2004	Surface	Gamma (walking)	19386	cpm	Gamma (ATV)	18992	cpm	Ra-226	1.42	pCi/g	Th-230	3.43	pCi/g
19	Section 19		Komex-35	8/2003 - 8/2004	Surface	Gamma (walking)	17675	cpm	Gamma (ATV)	18116	cpm	Ra-226	2.28	pCi/g	Th-230	2.41	pCi/g
19	Section 19		Komex-36	8/2003 - 8/2004	Surface	Gamma (walking)	18894	cpm	Gamma (ATV)	18728	cpm	Ra-226	1.63	pCi/g	Th-230	9.75	pCi/g
19	Section 19		Komex-37	8/2003 - 8/2004	Surface	Gamma (walking)	18839	cpm	Gamma (ATV)	19411	cpm	Ra-226	1.40	pCi/g	Th-230	2.66	pCi/g

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
19	Section 19		Komex-38	8/2003 - 8/2004	Surface	Gamma (walking)	18953	cpm	Gamma (ATV)	19016	cpm	Ra-226	1.86	pCi/g	Th-230	2.70	pCi/g
4	Section 4 Pond Area		Section 4-1	11/9/2004	0-6"	Ra-226	2.2	pCi/g	Th-230	2.20	pCi/g	U-total	43.1	pCi/g			
4	Section 4 Pond Area		Section 4-1-2	11/9/2004	6-12"	Ra-226	3.2	pCi/g	Th-230	6.10	pCi/g	U-total	28.0	pCi/g			
4	Section 4 Pond Area		Section 4-1-3	11/9/2004	12-18"	Ra-226	1.8	pCi/g	Th-230	2.00	pCi/g	U-total	46.5	pCi/g			
4	Section 4 Pond Area		Section 4-2	11/9/2004	0-6"	Ra-226	14.0	pCi/g	Th-230	16.00	pCi/g	U-total	350.7	pCi/g			
4	Section 4 Pond Area		Section 4-3	11/9/2004	0-6"	Ra-226	4.9	pCi/g	Th-230	2.60	pCi/g	U-total	42.0	pCi/g			
4	Section 4 Pond Area		Section 4-3-1	11/9/2004	6-12"	Ra-226	7.3	pCi/g	Th-230	4.80	pCi/g	U-total	64.2	pCi/g			
4	Section 4 Pond Area		Section 4-4	11/9/2004	0-6"	Ra-226	8.4	pCi/g	Th-230	4.00	pCi/g	U-total	26.4	pCi/g			
4	Section 4 Pond Area		Section 4-5	11/9/2004	0-6"	Ra-226	10.0	pCi/g	Th-230	4.20	pCi/g	U-total	31.7	pCi/g			
4	Section 4 Pond Area		Section 4-5-1	11/9/2004	6-12"	Ra-226	29.0	pCi/g	Th-230	24.00	pCi/g	U-total	49.6	pCi/g			
4	Section 4 Pond Area		Section 4-6	11/9/2004	0-6"	Ra-226	25.0	pCi/g	Th-230	9.50	pCi/g	U-total	38.3	pCi/g			
4	Section 4 Pond Area		Section 4-7	11/9/2004	0-6"	Ra-226	19.0	pCi/g	Th-230	11.00	pCi/g	U-total	37.2	pCi/g			
4	Section 4 Pond Area		Section 4-7-1	11/9/2004	6-12"	Ra-226	93.0	pCi/g	Th-230	44.00	pCi/g	U-total	54.9	pCi/g			
4	Section 4 Pond Area		Section 4-8	11/9/2004	0-6"	Ra-226	6.2	pCi/g	Th-230	41.00	pCi/g	U-total	2.5	pCi/g			
4	Section 4 Pond Area		Section 4-9	11/9/2004	0-6"	Ra-226	57.0	pCi/g	Th-230	28.00	pCi/g	U-total	20.4	pCi/g			
4	Section 4 Pond Area		Section 4-9-1	11/9/2004	6-12"	Ra-226	41.0	pCi/g	Th-230	27.00	pCi/g	U-total	15.0	pCi/g			
4	Section 4 Pond Area		Section 4-10	11/9/2004	0-6"	Ra-226	4.6	pCi/g	Th-230	2.80	pCi/g	U-total	11.7	pCi/g			
4	Section 4 Pond Area		Section 4-11	11/9/2004	0-6"	Ra-226	24.0	pCi/g	Th-230	5.10	pCi/g	U-total	17.3	pCi/g			
4	Section 4 Pond Area		Section 4-11-1	11/9/2004	6-12"	Ra-226	31.0	pCi/g	Th-230	7.00	pCi/g	U-total	12.9	pCi/g			
4	Section 4 Pond Area		Section 4-12	11/9/2004	0-6"	Ra-226	54.0	pCi/g	Th-230	8.60	pCi/g	U-total	19.4	pCi/g			
4	Section 4 Pond Area		Section 4-13	11/9/2004	0-6"	Ra-226	99.0	pCi/g	Th-230	9.80	pCi/g	U-total	9.8	pCi/g			
4	Section 4 Pond Area		Section 4-13-1	11/9/2004	6-12"	Ra-226	95.0	pCi/g	Th-230	11.00	pCi/g	U-total	6.0	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
4	Section 4 Pond Area		Section 4-13-2	11/9/2004	12-18"	Ra-226	94.0	pCi/g	Th-230	5.90	pCi/g	U-total	14.4	pCi/g			
4	Section 4 Pond Area		Section 4-13-3	11/9/2004	18-24"	Ra-226	9.3	pCi/g	Th-230	1.20	pCi/g	U-total	13.9	pCi/g			
4	Section 4 Pond Area		Section 4-14	11/9/2004	0-6"	Ra-226	4.4	pCi/g	Th-230	3.80	pCi/g	U-total	2.7	pCi/g			
4	Section 4 Pond Area		Section 4-15	11/9/2004	0-6"	Ra-226	3.9	pCi/g	Th-230	3.20	pCi/g	U-total	1.2	pCi/g			
4	Section 4 Pond Area		Section 4-16	11/9/2004	0-6"	Ra-226	1.1	pCi/g	Th-230	0.90	pCi/g	U-total	0.7	pCi/g			
4	Section 4 Pond Area		Section 4-17	11/9/2004	0-6"	Ra-226	1.6	pCi/g	Th-230	1.30	pCi/g	U-total	1.2	pCi/g			
4	Section 4 Pond Area		Section 4-18	11/9/2004	0-6"	Ra-226	1.3	pCi/g	Th-230	1.20	pCi/g	U-total	0.9	pCi/g			
4	Section 4 Pond Area		Section 4-19	11/9/2004	0-6"	Ra-226	7.2	pCi/g	Th-230	6.70	pCi/g	U-total	3.2	pCi/g			
4	Section 4 Pond Area		Section 4-20	11/9/2004	0-6"	Ra-226	2.8	pCi/g	Th-230	2.30	pCi/g	U-total	4.6	pCi/g			
4	Section 4 Pond Area		Section 4-21	11/9/2004	0-6"	Ra-226	3.1	pCi/g	Th-230	1.60	pCi/g	U-total	10.4	pCi/g			
4	Section 4 Pond Area		Section 4-22	11/9/2004	0-6"	Ra-226	27.0	pCi/g	Th-230	15.00	pCi/g	U-total	25.6	pCi/g			
4	Section 4 Pond Area		Section 4-23	11/9/2004	0-6"	Ra-226	0.9	pCi/g	Th-230	0.70	pCi/g	U-total	1.7	pCi/g			
4	Section 4 Pond Area		Section 4-24	11/9/2004	0-6"	Ra-226	5.7	pCi/g	Th-230	4.50	pCi/g	U-total	4.4	pCi/g			
4	Section 4 Pond Area		Section 4-25	11/9/2004	0-6"	Ra-226	1.2	pCi/g	Th-230	0.90	pCi/g	U-total	1.8	pCi/g			
4	Section 4 Pond Area		Section 4-26	11/9/2004	0-6"	Ra-226	2.5	pCi/g	Th-230	2.20	pCi/g	U-total	1.3	pCi/g			
4	Section 4 Pond Area		Section 4-27	11/9/2004	0-6"	Ra-226	4.0	pCi/g	Th-230	2.30	pCi/g	U-total	1.1	pCi/g			
4	Section 4 Pond Area		Section 4-28	11/9/2004	0-6"	Ra-226	59.0	pCi/g	Th-230	12.00	pCi/g	U-total	29.4	pCi/g			
4	Section 4 Pond Area		Section 4-29	11/9/2004	0-6"	Ra-226	84.0	pCi/g	Th-230	16.00	pCi/g	U-total	47.3	pCi/g			
4	Section 4 Pond Area		Section 4-30	11/9/2004	0-6"	Ra-226	14.0	pCi/g	Th-230	4.60	pCi/g	U-total	7.7	pCi/g			
4	Section 4 Pond Area		Section 4-31	11/9/2004	0-6"	Ra-226	4.6	pCi/g	Th-230	2.30	pCi/g	U-total	75.1	pCi/g			
4	Section 4 Pond Area		Section 4-32	11/9/2004	0-6"	Ra-226	9.2	pCi/g	Th-230	37.00	pCi/g	U-total	55.4	pCi/g			
4	Section 4 Pond Area		Section 4-33	11/9/2004	0-6"	Ra-226	2.8	pCi/g	Th-230	1.10	pCi/g	U-total	24.7	pCi/g			

Section	Location/ Sample Name	Surface Survey	Soil Samples	Data Date	Depth	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement	Analyte	Results	Measurement
4	Section 4 Pond Area		Section 4-34	11/9/2004	0-6"	Ra-226	6.1	pCi/g	Th-230	1.70	pCi/g	U-total	71.8	pCi/g			
4	Section 4 Pond Area		Section 4-35	11/9/2004	0-6"	Ra-226	2.2	pCi/g	Th-230	1.90	pCi/g	U-total	3.8	pCi/g			
30	Q-21	Walking Gamma	Q-21	6/22/2000	Surface	Gamma (Walking)	36944.0	cpm	Ra-226	1.70	pCi/g						
30	R-21	Walking Gamma	R-21	8/1/2000	Surface	Gamma (Walking)	35358.0	cpm	Ra-226	4.26	pCi/g	Th-230	11.1	pCi/g	Uranium-1	5.98	pCi/g
30	S-21	Walking Gamma	S-21	5/1/2001	Surface	Gamma (Walking)	27956.0	cpm	Ra-226	2.92	pCi/g	Th-230	6.15	pCi/g	Uranium-1	2.51	pCi/g
30	S-22	Walking Gamma	S-22	6/22/2000	Surface	Gamma (Walking)	32755.0	cpm	Ra-226	3.77	pCi/g	Th-230	7.19	pCi/g	Uranium-1	5.15	pCi/g
30	T-21	Walking Gamma	T-21	6/22/2000	Surface	Gamma (Walking)	23005.0	cpm	Ra-226	0.76	pCi/g	Th-230	2.29	pCi/g	Uranium-1	0.55	pCi/g
30	T-21-SE	Walking Gamma	T-21-SE	7/25/2001	Surface	Gamma (Walking)	16412.0	cpm	Ra-226	0.90	pCi/g	Th-230	4.1	pCi/g	Uranium-1	0.94	pCi/g
30	T-22	Walking Gamma	T-22	5/1/2001	Surface	Gamma (Walking)	35172.0	cpm	Ra-226	3.60	pCi/g	Th-230	10.1	pCi/g	Uranium-1	2.28	pCi/g

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	1				Characterization Report for the Section 35 and 36 Mine Drainage, November 2005, Environmental Restoration Group, Inc (ERG)	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	2				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	3				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	4				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	5				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	7				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	8				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	9				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
4	10				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	11				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	12				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
11	13				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	14				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	18				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	19				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	20				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	21				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	23				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	24				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	25				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	26				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	27				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	28				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	29				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	30				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	31				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	32				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	33				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
4	34				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
11	35				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
11	36				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
3	37				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
11	38				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
4	39				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
35	40				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
35	41				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
35	42				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	43				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	44				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	45				November 2005, ERG	Hard copy map	Can be	Table 2.2-1, Figure 2.2-1
2	Test Pit No. 1				November 2005, ERG			Table 2.3-1, Figure 2.2-1
2	Test Pit No. 1				November 2005, ERG			
2	Test Pit No. 1				November 2005, ERG			
2	Test Pit No. 1				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 1				November 2005, ERG			
2	Test Pit No. 2				November 2005, ERG			
2	Test Pit No. 2				November 2005, ERG			
2	Test Pit No. 3				November 2005, ERG			
2	Test Pit No. 3				November 2005, ERG			
2	Test Pit No. 3				November 2005, ERG			
2	Test Pit No. 3				November 2005, ERG			
3	Test Pit No. 4				November 2005, ERG			
3	Test Pit No. 4				November 2005, ERG			
3	Test Pit No. 4				November 2005, ERG			
3	Test Pit No. 4				November 2005, ERG			
2	Test Pit No. 5				November 2005, ERG			
2	Test Pit No. 5				November 2005, ERG			
2	Test Pit No. 5				November 2005, ERG			
2	Test Pit No. 5				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 5				November 2005, ERG			
2	Test Pit No. 5				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 6				November 2005, ERG			
2	Test Pit No. 7				November 2005, ERG			
2	Test Pit No. 7				November 2005, ERG			
2	Test Pit No. 7				November 2005, ERG			
2	Test Pit No. 7				November 2005, ERG			
3	Test Pit No. 8				November 2005, ERG			
3	Test Pit No. 8				November 2005, ERG			
3	Test Pit No. 8				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
3	Test Pit No. 8				November 2005, ERG			
3	Test Pit No. 8				November 2005, ERG			
2	Test Pit No. 9				November 2005, ERG			
2	Test Pit No. 9				November 2005, ERG			
2	Test Pit No. 9				November 2005, ERG			
2	Test Pit No. 9				November 2005, ERG			
4	Test Pit No. 10				November 2005, ERG			
4	Test Pit No. 10				November 2005, ERG			
4	Test Pit No. 10				November 2005, ERG			
4	Test Pit No. 10				November 2005, ERG			
3	Test Pit No. 11				November 2005, ERG			
3	Test Pit No. 11				November 2005, ERG			
3	Test Pit No. 11				November 2005, ERG			
3	Test Pit No. 11				November 2005, ERG			
3	Test Pit No. 12				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
3	Test Pit No. 12				November 2005, ERG			
3	Test Pit No. 12				November 2005, ERG			
3	Test Pit No. 12				November 2005, ERG			
11	Test Pit No. 13				November 2005, ERG			
11	Test Pit No. 13				November 2005, ERG			
3	Test Pit No. 14				November 2005, ERG			
3	Test Pit No. 14				November 2005, ERG			
3	Test Pit No. 14				November 2005, ERG			
3	Test Pit No. 14				November 2005, ERG			
2	Test Pit No. 15				November 2005, ERG			
2	Test Pit No. 15				November 2005, ERG			
2	Test Pit No. 15				November 2005, ERG			
2	Test Pit No. 16				November 2005, ERG			
2	Test Pit No. 16				November 2005, ERG			
2	Test Pit No. 16				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 16				November 2005, ERG			
2	Test Pit No. 17				November 2005, ERG			
2	Test Pit No. 17				November 2005, ERG			
2	Test Pit No. 17				November 2005, ERG			
2	Test Pit No. 17				November 2005, ERG			
2	Test Pit No. 18				November 2005, ERG			
2	Test Pit No. 18				November 2005, ERG			
2	Test Pit No. 18				November 2005, ERG			
2	Test Pit No. 18				November 2005, ERG			
2	Test Pit No. 20				November 2005, ERG			
2	Test Pit No. 20				November 2005, ERG			
2	Test Pit No. 20				November 2005, ERG			
2	Test Pit No. 20				November 2005, ERG			
2	Test Pit No. 21				November 2005, ERG			
2	Test Pit No. 21				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 21				November 2005, ERG			
2	Test Pit No. 21				November 2005, ERG			
2	Test Pit No. 21				November 2005, ERG			
2	Test Pit No. 21				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 22				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 23				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 24				November 2005, ERG			
2	Test Pit No. 25				November 2005, ERG			
2	Test Pit No. 25				November 2005, ERG			
2	Test Pit No. 25				November 2005, ERG			
2	Test Pit No. 25				November 2005, ERG			
2	Test Pit No. 25				November 2005, ERG			
2	Test Pit No. 26				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 26				November 2005, ERG			
2	Test Pit No. 26				November 2005, ERG			
3	Test Pit No. 27				November 2005, ERG			
3	Test Pit No. 27				November 2005, ERG			
3	Test Pit No. 27				November 2005, ERG			
3	Test Pit No. 27				November 2005, ERG			
3	Test Pit No. 28				November 2005, ERG			
3	Test Pit No. 28				November 2005, ERG			
3	Test Pit No. 28				November 2005, ERG			
3	Test Pit No. 28				November 2005, ERG			
2	Test Pit No. 29				November 2005, ERG			
2	Test Pit No. 29				November 2005, ERG			
2	Test Pit No. 29				November 2005, ERG			
2	Test Pit No. 29				November 2005, ERG			
2	Test Pit No. 29				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 29				November 2005, ERG			
2	Test Pit No. 30				November 2005, ERG			
2	Test Pit No. 30				November 2005, ERG			
2	Test Pit No. 30				November 2005, ERG			
2	Test Pit No. 30				November 2005, ERG			
3	Test Pit No. 31				November 2005, ERG			
3	Test Pit No. 31				November 2005, ERG			
3	Test Pit No. 31				November 2005, ERG			
3	Test Pit No. 31				November 2005, ERG			
2	Test Pit No. 32				November 2005, ERG			
2	Test Pit No. 32				November 2005, ERG			
2	Test Pit No. 32				November 2005, ERG			
2	Test Pit No. 32				November 2005, ERG			
2	Test Pit No. 33				November 2005, ERG			
2	Test Pit No. 33				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 33				November 2005, ERG			
2	Test Pit No. 33				November 2005, ERG			
2	Test Pit No. 33				November 2005, ERG			
2	Test Pit No. 33				November 2005, ERG			
4	Test Pit No. 34				November 2005, ERG			
4	Test Pit No. 34				November 2005, ERG			
4	Test Pit No. 34				November 2005, ERG			
4	Test Pit No. 34				November 2005, ERG			
11	Test Pit No. 35				November 2005, ERG			
11	Test Pit No. 35				November 2005, ERG			
11	Test Pit No. 35				November 2005, ERG			
11	Test Pit No. 35				November 2005, ERG			
11	Test Pit No. 36				November 2005, ERG			
11	Test Pit No. 36				November 2005, ERG			
3	Test Pit No. 37				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
3	Test Pit No. 37				November 2005, ERG			
3	Test Pit No. 37				November 2005, ERG			
3	Test Pit No. 37				November 2005, ERG			
11	Test Pit No. 38				November 2005, ERG			
11	Test Pit No. 38				November 2005, ERG			
4	Test Pit No. 39				November 2005, ERG			
4	Test Pit No. 39				November 2005, ERG			
4	Test Pit No. 39				November 2005, ERG			
4	Test Pit No. 39				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 40				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
35	Test Pit No. 40				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 41				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
35	Test Pit No. 42				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 44				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 45				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
2	Test Pit No. 46				November 2005, ERG			
30	Section 30 Mine				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	No	Fig. 3-1, Table 3-2
30	1				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	2				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	3				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	4				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	5				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	6				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	7				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	8				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	9				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	10				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	11				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30	12				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	13				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	14				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	15				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	16				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	17				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	18				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	19				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	20				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	21				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	22				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	23				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	24				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	25				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	26				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	27				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	28				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	29				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	30				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	31				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	32				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	33				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30	34				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	35				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	36				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	37				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	38				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	39				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	40				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	41				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	42				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	43				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	44				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	45				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	46				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	47				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	48				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	49				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	50				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	51				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	52				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	53				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	54				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30	55				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	56				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	57				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	58				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	59				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	60				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	61				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	62				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	63				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	64				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	65				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	66				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	67				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	68				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	69				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	70				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	71				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	72				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	73				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30	74				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	75				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	76				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	77				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	78				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	79				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	80				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	81				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	82				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	83				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	84				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	85				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	86				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	87				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	88				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	89				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	90				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	91				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	92				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30	93				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	94				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	95				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	96				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	97				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	98				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	99				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	100				EPA Documented Release Sampling Report, Section 30, September 2013	Hard copy map	Can be	Fig. 3-1 and Fig. 3-2, Table 3-2, Table 3-3
30	BKGD				EPA Documented Release Sampling Report, Section 30, September 2013			
17	Section 17				Section 17 - Reclamation 1992.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 50 ft grid surveys completed after reclamation (placing alluvial cover over areas exceeding 57 μR/hr + 20 μR/hr background)
17	Section 17				Section 17 - Reclamation 1992.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 50 ft grid surveys completed after reclamation (placing alluvial cover over areas exceeding 57 μR/hr + 20 μR/hr background)
22	Section 22 Mine				Section 22 - Reclamation 1992.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 50 ft grid surveys completed after reclamation (placing alluvial cover over areas exceeding 57 μR/hr + 20 μR/hr background)
22	Section 22 Mine				Section 22 - Reclamation 1992.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 50 ft grid surveys completed after reclamation (placing alluvial cover over areas exceeding 57 μR/hr + 20 μR/hr background)
22	Section 22 Mine				Section 22 - Reclamation 1992.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 50 ft grid surveys completed after reclamation (placing alluvial cover over areas exceeding 57 μR/hr + 20 μR/hr background)

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
24	Section 24 mine				Section 24 - Reclamation 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 13 samples collected from the borrow area for the Section 24 reclamation
24	Section 24 mine				Section 24 - Reclamation 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 13 samples collected from the borrow area for the Section 24 reclamation
24	Section 24 mine				Section 24 - Reclamation 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 13 samples collected from the borrow area for the Section 24 reclamation
24	Section 24 mine				Section 24 - Reclamation 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 13 samples collected from the borrow area for the Section 24 reclamation
24	Section 24 mine				Section 24 - Survey - 2012.pdf - ?	Hard copy	No? - Will be very difficult	
24	Section 24 mine				Section 24 - Survey - 2012.pdf - ?	Hard copy	No? - Will be very difficult	
24	Section 24 mine				Section 24 - Survey - 2012.pdf - ?	Hard copy	No? - Will be very difficult	
24	Section 24 mine				Section 24 - Survey - 2012.pdf - ?	Hard copy	No? - Will be very difficult	
24	Section 24 mine				Section 24 - Survey - 2012.pdf - ?	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				Section 30 - August 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 7 samples collected from the borrow area for the Section 30 reclamation
30	Section 30 Mine				Section 30 - August 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 7 samples collected from the borrow area for the Section 30 reclamation
30	Section 30 Mine				Section 30 - August 1993.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 7 samples collected from the borrow area for the Section 30 reclamation
30	Section 30 Mine				Section 30 - May-2012.pdf - ?	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				Section 30 - May-2012.pdf - ?	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				Section 30 - May-2012.pdf - ?	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				Section 30 - May-2012.pdf - ?	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				Section 30 - May-2012.pdf - ?	Hard copy	No? - Will be very difficult	
30 W	Section 30 West Mine				Section 30W - June 1993 -- March 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 6 samples collected from the borrow area for the Section 30 West mine reclamation

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
30 W	Section 30 West Mine				Section 30W - June 1993 -- March 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 6 samples collected from the borrow area for the Section 30 West mine reclamation
30 W	Section 30 West Mine				Section 30W - June 1993 -- March 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 6 samples collected from the borrow area for the Section 30 West mine reclamation
30 W	Section 30 West Mine				Section 30W - June 1993 -- March 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 6 samples collected from the borrow area for the Section 30 West mine reclamation
33	Section 33 Mine				Section 33 - 1992.pdf - ?	Hard copy drawing	No? - Will be very difficult	
35	Section 35 Mine				Section 35 - 1993 - 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 12 samples collected from the borrow area for the Section 35 mine reclamation
35	Section 35 Mine				Section 35 - 1993 - 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 12 samples collected from the borrow area for the Section 35 mine reclamation
35	Section 35 Mine				Section 35 - 1993 - 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 12 samples collected from the borrow area for the Section 35 mine reclamation
35	Section 35 Mine				Section 35 - 1993 - 1994.pdf - Quivara Mining Company	Hard copy drawing	No? - Will be very difficult	Results are from 12 samples collected from the borrow area for the Section 35 mine reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
35	Section 35 Mine				Section35_1979.pdf and Section35_1979000.pdf - KERR-McGEE Nuclear Corporation	Hard copy drawing	No? - Will be very difficult	Results are from readings at 150 ft intervals over the old sandfill pond prior to reclamation
17	Section 17 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
17	Section 17 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
17	Section 17 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
17	Section 17 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
22	Section 22 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
22	Section 22 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
22	Section 22 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
22	Section 22 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	

Section	Location/ Sample Name	Analyte	Results	Measurement	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
24	Section 24 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	Section 30 Wastepile
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	Former Processing Pond Area
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	Former Processing Pond Area
30	Section 30 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	Former Processing Pond Area
30W	Section 30W Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30W	Section 30W Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30W	Section 30W Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
33	Section 33 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
33	Section 33 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
33	Section 33 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	

Section	Location/ Sample Name	Analyte	Results	Measurement	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
35	Section 35 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
35	Section 35 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
35	Section 35 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
35	Section 35 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
35	Section 35 Mine				2012-04-27_InspectionReport_MK009RE.pdf - BHP Billiton / Rio Algom - State of New Mexico Energy, Minerals and Natural Resources Department	Hard copy	No? - Will be very difficult	
30	Section 30	U-238	6.13	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	9.32	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	14.60	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	119.0	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	4.55	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	< 3.33	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	275.00	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Section 30	U-238	4.21	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Section 30 Wastepile
30	Section 30	U-238	< 2.18	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	1.69	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	1.53	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	2.10	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	2.14	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	2.59	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
19	Section 19	U-238	2.16	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	

Section	Location/ Sample Name	Analyte	Results	Measurement	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
19	Section 19	U-238	1.68	pCi/g	2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
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4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	

Section	Location/ Sample Name	Analyte	Results	Measure ment	Report Source	Maps (digital or hard copy)	Add to GIS?	Additional Information
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
4	Section 4 Pond Area				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	
30	Q-21				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	R-21				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	S-21				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	S-22				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	T-21				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	T-21-SE				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2
30	T-22				2004-11-09_RAML Soil Decommissioning Plan - BHP Billiton / KOMEX/ Rio Algom	Hard copy	Can be	Table 2-2, Figure 2-2

APPENDIX A

RAML Soil Survey Data and Reports (DVD)