

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKR0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-01

% Solids: 78.4 Date Received: 12/03/2024

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	6700		12/29/2024	1125
7440-36-0	Antimony	9.9		12/29/2024	1125
7440-38-2	Arsenic	15		12/29/2024	1125
7440-39-3	Barium	140		12/29/2024	1125
7440-41-7	Beryllium	1.2		12/29/2024	1125
7440-43-9	Cadmium	0.77		12/29/2024	1125
7440-70-2	Calcium	13000		12/29/2024	1125
7440-47-3	Chromium	12		12/29/2024	1125
7440-48-4	Cobalt	11	*	12/29/2024	1125
7440-50-8	Copper	29	*	12/29/2024	1125
7439-89-6	Iron	15000		12/29/2024	1125
7439-92-1	Lead	130		12/29/2024	1125
7439-95-4	Magnesium	4000		12/29/2024	1125
7439-96-5	Manganese	1400		12/29/2024	1125
7440-02-0	Nickel	22		12/29/2024	1125
7440-09-7	Potassium	1100		12/29/2024	1125
7782-49-2	Selenium	7.3		12/29/2024	1125
7440-22-4	Silver	0.91	U*	12/29/2024	1125
7440-23-5	Sodium	270	J	12/29/2024	1125
7440-28-0	Thallium	2.3	U*	12/29/2024	1125
7440-62-2	Vanadium	20		12/29/2024	1125
7440-66-6	Zinc	180	*	12/29/2024	1125

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

Comments:

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MBHKR1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-02

% Solids: 86.3 Date Received: 12/03/2024

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		12/29/2024	1129
7440-36-0	Antimony	0.96	J	12/29/2024	1129
7440-38-2	Arsenic	16		12/29/2024	1129
7440-39-3	Barium	110		12/29/2024	1129
7440-41-7	Beryllium	1.3		12/29/2024	1129
7440-43-9	Cadmium	0.64		12/29/2024	1129
7440-70-2	Calcium	13000		12/29/2024	1129
7440-47-3	Chromium	10		12/29/2024	1129
7440-48-4	Cobalt	6.9	*	12/29/2024	1129
7440-50-8	Copper	25	*	12/29/2024	1129
7439-89-6	Iron	13000		12/29/2024	1129
7439-92-1	Lead	140		12/29/2024	1129
7439-95-4	Magnesium	3100		12/29/2024	1129
7439-96-5	Manganese	760		12/29/2024	1129
7440-02-0	Nickel	21		12/29/2024	1129
7440-09-7	Potassium	880		12/29/2024	1129
7782-49-2	Selenium	5.3		12/29/2024	1129
7440-22-4	Silver	0.88	U*	12/29/2024	1129
7440-23-5	Sodium	100	J	12/29/2024	1129
7440-28-0	Thallium	2.2	U*	12/29/2024	1129
7440-62-2	Vanadium	18		12/29/2024	1129
7440-66-6	Zinc	120	*	12/29/2024	1129

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

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MBHKR2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-03

% Solids: 88.6 Date Received: 12/03/2024

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	8300		12/29/2024	1133
7440-36-0	Antimony	0.72	J	12/29/2024	1133
7440-38-2	Arsenic	19		12/29/2024	1133
7440-39-3	Barium	130		12/29/2024	1133
7440-41-7	Beryllium	1.3		12/29/2024	1133
7440-43-9	Cadmium	0.63		12/29/2024	1133
7440-70-2	Calcium	17000		12/29/2024	1133
7440-47-3	Chromium	12		12/29/2024	1133
7440-48-4	Cobalt	11	*	12/29/2024	1133
7440-50-8	Copper	34	*	12/29/2024	1133
7439-89-6	Iron	13000		12/29/2024	1133
7439-92-1	Lead	110		12/29/2024	1133
7439-95-4	Magnesium	4000		12/29/2024	1133
7439-96-5	Manganese	440		12/29/2024	1133
7440-02-0	Nickel	24		12/29/2024	1133
7440-09-7	Potassium	930		12/29/2024	1133
7782-49-2	Selenium	4.7		12/29/2024	1133
7440-22-4	Silver	0.91	U*	12/29/2024	1133
7440-23-5	Sodium	130	J	12/29/2024	1133
7440-28-0	Thallium	2.3	U*	12/29/2024	1133
7440-62-2	Vanadium	25		12/29/2024	1133
7440-66-6	Zinc	150	*	12/29/2024	1133

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

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MBHKR3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-06

% Solids: 90.2 Date Received: 12/03/2024

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	6000		12/29/2024	1148
7440-36-0	Antimony	1.2	J	12/29/2024	1148
7440-38-2	Arsenic	13		12/29/2024	1148
7440-39-3	Barium	79		12/29/2024	1148
7440-41-7	Beryllium	1.1		12/29/2024	1148
7440-43-9	Cadmium	0.72		12/29/2024	1148
7440-70-2	Calcium	40000		12/29/2024	1148
7440-47-3	Chromium	9.6		12/29/2024	1148
7440-48-4	Cobalt	8.2	*	12/29/2024	1148
7440-50-8	Copper	24	*	12/29/2024	1148
7439-89-6	Iron	15000		12/29/2024	1148
7439-92-1	Lead	62		12/29/2024	1148
7439-95-4	Magnesium	6500		12/29/2024	1148
7439-96-5	Manganese	1100		12/29/2024	1148
7440-02-0	Nickel	17		12/29/2024	1148
7440-09-7	Potassium	770		12/29/2024	1148
7782-49-2	Selenium	6.4		12/29/2024	1148
7440-22-4	Silver	0.83	U*	12/29/2024	1148
7440-23-5	Sodium	420	U	12/29/2024	1148
7440-28-0	Thallium	2.1	U*	12/29/2024	1148
7440-62-2	Vanadium	14		12/29/2024	1148
7440-66-6	Zinc	130	*	12/29/2024	1148

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

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MBHKR4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-07

% Solids: 89.3 Date Received: 12/03/2024

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		12/29/2024	1152
7440-36-0	Antimony	1.8	J	12/29/2024	1152
7440-38-2	Arsenic	11		12/29/2024	1152
7440-39-3	Barium	99		12/29/2024	1152
7440-41-7	Beryllium	1.1		12/29/2024	1152
7440-43-9	Cadmium	0.58		12/29/2024	1152
7440-70-2	Calcium	15000		12/29/2024	1152
7440-47-3	Chromium	15		12/29/2024	1152
7440-48-4	Cobalt	7.1	*	12/29/2024	1152
7440-50-8	Copper	18	*	12/29/2024	1152
7439-89-6	Iron	15000		12/29/2024	1152
7439-92-1	Lead	120		12/29/2024	1152
7439-95-4	Magnesium	3300		12/29/2024	1152
7439-96-5	Manganese	1200		12/29/2024	1152
7440-02-0	Nickel	17		12/29/2024	1152
7440-09-7	Potassium	670		12/29/2024	1152
7782-49-2	Selenium	7.5		12/29/2024	1152
7440-22-4	Silver	0.78	U*	12/29/2024	1152
7440-23-5	Sodium	390	U	12/29/2024	1152
7440-28-0	Thallium	1.9	U*	12/29/2024	1152
7440-62-2	Vanadium	14		12/29/2024	1152
7440-66-6	Zinc	67	*	12/29/2024	1152

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

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MBHKR5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-08

% Solids: 90.3 Date Received: 12/03/2024

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	6700		12/29/2024	1156
7440-36-0	Antimony	2.2	J	12/29/2024	1156
7440-38-2	Arsenic	9.5		12/29/2024	1156
7440-39-3	Barium	73		12/29/2024	1156
7440-41-7	Beryllium	1.1		12/29/2024	1156
7440-43-9	Cadmium	0.45		12/29/2024	1156
7440-70-2	Calcium	5100		12/29/2024	1156
7440-47-3	Chromium	8.8		12/29/2024	1156
7440-48-4	Cobalt	6.0	*	12/29/2024	1156
7440-50-8	Copper	14	*	12/29/2024	1156
7439-89-6	Iron	15000		12/29/2024	1156
7439-92-1	Lead	29		12/29/2024	1156
7439-95-4	Magnesium	1900		12/29/2024	1156
7439-96-5	Manganese	1300		12/29/2024	1156
7440-02-0	Nickel	11		12/29/2024	1156
7440-09-7	Potassium	450		12/29/2024	1156
7782-49-2	Selenium	8.7		12/29/2024	1156
7440-22-4	Silver	0.88	U*	12/29/2024	1156
7440-23-5	Sodium	440	U	12/29/2024	1156
7440-28-0	Thallium	2.2	U*	12/29/2024	1156
7440-62-2	Vanadium	15		12/29/2024	1156
7440-66-6	Zinc	44	*	12/29/2024	1156

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

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MBHKR6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-09

% Solids: 91.7 Date Received: 12/03/2024

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		12/29/2024	1200
7440-36-0	Antimony	1.6	J	12/29/2024	1200
7440-38-2	Arsenic	6.7		12/29/2024	1200
7440-39-3	Barium	70		12/29/2024	1200
7440-41-7	Beryllium	0.92		12/29/2024	1200
7440-43-9	Cadmium	0.42	J	12/29/2024	1200
7440-70-2	Calcium	5000		12/29/2024	1200
7440-47-3	Chromium	8.5		12/29/2024	1200
7440-48-4	Cobalt	4.7	*	12/29/2024	1200
7440-50-8	Copper	10	*	12/29/2024	1200
7439-89-6	Iron	14000		12/29/2024	1200
7439-92-1	Lead	24		12/29/2024	1200
7439-95-4	Magnesium	1400		12/29/2024	1200
7439-96-5	Manganese	1200		12/29/2024	1200
7440-02-0	Nickel	8.7		12/29/2024	1200
7440-09-7	Potassium	300	J	12/29/2024	1200
7782-49-2	Selenium	7.2		12/29/2024	1200
7440-22-4	Silver	0.85	U*	12/29/2024	1200
7440-23-5	Sodium	430	U	12/29/2024	1200
7440-28-0	Thallium	2.1	U*	12/29/2024	1200
7440-62-2	Vanadium	14		12/29/2024	1200
7440-66-6	Zinc	38	*	12/29/2024	1200

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

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MBHKR7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-10

% Solids: 71.5 Date Received: 12/03/2024

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	6700		12/29/2024	1204
7440-36-0	Antimony	1.4	J	12/29/2024	1204
7440-38-2	Arsenic	13		12/29/2024	1204
7440-39-3	Barium	150		12/29/2024	1204
7440-41-7	Beryllium	1.2		12/29/2024	1204
7440-43-9	Cadmium	0.89		12/29/2024	1204
7440-70-2	Calcium	9800		12/29/2024	1204
7440-47-3	Chromium	13		12/29/2024	1204
7440-48-4	Cobalt	5.8	*	12/29/2024	1204
7440-50-8	Copper	34	*	12/29/2024	1204
7439-89-6	Iron	15000		12/29/2024	1204
7439-92-1	Lead	190		12/29/2024	1204
7439-95-4	Magnesium	3100		12/29/2024	1204
7439-96-5	Manganese	760		12/29/2024	1204
7440-02-0	Nickel	22		12/29/2024	1204
7440-09-7	Potassium	830		12/29/2024	1204
7782-49-2	Selenium	7.2		12/29/2024	1204
7440-22-4	Silver	0.95	U*	12/29/2024	1204
7440-23-5	Sodium	480	U	12/29/2024	1204
7440-28-0	Thallium	2.4	U*	12/29/2024	1204
7440-62-2	Vanadium	18		12/29/2024	1204
7440-66-6	Zinc	190	*	12/29/2024	1204

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

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MBHKR9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-11

% Solids: 82.2 Date Received: 12/03/2024

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	7000		12/29/2024	1207
7440-36-0	Antimony	1.8	J	12/29/2024	1207
7440-38-2	Arsenic	19		12/29/2024	1207
7440-39-3	Barium	160		12/29/2024	1207
7440-41-7	Beryllium	1.3		12/29/2024	1207
7440-43-9	Cadmium	0.84		12/29/2024	1207
7440-70-2	Calcium	11000		12/29/2024	1207
7440-47-3	Chromium	12		12/29/2024	1207
7440-48-4	Cobalt	6.0	*	12/29/2024	1207
7440-50-8	Copper	38	*	12/29/2024	1207
7439-89-6	Iron	16000		12/29/2024	1207
7439-92-1	Lead	190		12/29/2024	1207
7439-95-4	Magnesium	2800		12/29/2024	1207
7439-96-5	Manganese	960		12/29/2024	1207
7440-02-0	Nickel	20		12/29/2024	1207
7440-09-7	Potassium	660		12/29/2024	1207
7782-49-2	Selenium	8.1		12/29/2024	1207
7440-22-4	Silver	0.86	U*	12/29/2024	1207
7440-23-5	Sodium	430	U	12/29/2024	1207
7440-28-0	Thallium	2.1	U*	12/29/2024	1207
7440-62-2	Vanadium	23		12/29/2024	1207
7440-66-6	Zinc	120	*	12/29/2024	1207

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

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MBHKS0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-12

% Solids: 82.9 Date Received: 12/03/2024

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		12/29/2024	1228
7440-36-0	Antimony	1.6	J	12/29/2024	1228
7440-38-2	Arsenic	21		12/29/2024	1228
7440-39-3	Barium	160		12/29/2024	1228
7440-41-7	Beryllium	1.3		12/29/2024	1228
7440-43-9	Cadmium	0.80		12/29/2024	1228
7440-70-2	Calcium	11000		12/29/2024	1228
7440-47-3	Chromium	14		12/29/2024	1228
7440-48-4	Cobalt	5.7	*	12/29/2024	1228
7440-50-8	Copper	46	*	12/29/2024	1228
7439-89-6	Iron	17000		12/29/2024	1228
7439-92-1	Lead	150		12/29/2024	1228
7439-95-4	Magnesium	2300		12/29/2024	1228
7439-96-5	Manganese	1200		12/29/2024	1228
7440-02-0	Nickel	17		12/29/2024	1228
7440-09-7	Potassium	750		12/29/2024	1228
7782-49-2	Selenium	8.9		12/29/2024	1228
7440-22-4	Silver	0.96	U*	12/29/2024	1228
7440-23-5	Sodium	480	U	12/29/2024	1228
7440-28-0	Thallium	2.4	U*	12/29/2024	1228
7440-62-2	Vanadium	20		12/29/2024	1228
7440-66-6	Zinc	100	*	12/29/2024	1228

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

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MBHKS1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-13

% Solids: 84.2 Date Received: 12/03/2024

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		12/29/2024	1232
7440-36-0	Antimony	2.3	J	12/29/2024	1232
7440-38-2	Arsenic	16		12/29/2024	1232
7440-39-3	Barium	170		12/29/2024	1232
7440-41-7	Beryllium	1.3		12/29/2024	1232
7440-43-9	Cadmium	0.93		12/29/2024	1232
7440-70-2	Calcium	6400		12/29/2024	1232
7440-47-3	Chromium	11		12/29/2024	1232
7440-48-4	Cobalt	7.0	*	12/29/2024	1232
7440-50-8	Copper	30	*	12/29/2024	1232
7439-89-6	Iron	18000		12/29/2024	1232
7439-92-1	Lead	88		12/29/2024	1232
7439-95-4	Magnesium	2300		12/29/2024	1232
7439-96-5	Manganese	1900		12/29/2024	1232
7440-02-0	Nickel	17		12/29/2024	1232
7440-09-7	Potassium	720		12/29/2024	1232
7782-49-2	Selenium	9.9		12/29/2024	1232
7440-22-4	Silver	0.13	J*	12/29/2024	1232
7440-23-5	Sodium	430	U	12/29/2024	1232
7440-28-0	Thallium	2.2	U*	12/29/2024	1232
7440-62-2	Vanadium	17		12/29/2024	1232
7440-66-6	Zinc	66	*	12/29/2024	1232

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKS2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-14

% Solids: 83.1 Date Received: 12/03/2024

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	8300		12/29/2024	1236
7440-36-0	Antimony	2.5	J	12/29/2024	1236
7440-38-2	Arsenic	17		12/29/2024	1236
7440-39-3	Barium	170		12/29/2024	1236
7440-41-7	Beryllium	1.3		12/29/2024	1236
7440-43-9	Cadmium	0.98		12/29/2024	1236
7440-70-2	Calcium	5200		12/29/2024	1236
7440-47-3	Chromium	12		12/29/2024	1236
7440-48-4	Cobalt	7.2	*	12/29/2024	1236
7440-50-8	Copper	26	*	12/29/2024	1236
7439-89-6	Iron	19000		12/29/2024	1236
7439-92-1	Lead	52		12/29/2024	1236
7439-95-4	Magnesium	2200		12/29/2024	1236
7439-96-5	Manganese	2300		12/29/2024	1236
7440-02-0	Nickel	18		12/29/2024	1236
7440-09-7	Potassium	730		12/29/2024	1236
7782-49-2	Selenium	11		12/29/2024	1236
7440-22-4	Silver	0.13	J*	12/29/2024	1236
7440-23-5	Sodium	510	U	12/29/2024	1236
7440-28-0	Thallium	2.6	U*	12/29/2024	1236
7440-62-2	Vanadium	17		12/29/2024	1236
7440-66-6	Zinc	65	*	12/29/2024	1236

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKS3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-15

% Solids: 89.5 Date Received: 12/03/2024

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		12/29/2024	1239
7440-36-0	Antimony	0.88	J	12/29/2024	1239
7440-38-2	Arsenic	7.9		12/29/2024	1239
7440-39-3	Barium	97		12/29/2024	1239
7440-41-7	Beryllium	0.86		12/29/2024	1239
7440-43-9	Cadmium	0.32	J	12/29/2024	1239
7440-70-2	Calcium	14000		12/29/2024	1239
7440-47-3	Chromium	7.4		12/29/2024	1239
7440-48-4	Cobalt	5.4	*	12/29/2024	1239
7440-50-8	Copper	13	*	12/29/2024	1239
7439-89-6	Iron	12000		12/29/2024	1239
7439-92-1	Lead	23		12/29/2024	1239
7439-95-4	Magnesium	4400		12/29/2024	1239
7439-96-5	Manganese	890		12/29/2024	1239
7440-02-0	Nickel	11		12/29/2024	1239
7440-09-7	Potassium	430	J	12/29/2024	1239
7782-49-2	Selenium	5.0		12/29/2024	1239
7440-22-4	Silver	0.90	U*	12/29/2024	1239
7440-23-5	Sodium	450	U	12/29/2024	1239
7440-28-0	Thallium	2.3	U*	12/29/2024	1239
7440-62-2	Vanadium	12		12/29/2024	1239
7440-66-6	Zinc	34	*	12/29/2024	1239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKT8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-16

% Solids: 67.6 Date Received: 12/03/2024

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		12/29/2024	1243
7440-36-0	Antimony	1.5	J	12/29/2024	1243
7440-38-2	Arsenic	13		12/29/2024	1243
7440-39-3	Barium	160		12/29/2024	1243
7440-41-7	Beryllium	1.3		12/29/2024	1243
7440-43-9	Cadmium	0.99		12/29/2024	1243
7440-70-2	Calcium	19000		12/29/2024	1243
7440-47-3	Chromium	18		12/29/2024	1243
7440-48-4	Cobalt	6.7	*	12/29/2024	1243
7440-50-8	Copper	37	*	12/29/2024	1243
7439-89-6	Iron	17000		12/29/2024	1243
7439-92-1	Lead	160		12/29/2024	1243
7439-95-4	Magnesium	4100		12/29/2024	1243
7439-96-5	Manganese	920		12/29/2024	1243
7440-02-0	Nickel	20		12/29/2024	1243
7440-09-7	Potassium	1400		12/29/2024	1243
7782-49-2	Selenium	7.8		12/29/2024	1243
7440-22-4	Silver	0.11	J*	12/29/2024	1243
7440-23-5	Sodium	600	U	12/29/2024	1243
7440-28-0	Thallium	3.0	U*	12/29/2024	1243
7440-62-2	Vanadium	18		12/29/2024	1243
7440-66-6	Zinc	190	*	12/29/2024	1243

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKT9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-17

% Solids: 74.5 Date Received: 12/03/2024

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		12/29/2024	1247
7440-36-0	Antimony	1.4	J	12/29/2024	1247
7440-38-2	Arsenic	14		12/29/2024	1247
7440-39-3	Barium	160		12/29/2024	1247
7440-41-7	Beryllium	1.3		12/29/2024	1247
7440-43-9	Cadmium	1.1		12/29/2024	1247
7440-70-2	Calcium	17000		12/29/2024	1247
7440-47-3	Chromium	20		12/29/2024	1247
7440-48-4	Cobalt	6.4	*	12/29/2024	1247
7440-50-8	Copper	39	*	12/29/2024	1247
7439-89-6	Iron	17000		12/29/2024	1247
7439-92-1	Lead	180		12/29/2024	1247
7439-95-4	Magnesium	4100		12/29/2024	1247
7439-96-5	Manganese	900		12/29/2024	1247
7440-02-0	Nickel	22		12/29/2024	1247
7440-09-7	Potassium	1200		12/29/2024	1247
7782-49-2	Selenium	8.1		12/29/2024	1247
7440-22-4	Silver	1.1	U*	12/29/2024	1247
7440-23-5	Sodium	530	U	12/29/2024	1247
7440-28-0	Thallium	2.7	U*	12/29/2024	1247
7440-62-2	Vanadium	18		12/29/2024	1247
7440-66-6	Zinc	190	*	12/29/2024	1247

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-18

% Solids: 79.7 Date Received: 12/03/2024

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		12/29/2024	1251
7440-36-0	Antimony	5.7	U	12/29/2024	1251
7440-38-2	Arsenic	17		12/29/2024	1251
7440-39-3	Barium	160		12/29/2024	1251
7440-41-7	Beryllium	1.4		12/29/2024	1251
7440-43-9	Cadmium	0.95		12/29/2024	1251
7440-70-2	Calcium	14000		12/29/2024	1251
7440-47-3	Chromium	16		12/29/2024	1251
7440-48-4	Cobalt	6.4	*	12/29/2024	1251
7440-50-8	Copper	47	*	12/29/2024	1251
7439-89-6	Iron	19000		12/29/2024	1251
7439-92-1	Lead	2200		12/29/2024	1251
7439-95-4	Magnesium	3500		12/29/2024	1251
7439-96-5	Manganese	1100		12/29/2024	1251
7440-02-0	Nickel	19		12/29/2024	1251
7440-09-7	Potassium	1100		12/29/2024	1251
7782-49-2	Selenium	9.9		12/29/2024	1251
7440-22-4	Silver	0.95	U*	12/29/2024	1251
7440-23-5	Sodium	480	U	12/29/2024	1251
7440-28-0	Thallium	2.4	U*	12/29/2024	1251
7440-62-2	Vanadium	20		12/29/2024	1251
7440-66-6	Zinc	140	*	12/29/2024	1251

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-19

% Solids: 85.3 Date Received: 12/03/2024

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		12/29/2024	1255
7440-36-0	Antimony	1.7	J	12/29/2024	1255
7440-38-2	Arsenic	12		12/29/2024	1255
7440-39-3	Barium	100		12/29/2024	1255
7440-41-7	Beryllium	1.1		12/29/2024	1255
7440-43-9	Cadmium	0.49		12/29/2024	1255
7440-70-2	Calcium	30000		12/29/2024	1255
7440-47-3	Chromium	10		12/29/2024	1255
7440-48-4	Cobalt	5.6	*	12/29/2024	1255
7440-50-8	Copper	14	*	12/29/2024	1255
7439-89-6	Iron	16000		12/29/2024	1255
7439-92-1	Lead	33		12/29/2024	1255
7439-95-4	Magnesium	7400		12/29/2024	1255
7439-96-5	Manganese	840		12/29/2024	1255
7440-02-0	Nickel	14		12/29/2024	1255
7440-09-7	Potassium	710		12/29/2024	1255
7782-49-2	Selenium	7.0		12/29/2024	1255
7440-22-4	Silver	0.86	U*	12/29/2024	1255
7440-23-5	Sodium	430	U	12/29/2024	1255
7440-28-0	Thallium	2.1	U*	12/29/2024	1255
7440-62-2	Vanadium	17		12/29/2024	1255
7440-66-6	Zinc	43	*	12/29/2024	1255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-20

% Solids: 92.4 Date Received: 12/03/2024

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	3500		12/29/2024	1258
7440-36-0	Antimony	4.9	U	12/29/2024	1258
7440-38-2	Arsenic	7.6		12/29/2024	1258
7440-39-3	Barium	58		12/29/2024	1258
7440-41-7	Beryllium	0.71		12/29/2024	1258
7440-43-9	Cadmium	0.37	J	12/29/2024	1258
7440-70-2	Calcium	170000	D	01/03/2025	2149
7440-47-3	Chromium	5.6		12/29/2024	1258
7440-48-4	Cobalt	6.4	*	12/29/2024	1258
7440-50-8	Copper	18	*	12/29/2024	1258
7439-89-6	Iron	11000		12/29/2024	1258
7439-92-1	Lead	26		12/29/2024	1258
7439-95-4	Magnesium	19000		12/29/2024	1258
7439-96-5	Manganese	840		12/29/2024	1258
7440-02-0	Nickel	11		12/29/2024	1258
7440-09-7	Potassium	640		12/29/2024	1258
7782-49-2	Selenium	2.5	J	12/29/2024	1258
7440-22-4	Silver	0.82	U*	12/29/2024	1258
7440-23-5	Sodium	130	J	12/29/2024	1258
7440-28-0	Thallium	2.1	U*	12/29/2024	1258
7440-62-2	Vanadium	9.8		12/29/2024	1258
7440-66-6	Zinc	41	*	12/29/2024	1258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR0

Matrix: SOIL Lab Sample ID: P5054-21

% Solids: 93.1 Date Received: 12/03/2024

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	2600		12/29/2024	1302
7440-36-0	Antimony	5.3	U	12/29/2024	1302
7440-38-2	Arsenic	2.4		12/29/2024	1302
7440-39-3	Barium	36		12/29/2024	1302
7440-41-7	Beryllium	0.49		12/29/2024	1302
7440-43-9	Cadmium	0.38	J	12/29/2024	1302
7440-70-2	Calcium	110000	D	01/03/2025	2153
7440-47-3	Chromium	5.4		12/29/2024	1302
7440-48-4	Cobalt	6.4	*	12/29/2024	1302
7440-50-8	Copper	11	*	12/29/2024	1302
7439-89-6	Iron	7100		12/29/2024	1302
7439-92-1	Lead	15		12/29/2024	1302
7439-95-4	Magnesium	5300		12/29/2024	1302
7439-96-5	Manganese	960		12/29/2024	1302
7440-02-0	Nickel	9.2		12/29/2024	1302
7440-09-7	Potassium	780		12/29/2024	1302
7782-49-2	Selenium	3.1	U	12/29/2024	1302
7440-22-4	Silver	0.88	U*	12/29/2024	1302
7440-23-5	Sodium	440	U	12/29/2024	1302
7440-28-0	Thallium	2.5	*	12/29/2024	1302
7440-62-2	Vanadium	4.9		12/29/2024	1302
7440-66-6	Zinc	27	*	12/29/2024	1302

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

Comments: