

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCN1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1
 Matrix: SOIL Lab Sample ID: P4500-01
 % Solids: 78.8 Date Received: 10/23/2024
 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	16000		10/31/2024	2139
7440-36-0	Antimony	0.43	J*	10/31/2024	2139
7440-38-2	Arsenic	0.95	U*	10/31/2024	2139
7440-39-3	Barium	82	*	10/31/2024	2139
7440-41-7	Beryllium	0.99		10/31/2024	2139
7440-43-9	Cadmium	1.3		10/31/2024	2139
7440-70-2	Calcium	66000	*	10/31/2024	2139
7440-47-3	Chromium	170	*	10/31/2024	2139
7440-48-4	Cobalt	28	*	10/31/2024	2139
7440-50-8	Copper	39		10/31/2024	2139
7439-89-6	Iron	40000		10/31/2024	2139
7439-92-1	Lead	8.8	*	10/31/2024	2139
7439-95-4	Magnesium	23000		10/31/2024	2139
7439-96-5	Manganese	460	*	10/31/2024	2139
7440-02-0	Nickel	230	*	10/31/2024	2139
7440-09-7	Potassium	1100		10/31/2024	2139
7782-49-2	Selenium	3.3	U	10/31/2024	2139
7440-22-4	Silver	0.95	U	10/31/2024	2139
7440-23-5	Sodium	870		10/31/2024	2139
7440-28-0	Thallium	2.4	U*	10/31/2024	2139
7440-62-2	Vanadium	110		10/31/2024	2139
7440-66-6	Zinc	54		10/31/2024	2139

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

Comments:

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MBHCN2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-02

% Solids: 79.8 Date Received: 10/23/2024

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	17000		10/31/2024	2143
7440-36-0	Antimony	0.41	J*	10/31/2024	2143
7440-38-2	Arsenic	0.85	U*	10/31/2024	2143
7440-39-3	Barium	60	*	10/31/2024	2143
7440-41-7	Beryllium	1.1		10/31/2024	2143
7440-43-9	Cadmium	1.4		10/31/2024	2143
7440-70-2	Calcium	49000	*	10/31/2024	2143
7440-47-3	Chromium	250	*	10/31/2024	2143
7440-48-4	Cobalt	36	*	10/31/2024	2143
7440-50-8	Copper	41		10/31/2024	2143
7439-89-6	Iron	43000		10/31/2024	2143
7439-92-1	Lead	10	*	10/31/2024	2143
7439-95-4	Magnesium	30000		10/31/2024	2143
7439-96-5	Manganese	810	*	10/31/2024	2143
7440-02-0	Nickel	340	*	10/31/2024	2143
7440-09-7	Potassium	1100		10/31/2024	2143
7782-49-2	Selenium	3.0	U	10/31/2024	2143
7440-22-4	Silver	0.85	U	10/31/2024	2143
7440-23-5	Sodium	700		10/31/2024	2143
7440-28-0	Thallium	2.1	U*	10/31/2024	2143
7440-62-2	Vanadium	120		10/31/2024	2143
7440-66-6	Zinc	56		10/31/2024	2143

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

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MBHCN3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-03

% Solids: 80 Date Received: 10/23/2024

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	8900		10/31/2024	2148
7440-36-0	Antimony	5.3	U*	10/31/2024	2148
7440-38-2	Arsenic	0.97	*	10/31/2024	2148
7440-39-3	Barium	36	*	10/31/2024	2148
7440-41-7	Beryllium	0.53		10/31/2024	2148
7440-43-9	Cadmium	1.1		10/31/2024	2148
7440-70-2	Calcium	230000	D*	11/04/2024	2127
7440-47-3	Chromium	390	*	10/31/2024	2148
7440-48-4	Cobalt	14	*	10/31/2024	2148
7440-50-8	Copper	31		10/31/2024	2148
7439-89-6	Iron	21000		10/31/2024	2148
7439-92-1	Lead	24	*	10/31/2024	2148
7439-95-4	Magnesium	14000		10/31/2024	2148
7439-96-5	Manganese	310	*	10/31/2024	2148
7440-02-0	Nickel	140	*	10/31/2024	2148
7440-09-7	Potassium	1000		10/31/2024	2148
7782-49-2	Selenium	3.1	U	10/31/2024	2148
7440-22-4	Silver	1.9		10/31/2024	2148
7440-23-5	Sodium	510		10/31/2024	2148
7440-28-0	Thallium	2.2	U*	10/31/2024	2148
7440-62-2	Vanadium	130		10/31/2024	2148
7440-66-6	Zinc	120		10/31/2024	2148

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

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MBHCN4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1
 Matrix: SOIL Lab Sample ID: P4500-04
 % Solids: 75.2 Date Received: 10/23/2024
 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	14000		10/31/2024	2152
7440-36-0	Antimony	5.4	U*	10/31/2024	2152
7440-38-2	Arsenic	2.4	*	10/31/2024	2152
7440-39-3	Barium	47	*	10/31/2024	2152
7440-41-7	Beryllium	0.68		10/31/2024	2152
7440-43-9	Cadmium	1.2		10/31/2024	2152
7440-70-2	Calcium	140000	D*	11/04/2024	2131
7440-47-3	Chromium	130	*	10/31/2024	2152
7440-48-4	Cobalt	16	*	10/31/2024	2152
7440-50-8	Copper	38		10/31/2024	2152
7439-89-6	Iron	26000		10/31/2024	2152
7439-92-1	Lead	39	*	10/31/2024	2152
7439-95-4	Magnesium	19000		10/31/2024	2152
7439-96-5	Manganese	380	*	10/31/2024	2152
7440-02-0	Nickel	130	*	10/31/2024	2152
7440-09-7	Potassium	1800		10/31/2024	2152
7782-49-2	Selenium	3.1	U	10/31/2024	2152
7440-22-4	Silver	0.30	J	10/31/2024	2152
7440-23-5	Sodium	600		10/31/2024	2152
7440-28-0	Thallium	2.3	U*	10/31/2024	2152
7440-62-2	Vanadium	100		10/31/2024	2152
7440-66-6	Zinc	90		10/31/2024	2152

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

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MBHCN5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1
 Matrix: SOIL Lab Sample ID: P4500-05
 % Solids: 79.9 Date Received: 10/23/2024
 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	8000		10/31/2024	2157
7440-36-0	Antimony	5.5	U*	10/31/2024	2157
7440-38-2	Arsenic	1.4	*	10/31/2024	2157
7440-39-3	Barium	45	*	10/31/2024	2157
7440-41-7	Beryllium	0.49		10/31/2024	2157
7440-43-9	Cadmium	0.66		10/31/2024	2157
7440-70-2	Calcium	240000	D*	11/04/2024	2136
7440-47-3	Chromium	92	*	10/31/2024	2157
7440-48-4	Cobalt	11	*	10/31/2024	2157
7440-50-8	Copper	11		10/31/2024	2157
7439-89-6	Iron	19000		10/31/2024	2157
7439-92-1	Lead	3.6	*	10/31/2024	2157
7439-95-4	Magnesium	13000		10/31/2024	2157
7439-96-5	Manganese	410	*	10/31/2024	2157
7440-02-0	Nickel	68	*	10/31/2024	2157
7440-09-7	Potassium	650		10/31/2024	2157
7782-49-2	Selenium	3.2	U	10/31/2024	2157
7440-22-4	Silver	2.3		10/31/2024	2157
7440-23-5	Sodium	420	J	10/31/2024	2157
7440-28-0	Thallium	2.3	U*	10/31/2024	2157
7440-62-2	Vanadium	79		10/31/2024	2157
7440-66-6	Zinc	26		10/31/2024	2157

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

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MBHCN6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-06

% Solids: 76.8 Date Received: 10/23/2024

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	12000		10/31/2024	2201
7440-36-0	Antimony	5.7	U*	10/31/2024	2201
7440-38-2	Arsenic	0.94	U*	10/31/2024	2201
7440-39-3	Barium	44	*	10/31/2024	2201
7440-41-7	Beryllium	0.60		10/31/2024	2201
7440-43-9	Cadmium	0.78		10/31/2024	2201
7440-70-2	Calcium	160000	D*	11/04/2024	2140
7440-47-3	Chromium	140	*	10/31/2024	2201
7440-48-4	Cobalt	15	*	10/31/2024	2201
7440-50-8	Copper	14		10/31/2024	2201
7439-89-6	Iron	24000		10/31/2024	2201
7439-92-1	Lead	4.7	*	10/31/2024	2201
7439-95-4	Magnesium	23000		10/31/2024	2201
7439-96-5	Manganese	390	*	10/31/2024	2201
7440-02-0	Nickel	98	*	10/31/2024	2201
7440-09-7	Potassium	810		10/31/2024	2201
7782-49-2	Selenium	3.3	U	10/31/2024	2201
7440-22-4	Silver	1.0		10/31/2024	2201
7440-23-5	Sodium	470		10/31/2024	2201
7440-28-0	Thallium	2.4	U*	10/31/2024	2201
7440-62-2	Vanadium	93		10/31/2024	2201
7440-66-6	Zinc	33		10/31/2024	2201

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

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MBHCN7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-07

% Solids: 61.2 Date Received: 10/23/2024

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	14000		10/31/2024	2206
7440-36-0	Antimony	7.8	U*	10/31/2024	2206
7440-38-2	Arsenic	1.3	U*	10/31/2024	2206
7440-39-3	Barium	30	*	10/31/2024	2206
7440-41-7	Beryllium	0.81		10/31/2024	2206
7440-43-9	Cadmium	0.98		10/31/2024	2206
7440-70-2	Calcium	120000	D*	11/04/2024	2145
7440-47-3	Chromium	220	*	10/31/2024	2206
7440-48-4	Cobalt	23	*	10/31/2024	2206
7440-50-8	Copper	30		10/31/2024	2206
7439-89-6	Iron	33000		10/31/2024	2206
7439-92-1	Lead	14	*	10/31/2024	2206
7439-95-4	Magnesium	25000		10/31/2024	2206
7439-96-5	Manganese	350	*	10/31/2024	2206
7440-02-0	Nickel	210	*	10/31/2024	2206
7440-09-7	Potassium	1300		10/31/2024	2206
7782-49-2	Selenium	4.6	U	10/31/2024	2206
7440-22-4	Silver	1.3	U	10/31/2024	2206
7440-23-5	Sodium	600	J	10/31/2024	2206
7440-28-0	Thallium	3.3	U*	10/31/2024	2206
7440-62-2	Vanadium	100		10/31/2024	2206
7440-66-6	Zinc	56		10/31/2024	2206

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

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MBHCN8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-08

% Solids: 84.4 Date Received: 10/23/2024

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	10000		10/31/2024	2210
7440-36-0	Antimony	0.47	J*	10/31/2024	2210
7440-38-2	Arsenic	0.88	U*	10/31/2024	2210
7440-39-3	Barium	81	*	10/31/2024	2210
7440-41-7	Beryllium	0.64		10/31/2024	2210
7440-43-9	Cadmium	1.2		10/31/2024	2210
7440-70-2	Calcium	170000	D*	11/04/2024	2149
7440-47-3	Chromium	220	*	10/31/2024	2210
7440-48-4	Cobalt	22	*	10/31/2024	2210
7440-50-8	Copper	25		10/31/2024	2210
7439-89-6	Iron	27000		10/31/2024	2210
7439-92-1	Lead	31	*	10/31/2024	2210
7439-95-4	Magnesium	26000		10/31/2024	2210
7439-96-5	Manganese	390	*	10/31/2024	2210
7440-02-0	Nickel	270	*	10/31/2024	2210
7440-09-7	Potassium	1200		10/31/2024	2210
7782-49-2	Selenium	3.1	U	10/31/2024	2210
7440-22-4	Silver	0.64	J	10/31/2024	2210
7440-23-5	Sodium	1100		10/31/2024	2210
7440-28-0	Thallium	2.2	U*	10/31/2024	2210
7440-62-2	Vanadium	67		10/31/2024	2210
7440-66-6	Zinc	48		10/31/2024	2210

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

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MBHCN9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-09

% Solids: 82.9 Date Received: 10/23/2024

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	15000		10/31/2024	2215
7440-36-0	Antimony	5.2	U*	10/31/2024	2215
7440-38-2	Arsenic	0.87	U*	10/31/2024	2215
7440-39-3	Barium	78	*	10/31/2024	2215
7440-41-7	Beryllium	0.92		10/31/2024	2215
7440-43-9	Cadmium	1.1		10/31/2024	2215
7440-70-2	Calcium	38000	*	10/31/2024	2215
7440-47-3	Chromium	280	*	10/31/2024	2215
7440-48-4	Cobalt	36	*	10/31/2024	2215
7440-50-8	Copper	36		10/31/2024	2215
7439-89-6	Iron	38000		10/31/2024	2215
7439-92-1	Lead	9.9	*	10/31/2024	2215
7439-95-4	Magnesium	36000		10/31/2024	2215
7439-96-5	Manganese	490	*	10/31/2024	2215
7440-02-0	Nickel	430	*	10/31/2024	2215
7440-09-7	Potassium	1100		10/31/2024	2215
7782-49-2	Selenium	3.0	U	10/31/2024	2215
7440-22-4	Silver	0.87	U	10/31/2024	2215
7440-23-5	Sodium	670		10/31/2024	2215
7440-28-0	Thallium	2.2	U*	10/31/2024	2215
7440-62-2	Vanadium	99		10/31/2024	2215
7440-66-6	Zinc	47		10/31/2024	2215

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

Comments:

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MBHCP0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-10

% Solids: 81.3 Date Received: 10/23/2024

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	16000		10/31/2024	2219
7440-36-0	Antimony	5.7	U*	10/31/2024	2219
7440-38-2	Arsenic	0.95	U*	10/31/2024	2219
7440-39-3	Barium	100	*	10/31/2024	2219
7440-41-7	Beryllium	0.94		10/31/2024	2219
7440-43-9	Cadmium	1.2		10/31/2024	2219
7440-70-2	Calcium	49000	D*	11/04/2024	2154
7440-47-3	Chromium	330	*	10/31/2024	2219
7440-48-4	Cobalt	43	*	10/31/2024	2219
7440-50-8	Copper	40		10/31/2024	2219
7439-89-6	Iron	39000		10/31/2024	2219
7439-92-1	Lead	12	*	10/31/2024	2219
7439-95-4	Magnesium	37000		10/31/2024	2219
7439-96-5	Manganese	750	*	10/31/2024	2219
7440-02-0	Nickel	530	D*	11/04/2024	2154
7440-09-7	Potassium	1000		10/31/2024	2219
7782-49-2	Selenium	3.3	U	10/31/2024	2219
7440-22-4	Silver	0.95	U	10/31/2024	2219
7440-23-5	Sodium	700		10/31/2024	2219
7440-28-0	Thallium	2.4	U*	10/31/2024	2219
7440-62-2	Vanadium	110		10/31/2024	2219
7440-66-6	Zinc	53		10/31/2024	2219

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

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MBHCP1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-13

% Solids: 79.6 Date Received: 10/23/2024

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	15000		10/31/2024	2245
7440-36-0	Antimony	5.8	U*	10/31/2024	2245
7440-38-2	Arsenic	0.97	U*	10/31/2024	2245
7440-39-3	Barium	77	*	10/31/2024	2245
7440-41-7	Beryllium	0.98		10/31/2024	2245
7440-43-9	Cadmium	1.3		10/31/2024	2245
7440-70-2	Calcium	56000	*	10/31/2024	2245
7440-47-3	Chromium	280	*	10/31/2024	2245
7440-48-4	Cobalt	35	*	10/31/2024	2245
7440-50-8	Copper	39		10/31/2024	2245
7439-89-6	Iron	41000		10/31/2024	2245
7439-92-1	Lead	10	*	10/31/2024	2245
7439-95-4	Magnesium	34000		10/31/2024	2245
7439-96-5	Manganese	1000	*	10/31/2024	2245
7440-02-0	Nickel	410	*	10/31/2024	2245
7440-09-7	Potassium	1100		10/31/2024	2245
7782-49-2	Selenium	3.4	U	10/31/2024	2245
7440-22-4	Silver	0.97	U	10/31/2024	2245
7440-23-5	Sodium	610		10/31/2024	2245
7440-28-0	Thallium	2.4	U*	10/31/2024	2245
7440-62-2	Vanadium	110		10/31/2024	2245
7440-66-6	Zinc	53		10/31/2024	2245

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

Comments:

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MBHCP2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-14

% Solids: 76.8 Date Received: 10/23/2024

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	16000		10/31/2024	2250
7440-36-0	Antimony	7.0	U*	10/31/2024	2250
7440-38-2	Arsenic	1.2	U*	10/31/2024	2250
7440-39-3	Barium	91	*	10/31/2024	2250
7440-41-7	Beryllium	1.0		10/31/2024	2250
7440-43-9	Cadmium	1.1		10/31/2024	2250
7440-70-2	Calcium	26000	*	10/31/2024	2250
7440-47-3	Chromium	420	*	10/31/2024	2250
7440-48-4	Cobalt	44	*	10/31/2024	2250
7440-50-8	Copper	40		10/31/2024	2250
7439-89-6	Iron	43000		10/31/2024	2250
7439-92-1	Lead	11	*	10/31/2024	2250
7439-95-4	Magnesium	45000		10/31/2024	2250
7439-96-5	Manganese	630	*	10/31/2024	2250
7440-02-0	Nickel	550	*	10/31/2024	2250
7440-09-7	Potassium	1300		10/31/2024	2250
7782-49-2	Selenium	4.1	U	10/31/2024	2250
7440-22-4	Silver	1.2	U	10/31/2024	2250
7440-23-5	Sodium	740		10/31/2024	2250
7440-28-0	Thallium	2.9	U*	10/31/2024	2250
7440-62-2	Vanadium	110		10/31/2024	2250
7440-66-6	Zinc	51		10/31/2024	2250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCP3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-15

% Solids: 82.1 Date Received: 10/23/2024

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	9700		10/31/2024	2254
7440-36-0	Antimony	0.51	J*	10/31/2024	2254
7440-38-2	Arsenic	0.92	U*	10/31/2024	2254
7440-39-3	Barium	44	*	10/31/2024	2254
7440-41-7	Beryllium	0.58		10/31/2024	2254
7440-43-9	Cadmium	1.1		10/31/2024	2254
7440-70-2	Calcium	210000	D*	11/04/2024	2211
7440-47-3	Chromium	190	*	10/31/2024	2254
7440-48-4	Cobalt	20	*	10/31/2024	2254
7440-50-8	Copper	23		10/31/2024	2254
7439-89-6	Iron	24000		10/31/2024	2254
7439-92-1	Lead	7.9	*	10/31/2024	2254
7439-95-4	Magnesium	20000		10/31/2024	2254
7439-96-5	Manganese	350	*	10/31/2024	2254
7440-02-0	Nickel	230	*	10/31/2024	2254
7440-09-7	Potassium	840		10/31/2024	2254
7782-49-2	Selenium	3.2	U	10/31/2024	2254
7440-22-4	Silver	1.5		10/31/2024	2254
7440-23-5	Sodium	480		10/31/2024	2254
7440-28-0	Thallium	2.3	U*	10/31/2024	2254
7440-62-2	Vanadium	63		10/31/2024	2254
7440-66-6	Zinc	39		10/31/2024	2254

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCP4

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-16

% Solids: 76.6 Date Received: 10/23/2024

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	14000		10/31/2024	2259
7440-36-0	Antimony	5.5	U*	10/31/2024	2259
7440-38-2	Arsenic	0.92	U*	10/31/2024	2259
7440-39-3	Barium	79	*	10/31/2024	2259
7440-41-7	Beryllium	0.92		10/31/2024	2259
7440-43-9	Cadmium	1.5		10/31/2024	2259
7440-70-2	Calcium	81000	D*	11/04/2024	2216
7440-47-3	Chromium	340	*	10/31/2024	2259
7440-48-4	Cobalt	43	*	10/31/2024	2259
7440-50-8	Copper	40		10/31/2024	2259
7439-89-6	Iron	40000		10/31/2024	2259
7439-92-1	Lead	11	*	10/31/2024	2259
7439-95-4	Magnesium	46000		10/31/2024	2259
7439-96-5	Manganese	540	*	10/31/2024	2259
7440-02-0	Nickel	530	D*	11/04/2024	2216
7440-09-7	Potassium	970		10/31/2024	2259
7782-49-2	Selenium	3.2	U	10/31/2024	2259
7440-22-4	Silver	0.92	U	10/31/2024	2259
7440-23-5	Sodium	670		10/31/2024	2259
7440-28-0	Thallium	2.3	U*	10/31/2024	2259
7440-62-2	Vanadium	110		10/31/2024	2259
7440-66-6	Zinc	59		10/31/2024	2259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCP5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-17

% Solids: 67.8 Date Received: 10/23/2024

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	17000		10/31/2024	2303
7440-36-0	Antimony	0.91	J*	10/31/2024	2303
7440-38-2	Arsenic	1.2	U*	10/31/2024	2303
7440-39-3	Barium	61	*	10/31/2024	2303
7440-41-7	Beryllium	1.1		10/31/2024	2303
7440-43-9	Cadmium	1.0		10/31/2024	2303
7440-70-2	Calcium	30000	*	10/31/2024	2303
7440-47-3	Chromium	130	*	10/31/2024	2303
7440-48-4	Cobalt	29	*	10/31/2024	2303
7440-50-8	Copper	29		10/31/2024	2303
7439-89-6	Iron	39000		10/31/2024	2303
7439-92-1	Lead	9.4	*	10/31/2024	2303
7439-95-4	Magnesium	32000		10/31/2024	2303
7439-96-5	Manganese	390	*	10/31/2024	2303
7440-02-0	Nickel	150	*	10/31/2024	2303
7440-09-7	Potassium	1100		10/31/2024	2303
7782-49-2	Selenium	4.1	U	10/31/2024	2303
7440-22-4	Silver	1.2	U	10/31/2024	2303
7440-23-5	Sodium	670		10/31/2024	2303
7440-28-0	Thallium	3.0	U*	10/31/2024	2303
7440-62-2	Vanadium	120		10/31/2024	2303
7440-66-6	Zinc	61		10/31/2024	2303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCP6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1
 Matrix: SOIL Lab Sample ID: P4500-18
 % Solids: 71.5 Date Received: 10/23/2024
 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	16000		10/31/2024	2307
7440-36-0	Antimony	6.9	U*	10/31/2024	2307
7440-38-2	Arsenic	1.2	U*	10/31/2024	2307
7440-39-3	Barium	48	*	10/31/2024	2307
7440-41-7	Beryllium	0.83		10/31/2024	2307
7440-43-9	Cadmium	0.97		10/31/2024	2307
7440-70-2	Calcium	110000	D*	11/04/2024	2220
7440-47-3	Chromium	170	*	10/31/2024	2307
7440-48-4	Cobalt	17	*	10/31/2024	2307
7440-50-8	Copper	22		10/31/2024	2307
7439-89-6	Iron	32000		10/31/2024	2307
7439-92-1	Lead	7.0	*	10/31/2024	2307
7439-95-4	Magnesium	28000		10/31/2024	2307
7439-96-5	Manganese	410	*	10/31/2024	2307
7440-02-0	Nickel	120	*	10/31/2024	2307
7440-09-7	Potassium	1000		10/31/2024	2307
7782-49-2	Selenium	4.1	U	10/31/2024	2307
7440-22-4	Silver	1.2	U	10/31/2024	2307
7440-23-5	Sodium	560	J	10/31/2024	2307
7440-28-0	Thallium	2.9	U*	10/31/2024	2307
7440-62-2	Vanadium	120		10/31/2024	2307
7440-66-6	Zinc	49		10/31/2024	2307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCP7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1
 Matrix: SOIL Lab Sample ID: P4500-19
 % Solids: 32.4 Date Received: 10/23/2024
 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	14000		10/31/2024	2312
7440-36-0	Antimony	14	U*	10/31/2024	2312
7440-38-2	Arsenic	2.4	U*	10/31/2024	2312
7440-39-3	Barium	65	*	10/31/2024	2312
7440-41-7	Beryllium	1.1	J	10/31/2024	2312
7440-43-9	Cadmium	0.76	J	10/31/2024	2312
7440-70-2	Calcium	19000	*	10/31/2024	2312
7440-47-3	Chromium	370	*	10/31/2024	2312
7440-48-4	Cobalt	43	*	10/31/2024	2312
7440-50-8	Copper	43		10/31/2024	2312
7439-89-6	Iron	42000		10/31/2024	2312
7439-92-1	Lead	9.6	*	10/31/2024	2312
7439-95-4	Magnesium	21000		10/31/2024	2312
7439-96-5	Manganese	710	*	10/31/2024	2312
7440-02-0	Nickel	480	*	10/31/2024	2312
7440-09-7	Potassium	910	J	10/31/2024	2312
7782-49-2	Selenium	8.4	U	10/31/2024	2312
7440-22-4	Silver	2.4	U	10/31/2024	2312
7440-23-5	Sodium	1200		10/31/2024	2312
7440-28-0	Thallium	6.0	U*	10/31/2024	2312
7440-62-2	Vanadium	120		10/31/2024	2312
7440-66-6	Zinc	46		10/31/2024	2312

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCX2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-20

% Solids: 87.2 Date Received: 10/23/2024

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	12000		10/31/2024	2316
7440-36-0	Antimony	0.52	J*	10/31/2024	2316
7440-38-2	Arsenic	0.99	U*	10/31/2024	2316
7440-39-3	Barium	75	*	10/31/2024	2316
7440-41-7	Beryllium	0.70		10/31/2024	2316
7440-43-9	Cadmium	1.1		10/31/2024	2316
7440-70-2	Calcium	140000	D*	11/04/2024	2225
7440-47-3	Chromium	270	*	10/31/2024	2316
7440-48-4	Cobalt	30	*	10/31/2024	2316
7440-50-8	Copper	27		10/31/2024	2316
7439-89-6	Iron	30000		10/31/2024	2316
7439-92-1	Lead	210	*	10/31/2024	2316
7439-95-4	Magnesium	35000		10/31/2024	2316
7439-96-5	Manganese	570	*	10/31/2024	2316
7440-02-0	Nickel	350	*	10/31/2024	2316
7440-09-7	Potassium	830		10/31/2024	2316
7782-49-2	Selenium	3.5	U	10/31/2024	2316
7440-22-4	Silver	0.28	J	10/31/2024	2316
7440-23-5	Sodium	1500		10/31/2024	2316
7440-28-0	Thallium	2.5	U*	10/31/2024	2316
7440-62-2	Vanadium	77		10/31/2024	2316
7440-66-6	Zinc	53		10/31/2024	2316

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

Comments:

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MBHCX3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-21

% Solids: 81.8 Date Received: 10/23/2024

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	16000		10/31/2024	2321
7440-36-0	Antimony	6.6	U*	10/31/2024	2321
7440-38-2	Arsenic	1.1	U*	10/31/2024	2321
7440-39-3	Barium	66	*	10/31/2024	2321
7440-41-7	Beryllium	1.1		10/31/2024	2321
7440-43-9	Cadmium	1.3		10/31/2024	2321
7440-70-2	Calcium	53000	*	10/31/2024	2321
7440-47-3	Chromium	310	*	10/31/2024	2321
7440-48-4	Cobalt	38	*	10/31/2024	2321
7440-50-8	Copper	42		10/31/2024	2321
7439-89-6	Iron	44000		10/31/2024	2321
7439-92-1	Lead	10	*	10/31/2024	2321
7439-95-4	Magnesium	37000		10/31/2024	2321
7439-96-5	Manganese	530	*	10/31/2024	2321
7440-02-0	Nickel	430	*	10/31/2024	2321
7440-09-7	Potassium	1100		10/31/2024	2321
7782-49-2	Selenium	3.8	U	10/31/2024	2321
7440-22-4	Silver	1.1	U	10/31/2024	2321
7440-23-5	Sodium	860		10/31/2024	2321
7440-28-0	Thallium	2.7	U*	10/31/2024	2321
7440-62-2	Vanadium	120		10/31/2024	2321
7440-66-6	Zinc	56		10/31/2024	2321

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

Comments:

FORM 1 - IN
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MBHCZ6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCN1

Matrix: SOIL Lab Sample ID: P4500-22

% Solids: 84.8 Date Received: 10/23/2024

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	11000		10/31/2024	2325
7440-36-0	Antimony	5.9	U*	10/31/2024	2325
7440-38-2	Arsenic	0.98	U*	10/31/2024	2325
7440-39-3	Barium	57	*	10/31/2024	2325
7440-41-7	Beryllium	0.83		10/31/2024	2325
7440-43-9	Cadmium	1.1		10/31/2024	2325
7440-70-2	Calcium	49000	*	10/31/2024	2325
7440-47-3	Chromium	570	*	10/31/2024	2325
7440-48-4	Cobalt	40	*	10/31/2024	2325
7440-50-8	Copper	27		10/31/2024	2325
7439-89-6	Iron	38000		10/31/2024	2325
7439-92-1	Lead	11	*	10/31/2024	2325
7439-95-4	Magnesium	59000		10/31/2024	2325
7439-96-5	Manganese	530	*	10/31/2024	2325
7440-02-0	Nickel	720	D*	11/04/2024	2238
7440-09-7	Potassium	830		10/31/2024	2325
7782-49-2	Selenium	3.4	U	10/31/2024	2325
7440-22-4	Silver	0.98	U	10/31/2024	2325
7440-23-5	Sodium	1000		10/31/2024	2325
7440-28-0	Thallium	2.5	U*	10/31/2024	2325
7440-62-2	Vanadium	87		10/31/2024	2325
7440-66-6	Zinc	45		10/31/2024	2325

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

Comments: