

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ56

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-01

% Solids: 83.8 Date Received: 11/23/2024

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	2500		12/12/2024	2154
7440-36-0	Antimony	5.4	U*	12/12/2024	2154
7440-38-2	Arsenic	5.1		12/12/2024	2154
7440-39-3	Barium	230		12/12/2024	2154
7440-41-7	Beryllium	0.28	J	12/12/2024	2154
7440-43-9	Cadmium	0.88		12/12/2024	2154
7440-70-2	Calcium	140000	D	12/14/2024	0107
7440-47-3	Chromium	7.1		12/12/2024	2154
7440-48-4	Cobalt	7.8	*	12/12/2024	2154
7440-50-8	Copper	23		12/12/2024	2154
7439-89-6	Iron	10000		12/12/2024	2154
7439-92-1	Lead	100		12/12/2024	2154
7439-95-4	Magnesium	60000		12/12/2024	2154
7439-96-5	Manganese	950		12/12/2024	2154
7440-02-0	Nickel	15		12/12/2024	2154
7440-09-7	Potassium	810		12/12/2024	2154
7782-49-2	Selenium	3.2	U*	12/12/2024	2154
7440-22-4	Silver	0.74	J*	12/12/2024	2154
7440-23-5	Sodium	100	J	12/12/2024	2154
7440-28-0	Thallium	1.9	J	12/12/2024	2154
7440-62-2	Vanadium	5.7		12/12/2024	2154
7440-66-6	Zinc	190	*	12/12/2024	2154

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

Comments:

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MBHJ57

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-02

% Solids: 87.1 Date Received: 11/23/2024

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	2500		12/12/2024	2158
7440-36-0	Antimony	6.0	U*	12/12/2024	2158
7440-38-2	Arsenic	4.7		12/12/2024	2158
7440-39-3	Barium	150		12/12/2024	2158
7440-41-7	Beryllium	0.27	J	12/12/2024	2158
7440-43-9	Cadmium	0.75		12/12/2024	2158
7440-70-2	Calcium	150000	D	12/14/2024	0111
7440-47-3	Chromium	7.4		12/12/2024	2158
7440-48-4	Cobalt	7.7	*	12/12/2024	2158
7440-50-8	Copper	20		12/12/2024	2158
7439-89-6	Iron	10000		12/12/2024	2158
7439-92-1	Lead	96		12/12/2024	2158
7439-95-4	Magnesium	68000		12/12/2024	2158
7439-96-5	Manganese	920		12/12/2024	2158
7440-02-0	Nickel	16		12/12/2024	2158
7440-09-7	Potassium	680		12/12/2024	2158
7782-49-2	Selenium	3.5	U*	12/12/2024	2158
7440-22-4	Silver	0.72	J*	12/12/2024	2158
7440-23-5	Sodium	150	J	12/12/2024	2158
7440-28-0	Thallium	1.6	J	12/12/2024	2158
7440-62-2	Vanadium	7.3		12/12/2024	2158
7440-66-6	Zinc	150	*	12/12/2024	2158

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

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MBHJ58

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-03

% Solids: 93.9 Date Received: 11/23/2024

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	1800		12/12/2024	2202
7440-36-0	Antimony	5.4	U*	12/12/2024	2202
7440-38-2	Arsenic	4.6		12/12/2024	2202
7440-39-3	Barium	53		12/12/2024	2202
7440-41-7	Beryllium	0.21	J	12/12/2024	2202
7440-43-9	Cadmium	1.0		12/12/2024	2202
7440-70-2	Calcium	160000	D	12/14/2024	0154
7440-47-3	Chromium	7.1		12/12/2024	2202
7440-48-4	Cobalt	6.7	*	12/12/2024	2202
7440-50-8	Copper	11		12/12/2024	2202
7439-89-6	Iron	9400		12/12/2024	2202
7439-92-1	Lead	61		12/12/2024	2202
7439-95-4	Magnesium	76000	D	12/14/2024	0115
7439-96-5	Manganese	970		12/12/2024	2202
7440-02-0	Nickel	10		12/12/2024	2202
7440-09-7	Potassium	510		12/12/2024	2202
7782-49-2	Selenium	3.1	U*	12/12/2024	2202
7440-22-4	Silver	0.66	J*	12/12/2024	2202
7440-23-5	Sodium	120	J	12/12/2024	2202
7440-28-0	Thallium	1.7	J	12/12/2024	2202
7440-62-2	Vanadium	4.3	J	12/12/2024	2202
7440-66-6	Zinc	190	*	12/12/2024	2202

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

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MBHJ59

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-04

% Solids: 95.5 Date Received: 11/23/2024

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	1500		12/12/2024	2206
7440-36-0	Antimony	4.4	U*	12/12/2024	2206
7440-38-2	Arsenic	3.3		12/12/2024	2206
7440-39-3	Barium	25		12/12/2024	2206
7440-41-7	Beryllium	0.19	J	12/12/2024	2206
7440-43-9	Cadmium	0.98		12/12/2024	2206
7440-70-2	Calcium	180000	D	12/14/2024	0157
7440-47-3	Chromium	3.7		12/12/2024	2206
7440-48-4	Cobalt	5.9	*	12/12/2024	2206
7440-50-8	Copper	8.1		12/12/2024	2206
7439-89-6	Iron	8800		12/12/2024	2206
7439-92-1	Lead	150		12/12/2024	2206
7439-95-4	Magnesium	87000	D	12/14/2024	0119
7439-96-5	Manganese	940		12/12/2024	2206
7440-02-0	Nickel	7.8		12/12/2024	2206
7440-09-7	Potassium	460		12/12/2024	2206
7782-49-2	Selenium	2.6	U*	12/12/2024	2206
7440-22-4	Silver	0.59	J*	12/12/2024	2206
7440-23-5	Sodium	150	J	12/12/2024	2206
7440-28-0	Thallium	1.5	J	12/12/2024	2206
7440-62-2	Vanadium	4.2		12/12/2024	2206
7440-66-6	Zinc	170	*	12/12/2024	2206

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

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MBHJ60

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-05

% Solids: 95.8 Date Received: 11/23/2024

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	1200		12/12/2024	2210
7440-36-0	Antimony	5.4	U*	12/12/2024	2210
7440-38-2	Arsenic	3.9		12/12/2024	2210
7440-39-3	Barium	13	J	12/12/2024	2210
7440-41-7	Beryllium	0.17	J	12/12/2024	2210
7440-43-9	Cadmium	0.90		12/12/2024	2210
7440-70-2	Calcium	180000	D	12/14/2024	0201
7440-47-3	Chromium	3.0		12/12/2024	2210
7440-48-4	Cobalt	6.3	*	12/12/2024	2210
7440-50-8	Copper	6.7		12/12/2024	2210
7439-89-6	Iron	8600		12/12/2024	2210
7439-92-1	Lead	450		12/12/2024	2210
7439-95-4	Magnesium	95000	D	12/14/2024	0123
7439-96-5	Manganese	1000		12/12/2024	2210
7440-02-0	Nickel	6.0		12/12/2024	2210
7440-09-7	Potassium	540		12/12/2024	2210
7782-49-2	Selenium	3.2	U*	12/12/2024	2210
7440-22-4	Silver	0.76	J*	12/12/2024	2210
7440-23-5	Sodium	200	J	12/12/2024	2210
7440-28-0	Thallium	1.6	J	12/12/2024	2210
7440-62-2	Vanadium	3.2	J	12/12/2024	2210
7440-66-6	Zinc	160	*	12/12/2024	2210

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

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MBHJ61

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-06

% Solids: 91 Date Received: 11/23/2024

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	4200		12/12/2024	2214
7440-36-0	Antimony	5.3	U*	12/12/2024	2214
7440-38-2	Arsenic	5.0		12/12/2024	2214
7440-39-3	Barium	50		12/12/2024	2214
7440-41-7	Beryllium	0.35	J	12/12/2024	2214
7440-43-9	Cadmium	0.62		12/12/2024	2214
7440-70-2	Calcium	110000	D	12/14/2024	0127
7440-47-3	Chromium	6.7		12/12/2024	2214
7440-48-4	Cobalt	8.1	*	12/12/2024	2214
7440-50-8	Copper	26		12/12/2024	2214
7439-89-6	Iron	12000		12/12/2024	2214
7439-92-1	Lead	140		12/12/2024	2214
7439-95-4	Magnesium	50000		12/12/2024	2214
7439-96-5	Manganese	930		12/12/2024	2214
7440-02-0	Nickel	12		12/12/2024	2214
7440-09-7	Potassium	610		12/12/2024	2214
7782-49-2	Selenium	3.1	U*	12/12/2024	2214
7440-22-4	Silver	0.75	J*	12/12/2024	2214
7440-23-5	Sodium	95	J	12/12/2024	2214
7440-28-0	Thallium	1.6	J	12/12/2024	2214
7440-62-2	Vanadium	9.4		12/12/2024	2214
7440-66-6	Zinc	130	*	12/12/2024	2214

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

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MBHJ62

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-07

% Solids: 89.6 Date Received: 11/23/2024

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	6300		12/12/2024	2218
7440-36-0	Antimony	5.3	U*	12/12/2024	2218
7440-38-2	Arsenic	5.6		12/12/2024	2218
7440-39-3	Barium	81		12/12/2024	2218
7440-41-7	Beryllium	0.50		12/12/2024	2218
7440-43-9	Cadmium	0.53		12/12/2024	2218
7440-70-2	Calcium	56000		12/12/2024	2218
7440-47-3	Chromium	8.8		12/12/2024	2218
7440-48-4	Cobalt	9.6	*	12/12/2024	2218
7440-50-8	Copper	28		12/12/2024	2218
7439-89-6	Iron	14000		12/12/2024	2218
7439-92-1	Lead	160		12/12/2024	2218
7439-95-4	Magnesium	20000		12/12/2024	2218
7439-96-5	Manganese	770		12/12/2024	2218
7440-02-0	Nickel	17		12/12/2024	2218
7440-09-7	Potassium	750		12/12/2024	2218
7782-49-2	Selenium	3.1	U*	12/12/2024	2218
7440-22-4	Silver	0.77	J*	12/12/2024	2218
7440-23-5	Sodium	100	J	12/12/2024	2218
7440-28-0	Thallium	0.98	J	12/12/2024	2218
7440-62-2	Vanadium	14		12/12/2024	2218
7440-66-6	Zinc	110	*	12/12/2024	2218

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

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MBHJA5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-08

% Solids: 82.2 Date Received: 11/23/2024

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	7400		12/12/2024	2222
7440-36-0	Antimony	5.5	U*	12/12/2024	2222
7440-38-2	Arsenic	11		12/12/2024	2222
7440-39-3	Barium	73		12/12/2024	2222
7440-41-7	Beryllium	0.65		12/12/2024	2222
7440-43-9	Cadmium	0.78		12/12/2024	2222
7440-70-2	Calcium	64000		12/12/2024	2222
7440-47-3	Chromium	13		12/12/2024	2222
7440-48-4	Cobalt	11	*	12/12/2024	2222
7440-50-8	Copper	18		12/12/2024	2222
7439-89-6	Iron	18000		12/12/2024	2222
7439-92-1	Lead	67		12/12/2024	2222
7439-95-4	Magnesium	30000		12/12/2024	2222
7439-96-5	Manganese	720		12/12/2024	2222
7440-02-0	Nickel	24		12/12/2024	2222
7440-09-7	Potassium	1200		12/12/2024	2222
7782-49-2	Selenium	3.2	U*	12/12/2024	2222
7440-22-4	Silver	0.87	J*	12/12/2024	2222
7440-23-5	Sodium	450	U	12/12/2024	2222
7440-28-0	Thallium	0.86	J	12/12/2024	2222
7440-62-2	Vanadium	16		12/12/2024	2222
7440-66-6	Zinc	140	*	12/12/2024	2222

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

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MBHJA6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-09

% Solids: 92.8 Date Received: 11/23/2024

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	4900		12/12/2024	2225
7440-36-0	Antimony	4.9	U*	12/12/2024	2225
7440-38-2	Arsenic	11		12/12/2024	2225
7440-39-3	Barium	50		12/12/2024	2225
7440-41-7	Beryllium	0.44		12/12/2024	2225
7440-43-9	Cadmium	1.1		12/12/2024	2225
7440-70-2	Calcium	110000	D	12/15/2024	2019
7440-47-3	Chromium	9.0		12/12/2024	2225
7440-48-4	Cobalt	8.3	*	12/12/2024	2225
7440-50-8	Copper	12		12/12/2024	2225
7439-89-6	Iron	13000		12/12/2024	2225
7439-92-1	Lead	60		12/12/2024	2225
7439-95-4	Magnesium	54000		12/12/2024	2225
7439-96-5	Manganese	770		12/12/2024	2225
7440-02-0	Nickel	16		12/12/2024	2225
7440-09-7	Potassium	760		12/12/2024	2225
7782-49-2	Selenium	2.9	U*	12/12/2024	2225
7440-22-4	Silver	0.68	J*	12/12/2024	2225
7440-23-5	Sodium	110	J	12/12/2024	2225
7440-28-0	Thallium	1.1	J	12/12/2024	2225
7440-62-2	Vanadium	11		12/12/2024	2225
7440-66-6	Zinc	180	*	12/12/2024	2225

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

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MBHJA7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-10

% Solids: 90.6 Date Received: 11/23/2024

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	7200		12/13/2024	1611
7440-36-0	Antimony	2.2	J*	12/13/2024	1611
7440-38-2	Arsenic	8.3		12/13/2024	1611
7440-39-3	Barium	90		12/13/2024	1611
7440-41-7	Beryllium	0.61		12/13/2024	1611
7440-43-9	Cadmium	1.1		12/13/2024	1611
7440-70-2	Calcium	120000	D	12/15/2024	2023
7440-47-3	Chromium	11		12/13/2024	1611
7440-48-4	Cobalt	11	*	12/13/2024	1611
7440-50-8	Copper	16		12/13/2024	1611
7439-89-6	Iron	16000		12/13/2024	1611
7439-92-1	Lead	43		12/13/2024	1611
7439-95-4	Magnesium	47000		12/13/2024	1611
7439-96-5	Manganese	740		12/13/2024	1611
7440-02-0	Nickel	19		12/13/2024	1611
7440-09-7	Potassium	790		12/13/2024	1611
7782-49-2	Selenium	3.3	U*	12/13/2024	1611
7440-22-4	Silver	0.94	U*	12/13/2024	1611
7440-23-5	Sodium	220	J	12/13/2024	1611
7440-28-0	Thallium	2.5		12/13/2024	1611
7440-62-2	Vanadium	15		12/13/2024	1611
7440-66-6	Zinc	200	*	12/13/2024	1611

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

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MBHJA8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-11

% Solids: 87.5 Date Received: 11/23/2024

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	13000		12/13/2024	1615
7440-36-0	Antimony	4.9	J*	12/13/2024	1615
7440-38-2	Arsenic	8.8		12/13/2024	1615
7440-39-3	Barium	160		12/13/2024	1615
7440-41-7	Beryllium	1.1		12/13/2024	1615
7440-43-9	Cadmium	0.90		12/13/2024	1615
7440-70-2	Calcium	53000		12/13/2024	1615
7440-47-3	Chromium	19		12/13/2024	1615
7440-48-4	Cobalt	16	*	12/13/2024	1615
7440-50-8	Copper	27		12/13/2024	1615
7439-89-6	Iron	28000		12/13/2024	1615
7439-92-1	Lead	29		12/13/2024	1615
7439-95-4	Magnesium	16000		12/13/2024	1615
7439-96-5	Manganese	500		12/13/2024	1615
7440-02-0	Nickel	35		12/13/2024	1615
7440-09-7	Potassium	730		12/13/2024	1615
7782-49-2	Selenium	3.2	U*	12/13/2024	1615
7440-22-4	Silver	0.92	U*	12/13/2024	1615
7440-23-5	Sodium	270	J	12/13/2024	1615
7440-28-0	Thallium	1.4	J	12/13/2024	1615
7440-62-2	Vanadium	26		12/13/2024	1615
7440-66-6	Zinc	130	*	12/13/2024	1615

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJA9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-12

% Solids: 93.2 Date Received: 11/23/2024

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	6100		12/13/2024	1619
7440-36-0	Antimony	1.8	J*	12/13/2024	1619
7440-38-2	Arsenic	6.0		12/13/2024	1619
7440-39-3	Barium	82		12/13/2024	1619
7440-41-7	Beryllium	0.54		12/13/2024	1619
7440-43-9	Cadmium	1.6		12/13/2024	1619
7440-70-2	Calcium	130000	D	12/15/2024	2027
7440-47-3	Chromium	9.5		12/13/2024	1619
7440-48-4	Cobalt	11	*	12/13/2024	1619
7440-50-8	Copper	13		12/13/2024	1619
7439-89-6	Iron	16000		12/13/2024	1619
7439-92-1	Lead	32		12/13/2024	1619
7439-95-4	Magnesium	55000		12/13/2024	1619
7439-96-5	Manganese	690		12/13/2024	1619
7440-02-0	Nickel	18		12/13/2024	1619
7440-09-7	Potassium	540		12/13/2024	1619
7782-49-2	Selenium	3.1	U*	12/13/2024	1619
7440-22-4	Silver	0.88	U*	12/13/2024	1619
7440-23-5	Sodium	250	J	12/13/2024	1619
7440-28-0	Thallium	2.7		12/13/2024	1619
7440-62-2	Vanadium	13		12/13/2024	1619
7440-66-6	Zinc	290	*	12/13/2024	1619

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-13

% Solids: 66.9 Date Received: 11/23/2024

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	7300		12/13/2024	1623
7440-36-0	Antimony	3.2	J*	12/13/2024	1623
7440-38-2	Arsenic	19		12/13/2024	1623
7440-39-3	Barium	120		12/13/2024	1623
7440-41-7	Beryllium	0.71		12/13/2024	1623
7440-43-9	Cadmium	1.1		12/13/2024	1623
7440-70-2	Calcium	16000		12/13/2024	1623
7440-47-3	Chromium	15		12/13/2024	1623
7440-48-4	Cobalt	13	*	12/13/2024	1623
7440-50-8	Copper	40		12/13/2024	1623
7439-89-6	Iron	18000		12/13/2024	1623
7439-92-1	Lead	460		12/13/2024	1623
7439-95-4	Magnesium	3900		12/13/2024	1623
7439-96-5	Manganese	1500		12/13/2024	1623
7440-02-0	Nickel	30		12/13/2024	1623
7440-09-7	Potassium	270	J	12/13/2024	1623
7782-49-2	Selenium	4.0	U*	12/13/2024	1623
7440-22-4	Silver	1.1	U*	12/13/2024	1623
7440-23-5	Sodium	280	J	12/13/2024	1623
7440-28-0	Thallium	3.1		12/13/2024	1623
7440-62-2	Vanadium	20		12/13/2024	1623
7440-66-6	Zinc	230	*	12/13/2024	1623

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-14

% Solids: 72.8 Date Received: 11/23/2024

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	6900		12/13/2024	1627
7440-36-0	Antimony	3.3	J*	12/13/2024	1627
7440-38-2	Arsenic	19		12/13/2024	1627
7440-39-3	Barium	120		12/13/2024	1627
7440-41-7	Beryllium	0.70		12/13/2024	1627
7440-43-9	Cadmium	1.1		12/13/2024	1627
7440-70-2	Calcium	21000		12/13/2024	1627
7440-47-3	Chromium	14		12/13/2024	1627
7440-48-4	Cobalt	13	*	12/13/2024	1627
7440-50-8	Copper	37		12/13/2024	1627
7439-89-6	Iron	19000		12/13/2024	1627
7439-92-1	Lead	430		12/13/2024	1627
7439-95-4	Magnesium	3900		12/13/2024	1627
7439-96-5	Manganese	1500		12/13/2024	1627
7440-02-0	Nickel	28		12/13/2024	1627
7440-09-7	Potassium	310	J	12/13/2024	1627
7782-49-2	Selenium	3.3	U*	12/13/2024	1627
7440-22-4	Silver	0.94	U*	12/13/2024	1627
7440-23-5	Sodium	260	J	12/13/2024	1627
7440-28-0	Thallium	2.8		12/13/2024	1627
7440-62-2	Vanadium	20		12/13/2024	1627
7440-66-6	Zinc	210	*	12/13/2024	1627

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-15

% Solids: 81.4 Date Received: 11/23/2024

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	6900		12/13/2024	1631
7440-36-0	Antimony	5.6	*	12/13/2024	1631
7440-38-2	Arsenic	68		12/13/2024	1631
7440-39-3	Barium	120		12/13/2024	1631
7440-41-7	Beryllium	0.81		12/13/2024	1631
7440-43-9	Cadmium	1.1		12/13/2024	1631
7440-70-2	Calcium	14000		12/13/2024	1631
7440-47-3	Chromium	12		12/13/2024	1631
7440-48-4	Cobalt	15	*	12/13/2024	1631
7440-50-8	Copper	160		12/13/2024	1631
7439-89-6	Iron	29000		12/13/2024	1631
7439-92-1	Lead	200		12/13/2024	1631
7439-95-4	Magnesium	2900		12/13/2024	1631
7439-96-5	Manganese	1700		12/13/2024	1631
7440-02-0	Nickel	23		12/13/2024	1631
7440-09-7	Potassium	470		12/13/2024	1631
7782-49-2	Selenium	1.1	J*	12/13/2024	1631
7440-22-4	Silver	78	*	12/13/2024	1631
7440-23-5	Sodium	200	J	12/13/2024	1631
7440-28-0	Thallium	2.4		12/13/2024	1631
7440-62-2	Vanadium	20		12/13/2024	1631
7440-66-6	Zinc	95	*	12/13/2024	1631

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-16

% Solids: 83.2 Date Received: 11/23/2024

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	5400		12/13/2024	1634
7440-36-0	Antimony	1.8	J*	12/13/2024	1634
7440-38-2	Arsenic	9.7		12/13/2024	1634
7440-39-3	Barium	66		12/13/2024	1634
7440-41-7	Beryllium	0.53		12/13/2024	1634
7440-43-9	Cadmium	0.47		12/13/2024	1634
7440-70-2	Calcium	91000	D	12/15/2024	2030
7440-47-3	Chromium	8.3		12/13/2024	1634
7440-48-4	Cobalt	12	*	12/13/2024	1634
7440-50-8	Copper	27		12/13/2024	1634
7439-89-6	Iron	14000		12/13/2024	1634
7439-92-1	Lead	85		12/13/2024	1634
7439-95-4	Magnesium	3300		12/13/2024	1634
7439-96-5	Manganese	990		12/13/2024	1634
7440-02-0	Nickel	16		12/13/2024	1634
7440-09-7	Potassium	660		12/13/2024	1634
7782-49-2	Selenium	2.9	U*	12/13/2024	1634
7440-22-4	Silver	0.82	U*	12/13/2024	1634
7440-23-5	Sodium	190	J	12/13/2024	1634
7440-28-0	Thallium	2.9		12/13/2024	1634
7440-62-2	Vanadium	13		12/13/2024	1634
7440-66-6	Zinc	50	*	12/13/2024	1634

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-17

% Solids: 82 Date Received: 11/23/2024

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	4200		12/13/2024	1638
7440-36-0	Antimony	2.0	J*	12/13/2024	1638
7440-38-2	Arsenic	12		12/13/2024	1638
7440-39-3	Barium	65		12/13/2024	1638
7440-41-7	Beryllium	0.40	J	12/13/2024	1638
7440-43-9	Cadmium	0.47	J	12/13/2024	1638
7440-70-2	Calcium	130000	D	12/15/2024	2034
7440-47-3	Chromium	7.6		12/13/2024	1638
7440-48-4	Cobalt	11	*	12/13/2024	1638
7440-50-8	Copper	43		12/13/2024	1638
7439-89-6	Iron	15000		12/13/2024	1638
7439-92-1	Lead	110		12/13/2024	1638
7439-95-4	Magnesium	2500		12/13/2024	1638
7439-96-5	Manganese	1700		12/13/2024	1638
7440-02-0	Nickel	14		12/13/2024	1638
7440-09-7	Potassium	330	J	12/13/2024	1638
7782-49-2	Selenium	3.4	U*	12/13/2024	1638
7440-22-4	Silver	0.98	U*	12/13/2024	1638
7440-23-5	Sodium	250	J	12/13/2024	1638
7440-28-0	Thallium	5.0		12/13/2024	1638
7440-62-2	Vanadium	12		12/13/2024	1638
7440-66-6	Zinc	55	*	12/13/2024	1638

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-18

% Solids: 81.3 Date Received: 11/23/2024

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	5300		12/11/2024	1747
7440-36-0	Antimony	5.3	U*	12/11/2024	1747
7440-38-2	Arsenic	9.7		12/11/2024	1747
7440-39-3	Barium	60		12/11/2024	1747
7440-41-7	Beryllium	0.43	J	12/11/2024	1747
7440-43-9	Cadmium	0.32	J	12/11/2024	1747
7440-70-2	Calcium	120000	D	12/13/2024	2002
7440-47-3	Chromium	8.1		12/11/2024	1747
7440-48-4	Cobalt	12	*	12/11/2024	1747
7440-50-8	Copper	36		12/11/2024	1747
7439-89-6	Iron	13000		12/11/2024	1747
7439-92-1	Lead	110		12/11/2024	1747
7439-95-4	Magnesium	2700		12/11/2024	1747
7439-96-5	Manganese	1200		12/11/2024	1747
7440-02-0	Nickel	16		12/11/2024	1747
7440-09-7	Potassium	570		12/11/2024	1747
7782-49-2	Selenium	3.1	U*	12/11/2024	1747
7440-22-4	Silver	0.89	U*	12/11/2024	1747
7440-23-5	Sodium	440	U	12/11/2024	1747
7440-28-0	Thallium	0.91	J	12/11/2024	1747
7440-62-2	Vanadium	11		12/11/2024	1747
7440-66-6	Zinc	69	*	12/11/2024	1747

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJD0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56
 Matrix: SOIL Lab Sample ID: P4981-21
 % Solids: 79.7 Date Received: 11/23/2024
 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	5500		12/13/2024	1642
7440-36-0	Antimony	2.0	J*	12/13/2024	1642
7440-38-2	Arsenic	10		12/13/2024	1642
7440-39-3	Barium	63		12/13/2024	1642
7440-41-7	Beryllium	0.48	J	12/13/2024	1642
7440-43-9	Cadmium	0.47	J	12/13/2024	1642
7440-70-2	Calcium	110000	D	12/15/2024	2038
7440-47-3	Chromium	8.6		12/13/2024	1642
7440-48-4	Cobalt	12	*	12/13/2024	1642
7440-50-8	Copper	38		12/13/2024	1642
7439-89-6	Iron	15000		12/13/2024	1642
7439-92-1	Lead	110		12/13/2024	1642
7439-95-4	Magnesium	3100		12/13/2024	1642
7439-96-5	Manganese	1200		12/13/2024	1642
7440-02-0	Nickel	17		12/13/2024	1642
7440-09-7	Potassium	380	J	12/13/2024	1642
7782-49-2	Selenium	3.4	U*	12/13/2024	1642
7440-22-4	Silver	0.98	U*	12/13/2024	1642
7440-23-5	Sodium	210	J	12/13/2024	1642
7440-28-0	Thallium	3.2		12/13/2024	1642
7440-62-2	Vanadium	12		12/13/2024	1642
7440-66-6	Zinc	75	*	12/13/2024	1642

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJE8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ56

Matrix: SOIL Lab Sample ID: P4981-22

% Solids: 89.6 Date Received: 11/23/2024

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	6500		12/13/2024	1709
7440-36-0	Antimony	2.2	J*	12/13/2024	1709
7440-38-2	Arsenic	5.8		12/13/2024	1709
7440-39-3	Barium	86		12/13/2024	1709
7440-41-7	Beryllium	0.48		12/13/2024	1709
7440-43-9	Cadmium	0.67		12/13/2024	1709
7440-70-2	Calcium	62000		12/13/2024	1709
7440-47-3	Chromium	8.9		12/13/2024	1709
7440-48-4	Cobalt	10	*	12/13/2024	1709
7440-50-8	Copper	30		12/13/2024	1709
7439-89-6	Iron	15000		12/13/2024	1709
7439-92-1	Lead	160		12/13/2024	1709
7439-95-4	Magnesium	24000		12/13/2024	1709
7439-96-5	Manganese	790		12/13/2024	1709
7440-02-0	Nickel	17		12/13/2024	1709
7440-09-7	Potassium	660		12/13/2024	1709
7782-49-2	Selenium	3.2	U*	12/13/2024	1709
7440-22-4	Silver	0.92	U*	12/13/2024	1709
7440-23-5	Sodium	220	J	12/13/2024	1709
7440-28-0	Thallium	2.8		12/13/2024	1709
7440-62-2	Vanadium	14		12/13/2024	1709
7440-66-6	Zinc	130	*	12/13/2024	1709

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

Comments: