

TABLE 5  
 915-1 Soil Suitability for Reclamation Parameters - Soil Samples  
 T084 Comprehensive Sampling 5/15

lab sdg	lab sdg
E5E0527	E5E0527

**Notes:**  
 Bold and Yellow highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).  
 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.  
 Italic values indicate that the laboratory-reported method detection limit and/or quantitation limit associated with the non-detected result is higher than the threshold concentration.  
 Sampling and analysis is being performed in accordance with the approved ESAP.  
 ^Boron reported for Soil Suitability for Reclamation parameters was prepared by Hot Water Soluble or DTPA sorbitol methods.  
 Sodium Absorption Ratio (SAR) is a calculated result. Results are qualified/estimated if any of the compounds used in the calculation are qualified or are reported as not-detects.

ECMC = Colorado Energy and Carbon Management Commission  
 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.  
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Sample ID	Location	Sample Date	Depth	Sample Purpose	SC	Boron	SAR	pH
					SPECIFIC CONDUCTIVITY	BORON ^	SODIUM ADSORPTION RATIO	PH, LAB
					mmhos/cm	mg/L	None	SU
<b>ECMC Table 915-1 Limits (Soil Suitability for Reclamation Screening Levels)</b>					<b>4</b>	<b>2</b>	<b>6</b>	<b>6-8.3</b>
GACO0515T084CRS001	T084CRS001	05/15/2025	0-0.5 feet	Assessment/Delineation	0.78	1.35	0.211 J	8.19
GACO0515T084CRS002	T084CRS002	05/15/2025	0-0.5 feet	Assessment/Delineation	0.466	0.863	0.342 J	8.21
GACO0515T084CRS003	T084CRS003	05/15/2025	0-0.5 feet	Assessment/Delineation	0.479	1.13	0.543 J	8.29
GACO0515T084CRS004	T084CRS004	05/15/2025	0-0.5 feet	Assessment/Delineation	0.608	1.27	0.548 J	8.26
GACO0515T084CRS005	T084CRS005	05/15/2025	0-0.5 feet	Assessment/Delineation	0.247	0.338	0.0478 J	8.12
GACO0515T084CRS006	T084CRS006	05/15/2025	0-0.5 feet	Assessment/Delineation	1.06	1.53	0.799	<b>8.3</b>
GACO0515T084CRS007	T084CRS007	05/15/2025	0-0.5 feet	Assessment/Delineation	0.431	1.26	0.219 J	8.17
GACO0515T084CRS008	T084CRS008	05/15/2025	0-0.5 feet	Assessment/Delineation	0.242	0.241	0.146 J	8.1
GACO0515T084CRS009	T084CRS009	05/15/2025	0-0.5 feet	Assessment/Delineation	0.832	1.37	0.633	8.07
GACO0515T084CRS010	T084CRS010	05/15/2025	0-0.5 feet	Assessment/Delineation	0.418	1.51	0.17 J	8.13
GACO0515T084CRS010	T084CRS010	05/15/2025	0-0.5 feet	Assessment/Delineation	0.532	1.56	0.174 J	7.86
GACO0515T084CRS011	T084CRS011	05/15/2025	0-0.5 feet	Assessment/Delineation	1.49	1.7	0.282	7.99
GACO0515T084CRS012	T084CRS012	05/15/2025	0-0.5 feet	Assessment/Delineation	0.553	1.38	0.25 J	7.89
GACO0515T084CRS013	T084CRS013	05/15/2025	0-0.5 feet	Assessment/Delineation	0.307	0.612	0.184 J	8.12
GACO0515T084CRS014	T084CRS014	05/15/2025	0-0.5 feet	Assessment/Delineation	0.35	0.499	0.193 J	8.05
GACO0515T084CRS015	T084CRS015	05/15/2025	0-0.5 feet	Assessment/Delineation	0.346	0.514	0.448 J	<b>8.36</b>
GACO0515T084CRS016	T084CRS016	05/15/2025	0-0.5 feet	Assessment/Delineation	0.398	0.61	0.311 J	<b>8.3</b>
GACO0515T084CRS017	T084CRS017	05/15/2025	0-0.5 feet	Assessment/Delineation	0.297	0.428	0.195 J	8.04
GACO0515T084CRS018	T084CRS018	05/15/2025	0-0.5 feet	Assessment/Delineation	0.613	1.05	0.595	<b>8.39</b>

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