

Table B33-2
SWMU B-33 Summary of Detected Constituents

		Soil Comparison Criteria							RW-B33-SB01				RW-B33-SB01				RW-B33-SB02				RW-B33-SB02				RW-B33-SB02			
									03/20/00				03/20/00				03/20/00				03/20/00				03/20/00			
									N1				N1				N1				FD1				N1			
									GR				GR				Kr				Kr				GR			
									4				8.5				4				4				11.5			
									4.5				9				4.5				4.5				12			
									Q1054				Q1055				Q1051				Q1052				Q1053			
		Lab MDL	Lab RL	Background ^a Kr	Background ^a BrE	Background ^a GR	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Diution	SQL	Results	Flags	Dilution	SQL
SW6010B (mg/kg)																												
Barium		0.04	1.0	279	460	10.4	200	59,000	100.4	M	5	5.0	3.2	F	5	5.0	110.0	M	1	1.0	89.0	M	1	1.0	3.1	F	5	5.0
Chromium		0.08	20.0	29.3	87	10.0	10	350,000	10.2	F	5	100.0	2.7	F	5	100.0	23.5		1	20.0	23.6		1	20.0	2.3	F	5	100.0
Copper		0.07	2.0	32.9	49	10.9	130	74,000	4.8	F	5	10.0	1.4	F	5	10.0	15.9		1	2.0	13.1		1	2.0	2.3	F	5	10.0
Nickel		0.12	2.0	72.7	99.5	7.34	200	12,000	9.9	M	5	10.0	4.4	F	5	10.0	16.3	M	1	2.0	14.4	M	1	2.0	4.1	F	5	10.0
Zinc		0.42	2.0	160	197	12.0	3,100	41,000	16.0	J	5	10.0	10.6	J	5	10.0	31.7	J	1	2.0	32.1	J	1	2.0	7.1	F	5	10.0
SW7060A (mg/kg)																												
Arsenic		0.032	0.5	13.4	36.1	3.86	5.	200.	3.12	J	1	0.5	1.01	J	1	0.5	3.53	J	1	0.5	3.39	J	1	0.5	0.70	J	1	0.5
SW7131A (mg/kg)																												
Cadmium		0.022	0.1	2.60	1.07	0.06	0.5	410.	0.27	M	1	0.1	0.022	R	1	0.1	0.42	M	1	0.1	0.27	M	1	0.1	0.022	R	1	0.1
SW7421 (mg/kg)																												
Lead		0.069	0.5	82.4	173	5.17	1.5	1,000	7.41	M	2	1.0	1.52		1	0.5	12.82	M	5	2.5	12.61	M	5	2.5	1.44		1	0.5

Tables present all laboratory results for analytes detected above the MDL.
Results from all laboratory analysis are presented in Appendix A.
All samples were analyzed by O'Brien and Gere Laboratory.
Referenced laboratory package numbers: O'Brien and Gere: 5054, 5075, 5090c
All MS/MSD results are presented in the Data Verification Report, Appendix D.

Abbreviations and Notes:

Highlighted and bolded sample concentrations exceed RRS1 and/ RRS2 Standards.
Boxed samples indicate results greater than RRS2 Standards.
a Background values from Revised Background Report, 2001
BrE Brackett
DL Dilution
FD1 Field Duplicate
GR Glen Rose
GWP-Ind Soil MSC based on groundwater protection
Kr Krum Complex
MDL Method Detection Limit
N1 Environmental Sample
NA Not Available
RL Reporting Limit
SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
SQL Sample Quantitation Limit

Data Qualifiers:

F - The analyte was positively identified, but the associated numerical value is below the RL.
J - The analyte was positively identified, the quantitation is an estimation.
M - A matrix effect was present.
R - The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.

Table B33-2
SWMU B-33 Summary of Detected Constituents

	Soil Comparison Criteria							RW-B33-SB03				RW-B33-SB03			
								03/20/00				03/20/00			
								N1				N1			
								BrE				GR			
								3.5				12			
								4				12.5			
								Q1056				Q1057			
	Lab MDL	Lab RL	Background ^a <i>Kr</i>	Background ^a <i>BrE</i>	Background ^a <i>GR</i>	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B (mg/kg)															
Barium	0.04	1.0	279	460	10.4	200	59,000	4.5	M	5	5.0	3.4	F	5	5.0
Chromium	0.08	20.0	29.3	87	10.0	10	350,000	3.7	F	5	100.0	2.5	F	5	100.0
Copper	0.07	2.0	32.9	49	10.9	130	74,000	1.6	F	5	10.0	1.5	F	5	10.0
Nickel	0.12	2.0	72.7	99.5	7.34	200	12,000	6.4	M	5	10.0	10.1	5	10.0	
Zinc	0.42	2.0	160	197	12.0	3,100	41,000	7.	F	5	10.0	9.1	F	5	10.0
SW7060A (mg/kg)															
Arsenic	0.032	0.5	13.4	36.1	3.86	5.	200.	1.63	J	1	0.5	1.69	J	1	0.5
SW7131A (mg/kg)															
Cadmium	0.022	0.1	2.60	1.07	0.06	0.5	410.	0.04	M	1	0.1	0.04	F	1	0.1
SW7421 (mg/kg)															
Lead	0.069	0.5	82.4	173	5.17	1.5	1,000	2.13	M	1	0.5	1.39		1	0.5

Tables present all laboratory results for analytes detected above the MDL.
Results from all laboratory analysis are presented in Appendix A.
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