

99SDRDMK02		
Mercury	0.185	mg/kg
Antimony	ND	(3.04 mg/kg)
Arsenic	12.4	mg/kg
Lead	4.68	mg/kg
Chromium	8.37	mg/kg

99SDRDMK01		
Mercury	55.5	mg/kg
Antimony	7.78	mg/kg
Arsenic	104	mg/kg
Lead	4.25	mg/kg
Chromium	15.3	mg/kg

(approximately 1,100 ft downstream from mouth of creek)

99SDRDMK01		
Mercury	166	mg/kg
Antimony	238	mg/kg
Arsenic	975	mg/kg
Lead	6.68	mg/kg
Chromium	18.8	mg/kg

99SDRDMK03-Background		
Mercury	0.138	mg/kg
Antimony	ND	(3.03 mg/kg)
Arsenic	7.1	mg/kg
Lead	8.37	mg/kg
Chromium	23.5	mg/kg

99SDRDMK02		
Mercury	48.4	mg/kg
Antimony	618	mg/kg
Arsenic	1,590	mg/kg
Lead	9.07	mg/kg
Chromium	24.9	mg/kg

99SDRDMK03		
Mercury	292	mg/kg
Antimony	963	mg/kg
Arsenic	2,030	mg/kg
Lead	12.7	mg/kg
Chromium	18.8	mg/kg

99SDRDMK04-QC		
Mercury	399	mg/kg
Antimony	809	mg/kg
Arsenic	1,940	mg/kg
Lead	11.3	mg/kg
Chromium	24.3	mg/kg

99SLRDM04		
Antimony	1,000	mg/kg
Arsenic	8,740	mg/kg
Mercury	311	mg/kg
Lead	9.76	mg/kg
Benzene	ND	(0.031 mg/kg)
Chromium	24.4	mg/kg

99SLRDM02		
Antimony	52.8	mg/kg
Arsenic	377	mg/kg
Mercury	100	mg/kg
Lead	16.3	mg/kg
Chromium	12.2	mg/kg

99SDRDMK05-Background		
Mercury	0.31	mg/kg
Antimony	18.4	mg/kg
Arsenic	61.8	mg/kg
Lead	7.76	mg/kg
Chromium	15.3	mg/kg

99SLRDM02		
Benzene	0.0988	mg/kg

99SLRDM01		
Antimony	13.4	mg/kg
Arsenic	66	mg/kg
Mercury	44	mg/kg
Lead	31.3	mg/kg
Benzene	ND	(0.037 mg/kg)
Chromium	15	mg/kg

99SLRDM01		
Antimony	503	mg/kg
Arsenic	498	mg/kg
Mercury	185	mg/kg
Lead	20.3	mg/kg
Benzene	ND	(0.047 mg/kg)
Chromium	255	mg/kg

99SDRDMR04		
Antimony	744	mg/kg
Arsenic	2,490	mg/kg
Mercury	11,200	mg/kg
Mercury	0.0026	mg/L (TCLP)
Lead	900	mg/kg
Chromium	23.5	mg/kg

99SDRDM03		
Antimony	83.8	mg/kg
Arsenic	229	mg/kg
Mercury	344	mg/kg
Lead	39.2	mg/kg
Benzene	ND	(0.049 mg/kg)
Chromium	17.9	mg/kg

99SLRDMR07		
Mercury	3,330	mg/kg

99SLRDMR06		
Mercury	4,010	mg/kg

99SLRDMR05		
Mercury	23,800	mg/kg
Mercury	0.0084	mg/L (TCLP)

99SLRDMC02		
Antimony	720	mg/kg
Arsenic	183	mg/kg
Mercury	35,300	mg/kg
Lead	37.7	mg/kg
Benzene	ND	(0.034 mg/kg)
Chromium	22.1	mg/kg

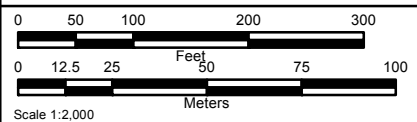
- Sample Location
- ▭ Debris Boundary
- ▭ Settling Pond
- ▭ Monofill
- ▭ Historical Structure

**Key**

mg/kg = milligrams per kilogram  
 ND = non-detect  
 TCLP = toxicity characteristic leaching procedure

**RED DEVIL MINE**  
 Red Devil, Alaska

**Figure 3-3**  
 1999 Surface Soil and Sediment Sample Results for Antimony, Arsenic, and Mercury



Source: HLA/Wilder 1999. Note: Sample locations are approximate.