

TABLE 4  
Additional Inorganic Analytes - Soil Samples  
T055 Grid Sampling 6/11

lab sdg	lab sdg
L1868883	L1868883

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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>EPA Residential Soil Screening Level (RSSL)</b>					<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>77000</b>	<b>160</b>
<b>EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based</b>					<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>30000 (R)</b>	<b>3.2 (M)</b>
GACO0611T055S002	T055S002	06/11/2025	0-0.3 feet	Assessment/Delineation	81	16900	2	1.04	1.02	1.06	1.51 U	3840	0.429
GACO0611T055S003	T055S003	06/11/2025	0-0.5 feet	Assessment/Delineation	70.1	22300	0.762 U	0.712	0.59	0.472	0.123 U	4460	0.546
GACO0611T055S004	T055S004	06/11/2025	0-0.5 feet	Assessment/Delineation	94.1	12500	0.996 U	0.995	0.753	0.786	1.38	4670	0.455

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					CALCIUM	CHROMIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM	SODIUM	VANADIUM
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>EPA Residential Soil Screening Level (RSSL)</b>					NE	NE	23	55000	NE	1800	NE	NE	390
<b>EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based</b>					NE	180000 (M)	0.27 (R)	350 (R)	NE	28 (R)	NE	NE	86 (R)
GACO0611T055S002	T055S002	06/11/2025	0-0.3 feet	Assessment/Delineation	10300	4.48	<b>3.7</b>	<b>9260</b>	1960	<b>235</b>	2000	212	11.4
GACO0611T055S003	T055S003	06/11/2025	0-0.5 feet	Assessment/Delineation	6590	4.56	<b>2.9</b>	<b>7840</b>	1690	<b>176</b>	2000	<143 U	12.1
GACO0611T055S004	T055S004	06/11/2025	0-0.5 feet	Assessment/Delineation	4870	5.3	<b>3.44</b>	<b>7530</b>	1780	<b>200</b>	1770	<106 U	10.7

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					AMMONIA	TOTAL KJELDAHL NITROGEN	TOTAL NITROGEN
					mg/kg	mg/kg	mg/kg
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<b>EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based</b>					<b>NE</b>	<b>NE</b>	<b>NE</b>
GACO0611T055S002	T055S002	06/11/2025	0-0.3 feet	Assessment/Delineation	35.2	1770	1880 J
GACO0611T055S003	T055S003	06/11/2025	0-0.5 feet	Assessment/Delineation	<14.3 U	1700	1700 J
GACO0611T055S004	T055S004	06/11/2025	0-0.5 feet	Assessment/Delineation	<10.6 U	1180	1180 J

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