

TABLE 5
 915-1 Soil Suitability for Reclamation Parameters - Soil Samples
 T172-1 Comprehensive Sampling 6/19

| | |
|----------|----------|
| lab sdg | lab sdg |
| L1871603 | L1871603 |

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 | SAR | pH | Boron |
|--|--------------------|-------------|------------|------------------------|-----------------------|-------------------------|--------------|-------------------------|
| | | | | | SPECIFIC CONDUCTIVITY | SODIUM ADSORPTION RATIO | PH, LAB | HOT WATER SOLUBLE BORON |
| | | | | | mmhos/cm | None | SU | mg/L |
| ECMC Table 915-1 Limits (Soil Suitability for Reclamation Screening Levels) | | | | | 4 | 6 | 6-8.3 | 2 |
| GACO0619T172-1CRS001 | T172-1CRS001 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 1.17 | 0.83 | 7.49 | 0.488 |
| GACO0619T172-1CRS002 | T172-1CRS002 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.359 | 0.987 | 8.15 | 0.373 |
| GACO0619T172-1CRS003 | T172-1CRS003 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.246 | 1.42 | 8.41 | 0.356 |
| GACO0619T172-1CRS004 | T172-1CRS004 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.213 | 0.229 | 7.52 | 0.218 |
| GACO0619T172-1CRS004 | T172-1CRS004 (DUP) | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.235 | 0.233 | 7.55 | 0.363 |
| GACO0619T172-1CRS005 | T172-1CRS005 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.467 | 0.406 | 7.95 | 0.546 |
| GACO0619T172-1CRS006 | T172-1CRS006 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 5.29 | 2.02 | 7.03 | 1.7 |
| GACO0619T172-1CRS006 | T172-1CRS006 (DUP) | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 4.82 | 1.9 | 7.04 | 1.41 |
| GACO0619T172-1CRS007 | T172-1CRS007 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.978 | 0.884 | 7.71 | 1.05 |
| GACO0619T172-1CRS008 | T172-1CRS008 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.502 | 1.24 | 7.89 | 0.875 |
| GACO0619T172-1CRS009 | T172-1CRS009 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.771 | 0.629 | 7.47 | 1.23 |
| GACO0619T172-1CRS010 | T172-1CRS010 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.471 | 0.778 | 7.75 | 1.65 |
| GACO0619T172-1CRS011 | T172-1CRS011 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.593 | 0.826 | 7.79 | 0.17 |
| GACO0619T172-1CRS012 | T172-1CRS012 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.635 | 1.3 | 7.82 | 1.59 |
| GACO0619T172-1CRS013 | T172-1CRS013 | 06/19/2025 | 0-0.5 feet | Assessment/Delineation | 0.592 | 4.52 | 8.72 | 0.695 |

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