

TABLE 4  
 Additional Inorganic Analytes - Soil Samples  
 T172-1 Comprehensive Sampling 6/19

lab sdg	lab sdg
L1871603	L1871603

**Notes:**

Bold and Pink or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).  
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 Uranium-238 is measured by its daughter isotope, Thorium-234.  
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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>
GACO0619T172-1CRS001	T172-1CRS001	06/19/2025	0-0.5 feet	Assessment/Delineation	85.6	36300	0.733 U	0.786	0.551	0.755	-2.61 U	3990	0.413
GACO0619T172-1CRS002	T172-1CRS002	06/19/2025	0-0.5 feet	Assessment/Delineation	92.8	6750	0.845 U	0.97	0.768	0.68	0.915 U	3150	0.318
GACO0619T172-1CRS003	T172-1CRS003	06/19/2025	0-0.5 feet	Assessment/Delineation	90.9	2330	1.17	0.822	0.531	0.519	0.703 U	1720	<0.22 U
GACO0619T172-1CRS004	T172-1CRS004	06/19/2025	0-0.5 feet	Assessment/Delineation	93.2	4490	1.11 U	1.56	0.982	0.944	0.417 U	1870	<0.215 U
GACO0619T172-1CRC004	T172-1CRS004 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	93.5	3750	1.26	1.3	0.976	0.79	0.739 U	2160	<0.214 U
GACO0619T172-1CRS005	T172-1CRS005	06/19/2025	0-0.5 feet	Assessment/Delineation	88.1	18400	1.58	1.03	0.911	1.02	0.689 U	6330	0.554
GACO0619T172-1CRS006	T172-1CRS006	06/19/2025	0-0.5 feet	Assessment/Delineation	89.8	35100	0.235 UJ	0.837	0.918 J	1.26	-1.66 U	4270	0.446
GACO0619T172-1CRC006	T172-1CRS006 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	89.8	39200	2.05 J	0.808	1.51 J	1.28	1.03 U	3540	0.445
GACO0619T172-1CRS007	T172-1CRS007	06/19/2025	0-0.5 feet	Assessment/Delineation	86.3	35500	1.56	0.98	1.06	0.701	0.677 U	4030	0.434
GACO0619T172-1CRS008	T172-1CRS008	06/19/2025	0-0.5 feet	Assessment/Delineation	86.8	21000	1.12 U	1.07	1.03	0.784	1.04 U	5780	0.569
GACO0619T172-1CRS009	T172-1CRS009	06/19/2025	0-0.5 feet	Assessment/Delineation	78.1	62600	1.38 U	1.19	0.672	0.705	2.33	4040	0.431
GACO0619T172-1CRS010	T172-1CRS010	06/19/2025	0-0.5 feet	Assessment/Delineation	83.2	21500	1.23	1.17	1.03	0.873	1.61 U	6220	0.64
GACO0619T172-1CRS011	T172-1CRS011	06/19/2025	0-0.5 feet	Assessment/Delineation	96.4	3290	1.18 U	0.953	0.791	0.694	0.73 U	1150	<0.208 U
GACO0619T172-1CRS012	T172-1CRS012	06/19/2025	0-0.5 feet	Assessment/Delineation	88.5	30600	1.11 U	1.09	0.84	1.06	0.762 U	6020	0.596
GACO0619T172-1CRS013	T172-1CRS013	06/19/2025	0-0.5 feet	Assessment/Delineation	97.2	1190	1.06 U	0.892	0.566	0.731	1.42 U	1770	<0.206 U

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**T172-1 Comprehensive Sampling 6/19**

Sample ID	Location	Sample Date	Depth	Sample Purpose	SW6010								
					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>					<b>NE</b>	<b>NE</b>	<b>23</b>	<b>55000</b>	<b>NE</b>	<b>1800</b>	<b>NE</b>	<b>NE</b>	<b>390</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>180000 (M)</b>	<b>0.27 (R)</b>	<b>350 (R)</b>	<b>NE</b>	<b>28 (R)</b>	<b>NE</b>	<b>NE</b>	<b>86 (R)</b>
GACO0619T172-1CRS001	T172-1CRS001	06/19/2025	0-0.5 feet	Assessment/Delineation	7800	5.13	3.16	6310	2430 J-	282	2610 J-	128	10.7
GACO0619T172-1CRS002	T172-1CRS002	06/19/2025	0-0.5 feet	Assessment/Delineation	5890	3.84	2.6	5090	1680 J-	167	1350 J-	<108 U	9.06
GACO0619T172-1CRS003	T172-1CRS003	06/19/2025	0-0.5 feet	Assessment/Delineation	4220	3.43	1.4	3120	945 J-	82.8	740 J-	141	6.53
GACO0619T172-1CRS004	T172-1CRS004	06/19/2025	0-0.5 feet	Assessment/Delineation	1370	3.44	1.69	3570	864 J-	96.4	1040 J-	<107 U	6.15
GACO0619T172-1CRC004	T172-1CRS004 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	1280	3.62	1.86	4040	971 J-	95.6	1190 J-	<107 U	6.4
GACO0619T172-1CRS005	T172-1CRS005	06/19/2025	0-0.5 feet	Assessment/Delineation	6190	6.97	4.89	8800	2820 J-	293	3150 J-	<113 U	15.9
GACO0619T172-1CRS006	T172-1CRS006	06/19/2025	0-0.5 feet	Assessment/Delineation	9370	5.65	3.76	6490	2860 J-	273	2990 J-	397	11.5
GACO0619T172-1CRC006	T172-1CRS006 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	8760	4.75	3.47	6350	2490 J-	267	2710 J-	370	11.9
GACO0619T172-1CRS007	T172-1CRS007	06/19/2025	0-0.5 feet	Assessment/Delineation	7460	5.37	3.51	6060	2490 J-	270	3260 J-	131	11.3
GACO0619T172-1CRS008	T172-1CRS008	06/19/2025	0-0.5 feet	Assessment/Delineation	10800	7.36	4.62	8550	3210 J-	305	2790 J-	210	15.2
GACO0619T172-1CRS009	T172-1CRS009	06/19/2025	0-0.5 feet	Assessment/Delineation	6670	5.09	3.61	6250	2300 J-	278	2570 J-	<128 U	11.3
GACO0619T172-1CRS010	T172-1CRS010	06/19/2025	0-0.5 feet	Assessment/Delineation	9190	7.69	5.17	9950	3220 J-	371	2830 J-	144	17.8
GACO0619T172-1CRS011	T172-1CRS011	06/19/2025	0-0.5 feet	Assessment/Delineation	998	1.79	1.06	2520	525 J-	56.8	632 J-	<104 U	4.39
GACO0619T172-1CRS012	T172-1CRS012	06/19/2025	0-0.5 feet	Assessment/Delineation	11700	7.53	4.9	8420	3530 J-	314	2500 J-	204	14.4
GACO0619T172-1CRS013	T172-1CRS013	06/19/2025	0-0.5 feet	Assessment/Delineation	2960	2.57	1.51	3800	1120 J-	98.5	836 J-	233	6.73

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Sample ID	Location	Sample Date	Depth	Sample Purpose	E350.1	SM4500-NORG-D	SW9056	CALC
					AMMONIA	TOTAL KJELDAHL NITROGEN	NITRATE/NITRITE	TOTAL NITROGEN
					mg/kg	mg/kg	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>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>
GACO0619T172-1CRS001	T172-1CRS001	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.7 U	4190	<23.4 U	4210 J
GACO0619T172-1CRS002	T172-1CRS002	06/19/2025	0-0.5 feet	Assessment/Delineation	<10.8 U	675	<22.2 U	675 J
GACO0619T172-1CRS003	T172-1CRS003	06/19/2025	0-0.5 feet	Assessment/Delineation	<11 U	134	<22.7 U	138 J
GACO0619T172-1CRS004	T172-1CRS004	06/19/2025	0-0.5 feet	Assessment/Delineation	<10.7 U	368	<22.1 U	373 J
GACO0619T172-1CRC004	T172-1CRS004 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	<10.7 U	375	<21.6 U	375 J
GACO0619T172-1CRS005	T172-1CRS005	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.3 U	1730	<23.4 U	1740 J
GACO0619T172-1CRS006	T172-1CRS006	06/19/2025	0-0.5 feet	Assessment/Delineation	17.4	3110	692	3800
GACO0619T172-1CRC006	T172-1CRS006 (DUP)	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.1 U	3360	597	3960
GACO0619T172-1CRS007	T172-1CRS007	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.6 U	3330	<23.2 U	3350 J
GACO0619T172-1CRS008	T172-1CRS008	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.5 U	2270	35.9	2310
GACO0619T172-1CRS009	T172-1CRS009	06/19/2025	0-0.5 feet	Assessment/Delineation	<12.8 U	2640	<25.6 U	2640 J
GACO0619T172-1CRS010	T172-1CRS010	06/19/2025	0-0.5 feet	Assessment/Delineation	<12 U	2370	<24 U	2380 J
GACO0619T172-1CRS011	T172-1CRS011	06/19/2025	0-0.5 feet	Assessment/Delineation	25.6	650	<21.6 U	665 J
GACO0619T172-1CRS012	T172-1CRS012	06/19/2025	0-0.5 feet	Assessment/Delineation	<11.3 U	2310	48.7	2360
GACO0619T172-1CRS013	T172-1CRS013	06/19/2025	0-0.5 feet	Assessment/Delineation	<10.3 U	178	<20.6 U	190 J

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