

TABLE 4  
 Additional Inorganic Analytes - Soil Samples  
 T137-1 Preliminary Sampling 5/14

lab sdg	lab sdg
L1858927	L1858927
L1858933	L1858933

**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 Risk-Based SSL also exceeds the MCL-based SSL except where the MCL-Based SSL exceeds the Risk-based limit.  
 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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Sample ID	Location	Sample Date	Depth	Sample Purpose	SM2540G	WBLACK	E901.1					SW6010	
					TOTAL SOLIDS	TOTAL ORGANIC CARBON	226RADIUM	Actinium-228 (Ra-228)	Bismuth-214 (Ra-226)	Lead-214	Thorium-234 (U-238)	ALUMINIUM	BERYLLIUM
					%	mg/kg	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	mg/kg	mg/kg
<b>Risk-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	NE	30000	20
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	NE	NE	3.2
GACO0514T137-1S001	T137-1S001	05/14/2025	0-0.5 feet	Assessment/Delineation	88	21200	0.795 U	0.994	0.976	1.13	-1.07 U	3930	0.421

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					CALCIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM	VANADIUM	TOTAL KJELDAHL NITROGEN	Total Nitrogen
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Risk-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	0.27	350	NE	28	NE	86	NE	NE
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	NE	NE	NE
GACO0514T137-1S001	T137-1S001	05/14/2025	0-0.5 feet	Assessment/Delineation	9920	3.47	6210	2020	195	1680	11.2	1100	1100 J

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