

TABLE 5
 915-1 Soil Suitability for Reclamation Parameters - Soil Samples
 T162 Grid Sampling 5/02

lab sdg	lab sdg
E5E0141	E5E0141

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.
 (DUP) indicates Field Duplicate Samples.
 ECMC = Colorado Energy and Carbon Management Commission

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.

Units:
 mg/L = Milligrams per Liter
 mmhos/cm = millimhos/centimeter
 SU = Standard Units

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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
ECMC Table 915-1 Limits (Soil Suitability for Reclamation Screening Levels)					4	2	6	6-8.3
GACO0502T162S001	T162S001	05/02/2025	0-0.5 feet	Assessment/Delineation	1.46	1.09	0.559	8.14
GACO0502T162S002	T162S002	05/02/2025	0-0.5 feet	Assessment/Delineation	0.658	0.884	0.552	8.14
GACO0502T162S003	T162S003	05/02/2025	0-0.5 feet	Assessment/Delineation	0.262	0.474	0.31 J	8.27
GACO0502T162S004	T162S004	05/02/2025	0-0.5 feet	Assessment/Delineation	1	0.735	0.404	7.9
GACO0502T162S005	T162S005	05/02/2025	0-0.5 feet	Assessment/Delineation	1.11	1.07	0.664	8.08
GACO0502T162S006	T162S006	05/02/2025	0-0.5 feet	Assessment/Delineation	1.66	0.977	0.516	7.91
GACO0502T162S007	T162S007	05/02/2025	0-0.5 feet	Assessment/Delineation	0.635	0.792	0.408	8.06
GACO0502T162S008	T162S008	05/02/2025	0-0.5 feet	Assessment/Delineation	0.485	0.676	0.418	8.14
GACO0502T162S009	T162S009	05/02/2025	0-0.5 feet	Assessment/Delineation	1.19	0.923	0.422	8.04
GACO0502T162C009	T162S009 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	1.48	0.913	0.477	8.05
GACO0502T162S010	T162S010	05/02/2025	0-0.5 feet	Assessment/Delineation	2.01	1.06	0.623	8.07
GACO0502T162S011	T162S011	05/02/2025	0-0.5 feet	Assessment/Delineation	2.69	1.02	2	8.02
GACO0502T162S012	T162S012	05/02/2025	0-0.5 feet	Assessment/Delineation	1.3	0.61	0.336	8.1
GACO0502T162S013	T162S013	05/02/2025	0-0.5 feet	Assessment/Delineation	5.1	1.19	3.42	8.14
GACO0502T162S014	T162S014	05/02/2025	0-0.5 feet	Assessment/Delineation	5.07	1.58	1.1	7.97
GACO0502T162S015	T162S015	05/02/2025	0-0.5 feet	Assessment/Delineation	0.73	0.699	1.07	7.83
GACO0502T162S016	T162S016	05/02/2025	0-0.5 feet	Assessment/Delineation	0.773	0.534	0.549	7.86
GACO0502T162C016	T162S016 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	0.813	0.468	0.522	7.81
GACO0502T162S017	T162S017	05/02/2025	0-0.5 feet	Assessment/Delineation	4.75	1.27	0.882	7.96

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