

TABLE 4
Additional Inorganic Analytes - Soil Samples
T031 Grid Sampling 4/30

lab sdg	lab sdg
L1853786	L1853786
L1853792	L1853792

Notes:
 Bold and Pink highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL). Bold and Purple highlighted soil analytical values indicate an exceedance of the Site-Specific Background Concentration (SSBC).
 Results compared to the approved SSBC from *Derivation of Site-specific Soil Inorganic Background Concentrations* (December 11, 2025). Results must exceed the SSBC to be flagged as an exceedance.
 Inorganic SSLs are based on target cancer risk (TR) of 10-6 (OR 1E-06) and target hazard quotient (THQ) of 1.0.
 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.
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 (DUP) indicates Field Duplicate Samples.

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.
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Units:
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Sample ID	Location	Sample Date	Depth	Sample Purpose	WBLACK	SW6010							
					TOTAL ORGANIC CARBON	ALUMINUM	BERYLLIUM	CALCIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM
					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	77000	160	NE	23	55000	NE	1800	NE
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					NE	30000 (R)	3.2 (M)	NE	0.27 (R)	350 (R)	NE	28 (R)	NE
Site-Specific Background Concentration (SSBC)					NE	NE	NE	NE	NE	NE	NE	NE	NE
GACO0430T031S001	T031S001	04/30/2025	0-0.5 feet	Assessment/Delineation	28500	2880	0.494	4350	3.63	2810	1700	209	1920
GACO0430T031S002	T031S002	04/30/2025	0-0.5 feet	Assessment/Delineation	8760	331	0.0879 J	16600	0.889 J	865	596	93.5	471
GACO0430T031S003	T031S003	04/30/2025	0-0.5 feet	Assessment/Delineation	15900	1330	0.363	5600	3.88	2980	3140	180	804
GACO0430T031S004	T031S004	04/30/2025	0-0.5 feet	Assessment/Delineation	26900	1640	0.409	11400	2.62	1820	1710	133	1200
GACO0430T031S005	T031S005	04/30/2025	0-0.5 feet	Assessment/Delineation	92500	1810 J	0.375 J	26300	4.31	5290 J-	4070	440 J-	6050
GACO0430T031S006	T031S006	04/30/2025	0-0.5 feet	Assessment/Delineation	17400	2380 J	0.418	4470	4.4	2800 J-	1510	213 J-	1860
GACO0430T031S007	T031S007	04/30/2025	0-0.5 feet	Assessment/Delineation	35600	3140 J	0.561	8720	4.67	3860 J-	2250	306 J-	2390

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Sample ID	Location	Sample Date	Depth	Sample Purpose	SW6010
					SODIUM
					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
Site-Specific Background Concentration (SSBC)					NE
GACO0430T031S001	T031S001	04/30/2025	0-0.5 feet	Assessment/Delineation	83.4 J
GACO0430T031S002	T031S002	04/30/2025	0-0.5 feet	Assessment/Delineation	<42.7 U
GACO0430T031S003	T031S003	04/30/2025	0-0.5 feet	Assessment/Delineation	959
GACO0430T031S004	T031S004	04/30/2025	0-0.5 feet	Assessment/Delineation	91.9 J
GACO0430T031S005	T031S005	04/30/2025	0-0.5 feet	Assessment/Delineation	3270
GACO0430T031S006	T031S006	04/30/2025	0-0.5 feet	Assessment/Delineation	144
GACO0430T031S007	T031S007	04/30/2025	0-0.5 feet	Assessment/Delineation	225

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