

**Table 2**  
**Sediment and Soil Analytical Results Summary**

Analyte	CAS No.	Units	SE-BG-U		SE-BG-D		SE-01		SE-02		SE-03 (SE-02 dup)		SS-01	
			Background - Upstream		Background - Downstream		Downstream - Dam Area		Downstream - Culvert Area		Downstream - Culvert Area		Spill Location Soil	
Aluminum	7429-90-5	mg/kg	11000		11000		<b>12000</b>		<b>13000</b>		<b>14000</b>		<b>17000</b>	
Antimony	7440-36-0	mg/kg	0.15	J	0.26	J	<b>0.16</b>	J	<b>0.35</b>	J	<b>0.37</b>	J	<b>0.27</b>	J
Arsenic	7440-38-2	mg/kg	4		4		3.6		3.6		<b>4.2</b>		<b>4.3</b>	
Barium	7440-39-3	mg/kg	120		120		<b>140</b>		<b>140</b>		<b>150</b>		<b>180</b>	
Beryllium	7440-41-7	mg/kg	0.5		0.38		<b>0.53</b>		<b>0.51</b>		<b>0.55</b>		<b>0.57</b>	
Cadmium	7440-43-9	mg/kg	0.099	J	0.12	J	0.081	J	<b>0.15</b>	J	<b>0.19</b>	J	<b>0.11</b>	J
Chromium (Total)	7440-47-3	mg/kg	20		23		<b>23</b>		<b>24</b>		<b>26</b>		20	
Cobalt	7440-48-4	mg/kg	11		11		<b>12</b>		10		<b>13</b>		<b>15</b>	
Copper	7440-50-8	mg/kg	16		18		12		<b>24</b>		<b>27</b>		<b>22</b>	
Iron	7439-89-6	mg/kg	30000		24000		<b>27000</b>		<b>25000</b>		<b>25000</b>		<b>30000</b>	
Lead	7439-92-1	mg/kg	6.7		7.9		6		<b>9.7</b>		<b>11</b>		<b>13</b>	
Manganese	7439-96-5	mg/kg	350		410		<b>370</b>		240		250		<b>860</b>	
Nickel	7440-02-0	mg/kg	13		12		<b>14</b>		<b>13</b>		<b>15</b>		<b>17</b>	
Selenium	7782-49-2	mg/kg	2.5		3		<b>2.6</b>		<b>3.1</b>		<b>3.8</b>		<b>2.9</b>	
Silver	7440-22-4	mg/kg	0.022	J	0.03	J	0.019	J	<b>0.04</b>	J	<b>0.046</b>	J	<b>0.042</b>	J
Thallium	7440-28-0	mg/kg	0.083	J	0.092	J	0.076	J	<b>0.12</b>	J	<b>0.12</b>	J	<b>0.14</b>	J
Vanadium	7440-62-2	mg/kg	77		71		<b>84</b>		<b>77</b>		<b>84</b>		<b>86</b>	
Zinc	7440-66-6	mg/kg	260		160		<b>180</b>		<b>170</b>		<b>200</b>		86	

**Notes:**

**Bold results** = Result exceeds one or more of the analyte background concentrations.

dup = duplicate sample

mg/kg = milligrams per kilograms.

**Qualifiers:**

*J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value*