

TABLE 4
 Additional Inorganic Analytes - Soil Samples
 T166 Preliminary Sampling 5/20

lab sdg	lab sdg
L1861406	L1861406
L1861408	L1861408

Notes:

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 (DUP) indicates Field Duplicate Samples.
 Uranium-238 is measured by its daughter isotope, Thorium-234.
 Radium-228 is measured by its daughter isotope, Actinium-228.
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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.
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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
EPA Residential Soil Screening Level (RSSL)					NE	NE	NE	NE	NE	NE	NE	77000	160
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					NE	NE	NE	NE	NE	NE	NE	30000 (R)	3.2 (M)
GACO0520T166S001	T166S001	05/20/2025	0-0.5 feet	Assessment/Delineation	86.5	8590	1.77	0.89	0.806	0.745	1.96 U	4230	0.459

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					CALCIUM	CHROMIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM	VANADIUM	TOTAL KJELDAHL NITROGEN
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EPA Residential Soil Screening Level (RSSL)					NE	NE	23	55000	NE	1800	NE	390	NE
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					NE	180000 (M)	0.27 (R)	350 (R)	NE	28 (R)	NE	86 (R)	NE
GACO0520T166S001	T166S001	05/20/2025	0-0.5 feet	Assessment/Delineation	17600	5.93	3.68	8610	3000	258	2250	11.8	1530

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Sample ID	Location	Sample Date	Depth	Sample Purpose	CALC
					TOTAL NITROGEN
					mg/kg
EPA Residential Soil Screening Level (RSSL)					NE
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					NE
GACO0520T166S001	T166S001	05/20/2025	0-0.5 feet	Assessment/Delineation	1440 J

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