

TABLE 2  
 915-1 Inorganic Analytes - Soil Samples  
 T173-1 Preliminary Sampling 5/27

lab sdg	lab sdg
E5E0960	E5E0960

**Notes:**  
 Bold and Pink, Yellow, or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).  
 Pink cells indicate an exceedance of the Residential SSL also exceeds the Protection of Groundwater SSL except for benzo(a)pyrene.  
 NE indicates that SSLs have not been established for this parameter.  
 Pace National-Laboratory non-detections reported by the laboratory prior to 5/9/2025 are reported as less than ("<") the laboratory method detection limit. Pace National-Laboratory non-detections reported by the laboratory beginning on 5/9/2025 and Enthalpy - Laboratory non-detections are reported as less than ("<") the limit of quantitation. Non-detected Radium results depict activity of the result. Sampling and analysis is being performed in accordance with the approved ESAP.  
 NA represents non-detected results. Non-detected results and ancillary sample information can be found in laboratory PDF Reports.

ECMC = Colorado Energy and Carbon Management Commission  
 mg/kg = Milligrams per kilogram  
 mg/L = Milligrams per Liter  
 mmhos/cm = millimhos/centimeter  
 SU = Standard Units

**Data Qualifiers**  
 U: The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate, or was observed in a blank at a similar level.  
 R: The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.  
 J: The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.  
 J+: The result is an estimated quantity, but the result may be biased high.  
 J-: The result is an estimated quantity, but the result may be biased low.  
 UJ: The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

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**915-1 Inorganic Analytes - Soil Samples**  
**T173-1 Preliminary Sampling 5/27**

Sample ID	Location	Sample Date	Depth	Sample Purpose	Metals				SC	SAR	pH
					ARSENIC	BARIUM	BORON	SELENIUM	SPECIFIC CONDUCTIVITY	SODIUM ADSORPTION RATIO	PH, LAB
					mg/kg	mg/kg	mg/L	mg/kg	mmhos/cm	None	SU
<b>ECMC Table 915-1 Limits (Soil Suitability for Reclamation Screening Levels)</b>					<b>NE</b>	<b>NE</b>	<b>2</b>	<b>NE</b>	<b>4</b>	<b>6</b>	<b>6-8.3</b>
<b>ECMC Table 915-1 Limits (Residential SSL)</b>					<b>0.68</b>	<b>15000</b>	<b>NE</b>	<b>390</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>
<b>ECMC Table 915-1 Limits (Protection of Groundwater SSL)</b>					<b>0.29</b>	<b>82</b>	<b>NE</b>	<b>0.26</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>
GACO0527T173-1S001	T173-1S001	05/27/2025	0-0.3 feet	Assessment/Delineation	<b>3.65</b>	74.9	0.342	<b>0.311</b>	0.263	0.137 J	8.29

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