

TABLE 4  
 Additional Inorganic Analytes - Soil Samples  
 T129-1 Preliminary Sampling 5/02

lab sdg	lab sdg
L1854739	L1854739
L1854753	L1854753

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ECMC = Colorado Energy and Carbon Management Commission  
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**Data Qualifiers**  
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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
GACO0502T129-1S001	T129-1S001	05/02/2025	0-0.5 feet	Assessment/Delineation	92.1	4550	0.738 U	0.814	0.884	0.873	-1.09 U	3980	0.428

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					CALCIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM	SODIUM	VANADIUM	TOTAL KJELDAHL 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	NE	86	NE
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					NE	NE	NE	NE	NE	NE	NE	NE	NE
GACO0502T129-1S001	T129-1S001	05/02/2025	0-0.5 feet	Assessment/Delineation	23400	3.87	7450	4280	213	1590	97.8 J	12.4	451 J-

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Sample ID	Location	Sample Date	Depth	Sample Purpose	SW9056	CALC
					NITRATE/NITRITE	Total Nitrogen
					mg/kg	mg/kg
<b>Risk-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					<b>NE</b>	<b>NE</b>
<b>MCL-Based EPA Regional Screening Levels for Resident Soil to Groundwater</b>					<b>NE</b>	<b>NE</b>
GACO0502T129-1S001	T129-1S001	05/02/2025	0-0.5 feet	Assessment/Delineation	<3.84 U	455 J

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