

TABLE 4  
Additional Inorganic Analytes - Soil Samples  
T024 Grid Sampling 5/21

lab sdg	lab sdg
L1861732	L1861732
L1861758	L1861758

**Notes:**  
 Bold and Pink, Yellow, or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).  
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 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	E901.1					SW6010		
					TOTAL SOLIDS	226RADIUM	Actinium-228 (Ra-228)	Bismuth-214 (Ra-226)	Lead-214	Thorium-234 (U-238)	ALUMINIUM	BERYLLIUM	CALCIUM
					%	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	mg/kg	mg/kg	mg/kg
<b>Risk-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	30000	20	NE
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	NE	3.2	NE
GACO0521T024S001	T024S001	05/21/2025	0-0.5 feet	Assessment/Delineation	92.9	1.17 U	0.895	0.563	0.824	1.35 U	3040	0.457	15800

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					CHROMIUM	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>					<b>NE</b>	<b>0.27</b>	<b>350</b>	<b>NE</b>	<b>28</b>	<b>NE</b>	<b>86</b>	<b>NE</b>	<b>NE</b>
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					<b>180000</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>
GACO0521T024S001	T024S001	05/21/2025	0-0.5 feet	Assessment/Delineation	3.75	3.55	4770	1840	185	1800	11.2	1160	1170 J

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