TABLE 4
Additional Inorganic Analytes - Soil Samples
T162 Grid Sampling 5/02

lab sdg	lab sdg
L1854734	L1854734
L1854743	L1854743

Notes:
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Uranium-238 is measured by its daughter isotope, Thorium-234.
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Units:
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mg/L = Milligrams per Liter
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Additional Inorganic Analytes - Soil Samples
T162 Grid Sampling 5/02

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)	ALUMINUM	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)**
GACO0502T162S001	T162S001	05/02/2025	0-0.5 feet	Assessment/Delineation	88.9	12000	2.01	0.783	0.67	0.703	-1.03 U	4430 J	0.413
GACO0502T162S002	T162S002	05/02/2025	0-0.5 feet	Assessment/Delineation	89.5	13000	1.43	1.12	0.839	0.743	0.744 U	4290 J	0.41
GACO0502T162S003	T162S003	05/02/2025	0-0.5 feet	Assessment/Delineation	90.5	11900	0.548 U	0.856	0.769	0.875	0.676 U	2190 J	0.242
GACO0502T162S004	T162S004	05/02/2025	0-0.5 feet	Assessment/Delineation	91	10800	0.961	0.754	0.601	0.8	0.996 U	3100 J	0.311
GACO0502T162S005	T162S005	05/02/2025	0-0.5 feet	Assessment/Delineation	89.2	14500	1.2 U	1.02	1.01	0.681	1.09 U	3690 J	0.687
GACO0502T162S006	T162S006	05/02/2025	0-0.5 feet	Assessment/Delineation	87.6	19200	1.39	0.867	0.784	0.85	1.56	3810 J	0.479
GACO0502T162S007	T162S007	05/02/2025	0-0.5 feet	Assessment/Delineation	90.8	22400	2.01	1.04	0.753	0.899	2.01	5390 J	0.553
GACO0502T162S008	T162S008	05/02/2025	0-0.5 feet	Assessment/Delineation	91	13400	1.33 U	0.727	0.811	0.672	0.386 U	2880 J	0.293
GACO0502T162S009	T162S009	05/02/2025	0-0.5 feet	Assessment/Delineation	90.8	18600	1.55	0.891	0.897	0.867	1.31 U	3650 J	0.387
GACO0502T162C009	T162S009 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	91.4	14500	0.935 U	0.83	0.663	0.877	0.316 U	3480 J	0.415
GACO0502T162S010	T162S010	05/02/2025	0-0.5 feet	Assessment/Delineation	90.7	13900	0.88 U	0.785	0.856	0.749	-0.738 U	4410 J	0.441
GACO0502T162S011	T162S011	05/02/2025	0-0.5 feet	Assessment/Delineation	90	9570	1.22	0.552	0.695	0.804	-0.18 U	2150 J	0.269
GACO0502T162S012	T162S012	05/02/2025	0-0.5 feet	Assessment/Delineation	92.1	9050	2	0.76	0.671	0.613	1.44 U	2600 J	0.258
GACO0502T162S013	T162S013	05/02/2025	0-0.5 feet	Assessment/Delineation	90	11300	1.43	0.695	0.748	0.788	0.687 U	1870 J	<0.222 U
GACO0502T162S014	T162S014	05/02/2025	0-0.5 feet	Assessment/Delineation	81.6	21100	1.83	1.17	0.904	0.883	-0.728 U	6920 J	0.704
GACO0502T162S015	T162S015	05/02/2025	0-0.5 feet	Assessment/Delineation	90.4	24800	1.14	0.634	0.625	0.642	0.355 U	3180 J	0.302
GACO0502T162S016	T162S016	05/02/2025	0-0.5 feet	Assessment/Delineation	89.4	12100	0.612 U	0.923	0.625	0.645	1.38 U	2800 J	0.281
GACO0502T162C016	T162S016 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	90.3	15000	1.34 U	0.768	0.728	0.657	0.189 U	3160 J	0.31
GACO0502T162S017	T162S017	05/02/2025	0-0.5 feet	Assessment/Delineation	72.2	27400	2.24	1.72	0.962	0.815	1.91	9230 J	0.937

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TABLE 4
Additional Inorganic Analytes - Soil Samples
T162 Grid Sampling 5/02

Sample ID	Location	Sample Date	Depth	Sample Purpose	SW6010								E350.1
					CALCIUM	COBALT	IRON	MAGNESIUM	MANGANESE	POTASSIUM	SODIUM	VANADIUM	AMMONIA
					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**	**23**	**55000**	**NE**	**1800**	**NE**	**NE**	**390**	**NE**
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					**NE**	**0.27 (R)**	**350 (R)**	**NE**	**28 (R)**	**NE**	**NE**	**86 (R)**	**NE**
GACO0502T162S001	T162S001	05/02/2025	0-0.5 feet	Assessment/Delineation	24200	**3.78**	**7520 J**	2720 J	**186**	1700	137	14.7	<11.3 U
GACO0502T162S002	T162S002	05/02/2025	0-0.5 feet	Assessment/Delineation	10600	**3.38**	**6580 J**	2100 J	**220**	1540	<112 U	12.3	<11.2 U
GACO0502T162S003	T162S003	05/02/2025	0-0.5 feet	Assessment/Delineation	11000	**2.1**	**4520 J**	1550 J	**130**	919	<110 U	8.45	<11 U
GACO0502T162S004	T162S004	05/02/2025	0-0.5 feet	Assessment/Delineation	7860	**2.37**	**6100 J**	1550 J	**139**	1100	<110 U	11.1	<11 U
GACO0502T162S005	T162S005	05/02/2025	0-0.5 feet	Assessment/Delineation	22000	**5.05**	**14600 J**	2640 J	**361**	1280	322	27.3	<11.2 U
GACO0502T162S006	T162S006	05/02/2025	0-0.5 feet	Assessment/Delineation	26300	**3.7**	**8610 J**	2210 J	**220**	1630	<114 U	16.6	<11.4 U
GACO0502T162S007	T162S007	05/02/2025	0-0.5 feet	Assessment/Delineation	15700	**4.44**	**7870 J**	2740 J	**239**	1870	112	15.2	<11 U
GACO0502T162S008	T162S008	05/02/2025	0-0.5 feet	Assessment/Delineation	11600	**2.79**	**4510 J**	1660 J	**161**	1230	<110 U	8.96	<11 U
GACO0502T162S009	T162S009	05/02/2025	0-0.5 feet	Assessment/Delineation	16400	**3.54**	**6600 J**	2580 J	**211**	1530	<110 UJ	11.4	<11 U
GACO0502T162C009	T162S009 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	16700	**3.41**	**7730 J**	2610 J	**236**	1450	412 J	12.3	<10.9 U
GACO0502T162S010	T162S010	05/02/2025	0-0.5 feet	Assessment/Delineation	18500	**4.12**	**7990 J**	2360 J	**267**	1620	309	13.3	<11 U
GACO0502T162S011	T162S011	05/02/2025	0-0.5 feet	Assessment/Delineation	9280	**2.09**	**5090 J**	1480 J	**140**	994	146	9.63	<11.1 U
GACO0502T162S012	T162S012	05/02/2025	0-0.5 feet	Assessment/Delineation	9190	**2.1**	**4260 J**	1480 J	**114**	927	<109 U	8.54	<10.9 U
GACO0502T162S013	T162S013	05/02/2025	0-0.5 feet	Assessment/Delineation	7670	**1.64**	**2910 J**	1230 J	**91.8**	800	117	6.54	<11.1 U
GACO0502T162S014	T162S014	05/02/2025	0-0.5 feet	Assessment/Delineation	20900	**5.99**	**11200 J**	4690 J	**289**	2200	282	19.4	<12.3 U
GACO0502T162S015	T162S015	05/02/2025	0-0.5 feet	Assessment/Delineation	9810	**2.37**	**5260 J**	1920 J	**132**	1180	<111 U	10.5	<11.1 U
GACO0502T162S016	T162S016	05/02/2025	0-0.5 feet	Assessment/Delineation	3320	**2.15**	**5010 J**	1300 J	**124**	1060	<112 U	9.13	<11.2 U
GACO0502T162C016	T162S016 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	3580	**2.66**	**4880 J**	1410 J	**143**	1160	<111 U	9.13	<11.1 U
GACO0502T162S017	T162S017	05/02/2025	0-0.5 feet	Assessment/Delineation	29500	**7.4**	**13400 J**	5290 J	**327**	3030	294	24.6	58.9

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Sample ID	Location	Sample Date	Depth	Sample Purpose	SM4500-NORG-D	SW9056	CALC
					TOTAL KJELDAHL NITROGEN	NITRATE/NITRITE	TOTAL NITROGEN
					mg/kg	mg/kg	mg/kg
EPA Residential Soil Screening Level (RSSL)					**NE**	**NE**	**NE**
EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based					**NE**	**NE**	**NE**
GACO0502T162S001	T162S001	05/02/2025	0-0.5 feet	Assessment/Delineation	1400 J-	44.5 J+	1450 J
GACO0502T162S002	T162S002	05/02/2025	0-0.5 feet	Assessment/Delineation	1290 J-	<112 U	1380 J-
GACO0502T162S003	T162S003	05/02/2025	0-0.5 feet	Assessment/Delineation	1040 J-	<115 U	1130 J-
GACO0502T162S004	T162S004	05/02/2025	0-0.5 feet	Assessment/Delineation	1010 J-	<110 U	1090 J-
GACO0502T162S005	T162S005	05/02/2025	0-0.5 feet	Assessment/Delineation	1300 J-	<112 U	1360 J-
GACO0502T162S006	T162S006	05/02/2025	0-0.5 feet	Assessment/Delineation	1590 J-	126 J+	1720 J
GACO0502T162S007	T162S007	05/02/2025	0-0.5 feet	Assessment/Delineation	1750 J-	149 J+	1900 J
GACO0502T162S008	T162S008	05/02/2025	0-0.5 feet	Assessment/Delineation	1410 J-	<113 U	1510 J-
GACO0502T162S009	T162S009	05/02/2025	0-0.5 feet	Assessment/Delineation	1480 J-	<110 U	1570 J-
GACO0502T162C009	T162S009 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	2010 J-	<110 U	2090 J-
GACO0502T162S010	T162S010	05/02/2025	0-0.5 feet	Assessment/Delineation	1530 J-	123 J+	1650 J
GACO0502T162S011	T162S011	05/02/2025	0-0.5 feet	Assessment/Delineation	1160 J-	<111 U	1220 J-
GACO0502T162S012	T162S012	05/02/2025	0-0.5 feet	Assessment/Delineation	1030 J-	<109 U	1110 J-
GACO0502T162S013	T162S013	05/02/2025	0-0.5 feet	Assessment/Delineation	856 J-	<22.2 U	859 J-
GACO0502T162S014	T162S014	05/02/2025	0-0.5 feet	Assessment/Delineation	2000 J-	292 J+	2290 J
GACO0502T162S015	T162S015	05/02/2025	0-0.5 feet	Assessment/Delineation	952 J-	24.4 J+	976 J
GACO0502T162S016	T162S016	05/02/2025	0-0.5 feet	Assessment/Delineation	1220 J-	55 J+	1270 J
GACO0502T162C016	T162S016 (DUP)	05/02/2025	0-0.5 feet	Assessment/Delineation	1000 J-	45.4 J+	1050 J
GACO0502T162S017	T162S017	05/02/2025	0-0.5 feet	Assessment/Delineation	3390 J-	<277 U	3660 J

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