

**Table 2 Summary of Sediment Analytical Results at SWMU B-20/21**

Sample ID	General Location	Nitroaromatics and Nitramines		Metals				
		HMX * SW8330 (mg/kg)	Arsenic SW7062 (mg/kg)	Barium SW6010 (mg/kg)	Cadmium SW6010 (mg/kg)	Chromium SW6010 (mg/kg)	Lead SW6010/SW7421 ** (mg/kg)	Mercury SW7471 (mg/kg)
B20-SE1	Intermittent Stream	NA	< 2.6	70	< 1.9	9.0	27	< 0.01
B20-SE2	Intermittent Stream	NA	< 2.5	62	<1.9	8.3	23	< 0.01
B20-SE3	Intermittent Stream	NA	< 3.2	86	< 2.4	5.8	21	< 0.01
B20-SE5	Former Crater 8	ND	< 2.3(J)	33	2.8	2.6(J)	80	0.39
B20-SE100 (dup of B20-SE5)	Former Crater 8	0.881(J)	< 2.3(J)	44	3.7 (dup) †	3.2(J)	110 (dup) †	0.46
B20-SE6	Intermittent Stream	ND	< 3.5	76	< 2.6	6.2	18	< 0.01
B20-SE7	Small Low Area Near Stream ††	0.670(J)	< 2.8	41	< 2.1	2.3	20	< 0.01
B20-SE8	Former Crater 12	ND	2.6	61	2.4	2.9	30	< 0.01
B20-SE9	Former Crater 13	ND	< 2.9	26	< 2.2	3.3	20	< 0.01
<b>CSSA Soil Background Concentrations (1)</b>		NA	19.6	186	3.00	40.2	84.5	0.77
<b>Ecological Benchmarks for Sediment (Freshwater) (2)</b>		NA	9.79	NA	0.99	43.4	35.8	0.18

- ☐ = Indicates the chemical was detected above both the background concentration and the ecological benchmark.
- † = Indicates the chemical was detected at a former crater; the craters were backfilled in 1997 and have not provided a surface water or sediment habitat since that time.
- †† = This small area does not sustain a surface water or sediment habitat.
- mg/kg = milligrams per kilogram.
- NA = Not analyzed.
- \* HMX, also called octogen or cyclotetramethylene-tetranitramine, was the only nitroamine detected.
- \*\* All samples were first analyzed for lead using method 6010. If no lead was detected, then the sample was analyzed for lead by methods 7420/7421, which have lower detection limits.

Note 1: Sample B20-SE4 was not collected.

Note 2: The "J" qualifier is used to indicate estimated results when analytes are detected at concentrations below the practical quantitation limits.

(1) CSSA Soil Background Concentrations. *Second Revision, Evaluation of Background Metals Concentrations in Soils and Bedrock at CSSA* . February 2002. Values from Table 3.3.

(2) Ecological Benchmarks for Sediment (Freshwater). *Update to Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas RG-263 (Revised)* . TCEQ, January 2006 Version. Values from Table 3-3.