

**Table B31-1  
SWMU B-31 Summary of Detected Constituents**

	Sample ID						RW-B31-SB01				RW-B31-SB01				RW-B31-SB02			
	Sample Date						03/13/00				03/13/00				03/13/00			
	Sample Type						N1				N1				N1			
	Soil Type						GR				GR				GR			
Beginning Depth						4.5				9.5				4.5				
Ending Depth						5				10				5				
Lab ID						Q0697				Q0698				Q0701				
Soil Comparison Criteria																		
Lab	Lab	Background <sup>a</sup>	Background <sup>a</sup>	RRS2-GWP	RRS2-SAI													
MDL	RL	Soil	GR	(Ind.)	(Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	
<b>SW6010B (mg/kg)</b>																		
Barium	0.044	1.0	186	10	200	59,000	3.3	F	5	5.0	5.8		5	5.0	8.7		5	5.0
Chromium	0.078	20.0	40.2	8.1	10	350,000	4.3	F	5	100.0	4.0	F	5	100.0	5.6	F	5	100.0
Copper	0.072	2.0	23.2	13.1	130	74,000	1.2	F	5	10.0	2.7	F	5	10.0	3.1	F	5	10.0
Nickel	0.118	2.0	35.5	6.8	200	12,000	2.5	F	5	10.0	3.9	F	5	10.0	4.4	F	5	10.0
Zinc	0.42	2.0	73.2	11.3	3,100	41,000	5.7	F	5	10.0	<b>21.2</b>	<b>B</b>	<b>5</b>	<b>10.0</b>	8.0	F	5	10.0
<b>SW7060A (mg/kg)</b>																		
Arsenic	0.032	0.5	19.6	3.8	5	200	1.33	J	1	0.5	2.58	J	1	0.5	2.34	J	1	0.5
<b>SW7131A (mg/kg)</b>																		
Cadmium	0.022	0.1	3.00	0.1	0.5	410	0.022	R	1	0.1	0.06	F	1	0.1	0.02	F	1	0.1
<b>SW7421 (mg/kg)</b>																		
Lead	0.069	0.5	84.5	5.5	1.5	1,000	2.03	J	1	0.5	3.13	J	1	0.5	3.19	J	1	0.5
<b>SW7471A (mg/kg)</b>																		
Mercury	0.024	0.1	0.77	0.1	0.2	9.6	0.030	F	1	0.1	0.030	F	1	0.1	0.024	U	1	0.1

Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix A. All samples were analyzed by APPL Laboratories and O'Brien and Gere. Referenced laboratory package numbers: APPL Inc.: 32207, 32237  
O'Brien and Gere: 4975, 5012  
All MS/MSD results are presented in the Data Verification Report, Appendix D.

**Abbreviations and Notes:**

- Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
- Boxed samples indicate results greater than RRS2 Standards.
- a Background values from Second Revision to the Evaluation of Background Metals Levels in Soils and Bedrock at CSSA (Parsons, 2002)
- No risk reduction standard or background level available
- 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
- RL Reporting Limit
- SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
- SQL Sample Quantitation Limit

**Table B31-1  
SWMU B-31 Summary of Detected Constituents**

	Sample ID						RW-B31-SB02				RW-B31-SB03				RW-B31-SB03			
	Sample Date						03/13/00				03/15/00				03/15/00			
	Sample Type						N1				N1				N1			
	Soil Type						GR				GR				GR			
Beginning Depth						9.5				4.5				9.5				
Ending Depth						10				5				10				
Lab ID						Q0702				Q0827				Q0828				
Soil Comparison Criteria																		
Lab	Lab	Background <sup>a</sup>	Background <sup>a</sup>	RRS2-GWP	RRS2-SAI													
MDL	RL	Soil	GR	(Ind.)	(Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	
<b>SW6010B (mg/kg)</b>																		
Barium	0.044	1.0	186	10	200	59,000	3.2	F	5	5.0	4.3	F	5	5.0	5.0	J	5	5.0
Chromium	0.078	20.0	40.2	8.1	10	350,000	3.4	F	5	100.0	3.6	F	5	100.0	3.9	F	5	100.0
Copper	0.072	2.0	23.2	13.1	130	74,000	2.9	F	5	10.0	1.5	F	5	10.0	3.7	F	5	10.0
Nickel	0.118	2.0	35.5	6.8	200	12,000	2.4	F	5	10.0	2.2	F	5	10.0	3.4	F	5	10.0
Zinc	0.42	2.0	73.2	11.3	3,100	41,000	<b>14.2</b>	<b>B</b>	<b>5</b>	<b>10.0</b>	7.2	F	5	10.0	8.7	F	5	10.0
<b>SW7060A (mg/kg)</b>																		
Arsenic	0.032	0.5	19.6	3.8	5	200	0.94	J	1	0.5	0.97	J	1	0.5	1.80	J	1	0.5
<b>SW7131A (mg/kg)</b>																		
Cadmium	0.022	0.1	3.00	0.1	0.5	410	0.022	R	1	0.1	0.022	U	1	0.1	0.022	U	1	0.1
<b>SW7421 (mg/kg)</b>																		
Lead	0.069	0.5	84.5	5.5	1.5	1,000	2.18	J	1	0.5	1.43	J	1	0.5	2.66	J	1	0.5
<b>SW7471A (mg/kg)</b>																		
Mercury	0.024	0.1	0.77	0.1	0.2	9.6	0.024	U	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1

Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix A. All samples were analyzed by APPL Laboratories and O'Brien and Gere. Referenced laboratory package numbers: APPL Inc.: 32207, 32237  
O'Brien and Gere: 4975, 5012  
All MS/MSD results are presented in the Data Verification Report, Appendix D.

**Abbreviations and Notes:**

- Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
- Boxed samples indicate results greater than RRS2 Standards.
- a Background values from Second Revision to the Evaluation of Background Metals Levels in Soils and Bedrock at CSSA (Parsons, 2002)
- No risk reduction standard or background level available
- 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
- RL Reporting Limit
- SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
- SQL Sample Quantitation Limit