

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLM6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-01

% Solids: 70.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7100	*	12/24/2024	0228
7440-36-0	Antimony	5.5	J*	12/24/2024	0228
7440-38-2	Arsenic	23		12/24/2024	0228
7440-39-3	Barium	190	*	12/24/2024	0228
7440-41-7	Beryllium	1.0	*	12/24/2024	0228
7440-43-9	Cadmium	1.4		12/24/2024	0228
7440-70-2	Calcium	8500	*	12/24/2024	0228
7440-47-3	Chromium	22		12/24/2024	0228
7440-48-4	Cobalt	13	*	12/24/2024	0228
7440-50-8	Copper	58	*	12/24/2024	0228
7439-89-6	Iron	24000	*	12/24/2024	0228
7439-92-1	Lead	460		12/24/2024	0228
7439-95-4	Magnesium	3100	*	12/24/2024	0228
7439-96-5	Manganese	1100	*	12/24/2024	0228
7440-02-0	Nickel	24		12/24/2024	0228
7440-09-7	Potassium	800		12/24/2024	0228
7782-49-2	Selenium	13	*	12/24/2024	0228
7440-22-4	Silver	1.3	U*	12/24/2024	0228
7440-23-5	Sodium	620	U	12/24/2024	0228
7440-28-0	Thallium	3.1	U*	12/24/2024	0228
7440-62-2	Vanadium	22		12/24/2024	0228
7440-66-6	Zinc	270	*	12/24/2024	0228

NOTE: Hardness (total) is reported in mg/L

Comments:

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MBHLM7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-02

% Solids: 78.7 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900	*	12/24/2024	0232
7440-36-0	Antimony	3.3	J*	12/24/2024	0232
7440-38-2	Arsenic	17		12/24/2024	0232
7440-39-3	Barium	170	*	12/24/2024	0232
7440-41-7	Beryllium	0.80	*	12/24/2024	0232
7440-43-9	Cadmium	1.1		12/24/2024	0232
7440-70-2	Calcium	7900	*	12/24/2024	0232
7440-47-3	Chromium	17		12/24/2024	0232
7440-48-4	Cobalt	11	*	12/24/2024	0232
7440-50-8	Copper	60	*	12/24/2024	0232
7439-89-6	Iron	16000	*	12/24/2024	0232
7439-92-1	Lead	380		12/24/2024	0232
7439-95-4	Magnesium	2300	*	12/24/2024	0232
7439-96-5	Manganese	930	*	12/24/2024	0232
7440-02-0	Nickel	20		12/24/2024	0232
7440-09-7	Potassium	600		12/24/2024	0232
7782-49-2	Selenium	7.8	*	12/24/2024	0232
7440-22-4	Silver	1.1	U*	12/24/2024	0232
7440-23-5	Sodium	550	U	12/24/2024	0232
7440-28-0	Thallium	2.8	U*	12/24/2024	0232
7440-62-2	Vanadium	20		12/24/2024	0232
7440-66-6	Zinc	230	*	12/24/2024	0232

NOTE: Hardness (total) is reported in mg/L

Comments:

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MBHLM8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-03

% Solids: 76.7 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6800	*	12/24/2024	0236
7440-36-0	Antimony	3.6	J*	12/24/2024	0236
7440-38-2	Arsenic	15		12/24/2024	0236
7440-39-3	Barium	160	*	12/24/2024	0236
7440-41-7	Beryllium	0.74	*	12/24/2024	0236
7440-43-9	Cadmium	0.90		12/24/2024	0236
7440-70-2	Calcium	12000	*	12/24/2024	0236
7440-47-3	Chromium	15		12/24/2024	0236
7440-48-4	Cobalt	12	*	12/24/2024	0236
7440-50-8	Copper	34	*	12/24/2024	0236
7439-89-6	Iron	16000	*	12/24/2024	0236
7439-92-1	Lead	230		12/24/2024	0236
7439-95-4	Magnesium	3000	*	12/24/2024	0236
7439-96-5	Manganese	1100	*	12/24/2024	0236
7440-02-0	Nickel	18		12/24/2024	0236
7440-09-7	Potassium	630		12/24/2024	0236
7782-49-2	Selenium	7.5	*	12/24/2024	0236
7440-22-4	Silver	0.97	U*	12/24/2024	0236
7440-23-5	Sodium	490	U	12/24/2024	0236
7440-28-0	Thallium	2.4	U*	12/24/2024	0236
7440-62-2	Vanadium	18		12/24/2024	0236
7440-66-6	Zinc	150	*	12/24/2024	0236

NOTE: Hardness (total) is reported in mg/L

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MBHLM9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-04

% Solids: 74.5 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6800	*	12/24/2024	0240
7440-36-0	Antimony	3.3	J*	12/24/2024	0240
7440-38-2	Arsenic	12		12/24/2024	0240
7440-39-3	Barium	190	*	12/24/2024	0240
7440-41-7	Beryllium	0.73	*	12/24/2024	0240
7440-43-9	Cadmium	0.79		12/24/2024	0240
7440-70-2	Calcium	5700	*	12/24/2024	0240
7440-47-3	Chromium	12		12/24/2024	0240
7440-48-4	Cobalt	12	*	12/24/2024	0240
7440-50-8	Copper	20	*	12/24/2024	0240
7439-89-6	Iron	16000	*	12/24/2024	0240
7439-92-1	Lead	100		12/24/2024	0240
7439-95-4	Magnesium	2100	*	12/24/2024	0240
7439-96-5	Manganese	1400	*	12/24/2024	0240
7440-02-0	Nickel	16		12/24/2024	0240
7440-09-7	Potassium	700		12/24/2024	0240
7782-49-2	Selenium	8.1	*	12/24/2024	0240
7440-22-4	Silver	1.0	U*	12/24/2024	0240
7440-23-5	Sodium	510	U	12/24/2024	0240
7440-28-0	Thallium	2.6	U*	12/24/2024	0240
7440-62-2	Vanadium	17		12/24/2024	0240
7440-66-6	Zinc	120	*	12/24/2024	0240

NOTE: Hardness (total) is reported in mg/L

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MBHLN0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6
 Matrix: SOIL Lab Sample ID: P5086-05
 % Solids: 82.9 Date Received: 12/04/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6700	*	12/24/2024	0244
7440-36-0	Antimony	3.4	J*	12/24/2024	0244
7440-38-2	Arsenic	12		12/24/2024	0244
7440-39-3	Barium	130	*	12/24/2024	0244
7440-41-7	Beryllium	0.72	*	12/24/2024	0244
7440-43-9	Cadmium	0.43	J	12/24/2024	0244
7440-70-2	Calcium	3800	*	12/24/2024	0244
7440-47-3	Chromium	11		12/24/2024	0244
7440-48-4	Cobalt	11	*	12/24/2024	0244
7440-50-8	Copper	14	*	12/24/2024	0244
7439-89-6	Iron	17000	*	12/24/2024	0244
7439-92-1	Lead	36		12/24/2024	0244
7439-95-4	Magnesium	2100	*	12/24/2024	0244
7439-96-5	Manganese	850	*	12/24/2024	0244
7440-02-0	Nickel	14		12/24/2024	0244
7440-09-7	Potassium	570		12/24/2024	0244
7782-49-2	Selenium	8.4	*	12/24/2024	0244
7440-22-4	Silver	0.97	U*	12/24/2024	0244
7440-23-5	Sodium	480	U	12/24/2024	0244
7440-28-0	Thallium	2.4	U*	12/24/2024	0244
7440-62-2	Vanadium	14		12/24/2024	0244
7440-66-6	Zinc	63	*	12/24/2024	0244

NOTE: Hardness (total) is reported in mg/L

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MBHLN1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-06

% Solids: 84.4 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500	*	12/24/2024	0248
7440-36-0	Antimony	3.3	J*	12/24/2024	0248
7440-38-2	Arsenic	9.8		12/24/2024	0248
7440-39-3	Barium	130	*	12/24/2024	0248
7440-41-7	Beryllium	0.60	*	12/24/2024	0248
7440-43-9	Cadmium	0.51		12/24/2024	0248
7440-70-2	Calcium	43000	*	12/24/2024	0248
7440-47-3	Chromium	11		12/24/2024	0248
7440-48-4	Cobalt	12	*	12/24/2024	0248
7440-50-8	Copper	16	*	12/24/2024	0248
7439-89-6	Iron	16000	*	12/24/2024	0248
7439-92-1	Lead	61		12/24/2024	0248
7439-95-4	Magnesium	5400	*	12/24/2024	0248
7439-96-5	Manganese	1200	*	12/24/2024	0248
7440-02-0	Nickel	16		12/24/2024	0248
7440-09-7	Potassium	750		12/24/2024	0248
7782-49-2	Selenium	5.7	*	12/24/2024	0248
7440-22-4	Silver	0.99	U*	12/24/2024	0248
7440-23-5	Sodium	490	U	12/24/2024	0248
7440-28-0	Thallium	2.5	U*	12/24/2024	0248
7440-62-2	Vanadium	15		12/24/2024	0248
7440-66-6	Zinc	71	*	12/24/2024	0248

NOTE: Hardness (total) is reported in mg/L

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MBHLN2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-07

% Solids: 82.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6100	*	12/24/2024	0251
7440-36-0	Antimony	3.9	J*	12/24/2024	0251
7440-38-2	Arsenic	7.4		12/24/2024	0251
7440-39-3	Barium	50	*	12/24/2024	0251
7440-41-7	Beryllium	0.70	*	12/24/2024	0251
7440-43-9	Cadmium	0.29	J	12/24/2024	0251
7440-70-2	Calcium	21000	*	12/24/2024	0251
7440-47-3	Chromium	11		12/24/2024	0251
7440-48-4	Cobalt	11	*	12/24/2024	0251
7440-50-8	Copper	15	*	12/24/2024	0251
7439-89-6	Iron	18000	*	12/24/2024	0251
7439-92-1	Lead	22		12/24/2024	0251
7439-95-4	Magnesium	6700	*	12/24/2024	0251
7439-96-5	Manganese	360	*	12/24/2024	0251
7440-02-0	Nickel	17		12/24/2024	0251
7440-09-7	Potassium	840		12/24/2024	0251
7782-49-2	Selenium	7.0	*	12/24/2024	0251
7440-22-4	Silver	0.87	U*	12/24/2024	0251
7440-23-5	Sodium	440	U	12/24/2024	0251
7440-28-0	Thallium	2.2	U*	12/24/2024	0251
7440-62-2	Vanadium	16		12/24/2024	0251
7440-66-6	Zinc	46	*	12/24/2024	0251

NOTE: Hardness (total) is reported in mg/L

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MBHLN3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-10

% Solids: 68.9 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6100	*	12/24/2024	0307
7440-36-0	Antimony	3.4	J*	12/24/2024	0307
7440-38-2	Arsenic	15		12/24/2024	0307
7440-39-3	Barium	130	*	12/24/2024	0307
7440-41-7	Beryllium	0.76	*	12/24/2024	0307
7440-43-9	Cadmium	0.87		12/24/2024	0307
7440-70-2	Calcium	14000	*	12/24/2024	0307
7440-47-3	Chromium	15		12/24/2024	0307
7440-48-4	Cobalt	12	*	12/24/2024	0307
7440-50-8	Copper	37	*	12/24/2024	0307
7439-89-6	Iron	15000	*	12/24/2024	0307
7439-92-1	Lead	250		12/24/2024	0307
7439-95-4	Magnesium	4400	*	12/24/2024	0307
7439-96-5	Manganese	920	*	12/24/2024	0307
7440-02-0	Nickel	21		12/24/2024	0307
7440-09-7	Potassium	470	J	12/24/2024	0307
7782-49-2	Selenium	6.7	*	12/24/2024	0307
7440-22-4	Silver	1.1	U*	12/24/2024	0307
7440-23-5	Sodium	530	U	12/24/2024	0307
7440-28-0	Thallium	2.7	U*	12/24/2024	0307
7440-62-2	Vanadium	18		12/24/2024	0307
7440-66-6	Zinc	160	*	12/24/2024	0307

NOTE: Hardness (total) is reported in mg/L

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MBHLN4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-11

% Solids: 73.2 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400	*	12/24/2024	0311
7440-36-0	Antimony	3.7	J*	12/24/2024	0311
7440-38-2	Arsenic	16		12/24/2024	0311
7440-39-3	Barium	140	*	12/24/2024	0311
7440-41-7	Beryllium	0.85	*	12/24/2024	0311
7440-43-9	Cadmium	1.0		12/24/2024	0311
7440-70-2	Calcium	16000	*	12/24/2024	0311
7440-47-3	Chromium	16		12/24/2024	0311
7440-48-4	Cobalt	13	*	12/24/2024	0311
7440-50-8	Copper	47	*	12/24/2024	0311
7439-89-6	Iron	15000	*	12/24/2024	0311
7439-92-1	Lead	320		12/24/2024	0311
7439-95-4	Magnesium	4900	*	12/24/2024	0311
7439-96-5	Manganese	880	*	12/24/2024	0311
7440-02-0	Nickel	24		12/24/2024	0311
7440-09-7	Potassium	550	J	12/24/2024	0311
7782-49-2	Selenium	6.4	*	12/24/2024	0311
7440-22-4	Silver	1.2	U*	12/24/2024	0311
7440-23-5	Sodium	590	U	12/24/2024	0311
7440-28-0	Thallium	3.0	U*	12/24/2024	0311
7440-62-2	Vanadium	21		12/24/2024	0311
7440-66-6	Zinc	190	*	12/24/2024	0311

NOTE: Hardness (total) is reported in mg/L

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MBHLN5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6
 Matrix: SOIL Lab Sample ID: P5086-12
 % Solids: 80.7 Date Received: 12/04/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100	*	12/24/2024	0314
7440-36-0	Antimony	3.1	J*	12/24/2024	0314
7440-38-2	Arsenic	14		12/24/2024	0314
7440-39-3	Barium	140	*	12/24/2024	0314
7440-41-7	Beryllium	0.57	*	12/24/2024	0314
7440-43-9	Cadmium	1.2		12/24/2024	0314
7440-70-2	Calcium	41000	*	12/24/2024	0314
7440-47-3	Chromium	10		12/24/2024	0314
7440-48-4	Cobalt	12	*	12/24/2024	0314
7440-50-8	Copper	29	*	12/24/2024	0314
7439-89-6	Iron	14000	*	12/24/2024	0314
7439-92-1	Lead	120		12/24/2024	0314
7439-95-4	Magnesium	4700	*	12/24/2024	0314
7439-96-5	Manganese	1400	*	12/24/2024	0314
7440-02-0	Nickel	17		12/24/2024	0314
7440-09-7	Potassium	490		12/24/2024	0314
7782-49-2	Selenium	4.9	*	12/24/2024	0314
7440-22-4	Silver	0.90	U*	12/24/2024	0314
7440-23-5	Sodium	450	U	12/24/2024	0314
7440-28-0	Thallium	2.3	U*	12/24/2024	0314
7440-62-2	Vanadium	17		12/24/2024	0314
7440-66-6	Zinc	93	*	12/24/2024	0314

NOTE: Hardness (total) is reported in mg/L

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MBHLN6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-13

% Solids: 83 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400	*	12/24/2024	0318
7440-36-0	Antimony	3.2	J*	12/24/2024	0318
7440-38-2	Arsenic	11		12/24/2024	0318
7440-39-3	Barium	120	*	12/24/2024	0318
7440-41-7	Beryllium	0.68	*	12/24/2024	0318
7440-43-9	Cadmium	0.59		12/24/2024	0318
7440-70-2	Calcium	18000	*	12/24/2024	0318
7440-47-3	Chromium	11		12/24/2024	0318
7440-48-4	Cobalt	12	*	12/24/2024	0318
7440-50-8	Copper	21	*	12/24/2024	0318
7439-89-6	Iron	15000	*	12/24/2024	0318
7439-92-1	Lead	98		12/24/2024	0318
7439-95-4	Magnesium	3400	*	12/24/2024	0318
7439-96-5	Manganese	980	*	12/24/2024	0318
7440-02-0	Nickel	13		12/24/2024	0318
7440-09-7	Potassium	400	J	12/24/2024	0318
7782-49-2	Selenium	6.1	*	12/24/2024	0318
7440-22-4	Silver	1.1	U*	12/24/2024	0318
7440-23-5	Sodium	520	U	12/24/2024	0318
7440-28-0	Thallium	2.6	U*	12/24/2024	0318
7440-62-2	Vanadium	16		12/24/2024	0318
7440-66-6	Zinc	75	*	12/24/2024	0318

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLN7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-14

% Solids: 85.4 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4200	*	12/24/2024	0322
7440-36-0	Antimony	2.5	J*	12/24/2024	0322
7440-38-2	Arsenic	5.7		12/24/2024	0322
7440-39-3	Barium	66	*	12/24/2024	0322
7440-41-7	Beryllium	0.48	J*	12/24/2024	0322
7440-43-9	Cadmium	0.41	J	12/24/2024	0322
7440-70-2	Calcium	110000	D*	01/04/2025	0156
7440-47-3	Chromium	7.6		12/24/2024	0322
7440-48-4	Cobalt	9.8	*	12/24/2024	0322
7440-50-8	Copper	15	*	12/24/2024	0322
7439-89-6	Iron	12000	*	12/24/2024	0322
7439-92-1	Lead	48		12/24/2024	0322
7439-95-4	Magnesium	14000	*	12/24/2024	0322
7439-96-5	Manganese	740	*	12/24/2024	0322
7440-02-0	Nickel	11		12/24/2024	0322
7440-09-7	Potassium	270	J	12/24/2024	0322
7782-49-2	Selenium	2.7	J*	12/24/2024	0322
7440-22-4	Silver	0.99	U*	12/24/2024	0322
7440-23-5	Sodium	500	U	12/24/2024	0322
7440-28-0	Thallium	2.5	U*	12/24/2024	0322
7440-62-2	Vanadium	12		12/24/2024	0322
7440-66-6	Zinc	61	*	12/24/2024	0322

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLN8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6
 Matrix: SOIL Lab Sample ID: P5086-15
 % Solids: 86.1 Date Received: 12/04/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	2500	*	12/24/2024	0326
7440-36-0	Antimony	2.6	J*	12/24/2024	0326
7440-38-2	Arsenic	9.0		12/24/2024	0326
7440-39-3	Barium	84	*	12/24/2024	0326
7440-41-7	Beryllium	0.50	*	12/24/2024	0326
7440-43-9	Cadmium	0.40	J	12/24/2024	0326
7440-70-2	Calcium	180000	D*	01/04/2025	0200
7440-47-3	Chromium	4.7		12/24/2024	0326
7440-48-4	Cobalt	10	*	12/24/2024	0326
7440-50-8	Copper	13	*	12/24/2024	0326
7439-89-6	Iron	15000	*	12/24/2024	0326
7439-92-1	Lead	37		12/24/2024	0326
7439-95-4	Magnesium	28000	*	12/24/2024	0326
7439-96-5	Manganese	860	*	12/24/2024	0326
7440-02-0	Nickel	14		12/24/2024	0326
7440-09-7	Potassium	390	J	12/24/2024	0326
7782-49-2	Selenium	3.6	*	12/24/2024	0326
7440-22-4	Silver	0.89	U*	12/24/2024	0326
7440-23-5	Sodium	440	U	12/24/2024	0326
7440-28-0	Thallium	2.2	U*	12/24/2024	0326
7440-62-2	Vanadium	8.0		12/24/2024	0326
7440-66-6	Zinc	29	*	12/24/2024	0326

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLN9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6
 Matrix: SOIL Lab Sample ID: P5086-16
 % Solids: 86.7 Date Received: 12/04/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	2400	*	12/24/2024	0330
7440-36-0	Antimony	2.1	J*	12/24/2024	0330
7440-38-2	Arsenic	5.3		12/24/2024	0330
7440-39-3	Barium	37	*	12/24/2024	0330
7440-41-7	Beryllium	0.42	*	12/24/2024	0330
7440-43-9	Cadmium	0.28	J	12/24/2024	0330
7440-70-2	Calcium	150000	D*	01/05/2025	2000
7440-47-3	Chromium	4.2		12/24/2024	0330
7440-48-4	Cobalt	8.5	*	12/24/2024	0330
7440-50-8	Copper	10	*	12/24/2024	0330
7439-89-6	Iron	11000	*	12/24/2024	0330
7439-92-1	Lead	26		12/24/2024	0330
7439-95-4	Magnesium	22000	*	12/24/2024	0330
7439-96-5	Manganese	460	*	12/24/2024	0330
7440-02-0	Nickel	11		12/24/2024	0330
7440-09-7	Potassium	390	J	12/24/2024	0330
7782-49-2	Selenium	1.8	J*	12/24/2024	0330
7440-22-4	Silver	0.80	U*	12/24/2024	0330
7440-23-5	Sodium	400	U	12/24/2024	0330
7440-28-0	Thallium	2.0	U*	12/24/2024	0330
7440-62-2	Vanadium	5.6		12/24/2024	0330
7440-66-6	Zinc	19	*	12/24/2024	0330

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLP7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-17

% Solids: 72 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7400	*	12/24/2024	0342
7440-36-0	Antimony	4.8	J*	12/24/2024	0342
7440-38-2	Arsenic	21		12/24/2024	0342
7440-39-3	Barium	250	*	12/24/2024	0342
7440-41-7	Beryllium	0.88	*	12/24/2024	0342
7440-43-9	Cadmium	2.6		12/24/2024	0342
7440-70-2	Calcium	12000	*	12/24/2024	0342
7440-47-3	Chromium	22		12/24/2024	0342
7440-48-4	Cobalt	12	*	12/24/2024	0342
7440-50-8	Copper	84	*	12/24/2024	0342
7439-89-6	Iron	19000	*	12/24/2024	0342
7439-92-1	Lead	390		12/24/2024	0342
7439-95-4	Magnesium	2700	*	12/24/2024	0342
7439-96-5	Manganese	630	*	12/24/2024	0342
7440-02-0	Nickel	22		12/24/2024	0342
7440-09-7	Potassium	1000		12/24/2024	0342
7782-49-2	Selenium	9.6	*	12/24/2024	0342
7440-22-4	Silver	1.2	U*	12/24/2024	0342
7440-23-5	Sodium	570	U	12/24/2024	0342
7440-28-0	Thallium	2.9	U*	12/24/2024	0342
7440-62-2	Vanadium	24		12/24/2024	0342
7440-66-6	Zinc	340	*	12/24/2024	0342

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLP8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-18

% Solids: 72.5 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7200	*	12/24/2024	0345
7440-36-0	Antimony	3.9	J*	12/24/2024	0345
7440-38-2	Arsenic	19		12/24/2024	0345
7440-39-3	Barium	280	*	12/24/2024	0345
7440-41-7	Beryllium	0.82	*	12/24/2024	0345
7440-43-9	Cadmium	5.2		12/24/2024	0345
7440-70-2	Calcium	18000	*	12/24/2024	0345
7440-47-3	Chromium	21		12/24/2024	0345
7440-48-4	Cobalt	12	*	12/24/2024	0345
7440-50-8	Copper	85	*	12/24/2024	0345
7439-89-6	Iron	16000	*	12/24/2024	0345
7439-92-1	Lead	580		12/24/2024	0345
7439-95-4	Magnesium	3500	*	12/24/2024	0345
7439-96-5	Manganese	570	*	12/24/2024	0345
7440-02-0	Nickel	20		12/24/2024	0345
7440-09-7	Potassium	750		12/24/2024	0345
7782-49-2	Selenium	7.4	*	12/24/2024	0345
7440-22-4	Silver	1.1	U*	12/24/2024	0345
7440-23-5	Sodium	530	U	12/24/2024	0345
7440-28-0	Thallium	2.7	U*	12/24/2024	0345
7440-62-2	Vanadium	21		12/24/2024	0345
7440-66-6	Zinc	370	*	12/24/2024	0345

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLP9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-19

% Solids: 75.6 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900	*	12/24/2024	0349
7440-36-0	Antimony	4.3	J*	12/24/2024	0349
7440-38-2	Arsenic	18		12/24/2024	0349
7440-39-3	Barium	350	*	12/24/2024	0349
7440-41-7	Beryllium	0.84	*	12/24/2024	0349
7440-43-9	Cadmium	6.0		12/24/2024	0349
7440-70-2	Calcium	9800	*	12/24/2024	0349
7440-47-3	Chromium	20		12/24/2024	0349
7440-48-4	Cobalt	12	*	12/24/2024	0349
7440-50-8	Copper	77	*	12/24/2024	0349
7439-89-6	Iron	17000	*	12/24/2024	0349
7439-92-1	Lead	1400		12/24/2024	0349
7439-95-4	Magnesium	2100	*	12/24/2024	0349
7439-96-5	Manganese	550	*	12/24/2024	0349
7440-02-0	Nickel	20		12/24/2024	0349
7440-09-7	Potassium	670		12/24/2024	0349
7782-49-2	Selenium	7.9	*	12/24/2024	0349
7440-22-4	Silver	1.0	U*	12/24/2024	0349
7440-23-5	Sodium	500	U	12/24/2024	0349
7440-28-0	Thallium	2.5	U*	12/24/2024	0349
7440-62-2	Vanadium	20		12/24/2024	0349
7440-66-6	Zinc	360	*	12/24/2024	0349

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-20

% Solids: 80.1 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6500	*	12/24/2024	0353
7440-36-0	Antimony	3.2	J*	12/24/2024	0353
7440-38-2	Arsenic	15		12/24/2024	0353
7440-39-3	Barium	150	*	12/24/2024	0353
7440-41-7	Beryllium	0.71	*	12/24/2024	0353
7440-43-9	Cadmium	1.5		12/24/2024	0353
7440-70-2	Calcium	5900	*	12/24/2024	0353
7440-47-3	Chromium	14		12/24/2024	0353
7440-48-4	Cobalt	10	*	12/24/2024	0353
7440-50-8	Copper	44	*	12/24/2024	0353
7439-89-6	Iron	14000	*	12/24/2024	0353
7439-92-1	Lead	180		12/24/2024	0353
7439-95-4	Magnesium	2100	*	12/24/2024	0353
7439-96-5	Manganese	470	*	12/24/2024	0353
7440-02-0	Nickel	15		12/24/2024	0353
7440-09-7	Potassium	660		12/24/2024	0353
7782-49-2	Selenium	6.9	*	12/24/2024	0353
7440-22-4	Silver	0.87	U*	12/24/2024	0353
7440-23-5	Sodium	430	U	12/24/2024	0353
7440-28-0	Thallium	2.2	U*	12/24/2024	0353
7440-62-2	Vanadium	17		12/24/2024	0353
7440-66-6	Zinc	190	*	12/24/2024	0353

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-21

% Solids: 82.7 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6500	*	12/24/2024	0357
7440-36-0	Antimony	3.1	J*	12/24/2024	0357
7440-38-2	Arsenic	14		12/24/2024	0357
7440-39-3	Barium	100	*	12/24/2024	0357
7440-41-7	Beryllium	0.73	*	12/24/2024	0357
7440-43-9	Cadmium	0.91		12/24/2024	0357
7440-70-2	Calcium	4100	*	12/24/2024	0357
7440-47-3	Chromium	11		12/24/2024	0357
7440-48-4	Cobalt	11	*	12/24/2024	0357
7440-50-8	Copper	30	*	12/24/2024	0357
7439-89-6	Iron	15000	*	12/24/2024	0357
7439-92-1	Lead	78		12/24/2024	0357
7439-95-4	Magnesium	2100	*	12/24/2024	0357
7439-96-5	Manganese	600	*	12/24/2024	0357
7440-02-0	Nickel	17		12/24/2024	0357
7440-09-7	Potassium	640		12/24/2024	0357
7782-49-2	Selenium	7.6	*	12/24/2024	0357
7440-22-4	Silver	1.0	U*	12/24/2024	0357
7440-23-5	Sodium	500	U	12/24/2024	0357
7440-28-0	Thallium	2.5	U*	12/24/2024	0357
7440-62-2	Vanadium	16		12/24/2024	0357
7440-66-6	Zinc	92	*	12/24/2024	0357

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLM6

Matrix: SOIL Lab Sample ID: P5086-22

% Solids: 87.2 Date Received: 12/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900	*	12/24/2024	0401
7440-36-0	Antimony	3.6	J*	12/24/2024	0401
7440-38-2	Arsenic	11		12/24/2024	0401
7440-39-3	Barium	60	*	12/24/2024	0401
7440-41-7	Beryllium	0.66	*	12/24/2024	0401
7440-43-9	Cadmium	0.42	J	12/24/2024	0401
7440-70-2	Calcium	5500	*	12/24/2024	0401
7440-47-3	Chromium	12		12/24/2024	0401
7440-48-4	Cobalt	12	*	12/24/2024	0401
7440-50-8	Copper	25	*	12/24/2024	0401
7439-89-6	Iron	17000	*	12/24/2024	0401
7439-92-1	Lead	22		12/24/2024	0401
7439-95-4	Magnesium	3200	*	12/24/2024	0401
7439-96-5	Manganese	920	*	12/24/2024	0401
7440-02-0	Nickel	22		12/24/2024	0401
7440-09-7	Potassium	590		12/24/2024	0401
7782-49-2	Selenium	8.0	*	12/24/2024	0401
7440-22-4	Silver	0.86	U*	12/24/2024	0401
7440-23-5	Sodium	430	U	12/24/2024	0401
7440-28-0	Thallium	2.2	U*	12/24/2024	0401
7440-62-2	Vanadium	14		12/24/2024	0401
7440-66-6	Zinc	47	*	12/24/2024	0401

NOTE: Hardness (total) is reported in mg/L

Comments: