

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHD2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-01

% Solids: 86.9 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	7500	*	12/14/2024	1930
7440-36-0	Antimony	1.9	J*	12/14/2024	1930
7440-38-2	Arsenic	5.3		12/14/2024	1930
7440-39-3	Barium	90	*	12/14/2024	1930
7440-41-7	Beryllium	0.52		12/14/2024	1930
7440-43-9	Cadmium	0.80		12/14/2024	1930
7440-70-2	Calcium	24000	*	12/14/2024	1930
7440-47-3	Chromium	10	*	12/14/2024	1930
7440-48-4	Cobalt	11	*	12/14/2024	1930
7440-50-8	Copper	12		12/14/2024	1930
7439-89-6	Iron	16000	*	12/14/2024	1930
7439-92-1	Lead	56	*	12/14/2024	1930
7439-95-4	Magnesium	9600	*	12/14/2024	1930
7439-96-5	Manganese	1000	*	12/14/2024	1930
7440-02-0	Nickel	18		12/14/2024	1930
7440-09-7	Potassium	750		12/14/2024	1930
7782-49-2	Selenium	3.6	U*	12/14/2024	1930
7440-22-4	Silver	1.0	U*	12/14/2024	1930
7440-23-5	Sodium	520	U	12/14/2024	1930
7440-28-0	Thallium	2.6		12/14/2024	1930
7440-62-2	Vanadium	17		12/14/2024	1930
7440-66-6	Zinc	100	*	12/14/2024	1930

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

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MBHJ34

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-02

% Solids: 89.4 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	4200	*	12/14/2024	1934
7440-36-0	Antimony	1.9	J*	12/14/2024	1934
7440-38-2	Arsenic	27		12/14/2024	1934
7440-39-3	Barium	350	*	12/14/2024	1934
7440-41-7	Beryllium	0.46	J	12/14/2024	1934
7440-43-9	Cadmium	1.4		12/14/2024	1934
7440-70-2	Calcium	120000	D*	12/21/2024	0831
7440-47-3	Chromium	8.9	*	12/14/2024	1934
7440-48-4	Cobalt	9.6	*	12/14/2024	1934
7440-50-8	Copper	26		12/14/2024	1934
7439-89-6	Iron	17000	*	12/14/2024	1934
7439-92-1	Lead	300	*	12/14/2024	1934
7439-95-4	Magnesium	23000	*	12/14/2024	1934
7439-96-5	Manganese	900	*	12/14/2024	1934
7440-02-0	Nickel	17		12/14/2024	1934
7440-09-7	Potassium	850		12/14/2024	1934
7782-49-2	Selenium	3.3	U*	12/14/2024	1934
7440-22-4	Silver	0.93	U*	12/14/2024	1934
7440-23-5	Sodium	470	U	12/14/2024	1934
7440-28-0	Thallium	2.5		12/14/2024	1934
7440-62-2	Vanadium	12		12/14/2024	1934
7440-66-6	Zinc	330	*	12/14/2024	1934

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

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MBHJ35

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-03

% Solids: 91.7 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	4200	*	12/14/2024	1938
7440-36-0	Antimony	2.1	J*	12/14/2024	1938
7440-38-2	Arsenic	26		12/14/2024	1938
7440-39-3	Barium	90	*	12/14/2024	1938
7440-41-7	Beryllium	0.44		12/14/2024	1938
7440-43-9	Cadmium	1.5		12/14/2024	1938
7440-70-2	Calcium	120000	D*	12/21/2024	0835
7440-47-3	Chromium	8.1	*	12/14/2024	1938
7440-48-4	Cobalt	9.1	*	12/14/2024	1938
7440-50-8	Copper	24		12/14/2024	1938
7439-89-6	Iron	16000	*	12/14/2024	1938
7439-92-1	Lead	280	*	12/14/2024	1938
7439-95-4	Magnesium	22000	*	12/14/2024	1938
7439-96-5	Manganese	810	*	12/14/2024	1938
7440-02-0	Nickel	16		12/14/2024	1938
7440-09-7	Potassium	680		12/14/2024	1938
7782-49-2	Selenium	2.9	U*	12/14/2024	1938
7440-22-4	Silver	0.82	U*	12/14/2024	1938
7440-23-5	Sodium	130	J	12/14/2024	1938
7440-28-0	Thallium	2.5		12/14/2024	1938
7440-62-2	Vanadium	12		12/14/2024	1938
7440-66-6	Zinc	350	*	12/14/2024	1938

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

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MBHJ36

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-04

% Solids: 91.8 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	5200	*	12/14/2024	1942
7440-36-0	Antimony	3.2	J*	12/14/2024	1942
7440-38-2	Arsenic	37		12/14/2024	1942
7440-39-3	Barium	99	*	12/14/2024	1942
7440-41-7	Beryllium	0.54		12/14/2024	1942
7440-43-9	Cadmium	2.7		12/14/2024	1942
7440-70-2	Calcium	80000	D*	12/21/2024	0839
7440-47-3	Chromium	12	*	12/14/2024	1942
7440-48-4	Cobalt	10	*	12/14/2024	1942
7440-50-8	Copper	31		12/14/2024	1942
7439-89-6	Iron	21000	*	12/14/2024	1942
7439-92-1	Lead	330	*	12/14/2024	1942
7439-95-4	Magnesium	33000	*	12/14/2024	1942
7439-96-5	Manganese	1000	*	12/14/2024	1942
7440-02-0	Nickel	21		12/14/2024	1942
7440-09-7	Potassium	770		12/14/2024	1942
7782-49-2	Selenium	1.9	J*	12/14/2024	1942
7440-22-4	Silver	0.74	U*	12/14/2024	1942
7440-23-5	Sodium	110	J	12/14/2024	1942
7440-28-0	Thallium	1.7	J	12/14/2024	1942
7440-62-2	Vanadium	16		12/14/2024	1942
7440-66-6	Zinc	600	*	12/14/2024	1942

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

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MBHJ37

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-05

% Solids: 93 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	2700	*	12/14/2024	1946
7440-36-0	Antimony	0.52	J*	12/14/2024	1946
7440-38-2	Arsenic	15		12/14/2024	1946
7440-39-3	Barium	66	*	12/14/2024	1946
7440-41-7	Beryllium	0.32	J	12/14/2024	1946
7440-43-9	Cadmium	0.98		12/14/2024	1946
7440-70-2	Calcium	150000	D*	12/23/2024	1817
7440-47-3	Chromium	5.5	*	12/14/2024	1946
7440-48-4	Cobalt	8.9	*	12/14/2024	1946
7440-50-8	Copper	19		12/14/2024	1946
7439-89-6	Iron	11000	*	12/14/2024	1946
7439-92-1	Lead	170	*	12/14/2024	1946
7439-95-4	Magnesium	17000	*	12/14/2024	1946
7439-96-5	Manganese	1000	*	12/14/2024	1946
7440-02-0	Nickel	12		12/14/2024	1946
7440-09-7	Potassium	410	J	12/14/2024	1946
7782-49-2	Selenium	3.1	U*	12/14/2024	1946
7440-22-4	Silver	0.88	U*	12/14/2024	1946
7440-23-5	Sodium	130	J	12/14/2024	1946
7440-28-0	Thallium	3.5		12/14/2024	1946
7440-62-2	Vanadium	11		12/14/2024	1946
7440-66-6	Zinc	330	*	12/14/2024	1946

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

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MBHJ38

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-06

% Solids: 89.7 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	5300	*	12/14/2024	1950
7440-36-0	Antimony	0.86	J*	12/14/2024	1950
7440-38-2	Arsenic	15		12/14/2024	1950
7440-39-3	Barium	120	*	12/14/2024	1950
7440-41-7	Beryllium	0.47		12/14/2024	1950
7440-43-9	Cadmium	0.53		12/14/2024	1950
7440-70-2	Calcium	120000	D*	12/21/2024	0846
7440-47-3	Chromium	6.3	*	12/14/2024	1950
7440-48-4	Cobalt	10	*	12/14/2024	1950
7440-50-8	Copper	20		12/14/2024	1950
7439-89-6	Iron	13000	*	12/14/2024	1950
7439-92-1	Lead	510	*	12/14/2024	1950
7439-95-4	Magnesium	7600	*	12/14/2024	1950
7439-96-5	Manganese	1100	*	12/14/2024	1950
7440-02-0	Nickel	11		12/14/2024	1950
7440-09-7	Potassium	490		12/14/2024	1950
7782-49-2	Selenium	3.1	U*	12/14/2024	1950
7440-22-4	Silver	0.89	U*	12/14/2024	1950
7440-23-5	Sodium	110	J	12/14/2024	1950
7440-28-0	Thallium	3.3		12/14/2024	1950
7440-62-2	Vanadium	15		12/14/2024	1950
7440-66-6	Zinc	110	*	12/14/2024	1950

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

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MBHJ39

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-07

% Solids: 87 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	5800	*	12/14/2024	1954
7440-36-0	Antimony	1.3	J*	12/14/2024	1954
7440-38-2	Arsenic	12		12/14/2024	1954
7440-39-3	Barium	160	*	12/14/2024	1954
7440-41-7	Beryllium	0.44	J	12/14/2024	1954
7440-43-9	Cadmium	0.49		12/14/2024	1954
7440-70-2	Calcium	53000	*	12/14/2024	1954
7440-47-3	Chromium	7.9	*	12/14/2024	1954
7440-48-4	Cobalt	11	*	12/14/2024	1954
7440-50-8	Copper	16		12/14/2024	1954
7439-89-6	Iron	15000	*	12/14/2024	1954
7439-92-1	Lead	830	*	12/14/2024	1954
7439-95-4	Magnesium	4200	*	12/14/2024	1954
7439-96-5	Manganese	1200	*	12/14/2024	1954
7440-02-0	Nickel	12		12/14/2024	1954
7440-09-7	Potassium	570		12/14/2024	1954
7782-49-2	Selenium	3.4	U*	12/14/2024	1954
7440-22-4	Silver	0.97	U*	12/14/2024	1954
7440-23-5	Sodium	480	U	12/14/2024	1954
7440-28-0	Thallium	3.2		12/14/2024	1954
7440-62-2	Vanadium	15		12/14/2024	1954
7440-66-6	Zinc	70	*	12/14/2024	1954

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

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MBHJ40

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-08

% Solids: 88.7 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	4900	*	12/14/2024	1958
7440-36-0	Antimony	0.50	J*	12/14/2024	1958
7440-38-2	Arsenic	6.8		12/14/2024	1958
7440-39-3	Barium	110	*	12/14/2024	1958
7440-41-7	Beryllium	0.35	J	12/14/2024	1958
7440-43-9	Cadmium	0.37	J	12/14/2024	1958
7440-70-2	Calcium	97000	D*	12/21/2024	0850
7440-47-3	Chromium	6.3	*	12/14/2024	1958
7440-48-4	Cobalt	10	*	12/14/2024	1958
7440-50-8	Copper	12		12/14/2024	1958
7439-89-6	Iron	13000	*	12/14/2024	1958
7439-92-1	Lead	940	*	12/14/2024	1958
7439-95-4	Magnesium	3900	*	12/14/2024	1958
7439-96-5	Manganese	1300	*	12/14/2024	1958
7440-02-0	Nickel	9.7		12/14/2024	1958
7440-09-7	Potassium	460	J	12/14/2024	1958
7782-49-2	Selenium	3.4	U*	12/14/2024	1958
7440-22-4	Silver	0.98	U*	12/14/2024	1958
7440-23-5	Sodium	99	J	12/14/2024	1958
7440-28-0	Thallium	3.5		12/14/2024	1958
7440-62-2	Vanadium	12		12/14/2024	1958
7440-66-6	Zinc	40	*	12/14/2024	1958

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

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MBHJD1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-09

% Solids: 78.4 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	7100	*	12/14/2024	2001
7440-36-0	Antimony	1.8	J*	12/14/2024	2001
7440-38-2	Arsenic	5.1		12/14/2024	2001
7440-39-3	Barium	68	*	12/14/2024	2001
7440-41-7	Beryllium	0.50	J	12/14/2024	2001
7440-43-9	Cadmium	0.48	J	12/14/2024	2001
7440-70-2	Calcium	17000	*	12/14/2024	2001
7440-47-3	Chromium	10	*	12/14/2024	2001
7440-48-4	Cobalt	8.8	*	12/14/2024	2001
7440-50-8	Copper	13		12/14/2024	2001
7439-89-6	Iron	14000	*	12/14/2024	2001
7439-92-1	Lead	71	*	12/14/2024	2001
7439-95-4	Magnesium	7800	*	12/14/2024	2001
7439-96-5	Manganese	560	*	12/14/2024	2001
7440-02-0	Nickel	16		12/14/2024	2001
7440-09-7	Potassium	1000		12/14/2024	2001
7782-49-2	Selenium	3.6	U*	12/14/2024	2001
7440-22-4	Silver	1.0	U*	12/14/2024	2001
7440-23-5	Sodium	510	U	12/14/2024	2001
7440-28-0	Thallium	1.4	J	12/14/2024	2001
7440-62-2	Vanadium	17		12/14/2024	2001
7440-66-6	Zinc	100	*	12/14/2024	2001

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

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MBHJD3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-10

% Solids: 89.3 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	8400	*	12/14/2024	2005
7440-36-0	Antimony	1.9	J*	12/14/2024	2005
7440-38-2	Arsenic	3.7		12/14/2024	2005
7440-39-3	Barium	78	*	12/14/2024	2005
7440-41-7	Beryllium	0.59		12/14/2024	2005
7440-43-9	Cadmium	0.53		12/14/2024	2005
7440-70-2	Calcium	40000	*	12/14/2024	2005
7440-47-3	Chromium	12	*	12/14/2024	2005
7440-48-4	Cobalt	11	*	12/14/2024	2005
7440-50-8	Copper	11		12/14/2024	2005
7439-89-6	Iron	18000	*	12/14/2024	2005
7439-92-1	Lead	34	*	12/14/2024	2005
7439-95-4	Magnesium	14000	*	12/14/2024	2005
7439-96-5	Manganese	570	*	12/14/2024	2005
7440-02-0	Nickel	17		12/14/2024	2005
7440-09-7	Potassium	810		12/14/2024	2005
7782-49-2	Selenium	3.6	U*	12/14/2024	2005
7440-22-4	Silver	1.0	U*	12/14/2024	2005
7440-23-5	Sodium	130	J	12/14/2024	2005
7440-28-0	Thallium	1.6	J	12/14/2024	2005
7440-62-2	Vanadium	20		12/14/2024	2005
7440-66-6	Zinc	100	*	12/14/2024	2005

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

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MBHJD4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-11

% Solids: 89.2 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	7700	*	12/14/2024	2009
7440-36-0	Antimony	1.9	J*	12/14/2024	2009
7440-38-2	Arsenic	4.0		12/14/2024	2009
7440-39-3	Barium	74	*	12/14/2024	2009
7440-41-7	Beryllium	0.56		12/14/2024	2009
7440-43-9	Cadmium	0.58		12/14/2024	2009
7440-70-2	Calcium	39000	*	12/14/2024	2009
7440-47-3	Chromium	10	*	12/14/2024	2009
7440-48-4	Cobalt	11	*	12/14/2024	2009
7440-50-8	Copper	12		12/14/2024	2009
7439-89-6	Iron	17000	*	12/14/2024	2009
7439-92-1	Lead	34	*	12/14/2024	2009
7439-95-4	Magnesium	14000	*	12/14/2024	2009
7439-96-5	Manganese	560	*	12/14/2024	2009
7440-02-0	Nickel	17		12/14/2024	2009
7440-09-7	Potassium	640		12/14/2024	2009
7782-49-2	Selenium	3.2	U*	12/14/2024	2009
7440-22-4	Silver	0.93	U*	12/14/2024	2009
7440-23-5	Sodium	460	U	12/14/2024	2009
7440-28-0	Thallium	1.7	J	12/14/2024	2009
7440-62-2	Vanadium	19		12/14/2024	2009
7440-66-6	Zinc	110	*	12/14/2024	2009

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

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MBHJD5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-12

% 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	7700	*	12/14/2024	2013
7440-36-0	Antimony	2.3	J*	12/14/2024	2013
7440-38-2	Arsenic	11		12/14/2024	2013
7440-39-3	Barium	100	*	12/14/2024	2013
7440-41-7	Beryllium	0.61		12/14/2024	2013
7440-43-9	Cadmium	0.81		12/14/2024	2013
7440-70-2	Calcium	30000	*	12/14/2024	2013
7440-47-3	Chromium	11	*	12/14/2024	2013
7440-48-4	Cobalt	11	*	12/14/2024	2013
7440-50-8	Copper	26		12/14/2024	2013
7439-89-6	Iron	17000	*	12/14/2024	2013
7439-92-1	Lead	140	*	12/14/2024	2013
7439-95-4	Magnesium	7800	*	12/14/2024	2013
7439-96-5	Manganese	740	*	12/14/2024	2013
7440-02-0	Nickel	20		12/14/2024	2013
7440-09-7	Potassium	570		12/14/2024	2013
7782-49-2	Selenium	2.8	U*	12/14/2024	2013
7440-22-4	Silver	0.81	U*	12/14/2024	2013
7440-23-5	Sodium	93	J	12/14/2024	2013
7440-28-0	Thallium	1.6	J	12/14/2024	2013
7440-62-2	Vanadium	21		12/14/2024	2013
7440-66-6	Zinc	120	*	12/14/2024	2013

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJD6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-13

% Solids: 86.6 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	7600	*	12/14/2024	2017
7440-36-0	Antimony	3.5	J*	12/14/2024	2017
7440-38-2	Arsenic	22		12/14/2024	2017
7440-39-3	Barium	150	*	12/14/2024	2017
7440-41-7	Beryllium	0.75		12/14/2024	2017
7440-43-9	Cadmium	0.80		12/14/2024	2017
7440-70-2	Calcium	12000	*	12/14/2024	2017
7440-47-3	Chromium	11	*	12/14/2024	2017
7440-48-4	Cobalt	12	*	12/14/2024	2017
7440-50-8	Copper	32		12/14/2024	2017
7439-89-6	Iron	21000	*	12/14/2024	2017
7439-92-1	Lead	190	*	12/14/2024	2017
7439-95-4	Magnesium	2500	*	12/14/2024	2017
7439-96-5	Manganese	1500	*	12/14/2024	2017
7440-02-0	Nickel	16		12/14/2024	2017
7440-09-7	Potassium	620		12/14/2024	2017
7782-49-2	Selenium	2.1	J*	12/14/2024	2017
7440-22-4	Silver	0.95	U*	12/14/2024	2017
7440-23-5	Sodium	120	J	12/14/2024	2017
7440-28-0	Thallium	1.9	J	12/14/2024	2017
7440-62-2	Vanadium	27		12/14/2024	2017
7440-66-6	Zinc	120	*	12/14/2024	2017

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJD7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-14

% 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	8000	*	12/14/2024	2020
7440-36-0	Antimony	3.4	J*	12/14/2024	2020
7440-38-2	Arsenic	10		12/14/2024	2020
7440-39-3	Barium	100	*	12/14/2024	2020
7440-41-7	Beryllium	0.75		12/14/2024	2020
7440-43-9	Cadmium	0.58		12/14/2024	2020
7440-70-2	Calcium	12000	*	12/14/2024	2020
7440-47-3	Chromium	9.9	*	12/14/2024	2020
7440-48-4	Cobalt	12	*	12/14/2024	2020
7440-50-8	Copper	20		12/14/2024	2020
7439-89-6	Iron	21000	*	12/14/2024	2020
7439-92-1	Lead	92	*	12/14/2024	2020
7439-95-4	Magnesium	3600	*	12/14/2024	2020
7439-96-5	Manganese	1800	*	12/14/2024	2020
7440-02-0	Nickel	14		12/14/2024	2020
7440-09-7	Potassium	670		12/14/2024	2020
7782-49-2	Selenium	2.3	J*	12/14/2024	2020
7440-22-4	Silver	0.97	U*	12/14/2024	2020
7440-23-5	Sodium	480	U	12/14/2024	2020
7440-28-0	Thallium	2.8		12/14/2024	2020
7440-62-2	Vanadium	18		12/14/2024	2020
7440-66-6	Zinc	48	*	12/14/2024	2020

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHJE9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-15

% Solids: 90.9 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	3600	*	12/14/2024	2039
7440-36-0	Antimony	6.1	U*	12/14/2024	2039
7440-38-2	Arsenic	2.3		12/14/2024	2039
7440-39-3	Barium	60	*	12/14/2024	2039
7440-41-7	Beryllium	0.24	J	12/14/2024	2039
7440-43-9	Cadmium	0.26	J	12/14/2024	2039
7440-70-2	Calcium	180000	D*	12/23/2024	1821
7440-47-3	Chromium	4.7	*	12/14/2024	2039
7440-48-4	Cobalt	10	*	12/14/2024	2039
7440-50-8	Copper	12		12/14/2024	2039
7439-89-6	Iron	11000	*	12/14/2024	2039
7439-92-1	Lead	9.3	*	12/14/2024	2039
7439-95-4	Magnesium	6900	*	12/14/2024	2039
7439-96-5	Manganese	1500	*	12/14/2024	2039
7440-02-0	Nickel	11		12/14/2024	2039
7440-09-7	Potassium	460	J	12/14/2024	2039
7782-49-2	Selenium	3.6	U*	12/14/2024	2039
7440-22-4	Silver	1.0	U*	12/14/2024	2039
7440-23-5	Sodium	510	U	12/14/2024	2039
7440-28-0	Thallium	4.1		12/14/2024	2039
7440-62-2	Vanadium	7.9		12/14/2024	2039
7440-66-6	Zinc	14	*	12/14/2024	2039

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHJF0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-16

% Solids: 88.2 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	3100	*	12/14/2024	2043
7440-36-0	Antimony	4.8	U*	12/14/2024	2043
7440-38-2	Arsenic	3.5		12/14/2024	2043
7440-39-3	Barium	55	*	12/14/2024	2043
7440-41-7	Beryllium	0.21	J	12/14/2024	2043
7440-43-9	Cadmium	0.34	J	12/14/2024	2043
7440-70-2	Calcium	220000	D*	12/23/2024	1824
7440-47-3	Chromium	3.9	*	12/14/2024	2043
7440-48-4	Cobalt	9.6	*	12/14/2024	2043
7440-50-8	Copper	10		12/14/2024	2043
7439-89-6	Iron	10000	*	12/14/2024	2043
7439-92-1	Lead	30	*	12/14/2024	2043
7439-95-4	Magnesium	7700	*	12/14/2024	2043
7439-96-5	Manganese	1600	*	12/14/2024	2043
7440-02-0	Nickel	9.0		12/14/2024	2043
7440-09-7	Potassium	380	J	12/14/2024	2043
7782-49-2	Selenium	2.8	U*	12/14/2024	2043
7440-22-4	Silver	0.80	U*	12/14/2024	2043
7440-23-5	Sodium	400	U	12/14/2024	2043
7440-28-0	Thallium	4.4		12/14/2024	2043
7440-62-2	Vanadium	7.8		12/14/2024	2043
7440-66-6	Zinc	32	*	12/14/2024	2043

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

Comments:

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MBHJF1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-17

% Solids: 85.7 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	6500	*	12/14/2024	2047
7440-36-0	Antimony	2.2	J*	12/14/2024	2047
7440-38-2	Arsenic	11		12/14/2024	2047
7440-39-3	Barium	150	*	12/14/2024	2047
7440-41-7	Beryllium	0.53	J	12/14/2024	2047
7440-43-9	Cadmium	0.73		12/14/2024	2047
7440-70-2	Calcium	73000	*	12/14/2024	2047
7440-47-3	Chromium	8.4	*	12/14/2024	2047
7440-48-4	Cobalt	15	*	12/14/2024	2047
7440-50-8	Copper	21		12/14/2024	2047
7439-89-6	Iron	20000	*	12/14/2024	2047
7439-92-1	Lead	44	*	12/14/2024	2047
7439-95-4	Magnesium	6000	*	12/14/2024	2047
7439-96-5	Manganese	2900	*	12/14/2024	2047
7440-02-0	Nickel	18		12/14/2024	2047
7440-09-7	Potassium	710		12/14/2024	2047
7782-49-2	Selenium	3.8	U*	12/14/2024	2047
7440-22-4	Silver	1.1	U*	12/14/2024	2047
7440-23-5	Sodium	540	U	12/14/2024	2047
7440-28-0	Thallium	5.3		12/14/2024	2047
7440-62-2	Vanadium	16		12/14/2024	2047
7440-66-6	Zinc	48	*	12/14/2024	2047

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

Comments:

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MBHJF2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-18

% Solids: 87 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	5000	*	12/14/2024	2050
7440-36-0	Antimony	2.2	J*	12/14/2024	2050
7440-38-2	Arsenic	9.7		12/14/2024	2050
7440-39-3	Barium	150	*	12/14/2024	2050
7440-41-7	Beryllium	0.44		12/14/2024	2050
7440-43-9	Cadmium	0.59		12/14/2024	2050
7440-70-2	Calcium	59000	*	12/14/2024	2050
7440-47-3	Chromium	7.7	*	12/14/2024	2050
7440-48-4	Cobalt	12	*	12/14/2024	2050
7440-50-8	Copper	16		12/14/2024	2050
7439-89-6	Iron	17000	*	12/14/2024	2050
7439-92-1	Lead	53	*	12/14/2024	2050
7439-95-4	Magnesium	6800	*	12/14/2024	2050
7439-96-5	Manganese	2300	*	12/14/2024	2050
7440-02-0	Nickel	14		12/14/2024	2050
7440-09-7	Potassium	680		12/14/2024	2050
7782-49-2	Selenium	3.1	U*	12/14/2024	2050
7440-22-4	Silver	0.88	U*	12/14/2024	2050
7440-23-5	Sodium	93	J	12/14/2024	2050
7440-28-0	Thallium	4.2		12/14/2024	2050
7440-62-2	Vanadium	15		12/14/2024	2050
7440-66-6	Zinc	48	*	12/14/2024	2050

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

Comments:

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MBHJF3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-19

% Solids: 87 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	5000	*	12/14/2024	2054
7440-36-0	Antimony	2.4	J*	12/14/2024	2054
7440-38-2	Arsenic	13		12/14/2024	2054
7440-39-3	Barium	160	*	12/14/2024	2054
7440-41-7	Beryllium	0.57		12/14/2024	2054
7440-43-9	Cadmium	0.61		12/14/2024	2054
7440-70-2	Calcium	64000	*	12/14/2024	2054
7440-47-3	Chromium	6.7	*	12/14/2024	2054
7440-48-4	Cobalt	11	*	12/14/2024	2054
7440-50-8	Copper	22		12/14/2024	2054
7439-89-6	Iron	18000	*	12/14/2024	2054
7439-92-1	Lead	100	*	12/14/2024	2054
7439-95-4	Magnesium	12000	*	12/14/2024	2054
7439-96-5	Manganese	2000	*	12/14/2024	2054
7440-02-0	Nickel	15		12/14/2024	2054
7440-09-7	Potassium	680		12/14/2024	2054
7782-49-2	Selenium	3.0	U*	12/14/2024	2054
7440-22-4	Silver	0.86	U*	12/14/2024	2054
7440-23-5	Sodium	180	J	12/14/2024	2054
7440-28-0	Thallium	3.5		12/14/2024	2054
7440-62-2	Vanadium	15		12/14/2024	2054
7440-66-6	Zinc	67	*	12/14/2024	2054

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

Comments:

FORM 1 - IN
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MBHJF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHD2

Matrix: SOIL Lab Sample ID: P4982-20

% Solids: 89.3 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	*	12/14/2024	1545
7440-36-0	Antimony	1.4	J*	12/14/2024	1545
7440-38-2	Arsenic	2.7		12/14/2024	1545
7440-39-3	Barium	35	*	12/14/2024	1545
7440-41-7	Beryllium	0.39	J	12/14/2024	1545
7440-43-9	Cadmium	0.28	J	12/14/2024	1545
7440-70-2	Calcium	24000	*	12/14/2024	1545
7440-47-3	Chromium	7.9	*	12/14/2024	1545
7440-48-4	Cobalt	9.3	*	12/14/2024	1545
7440-50-8	Copper	7.0		12/14/2024	1545
7439-89-6	Iron	13000	*	12/14/2024	1545
7439-92-1	Lead	15	*	12/14/2024	1545
7439-95-4	Magnesium	9200	*	12/14/2024	1545
7439-96-5	Manganese	570	*	12/14/2024	1545
7440-02-0	Nickel	14		12/14/2024	1545
7440-09-7	Potassium	500		12/14/2024	1545
7782-49-2	Selenium	2.8	U*	12/14/2024	1545
7440-22-4	Silver	0.81	U*	12/14/2024	1545
7440-23-5	Sodium	110	J	12/14/2024	1545
7440-28-0	Thallium	1.5	J	12/14/2024	1545
7440-62-2	Vanadium	13		12/14/2024	1545
7440-66-6	Zinc	30	*	12/14/2024	1545

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

Comments: