

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-01

% Solids: 90.3 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	5600	*	12/15/2024	0016
7440-36-0	Antimony	1.3	J*	12/15/2024	0016
7440-38-2	Arsenic	2.7		12/15/2024	0016
7440-39-3	Barium	29	*	12/15/2024	0016
7440-41-7	Beryllium	0.39	J	12/15/2024	0016
7440-43-9	Cadmium	0.41		12/15/2024	0016
7440-70-2	Calcium	50000	*	12/15/2024	0016
7440-47-3	Chromium	8.7	*	12/15/2024	0016
7440-48-4	Cobalt	10		12/15/2024	0016
7440-50-8	Copper	6.6	*	12/15/2024	0016
7439-89-6	Iron	13000	*	12/15/2024	0016
7439-92-1	Lead	20		12/15/2024	0016
7439-95-4	Magnesium	25000	*	12/15/2024	0016
7439-96-5	Manganese	650	*	12/15/2024	0016
7440-02-0	Nickel	15		12/15/2024	0016
7440-09-7	Potassium	630		12/15/2024	0016
7782-49-2	Selenium	2.9	U*	12/15/2024	0016
7440-22-4	Silver	0.81	U	12/15/2024	0016
7440-23-5	Sodium	210	J	12/15/2024	0016
7440-28-0	Thallium	1.9	J	12/15/2024	0016
7440-62-2	Vanadium	13	*	12/15/2024	0016
7440-66-6	Zinc	49	*	12/15/2024	0016

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

Comments:

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MBHJF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-02

% Solids: 89.9 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	8100	*	12/15/2024	0019
7440-36-0	Antimony	2.3	J*	12/15/2024	0019
7440-38-2	Arsenic	3.3		12/15/2024	0019
7440-39-3	Barium	52	*	12/15/2024	0019
7440-41-7	Beryllium	0.54		12/15/2024	0019
7440-43-9	Cadmium	0.37	J	12/15/2024	0019
7440-70-2	Calcium	26000	*	12/15/2024	0019
7440-47-3	Chromium	11	*	12/15/2024	0019
7440-48-4	Cobalt	13		12/15/2024	0019
7440-50-8	Copper	5.9	*	12/15/2024	0019
7439-89-6	Iron	16000	*	12/15/2024	0019
7439-92-1	Lead	14		12/15/2024	0019
7439-95-4	Magnesium	14000	*	12/15/2024	0019
7439-96-5	Manganese	680	*	12/15/2024	0019
7440-02-0	Nickel	20		12/15/2024	0019
7440-09-7	Potassium	690		12/15/2024	0019
7782-49-2	Selenium	2.8	U*	12/15/2024	0019
7440-22-4	Silver	0.81	U	12/15/2024	0019
7440-23-5	Sodium	230	J	12/15/2024	0019
7440-28-0	Thallium	1.1	J	12/15/2024	0019
7440-62-2	Vanadium	17	*	12/15/2024	0019
7440-66-6	Zinc	32	*	12/15/2024	0019

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

Comments:

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MBHJL8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-03

% Solids: 79 Date Received: 11/26/2024

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	*	12/15/2024	0023
7440-36-0	Antimony	0.93	J*	12/15/2024	0023
7440-38-2	Arsenic	4.0		12/15/2024	0023
7440-39-3	Barium	130	*	12/15/2024	0023
7440-41-7	Beryllium	0.44	J	12/15/2024	0023
7440-43-9	Cadmium	0.45	J	12/15/2024	0023
7440-70-2	Calcium	12000	*	12/15/2024	0023
7440-47-3	Chromium	12	*	12/15/2024	0023
7440-48-4	Cobalt	8.9		12/15/2024	0023
7440-50-8	Copper	21	*	12/15/2024	0023
7439-89-6	Iron	10000	*	12/15/2024	0023
7439-92-1	Lead	45		12/15/2024	0023
7439-95-4	Magnesium	3100	*	12/15/2024	0023
7439-96-5	Manganese	620	*	12/15/2024	0023
7440-02-0	Nickel	13		12/15/2024	0023
7440-09-7	Potassium	580		12/15/2024	0023
7782-49-2	Selenium	3.4	U*	12/15/2024	0023
7440-22-4	Silver	0.98	U	12/15/2024	0023
7440-23-5	Sodium	490	U	12/15/2024	0023
7440-28-0	Thallium	1.8	J	12/15/2024	0023
7440-62-2	Vanadium	11	*	12/15/2024	0023
7440-66-6	Zinc	79	*	12/15/2024	0023

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

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MBHJP6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-09

% Solids: 89.1 Date Received: 11/26/2024

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	*	12/15/2024	0046
7440-36-0	Antimony	2.4	J*	12/15/2024	0046
7440-38-2	Arsenic	8.1		12/15/2024	0046
7440-39-3	Barium	63	*	12/15/2024	0046
7440-41-7	Beryllium	0.51		12/15/2024	0046
7440-43-9	Cadmium	0.55		12/15/2024	0046
7440-70-2	Calcium	29000	*	12/15/2024	0046
7440-47-3	Chromium	9.6	*	12/15/2024	0046
7440-48-4	Cobalt	13		12/15/2024	0046
7440-50-8	Copper	20	*	12/15/2024	0046
7439-89-6	Iron	16000	*	12/15/2024	0046
7439-92-1	Lead	24		12/15/2024	0046
7439-95-4	Magnesium	8700	*	12/15/2024	0046
7439-96-5	Manganese	580	*	12/15/2024	0046
7440-02-0	Nickel	19		12/15/2024	0046
7440-09-7	Potassium	740		12/15/2024	0046
7782-49-2	Selenium	2.8	U*	12/15/2024	0046
7440-22-4	Silver	0.79	U	12/15/2024	0046
7440-23-5	Sodium	130	J	12/15/2024	0046
7440-28-0	Thallium	1.1	J	12/15/2024	0046
7440-62-2	Vanadium	18	*	12/15/2024	0046
7440-66-6	Zinc	58	*	12/15/2024	0046

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

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MBHJQ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-10

% Solids: 76.1 Date Received: 11/26/2024

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	8400	*	12/15/2024	0058
7440-36-0	Antimony	3.2	J*	12/15/2024	0058
7440-38-2	Arsenic	10		12/15/2024	0058
7440-39-3	Barium	150	*	12/15/2024	0058
7440-41-7	Beryllium	0.68		12/15/2024	0058
7440-43-9	Cadmium	1.1		12/15/2024	0058
7440-70-2	Calcium	5600	*	12/15/2024	0058
7440-47-3	Chromium	16	*	12/15/2024	0058
7440-48-4	Cobalt	11		12/15/2024	0058
7440-50-8	Copper	32	*	12/15/2024	0058
7439-89-6	Iron	17000	*	12/15/2024	0058
7439-92-1	Lead	210		12/15/2024	0058
7439-95-4	Magnesium	2900	*	12/15/2024	0058
7439-96-5	Manganese	680	*	12/15/2024	0058
7440-02-0	Nickel	25		12/15/2024	0058
7440-09-7	Potassium	1200		12/15/2024	0058
7782-49-2	Selenium	1.8	J*	12/15/2024	0058
7440-22-4	Silver	0.97	U	12/15/2024	0058
7440-23-5	Sodium	480	U	12/15/2024	0058
7440-28-0	Thallium	2.4	U	12/15/2024	0058
7440-62-2	Vanadium	18	*	12/15/2024	0058
7440-66-6	Zinc	260	*	12/15/2024	0058

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

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MBHJQ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-11

% Solids: 81.9 Date Received: 11/26/2024

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	7900	*	12/15/2024	0102
7440-36-0	Antimony	3.6	J*	12/15/2024	0102
7440-38-2	Arsenic	12		12/15/2024	0102
7440-39-3	Barium	200	*	12/15/2024	0102
7440-41-7	Beryllium	0.66		12/15/2024	0102
7440-43-9	Cadmium	1.1		12/15/2024	0102
7440-70-2	Calcium	5000	*	12/15/2024	0102
7440-47-3	Chromium	15	*	12/15/2024	0102
7440-48-4	Cobalt	11		12/15/2024	0102
7440-50-8	Copper	100	*	12/15/2024	0102
7439-89-6	Iron	17000	*	12/15/2024	0102
7439-92-1	Lead	200		12/15/2024	0102
7439-95-4	Magnesium	2700	*	12/15/2024	0102
7439-96-5	Manganese	860	*	12/15/2024	0102
7440-02-0	Nickel	26		12/15/2024	0102
7440-09-7	Potassium	1000		12/15/2024	0102
7782-49-2	Selenium	2.4	J*	12/15/2024	0102
7440-22-4	Silver	0.99	U	12/15/2024	0102
7440-23-5	Sodium	490	U	12/15/2024	0102
7440-28-0	Thallium	2.5	U	12/15/2024	0102
7440-62-2	Vanadium	18	*	12/15/2024	0102
7440-66-6	Zinc	240	*	12/15/2024	0102

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

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MBHJQ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-12

% Solids: 84.5 Date Received: 11/26/2024

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	*	12/15/2024	0105
7440-36-0	Antimony	2.9	J*	12/15/2024	0105
7440-38-2	Arsenic	11		12/15/2024	0105
7440-39-3	Barium	160	*	12/15/2024	0105
7440-41-7	Beryllium	0.69		12/15/2024	0105
7440-43-9	Cadmium	1.6		12/15/2024	0105
7440-70-2	Calcium	6000	*	12/15/2024	0105
7440-47-3	Chromium	16	*	12/15/2024	0105
7440-48-4	Cobalt	11		12/15/2024	0105
7440-50-8	Copper	31	*	12/15/2024	0105
7439-89-6	Iron	17000	*	12/15/2024	0105
7439-92-1	Lead	200		12/15/2024	0105
7439-95-4	Magnesium	3100	*	12/15/2024	0105
7439-96-5	Manganese	700	*	12/15/2024	0105
7440-02-0	Nickel	27		12/15/2024	0105
7440-09-7	Potassium	1100		12/15/2024	0105
7782-49-2	Selenium	1.8	J*	12/15/2024	0105
7440-22-4	Silver	0.95	U	12/15/2024	0105
7440-23-5	Sodium	470	U	12/15/2024	0105
7440-28-0	Thallium	0.85	J	12/15/2024	0105
7440-62-2	Vanadium	17	*	12/15/2024	0105
7440-66-6	Zinc	380	*	12/15/2024	0105

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

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MBHJQ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-13

% Solids: 80.8 Date Received: 11/26/2024

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	9400	*	12/15/2024	0109
7440-36-0	Antimony	3.0	J*	12/15/2024	0109
7440-38-2	Arsenic	8.1		12/15/2024	0109
7440-39-3	Barium	100	*	12/15/2024	0109
7440-41-7	Beryllium	0.68		12/15/2024	0109
7440-43-9	Cadmium	0.99		12/15/2024	0109
7440-70-2	Calcium	4600	*	12/15/2024	0109
7440-47-3	Chromium	17	*	12/15/2024	0109
7440-48-4	Cobalt	10		12/15/2024	0109
7440-50-8	Copper	14	*	12/15/2024	0109
7439-89-6	Iron	18000	*	12/15/2024	0109
7439-92-1	Lead	63		12/15/2024	0109
7439-95-4	Magnesium	3100	*	12/15/2024	0109
7439-96-5	Manganese	560	*	12/15/2024	0109
7440-02-0	Nickel	25		12/15/2024	0109
7440-09-7	Potassium	860		12/15/2024	0109
7782-49-2	Selenium	1.9	J*	12/15/2024	0109
7440-22-4	Silver	0.95	U	12/15/2024	0109
7440-23-5	Sodium	470	U	12/15/2024	0109
7440-28-0	Thallium	2.4	U	12/15/2024	0109
7440-62-2	Vanadium	18	*	12/15/2024	0109
7440-66-6	Zinc	200	*	12/15/2024	0109

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

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MBHJQ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-14

% Solids: 84.5 Date Received: 11/26/2024

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	*	12/15/2024	0113
7440-36-0	Antimony	3.0	J*	12/15/2024	0113
7440-38-2	Arsenic	6.7		12/15/2024	0113
7440-39-3	Barium	130	*	12/15/2024	0113
7440-41-7	Beryllium	0.56		12/15/2024	0113
7440-43-9	Cadmium	0.81		12/15/2024	0113
7440-70-2	Calcium	4000	*	12/15/2024	0113
7440-47-3	Chromium	13	*	12/15/2024	0113
7440-48-4	Cobalt	11		12/15/2024	0113
7440-50-8	Copper	10	*	12/15/2024	0113
7439-89-6	Iron	17000	*	12/15/2024	0113
7439-92-1	Lead	42		12/15/2024	0113
7439-95-4	Magnesium	3000	*	12/15/2024	0113
7439-96-5	Manganese	940	*	12/15/2024	0113
7440-02-0	Nickel	23		12/15/2024	0113
7440-09-7	Potassium	720		12/15/2024	0113
7782-49-2	Selenium	2.0	J*	12/15/2024	0113
7440-22-4	Silver	1.0	U	12/15/2024	0113
7440-23-5	Sodium	510	U	12/15/2024	0113
7440-28-0	Thallium	2.5	U	12/15/2024	0113
7440-62-2	Vanadium	16	*	12/15/2024	0113
7440-66-6	Zinc	200	*	12/15/2024	0113

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

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MBHJQ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-15

% Solids: 84.5 Date Received: 11/26/2024

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	7500	*	12/15/2024	0117
7440-36-0	Antimony	3.3	J*	12/15/2024	0117
7440-38-2	Arsenic	7.8		12/15/2024	0117
7440-39-3	Barium	63	*	12/15/2024	0117
7440-41-7	Beryllium	0.55		12/15/2024	0117
7440-43-9	Cadmium	0.71		12/15/2024	0117
7440-70-2	Calcium	4200	*	12/15/2024	0117
7440-47-3	Chromium	12	*	12/15/2024	0117
7440-48-4	Cobalt	9.9		12/15/2024	0117
7440-50-8	Copper	12	*	12/15/2024	0117
7439-89-6	Iron	18000	*	12/15/2024	0117
7439-92-1	Lead	28		12/15/2024	0117
7439-95-4	Magnesium	3000	*	12/15/2024	0117
7439-96-5	Manganese	610	*	12/15/2024	0117
7440-02-0	Nickel	21		12/15/2024	0117
7440-09-7	Potassium	660		12/15/2024	0117
7782-49-2	Selenium	1.8	J*	12/15/2024	0117
7440-22-4	Silver	0.91	U	12/15/2024	0117
7440-23-5	Sodium	150	J	12/15/2024	0117
7440-28-0	Thallium	2.3	U	12/15/2024	0117
7440-62-2	Vanadium	17	*	12/15/2024	0117
7440-66-6	Zinc	120	*	12/15/2024	0117

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

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MBHJR0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-16

% Solids: 84.1 Date Received: 11/26/2024

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	*	12/15/2024	0121
7440-36-0	Antimony	2.7	J*	12/15/2024	0121
7440-38-2	Arsenic	7.3		12/15/2024	0121
7440-39-3	Barium	70	*	12/15/2024	0121
7440-41-7	Beryllium	0.45		12/15/2024	0121
7440-43-9	Cadmium	0.74		12/15/2024	0121
7440-70-2	Calcium	4200	*	12/15/2024	0121
7440-47-3	Chromium	11	*	12/15/2024	0121
7440-48-4	Cobalt	10		12/15/2024	0121
7440-50-8	Copper	12	*	12/15/2024	0121
7439-89-6	Iron	16000	*	12/15/2024	0121
7439-92-1	Lead	39		12/15/2024	0121
7439-95-4	Magnesium	3000	*	12/15/2024	0121
7439-96-5	Manganese	1200	*	12/15/2024	0121
7440-02-0	Nickel	21		12/15/2024	0121
7440-09-7	Potassium	790		12/15/2024	0121
7782-49-2	Selenium	2.2	J*	12/15/2024	0121
7440-22-4	Silver	0.86	U	12/15/2024	0121
7440-23-5	Sodium	95	J	12/15/2024	0121
7440-28-0	Thallium	1.1	J	12/15/2024	0121
7440-62-2	Vanadium	16	*	12/15/2024	0121
7440-66-6	Zinc	110	*	12/15/2024	0121

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-17

% Solids: 68.5 Date Received: 11/26/2024

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	*	12/15/2024	0125
7440-36-0	Antimony	3.1	J*	12/15/2024	0125
7440-38-2	Arsenic	11		12/15/2024	0125
7440-39-3	Barium	190	*	12/15/2024	0125
7440-41-7	Beryllium	0.73		12/15/2024	0125
7440-43-9	Cadmium	0.91		12/15/2024	0125
7440-70-2	Calcium	7700	*	12/15/2024	0125
7440-47-3	Chromium	17	*	12/15/2024	0125
7440-48-4	Cobalt	11		12/15/2024	0125
7440-50-8	Copper	43	*	12/15/2024	0125
7439-89-6	Iron	16000	*	12/15/2024	0125
7439-92-1	Lead	260		12/15/2024	0125
7439-95-4	Magnesium	3400	*	12/15/2024	0125
7439-96-5	Manganese	690	*	12/15/2024	0125
7440-02-0	Nickel	31		12/15/2024	0125
7440-09-7	Potassium	1100		12/15/2024	0125
7782-49-2	Selenium	1.8	J*	12/15/2024	0125
7440-22-4	Silver	1.1	U	12/15/2024	0125
7440-23-5	Sodium	550	U	12/15/2024	0125
7440-28-0	Thallium	1.1	J	12/15/2024	0125
7440-62-2	Vanadium	20	*	12/15/2024	0125
7440-66-6	Zinc	240	*	12/15/2024	0125

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-18

% Solids: 73.2 Date Received: 11/26/2024

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	*	12/15/2024	0128
7440-36-0	Antimony	3.0	J*	12/15/2024	0128
7440-38-2	Arsenic	11		12/15/2024	0128
7440-39-3	Barium	170	*	12/15/2024	0128
7440-41-7	Beryllium	0.66		12/15/2024	0128
7440-43-9	Cadmium	0.81		12/15/2024	0128
7440-70-2	Calcium	7200	*	12/15/2024	0128
7440-47-3	Chromium	15	*	12/15/2024	0128
7440-48-4	Cobalt	10		12/15/2024	0128
7440-50-8	Copper	38	*	12/15/2024	0128
7439-89-6	Iron	16000	*	12/15/2024	0128
7439-92-1	Lead	230		12/15/2024	0128
7439-95-4	Magnesium	2900	*	12/15/2024	0128
7439-96-5	Manganese	600	*	12/15/2024	0128
7440-02-0	Nickel	23		12/15/2024	0128
7440-09-7	Potassium	1000		12/15/2024	0128
7782-49-2	Selenium	1.5	J*	12/15/2024	0128
7440-22-4	Silver	1.0	U	12/15/2024	0128
7440-23-5	Sodium	520	U	12/15/2024	0128
7440-28-0	Thallium	2.6	U	12/15/2024	0128
7440-62-2	Vanadium	19	*	12/15/2024	0128
7440-66-6	Zinc	210	*	12/15/2024	0128

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-19

% Solids: 80.2 Date Received: 11/26/2024

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	*	12/15/2024	0132
7440-36-0	Antimony	4.0	J*	12/15/2024	0132
7440-38-2	Arsenic	33		12/15/2024	0132
7440-39-3	Barium	170	*	12/15/2024	0132
7440-41-7	Beryllium	0.73		12/15/2024	0132
7440-43-9	Cadmium	1.1		12/15/2024	0132
7440-70-2	Calcium	7400	*	12/15/2024	0132
7440-47-3	Chromium	12	*	12/15/2024	0132
7440-48-4	Cobalt	12		12/15/2024	0132
7440-50-8	Copper	49	*	12/15/2024	0132
7439-89-6	Iron	22000	*	12/15/2024	0132
7439-92-1	Lead	220		12/15/2024	0132
7439-95-4	Magnesium	2700	*	12/15/2024	0132
7439-96-5	Manganese	580	*	12/15/2024	0132
7440-02-0	Nickel	25		12/15/2024	0132
7440-09-7	Potassium	910		12/15/2024	0132
7782-49-2	Selenium	2.1	J*	12/15/2024	0132
7440-22-4	Silver	0.88	U	12/15/2024	0132
7440-23-5	Sodium	95	J	12/15/2024	0132
7440-28-0	Thallium	2.2	U	12/15/2024	0132
7440-62-2	Vanadium	27	*	12/15/2024	0132
7440-66-6	Zinc	190	*	12/15/2024	0132

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-22

% Solids: 85.1 Date Received: 11/26/2024

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	*	12/15/2024	0147
7440-36-0	Antimony	1.4	J*	12/15/2024	0147
7440-38-2	Arsenic	10		12/15/2024	0147
7440-39-3	Barium	79	*	12/15/2024	0147
7440-41-7	Beryllium	0.39	J	12/15/2024	0147
7440-43-9	Cadmium	0.55		12/15/2024	0147
7440-70-2	Calcium	24000	*	12/15/2024	0147
7440-47-3	Chromium	8.1	*	12/15/2024	0147
7440-48-4	Cobalt	9.1		12/15/2024	0147
7440-50-8	Copper	17	*	12/15/2024	0147
7439-89-6	Iron	11000	*	12/15/2024	0147
7439-92-1	Lead	100		12/15/2024	0147
7439-95-4	Magnesium	2700	*	12/15/2024	0147
7439-96-5	Manganese	490	*	12/15/2024	0147
7440-02-0	Nickel	16		12/15/2024	0147
7440-09-7	Potassium	690		12/15/2024	0147
7782-49-2	Selenium	2.8	U*	12/15/2024	0147
7440-22-4	Silver	0.81	U	12/15/2024	0147
7440-23-5	Sodium	90	J	12/15/2024	0147
7440-28-0	Thallium	1.5	J	12/15/2024	0147
7440-62-2	Vanadium	13	*	12/15/2024	0147
7440-66-6	Zinc	79	*	12/15/2024	0147

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-06

% Solids: 87.4 Date Received: 11/26/2024

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	*	12/15/2024	0035
7440-36-0	Antimony	1.2	J*	12/15/2024	0035
7440-38-2	Arsenic	4.2		12/15/2024	0035
7440-39-3	Barium	47	*	12/15/2024	0035
7440-41-7	Beryllium	0.39	J	12/15/2024	0035
7440-43-9	Cadmium	0.37	J	12/15/2024	0035
7440-70-2	Calcium	83000	D*	12/21/2024	0906
7440-47-3	Chromium	8.9	*	12/15/2024	0035
7440-48-4	Cobalt	11		12/15/2024	0035
7440-50-8	Copper	15	*	12/15/2024	0035
7439-89-6	Iron	14000	*	12/15/2024	0035
7439-92-1	Lead	13		12/15/2024	0035
7439-95-4	Magnesium	17000	*	12/15/2024	0035
7439-96-5	Manganese	900	*	12/15/2024	0035
7440-02-0	Nickel	16		12/15/2024	0035
7440-09-7	Potassium	820		12/15/2024	0035
7782-49-2	Selenium	3.0	U*	12/15/2024	0035
7440-22-4	Silver	0.85	U	12/15/2024	0035
7440-23-5	Sodium	430	U	12/15/2024	0035
7440-28-0	Thallium	2.7		12/15/2024	0035
7440-62-2	Vanadium	14	*	12/15/2024	0035
7440-66-6	Zinc	29	*	12/15/2024	0035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-04

% Solids: 86.1 Date Received: 11/26/2024

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	*	12/15/2024	0027
7440-36-0	Antimony	2.1	J*	12/15/2024	0027
7440-38-2	Arsenic	7.5		12/15/2024	0027
7440-39-3	Barium	74	*	12/15/2024	0027
7440-41-7	Beryllium	0.50		12/15/2024	0027
7440-43-9	Cadmium	0.53		12/15/2024	0027
7440-70-2	Calcium	12000	*	12/15/2024	0027
7440-47-3	Chromium	12	*	12/15/2024	0027
7440-48-4	Cobalt	9.0		12/15/2024	0027
7440-50-8	Copper	16	*	12/15/2024	0027
7439-89-6	Iron	15000	*	12/15/2024	0027
7439-92-1	Lead	70		12/15/2024	0027
7439-95-4	Magnesium	3100	*	12/15/2024	0027
7439-96-5	Manganese	850	*	12/15/2024	0027
7440-02-0	Nickel	14		12/15/2024	0027
7440-09-7	Potassium	490		12/15/2024	0027
7782-49-2	Selenium	3.2	U*	12/15/2024	0027
7440-22-4	Silver	0.92	U	12/15/2024	0027
7440-23-5	Sodium	120	J	12/15/2024	0027
7440-28-0	Thallium	1.2	J	12/15/2024	0027
7440-62-2	Vanadium	17	*	12/15/2024	0027
7440-66-6	Zinc	53	*	12/15/2024	0027

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-05

% Solids: 69.5 Date Received: 11/26/2024

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	*	12/15/2024	0031
7440-36-0	Antimony	2.6	J*	12/15/2024	0031
7440-38-2	Arsenic	11		12/15/2024	0031
7440-39-3	Barium	200	*	12/15/2024	0031
7440-41-7	Beryllium	0.64		12/15/2024	0031
7440-43-9	Cadmium	1.2		12/15/2024	0031
7440-70-2	Calcium	11000	*	12/15/2024	0031
7440-47-3	Chromium	16	*	12/15/2024	0031
7440-48-4	Cobalt	11		12/15/2024	0031
7440-50-8	Copper	45	*	12/15/2024	0031
7439-89-6	Iron	16000	*	12/15/2024	0031
7439-92-1	Lead	370		12/15/2024	0031
7439-95-4	Magnesium	5000	*	12/15/2024	0031
7439-96-5	Manganese	840	*	12/15/2024	0031
7440-02-0	Nickel	26		12/15/2024	0031
7440-09-7	Potassium	1000		12/15/2024	0031
7782-49-2	Selenium	0.89	J*	12/15/2024	0031
7440-22-4	Silver	1.1	U	12/15/2024	0031
7440-23-5	Sodium	540	U	12/15/2024	0031
7440-28-0	Thallium	1.4	J	12/15/2024	0031
7440-62-2	Vanadium	16	*	12/15/2024	0031
7440-66-6	Zinc	270	*	12/15/2024	0031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-07

% Solids: 87.8 Date Received: 11/26/2024

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	7500	*	12/15/2024	0038
7440-36-0	Antimony	1.9	J*	12/15/2024	0038
7440-38-2	Arsenic	1.3		12/15/2024	0038
7440-39-3	Barium	80	*	12/15/2024	0038
7440-41-7	Beryllium	0.70		12/15/2024	0038
7440-43-9	Cadmium	0.66		12/15/2024	0038
7440-70-2	Calcium	140000	D*	12/21/2024	0910
7440-47-3	Chromium	14	*	12/15/2024	0038
7440-48-4	Cobalt	12		12/15/2024	0038
7440-50-8	Copper	3.9	*	12/15/2024	0038
7439-89-6	Iron	18000	*	12/15/2024	0038
7439-92-1	Lead	7.1		12/15/2024	0038
7439-95-4	Magnesium	4400	*	12/15/2024	0038
7439-96-5	Manganese	500	*	12/15/2024	0038
7440-02-0	Nickel	21		12/15/2024	0038
7440-09-7	Potassium	1900		12/15/2024	0038
7782-49-2	Selenium	3.3	U*	12/15/2024	0038
7440-22-4	Silver	0.93	U	12/15/2024	0038
7440-23-5	Sodium	470	U	12/15/2024	0038
7440-28-0	Thallium	2.2	J	12/15/2024	0038
7440-62-2	Vanadium	14	*	12/15/2024	0038
7440-66-6	Zinc	27	*	12/15/2024	0038

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJF5

Matrix: SOIL Lab Sample ID: P4984-08

% Solids: 88.4 Date Received: 11/26/2024

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	1600	*	12/15/2024	0042
7440-36-0	Antimony	5.5	U*	12/15/2024	0042
7440-38-2	Arsenic	2.4		12/15/2024	0042
7440-39-3	Barium	17	J*	12/15/2024	0042
7440-41-7	Beryllium	0.18	J	12/15/2024	0042
7440-43-9	Cadmium	0.88		12/15/2024	0042
7440-70-2	Calcium	160000	D*	12/23/2024	1549
7440-47-3	Chromium	4.7	*	12/15/2024	0042
7440-48-4	Cobalt	7.1		12/15/2024	0042
7440-50-8	Copper	5.1	*	12/15/2024	0042
7439-89-6	Iron	8800	*	12/15/2024	0042
7439-92-1	Lead	40		12/15/2024	0042
7439-95-4	Magnesium	89000	D*	12/21/2024	0921
7439-96-5	Manganese	950	*	12/15/2024	0042
7440-02-0	Nickel	7.3		12/15/2024	0042
7440-09-7	Potassium	700		12/15/2024	0042
7782-49-2	Selenium	3.2	U*	12/15/2024	0042
7440-22-4	Silver	0.92	U	12/15/2024	0042
7440-23-5	Sodium	99	J	12/15/2024	0042
7440-28-0	Thallium	3.5		12/15/2024	0042
7440-62-2	Vanadium	4.1	J*	12/15/2024	0042
7440-66-6	Zinc	150	*	12/15/2024	0042

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

Comments: