

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKR8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-01

% Solids: 78.7 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	7100		12/17/2024	2021
7440-36-0	Antimony	2.4	J*	12/17/2024	2021
7440-38-2	Arsenic	14		12/17/2024	2021
7440-39-3	Barium	170		12/17/2024	2021
7440-41-7	Beryllium	0.90		12/17/2024	2021
7440-43-9	Cadmium	0.89		12/17/2024	2021
7440-70-2	Calcium	15000	*	12/17/2024	2021
7440-47-3	Chromium	14	*	12/17/2024	2021
7440-48-4	Cobalt	12	*	12/17/2024	2021
7440-50-8	Copper	37	*	12/17/2024	2021
7439-89-6	Iron	16000		12/17/2024	2021
7439-92-1	Lead	200		12/17/2024	2021
7439-95-4	Magnesium	3500		12/17/2024	2021
7439-96-5	Manganese	800	*	12/17/2024	2021
7440-02-0	Nickel	24		12/17/2024	2021
7440-09-7	Potassium	630		12/17/2024	2021
7782-49-2	Selenium	5.2	*	12/17/2024	2021
7440-22-4	Silver	0.46	J*	12/17/2024	2021
7440-23-5	Sodium	130	J	12/17/2024	2021
7440-28-0	Thallium	2.5	U*	12/17/2024	2021
7440-62-2	Vanadium	21		12/17/2024	2021
7440-66-6	Zinc	200	*	12/17/2024	2021

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

Comments:

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MBHKW4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-04

% Solids: 91.8 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	3200		12/17/2024	2037
7440-36-0	Antimony	0.99	J*	12/17/2024	2037
7440-38-2	Arsenic	4.5		12/17/2024	2037
7440-39-3	Barium	42		12/17/2024	2037
7440-41-7	Beryllium	0.42		12/17/2024	2037
7440-43-9	Cadmium	0.28	J	12/17/2024	2037
7440-70-2	Calcium	99000	D*	01/04/2025	0008
7440-47-3	Chromium	5.4	*	12/17/2024	2037
7440-48-4	Cobalt	10	*	12/17/2024	2037
7440-50-8	Copper	18	*	12/17/2024	2037
7439-89-6	Iron	12000		12/17/2024	2037
7439-92-1	Lead	14		12/17/2024	2037
7439-95-4	Magnesium	22000		12/17/2024	2037
7439-96-5	Manganese	1100	*	12/17/2024	2037
7440-02-0	Nickel	14		12/17/2024	2037
7440-09-7	Potassium	730		12/17/2024	2037
7782-49-2	Selenium	2.0	J*	12/17/2024	2037
7440-22-4	Silver	0.14	J*	12/17/2024	2037
7440-23-5	Sodium	87	J	12/17/2024	2037
7440-28-0	Thallium	0.88	J*	12/17/2024	2037
7440-62-2	Vanadium	9.1		12/17/2024	2037
7440-66-6	Zinc	33	*	12/17/2024	2037

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

Comments:

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MBHKX1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-14

% Solids: 90.5 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	3300		12/17/2024	2123
7440-36-0	Antimony	1.6	J*	12/17/2024	2123
7440-38-2	Arsenic	8.0		12/17/2024	2123
7440-39-3	Barium	30		12/17/2024	2123
7440-41-7	Beryllium	0.52		12/17/2024	2123
7440-43-9	Cadmium	0.33	J	12/17/2024	2123
7440-70-2	Calcium	110000	D*	01/04/2025	0012
7440-47-3	Chromium	4.9	*	12/17/2024	2123
7440-48-4	Cobalt	12	*	12/17/2024	2123
7440-50-8	Copper	24	*	12/17/2024	2123
7439-89-6	Iron	15000		12/17/2024	2123
7439-92-1	Lead	17		12/17/2024	2123
7439-95-4	Magnesium	13000		12/17/2024	2123
7439-96-5	Manganese	720	*	12/17/2024	2123
7440-02-0	Nickel	12		12/17/2024	2123
7440-09-7	Potassium	620		12/17/2024	2123
7782-49-2	Selenium	3.1	*	12/17/2024	2123
7440-22-4	Silver	0.26	J*	12/17/2024	2123
7440-23-5	Sodium	120	J	12/17/2024	2123
7440-28-0	Thallium	2.0	U*	12/17/2024	2123
7440-62-2	Vanadium	13		12/17/2024	2123
7440-66-6	Zinc	40	*	12/17/2024	2123

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

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MBHKX2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-15

% Solids: 71.9 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	6100		12/17/2024	2127
7440-36-0	Antimony	2.2	J*	12/17/2024	2127
7440-38-2	Arsenic	7.4		12/17/2024	2127
7440-39-3	Barium	130		12/17/2024	2127
7440-41-7	Beryllium	0.80		12/17/2024	2127
7440-43-9	Cadmium	0.83		12/17/2024	2127
7440-70-2	Calcium	17000	*	12/17/2024	2127
7440-47-3	Chromium	12	*	12/17/2024	2127
7440-48-4	Cobalt	11	*	12/17/2024	2127
7440-50-8	Copper	24	*	12/17/2024	2127
7439-89-6	Iron	15000		12/17/2024	2127
7439-92-1	Lead	120		12/17/2024	2127
7439-95-4	Magnesium	5700		12/17/2024	2127
7439-96-5	Manganese	440	*	12/17/2024	2127
7440-02-0	Nickel	18		12/17/2024	2127
7440-09-7	Potassium	1100		12/17/2024	2127
7782-49-2	Selenium	5.1	*	12/17/2024	2127
7440-22-4	Silver	0.36	J*	12/17/2024	2127
7440-23-5	Sodium	130	J	12/17/2024	2127
7440-28-0	Thallium	2.6	U*	12/17/2024	2127
7440-62-2	Vanadium	17		12/17/2024	2127
7440-66-6	Zinc	180	*	12/17/2024	2127

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

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MBHKX3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-16

% Solids: 81.6 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	6300		12/17/2024	2130
7440-36-0	Antimony	2.7	J*	12/17/2024	2130
7440-38-2	Arsenic	9.1		12/17/2024	2130
7440-39-3	Barium	150		12/17/2024	2130
7440-41-7	Beryllium	0.84		12/17/2024	2130
7440-43-9	Cadmium	0.92		12/17/2024	2130
7440-70-2	Calcium	16000	*	12/17/2024	2130
7440-47-3	Chromium	13	*	12/17/2024	2130
7440-48-4	Cobalt	11	*	12/17/2024	2130
7440-50-8	Copper	25	*	12/17/2024	2130
7439-89-6	Iron	16000		12/17/2024	2130
7439-92-1	Lead	520		12/17/2024	2130
7439-95-4	Magnesium	5000		12/17/2024	2130
7439-96-5	Manganese	490	*	12/17/2024	2130
7440-02-0	Nickel	19		12/17/2024	2130
7440-09-7	Potassium	850		12/17/2024	2130
7782-49-2	Selenium	5.1	*	12/17/2024	2130
7440-22-4	Silver	0.61	J*	12/17/2024	2130
7440-23-5	Sodium	100	J	12/17/2024	2130
7440-28-0	Thallium	2.4	U*	12/17/2024	2130
7440-62-2	Vanadium	20		12/17/2024	2130
7440-66-6	Zinc	180	*	12/17/2024	2130

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

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MBHKX4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-17

% Solids: 84.9 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		12/17/2024	2134
7440-36-0	Antimony	2.1	J*	12/17/2024	2134
7440-38-2	Arsenic	9.4		12/17/2024	2134
7440-39-3	Barium	140		12/17/2024	2134
7440-41-7	Beryllium	0.84		12/17/2024	2134
7440-43-9	Cadmium	0.75		12/17/2024	2134
7440-70-2	Calcium	14000	*	12/17/2024	2134
7440-47-3	Chromium	13	*	12/17/2024	2134
7440-48-4	Cobalt	10	*	12/17/2024	2134
7440-50-8	Copper	22	*	12/17/2024	2134
7439-89-6	Iron	16000		12/17/2024	2134
7439-92-1	Lead	120		12/17/2024	2134
7439-95-4	Magnesium	4600		12/17/2024	2134
7439-96-5	Manganese	440	*	12/17/2024	2134
7440-02-0	Nickel	17		12/17/2024	2134
7440-09-7	Potassium	750		12/17/2024	2134
7782-49-2	Selenium	5.3	*	12/17/2024	2134
7440-22-4	Silver	0.44	J*	12/17/2024	2134
7440-23-5	Sodium	470	U	12/17/2024	2134
7440-28-0	Thallium	2.4	U*	12/17/2024	2134
7440-62-2	Vanadium	19		12/17/2024	2134
7440-66-6	Zinc	130	*	12/17/2024	2134

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

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MBHKX6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-18

% Solids: 94.8 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	3200		12/17/2024	2138
7440-36-0	Antimony	0.46	J*	12/17/2024	2138
7440-38-2	Arsenic	3.0		12/17/2024	2138
7440-39-3	Barium	31		12/17/2024	2138
7440-41-7	Beryllium	0.36	J	12/17/2024	2138
7440-43-9	Cadmium	0.19	J	12/17/2024	2138
7440-70-2	Calcium	81000	D*	01/04/2025	0016
7440-47-3	Chromium	5.3	*	12/17/2024	2138
7440-48-4	Cobalt	8.2	*	12/17/2024	2138
7440-50-8	Copper	5.9	*	12/17/2024	2138
7439-89-6	Iron	8700		12/17/2024	2138
7439-92-1	Lead	16		12/17/2024	2138
7439-95-4	Magnesium	24000		12/17/2024	2138
7439-96-5	Manganese	340	*	12/17/2024	2138
7440-02-0	Nickel	7.7		12/17/2024	2138
7440-09-7	Potassium	300	J	12/17/2024	2138
7782-49-2	Selenium	2.7	U*	12/17/2024	2138
7440-22-4	Silver	0.096	J*	12/17/2024	2138
7440-23-5	Sodium	390	U	12/17/2024	2138
7440-28-0	Thallium	0.95	J*	12/17/2024	2138
7440-62-2	Vanadium	10		12/17/2024	2138
7440-66-6	Zinc	38	*	12/17/2024	2138

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

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MBHKX7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-19

% Solids: 92.7 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	3300		12/17/2024	2142
7440-36-0	Antimony	0.52	J*	12/17/2024	2142
7440-38-2	Arsenic	2.8		12/17/2024	2142
7440-39-3	Barium	33		12/17/2024	2142
7440-41-7	Beryllium	0.40	J	12/17/2024	2142
7440-43-9	Cadmium	0.23	J	12/17/2024	2142
7440-70-2	Calcium	90000	D*	01/04/2025	0020
7440-47-3	Chromium	6.0	*	12/17/2024	2142
7440-48-4	Cobalt	9.3	*	12/17/2024	2142
7440-50-8	Copper	6.9	*	12/17/2024	2142
7439-89-6	Iron	10000		12/17/2024	2142
7439-92-1	Lead	11		12/17/2024	2142
7439-95-4	Magnesium	14000		12/17/2024	2142
7439-96-5	Manganese	790	*	12/17/2024	2142
7440-02-0	Nickel	10		12/17/2024	2142
7440-09-7	Potassium	520		12/17/2024	2142
7782-49-2	Selenium	3.1	U*	12/17/2024	2142
7440-22-4	Silver	0.23	J*	12/17/2024	2142
7440-23-5	Sodium	450	U	12/17/2024	2142
7440-28-0	Thallium	1.5	J*	12/17/2024	2142
7440-62-2	Vanadium	8.6		12/17/2024	2142
7440-66-6	Zinc	38	*	12/17/2024	2142

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

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MBHKX8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-20

% Solids: 91.2 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	3200		12/17/2024	2146
7440-36-0	Antimony	1.0	J*	12/17/2024	2146
7440-38-2	Arsenic	3.7		12/17/2024	2146
7440-39-3	Barium	28		12/17/2024	2146
7440-41-7	Beryllium	0.49		12/17/2024	2146
7440-43-9	Cadmium	0.24	J	12/17/2024	2146
7440-70-2	Calcium	57000	*	12/17/2024	2146
7440-47-3	Chromium	6.0	*	12/17/2024	2146
7440-48-4	Cobalt	9.3	*	12/17/2024	2146
7440-50-8	Copper	8.5	*	12/17/2024	2146
7439-89-6	Iron	12000		12/17/2024	2146
7439-92-1	Lead	7.6		12/17/2024	2146
7439-95-4	Magnesium	5600		12/17/2024	2146
7439-96-5	Manganese	570	*	12/17/2024	2146
7440-02-0	Nickel	12		12/17/2024	2146
7440-09-7	Potassium	680		12/17/2024	2146
7782-49-2	Selenium	2.3	J*	12/17/2024	2146
7440-22-4	Silver	0.18	J*	12/17/2024	2146
7440-23-5	Sodium	390	U	12/17/2024	2146
7440-28-0	Thallium	2.0	U*	12/17/2024	2146
7440-62-2	Vanadium	10		12/17/2024	2146
7440-66-6	Zinc	33	*	12/17/2024	2146

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

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MBHKY6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-05

% Solids: 77.9 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	6500		12/17/2024	2041
7440-36-0	Antimony	2.3	J*	12/17/2024	2041
7440-38-2	Arsenic	8.1		12/17/2024	2041
7440-39-3	Barium	81		12/17/2024	2041
7440-41-7	Beryllium	0.74		12/17/2024	2041
7440-43-9	Cadmium	0.41	J	12/17/2024	2041
7440-70-2	Calcium	18000	*	12/17/2024	2041
7440-47-3	Chromium	11	*	12/17/2024	2041
7440-48-4	Cobalt	11	*	12/17/2024	2041
7440-50-8	Copper	22	*	12/17/2024	2041
7439-89-6	Iron	15000		12/17/2024	2041
7439-92-1	Lead	50		12/17/2024	2041
7439-95-4	Magnesium	8500		12/17/2024	2041
7439-96-5	Manganese	650	*	12/17/2024	2041
7440-02-0	Nickel	18		12/17/2024	2041
7440-09-7	Potassium	890		12/17/2024	2041
7782-49-2	Selenium	4.8	*	12/17/2024	2041
7440-22-4	Silver	0.27	J*	12/17/2024	2041
7440-23-5	Sodium	470	U	12/17/2024	2041
7440-28-0	Thallium	2.3	U*	12/17/2024	2041
7440-62-2	Vanadium	19		12/17/2024	2041
7440-66-6	Zinc	69	*	12/17/2024	2041

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

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MBHKY7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-06

% Solids: 87.8 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	5300		12/17/2024	2044
7440-36-0	Antimony	2.3	J*	12/17/2024	2044
7440-38-2	Arsenic	7.1		12/17/2024	2044
7440-39-3	Barium	65		12/17/2024	2044
7440-41-7	Beryllium	0.62		12/17/2024	2044
7440-43-9	Cadmium	0.32	J	12/17/2024	2044
7440-70-2	Calcium	9200	*	12/17/2024	2044
7440-47-3	Chromium	8.4	*	12/17/2024	2044
7440-48-4	Cobalt	9.2	*	12/17/2024	2044
7440-50-8	Copper	18	*	12/17/2024	2044
7439-89-6	Iron	15000		12/17/2024	2044
7439-92-1	Lead	40		12/17/2024	2044
7439-95-4	Magnesium	4400		12/17/2024	2044
7439-96-5	Manganese	850	*	12/17/2024	2044
7440-02-0	Nickel	16		12/17/2024	2044
7440-09-7	Potassium	560		12/17/2024	2044
7782-49-2	Selenium	5.8	*	12/17/2024	2044
7440-22-4	Silver	0.35	J*	12/17/2024	2044
7440-23-5	Sodium	86	J	12/17/2024	2044
7440-28-0	Thallium	2.2	U*	12/17/2024	2044
7440-62-2	Vanadium	14		12/17/2024	2044
7440-66-6	Zinc	50	*	12/17/2024	2044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKY8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-07

% Solids: 91.3 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		12/17/2024	2056
7440-36-0	Antimony	2.0	J*	12/17/2024	2056
7440-38-2	Arsenic	7.4		12/17/2024	2056
7440-39-3	Barium	74		12/17/2024	2056
7440-41-7	Beryllium	0.76		12/17/2024	2056
7440-43-9	Cadmium	0.30	J	12/17/2024	2056
7440-70-2	Calcium	14000	*	12/17/2024	2056
7440-47-3	Chromium	9.2	*	12/17/2024	2056
7440-48-4	Cobalt	10	*	12/17/2024	2056
7440-50-8	Copper	21	*	12/17/2024	2056
7439-89-6	Iron	14000		12/17/2024	2056
7439-92-1	Lead	31		12/17/2024	2056
7439-95-4	Magnesium	4700		12/17/2024	2056
7439-96-5	Manganese	640	*	12/17/2024	2056
7440-02-0	Nickel	17		12/17/2024	2056
7440-09-7	Potassium	560		12/17/2024	2056
7782-49-2	Selenium	4.6	*	12/17/2024	2056
7440-22-4	Silver	0.26	J*	12/17/2024	2056
7440-23-5	Sodium	430	U	12/17/2024	2056
7440-28-0	Thallium	2.1	U*	12/17/2024	2056
7440-62-2	Vanadium	14		12/17/2024	2056
7440-66-6	Zinc	41	*	12/17/2024	2056

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKY9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-08

% Solids: 89.6 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	6600		12/17/2024	2100
7440-36-0	Antimony	2.5	J*	12/17/2024	2100
7440-38-2	Arsenic	11		12/17/2024	2100
7440-39-3	Barium	100		12/17/2024	2100
7440-41-7	Beryllium	0.73		12/17/2024	2100
7440-43-9	Cadmium	0.44		12/17/2024	2100
7440-70-2	Calcium	5700	*	12/17/2024	2100
7440-47-3	Chromium	10	*	12/17/2024	2100
7440-48-4	Cobalt	9.9	*	12/17/2024	2100
7440-50-8	Copper	19	*	12/17/2024	2100
7439-89-6	Iron	15000		12/17/2024	2100
7439-92-1	Lead	66		12/17/2024	2100
7439-95-4	Magnesium	2600		12/17/2024	2100
7439-96-5	Manganese	730	*	12/17/2024	2100
7440-02-0	Nickel	14		12/17/2024	2100
7440-09-7	Potassium	720		12/17/2024	2100
7782-49-2	Selenium	5.8	*	12/17/2024	2100
7440-22-4	Silver	0.36	J*	12/17/2024	2100
7440-23-5	Sodium	420	U	12/17/2024	2100
7440-28-0	Thallium	2.1	U*	12/17/2024	2100
7440-62-2	Vanadium	16		12/17/2024	2100
7440-66-6	Zinc	58	*	12/17/2024	2100

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-09

% Solids: 89.1 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	6100		12/17/2024	2104
7440-36-0	Antimony	2.6	J*	12/17/2024	2104
7440-38-2	Arsenic	14		12/17/2024	2104
7440-39-3	Barium	110		12/17/2024	2104
7440-41-7	Beryllium	0.70		12/17/2024	2104
7440-43-9	Cadmium	0.46		12/17/2024	2104
7440-70-2	Calcium	3700	*	12/17/2024	2104
7440-47-3	Chromium	9.1	*	12/17/2024	2104
7440-48-4	Cobalt	9.0	*	12/17/2024	2104
7440-50-8	Copper	15	*	12/17/2024	2104
7439-89-6	Iron	15000		12/17/2024	2104
7439-92-1	Lead	49		12/17/2024	2104
7439-95-4	Magnesium	1800		12/17/2024	2104
7439-96-5	Manganese	860	*	12/17/2024	2104
7440-02-0	Nickel	12		12/17/2024	2104
7440-09-7	Potassium	690		12/17/2024	2104
7782-49-2	Selenium	5.9	*	12/17/2024	2104
7440-22-4	Silver	0.43	J*	12/17/2024	2104
7440-23-5	Sodium	420	U	12/17/2024	2104
7440-28-0	Thallium	2.1	U*	12/17/2024	2104
7440-62-2	Vanadium	15		12/17/2024	2104
7440-66-6	Zinc	48	*	12/17/2024	2104

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-10

% Solids: 89.4 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	7800		12/17/2024	2107
7440-36-0	Antimony	3.0	J*	12/17/2024	2107
7440-38-2	Arsenic	11		12/17/2024	2107
7440-39-3	Barium	120		12/17/2024	2107
7440-41-7	Beryllium	0.83		12/17/2024	2107
7440-43-9	Cadmium	0.48		12/17/2024	2107
7440-70-2	Calcium	3300	*	12/17/2024	2107
7440-47-3	Chromium	11	*	12/17/2024	2107
7440-48-4	Cobalt	11	*	12/17/2024	2107
7440-50-8	Copper	14	*	12/17/2024	2107
7439-89-6	Iron	18000		12/17/2024	2107
7439-92-1	Lead	22		12/17/2024	2107
7439-95-4	Magnesium	2300		12/17/2024	2107
7439-96-5	Manganese	940	*	12/17/2024	2107
7440-02-0	Nickel	15		12/17/2024	2107
7440-09-7	Potassium	560		12/17/2024	2107
7782-49-2	Selenium	7.6	*	12/17/2024	2107
7440-22-4	Silver	0.48	J*	12/17/2024	2107
7440-23-5	Sodium	98	J	12/17/2024	2107
7440-28-0	Thallium	2.3	U*	12/17/2024	2107
7440-62-2	Vanadium	18		12/17/2024	2107
7440-66-6	Zinc	40	*	12/17/2024	2107

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-11

% Solids: 93.6 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	5900		12/17/2024	2111
7440-36-0	Antimony	2.8	J*	12/17/2024	2111
7440-38-2	Arsenic	9.1		12/17/2024	2111
7440-39-3	Barium	84		12/17/2024	2111
7440-41-7	Beryllium	0.66		12/17/2024	2111
7440-43-9	Cadmium	0.35	J	12/17/2024	2111
7440-70-2	Calcium	4200	*	12/17/2024	2111
7440-47-3	Chromium	9.3	*	12/17/2024	2111
7440-48-4	Cobalt	10	*	12/17/2024	2111
7440-50-8	Copper	12	*	12/17/2024	2111
7439-89-6	Iron	17000		12/17/2024	2111
7439-92-1	Lead	17		12/17/2024	2111
7439-95-4	Magnesium	3000		12/17/2024	2111
7439-96-5	Manganese	900	*	12/17/2024	2111
7440-02-0	Nickel	16		12/17/2024	2111
7440-09-7	Potassium	430		12/17/2024	2111
7782-49-2	Selenium	6.9	*	12/17/2024	2111
7440-22-4	Silver	0.37	J*	12/17/2024	2111
7440-23-5	Sodium	410	U	12/17/2024	2111
7440-28-0	Thallium	2.1	U*	12/17/2024	2111
7440-62-2	Vanadium	17		12/17/2024	2111
7440-66-6	Zinc	43	*	12/17/2024	2111

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL56

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-12

% Solids: 68 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	6600		12/17/2024	2115
7440-36-0	Antimony	2.5	J*	12/17/2024	2115
7440-38-2	Arsenic	12		12/17/2024	2115
7440-39-3	Barium	160		12/17/2024	2115
7440-41-7	Beryllium	0.85		12/17/2024	2115
7440-43-9	Cadmium	0.94		12/17/2024	2115
7440-70-2	Calcium	20000	*	12/17/2024	2115
7440-47-3	Chromium	18	*	12/17/2024	2115
7440-48-4	Cobalt	13	*	12/17/2024	2115
7440-50-8	Copper	38	*	12/17/2024	2115
7439-89-6	Iron	17000		12/17/2024	2115
7439-92-1	Lead	160		12/17/2024	2115
7439-95-4	Magnesium	3900		12/17/2024	2115
7439-96-5	Manganese	940	*	12/17/2024	2115
7440-02-0	Nickel	20		12/17/2024	2115
7440-09-7	Potassium	1300		12/17/2024	2115
7782-49-2	Selenium	5.6	*	12/17/2024	2115
7440-22-4	Silver	0.60	J*	12/17/2024	2115
7440-23-5	Sodium	510	U	12/17/2024	2115
7440-28-0	Thallium	2.6	U*	12/17/2024	2115
7440-62-2	Vanadium	19		12/17/2024	2115
7440-66-6	Zinc	180	*	12/17/2024	2115

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL57

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-13

% 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	5700		12/17/2024	2119
7440-36-0	Antimony	2.7	J*	12/17/2024	2119
7440-38-2	Arsenic	7.6		12/17/2024	2119
7440-39-3	Barium	73		12/17/2024	2119
7440-41-7	Beryllium	0.66		12/17/2024	2119
7440-43-9	Cadmium	0.28	J	12/17/2024	2119
7440-70-2	Calcium	3900	*	12/17/2024	2119
7440-47-3	Chromium	9.2	*	12/17/2024	2119
7440-48-4	Cobalt	9.3	*	12/17/2024	2119
7440-50-8	Copper	11	*	12/17/2024	2119
7439-89-6	Iron	16000		12/17/2024	2119
7439-92-1	Lead	15		12/17/2024	2119
7439-95-4	Magnesium	2700		12/17/2024	2119
7439-96-5	Manganese	600	*	12/17/2024	2119
7440-02-0	Nickel	15		12/17/2024	2119
7440-09-7	Potassium	380	J	12/17/2024	2119
7782-49-2	Selenium	6.6	*	12/17/2024	2119
7440-22-4	Silver	0.33	J*	12/17/2024	2119
7440-23-5	Sodium	100	J	12/17/2024	2119
7440-28-0	Thallium	2.0	U*	12/17/2024	2119
7440-62-2	Vanadium	17		12/17/2024	2119
7440-66-6	Zinc	36	*	12/17/2024	2119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL58

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-21

% Solids: 90.7 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	3500		12/17/2024	2150
7440-36-0	Antimony	1.3	J*	12/17/2024	2150
7440-38-2	Arsenic	5.6		12/17/2024	2150
7440-39-3	Barium	36		12/17/2024	2150
7440-41-7	Beryllium	0.51		12/17/2024	2150
7440-43-9	Cadmium	0.31	J	12/17/2024	2150
7440-70-2	Calcium	100000	D*	01/04/2025	0024
7440-47-3	Chromium	6.0	*	12/17/2024	2150
7440-48-4	Cobalt	10	*	12/17/2024	2150
7440-50-8	Copper	20	*	12/17/2024	2150
7439-89-6	Iron	15000		12/17/2024	2150
7439-92-1	Lead	12		12/17/2024	2150
7439-95-4	Magnesium	17000		12/17/2024	2150
7439-96-5	Manganese	710	*	12/17/2024	2150
7440-02-0	Nickel	11		12/17/2024	2150
7440-09-7	Potassium	150	J	12/17/2024	2150
7782-49-2	Selenium	2.3	J*	12/17/2024	2150
7440-22-4	Silver	0.28	J*	12/17/2024	2150
7440-23-5	Sodium	480	U	12/17/2024	2150
7440-28-0	Thallium	2.4	U*	12/17/2024	2150
7440-62-2	Vanadium	14		12/17/2024	2150
7440-66-6	Zinc	50	*	12/17/2024	2150

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL59

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKR8

Matrix: SOIL Lab Sample ID: P5060-22

% Solids: 85.4 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	5000		12/17/2024	2154
7440-36-0	Antimony	2.1	J*	12/17/2024	2154
7440-38-2	Arsenic	9.0		12/17/2024	2154
7440-39-3	Barium	140		12/17/2024	2154
7440-41-7	Beryllium	0.64		12/17/2024	2154
7440-43-9	Cadmium	0.70		12/17/2024	2154
7440-70-2	Calcium	33000	*	12/17/2024	2154
7440-47-3	Chromium	9.9	*	12/17/2024	2154
7440-48-4	Cobalt	11	*	12/17/2024	2154
7440-50-8	Copper	22	*	12/17/2024	2154
7439-89-6	Iron	15000		12/17/2024	2154
7439-92-1	Lead	130		12/17/2024	2154
7439-95-4	Magnesium	6000		12/17/2024	2154
7439-96-5	Manganese	800	*	12/17/2024	2154
7440-02-0	Nickel	15		12/17/2024	2154
7440-09-7	Potassium	520		12/17/2024	2154
7782-49-2	Selenium	4.2	*	12/17/2024	2154
7440-22-4	Silver	0.36	J*	12/17/2024	2154
7440-23-5	Sodium	400	U	12/17/2024	2154
7440-28-0	Thallium	2.0	U*	12/17/2024	2154
7440-62-2	Vanadium	15		12/17/2024	2154
7440-66-6	Zinc	160	*	12/17/2024	2154

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

Comments: