

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLL1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1
 Matrix: SOIL Lab Sample ID: P5082-01
 % Solids: 86.9 Date Received: 12/04/2024
 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		12/27/2024	1920
7440-36-0	Antimony	5.2	U*	12/27/2024	1920
7440-38-2	Arsenic	11	*	12/27/2024	1920
7440-39-3	Barium	110		12/27/2024	1920
7440-41-7	Beryllium	0.51		12/27/2024	1920
7440-43-9	Cadmium	0.51		12/27/2024	1920
7440-70-2	Calcium	37000		12/27/2024	1920
7440-47-3	Chromium	7.3		12/27/2024	1920
7440-48-4	Cobalt	11	*	12/27/2024	1920
7440-50-8	Copper	28		12/27/2024	1920
7439-89-6	Iron	14000		12/27/2024	1920
7439-92-1	Lead	24		12/27/2024	1920
7439-95-4	Magnesium	8100		12/27/2024	1920
7439-96-5	Manganese	1300		12/27/2024	1920
7440-02-0	Nickel	18		12/27/2024	1920
7440-09-7	Potassium	630		12/27/2024	1920
7782-49-2	Selenium	6.6		12/27/2024	1920
7440-22-4	Silver	0.87	U*	12/27/2024	1920
7440-23-5	Sodium	430	U	12/27/2024	1920
7440-28-0	Thallium	2.2	U*	12/27/2024	1920
7440-62-2	Vanadium	11		12/27/2024	1920
7440-66-6	Zinc	40	*	12/27/2024	1920

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

Comments:

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MBHLL2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-02

% Solids: 70.5 Date Received: 12/04/2024

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		12/27/2024	1924
7440-36-0	Antimony	5.8	U*	12/27/2024	1924
7440-38-2	Arsenic	11	*	12/27/2024	1924
7440-39-3	Barium	110		12/27/2024	1924
7440-41-7	Beryllium	0.62		12/27/2024	1924
7440-43-9	Cadmium	0.84		12/27/2024	1924
7440-70-2	Calcium	29000		12/27/2024	1924
7440-47-3	Chromium	66		12/27/2024	1924
7440-48-4	Cobalt	9.5	*	12/27/2024	1924
7440-50-8	Copper	40		12/27/2024	1924
7439-89-6	Iron	14000		12/27/2024	1924
7439-92-1	Lead	180		12/27/2024	1924
7439-95-4	Magnesium	14000		12/27/2024	1924
7439-96-5	Manganese	650		12/27/2024	1924
7440-02-0	Nickel	51		12/27/2024	1924
7440-09-7	Potassium	560		12/27/2024	1924
7782-49-2	Selenium	5.2		12/27/2024	1924
7440-22-4	Silver	0.96	U*	12/27/2024	1924
7440-23-5	Sodium	480	U	12/27/2024	1924
7440-28-0	Thallium	2.4	U*	12/27/2024	1924
7440-62-2	Vanadium	13		12/27/2024	1924
7440-66-6	Zinc	200	*	12/27/2024	1924

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

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MBHLL3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-03

% Solids: 83.9 Date Received: 12/04/2024

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		12/27/2024	1928
7440-36-0	Antimony	5.4	U*	12/27/2024	1928
7440-38-2	Arsenic	5.0	*	12/27/2024	1928
7440-39-3	Barium	45		12/27/2024	1928
7440-41-7	Beryllium	0.37	J	12/27/2024	1928
7440-43-9	Cadmium	0.63		12/27/2024	1928
7440-70-2	Calcium	100000	D	01/04/2025	0148
7440-47-3	Chromium	12		12/27/2024	1928
7440-48-4	Cobalt	7.7	*	12/27/2024	1928
7440-50-8	Copper	18		12/27/2024	1928
7439-89-6	Iron	9100		12/27/2024	1928
7439-92-1	Lead	100		12/27/2024	1928
7439-95-4	Magnesium	53000		12/27/2024	1928
7439-96-5	Manganese	650		12/27/2024	1928
7440-02-0	Nickel	11		12/27/2024	1928
7440-09-7	Potassium	420	J	12/27/2024	1928
7782-49-2	Selenium	1.1	J	12/27/2024	1928
7440-22-4	Silver	0.90	U*	12/27/2024	1928
7440-23-5	Sodium	110	J	12/27/2024	1928
7440-28-0	Thallium	2.2	U*	12/27/2024	1928
7440-62-2	Vanadium	7.3		12/27/2024	1928
7440-66-6	Zinc	140	*	12/27/2024	1928

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

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MBHLL4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-04

% Solids: 84.8 Date Received: 12/04/2024

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	4000		12/27/2024	1932
7440-36-0	Antimony	5.4	U*	12/27/2024	1932
7440-38-2	Arsenic	9.1	*	12/27/2024	1932
7440-39-3	Barium	77		12/27/2024	1932
7440-41-7	Beryllium	0.48		12/27/2024	1932
7440-43-9	Cadmium	1.3		12/27/2024	1932
7440-70-2	Calcium	62000		12/27/2024	1932
7440-47-3	Chromium	15		12/27/2024	1932
7440-48-4	Cobalt	9.0	*	12/27/2024	1932
7440-50-8	Copper	38		12/27/2024	1932
7439-89-6	Iron	12000		12/27/2024	1932
7439-92-1	Lead	150		12/27/2024	1932
7439-95-4	Magnesium	34000		12/27/2024	1932
7439-96-5	Manganese	740		12/27/2024	1932
7440-02-0	Nickel	13		12/27/2024	1932
7440-09-7	Potassium	500		12/27/2024	1932
7782-49-2	Selenium	3.3		12/27/2024	1932
7440-22-4	Silver	0.90	U*	12/27/2024	1932
7440-23-5	Sodium	91	J	12/27/2024	1932
7440-28-0	Thallium	2.3	U*	12/27/2024	1932
7440-62-2	Vanadium	12		12/27/2024	1932
7440-66-6	Zinc	300	*	12/27/2024	1932

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

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MBHLL5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-05

% Solids: 79.3 Date Received: 12/04/2024

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		12/27/2024	1940
7440-36-0	Antimony	6.3	U*	12/27/2024	1940
7440-38-2	Arsenic	9.2	*	12/27/2024	1940
7440-39-3	Barium	110		12/27/2024	1940
7440-41-7	Beryllium	0.62		12/27/2024	1940
7440-43-9	Cadmium	0.55		12/27/2024	1940
7440-70-2	Calcium	6700		12/27/2024	1940
7440-47-3	Chromium	13		12/27/2024	1940
7440-48-4	Cobalt	8.5	*	12/27/2024	1940
7440-50-8	Copper	29		12/27/2024	1940
7439-89-6	Iron	13000		12/27/2024	1940
7439-92-1	Lead	150		12/27/2024	1940
7439-95-4	Magnesium	3800		12/27/2024	1940
7439-96-5	Manganese	730		12/27/2024	1940
7440-02-0	Nickel	12		12/27/2024	1940
7440-09-7	Potassium	470	J	12/27/2024	1940
7782-49-2	Selenium	6.3		12/27/2024	1940
7440-22-4	Silver	1.1	U*	12/27/2024	1940
7440-23-5	Sodium	530	U	12/27/2024	1940
7440-28-0	Thallium	2.6	U*	12/27/2024	1940
7440-62-2	Vanadium	14		12/27/2024	1940
7440-66-6	Zinc	100	*	12/27/2024	1940

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

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MBHLL6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-06

% Solids: 77.3 Date Received: 12/04/2024

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		12/27/2024	1544
7440-36-0	Antimony	5.6	U*	12/27/2024	1544
7440-38-2	Arsenic	12	*	12/27/2024	1544
7440-39-3	Barium	120		12/27/2024	1544
7440-41-7	Beryllium	0.67		12/27/2024	1544
7440-43-9	Cadmium	0.52		12/27/2024	1544
7440-70-2	Calcium	6200		12/27/2024	1544
7440-47-3	Chromium	17		12/27/2024	1544
7440-48-4	Cobalt	8.6	*	12/27/2024	1544
7440-50-8	Copper	30		12/27/2024	1544
7439-89-6	Iron	14000		12/27/2024	1544
7439-92-1	Lead	150		12/27/2024	1544
7439-95-4	Magnesium	2000		12/27/2024	1544
7439-96-5	Manganese	1000		12/27/2024	1544
7440-02-0	Nickel	13		12/27/2024	1544
7440-09-7	Potassium	440	J	12/27/2024	1544
7782-49-2	Selenium	7.1		12/27/2024	1544
7440-22-4	Silver	0.94	U*	12/27/2024	1544
7440-23-5	Sodium	470	U	12/27/2024	1544
7440-28-0	Thallium	2.3	U*	12/27/2024	1544
7440-62-2	Vanadium	15		12/27/2024	1544
7440-66-6	Zinc	79	*	12/27/2024	1544

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

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MBHLL7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-09

% Solids: 79.6 Date Received: 12/04/2024

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		12/27/2024	1606
7440-36-0	Antimony	0.54	J*	12/27/2024	1606
7440-38-2	Arsenic	7.2	*	12/27/2024	1606
7440-39-3	Barium	96		12/27/2024	1606
7440-41-7	Beryllium	0.54		12/27/2024	1606
7440-43-9	Cadmium	0.33	J	12/27/2024	1606
7440-70-2	Calcium	3000		12/27/2024	1606
7440-47-3	Chromium	8.7		12/27/2024	1606
7440-48-4	Cobalt	7.4	*	12/27/2024	1606
7440-50-8	Copper	14		12/27/2024	1606
7439-89-6	Iron	13000		12/27/2024	1606
7439-92-1	Lead	95		12/27/2024	1606
7439-95-4	Magnesium	1800		12/27/2024	1606
7439-96-5	Manganese	890		12/27/2024	1606
7440-02-0	Nickel	11		12/27/2024	1606
7440-09-7	Potassium	310	J	12/27/2024	1606
7782-49-2	Selenium	7.0		12/27/2024	1606
7440-22-4	Silver	0.89	U*	12/27/2024	1606
7440-23-5	Sodium	450	U	12/27/2024	1606
7440-28-0	Thallium	2.2	U*	12/27/2024	1606
7440-62-2	Vanadium	13		12/27/2024	1606
7440-66-6	Zinc	43	*	12/27/2024	1606

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

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MBHLL8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-10

% Solids: 81.1 Date Received: 12/04/2024

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	5100		12/27/2024	1944
7440-36-0	Antimony	0.42	J*	12/27/2024	1944
7440-38-2	Arsenic	7.1	*	12/27/2024	1944
7440-39-3	Barium	93		12/27/2024	1944
7440-41-7	Beryllium	0.56		12/27/2024	1944
7440-43-9	Cadmium	0.30	J	12/27/2024	1944
7440-70-2	Calcium	5100		12/27/2024	1944
7440-47-3	Chromium	8.2		12/27/2024	1944
7440-48-4	Cobalt	8.3	*	12/27/2024	1944
7440-50-8	Copper	25		12/27/2024	1944
7439-89-6	Iron	13000		12/27/2024	1944
7439-92-1	Lead	39		12/27/2024	1944
7439-95-4	Magnesium	2100		12/27/2024	1944
7439-96-5	Manganese	1000		12/27/2024	1944
7440-02-0	Nickel	10		12/27/2024	1944
7440-09-7	Potassium	350	J	12/27/2024	1944
7782-49-2	Selenium	6.9		12/27/2024	1944
7440-22-4	Silver	0.94	U*	12/27/2024	1944
7440-23-5	Sodium	470	U	12/27/2024	1944
7440-28-0	Thallium	2.4	U*	12/27/2024	1944
7440-62-2	Vanadium	12		12/27/2024	1944
7440-66-6	Zinc	57	*	12/27/2024	1944

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

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MBHLT9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-11

% Solids: 77.8 Date Received: 12/04/2024

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		12/27/2024	1948
7440-36-0	Antimony	0.90	J*	12/27/2024	1948
7440-38-2	Arsenic	14	*	12/27/2024	1948
7440-39-3	Barium	240		12/27/2024	1948
7440-41-7	Beryllium	0.73		12/27/2024	1948
7440-43-9	Cadmium	0.73		12/27/2024	1948
7440-70-2	Calcium	3800		12/27/2024	1948
7440-47-3	Chromium	15		12/27/2024	1948
7440-48-4	Cobalt	8.7	*	12/27/2024	1948
7440-50-8	Copper	41		12/27/2024	1948
7439-89-6	Iron	14000		12/27/2024	1948
7439-92-1	Lead	270		12/27/2024	1948
7439-95-4	Magnesium	1600		12/27/2024	1948
7439-96-5	Manganese	470		12/27/2024	1948
7440-02-0	Nickel	17		12/27/2024	1948
7440-09-7	Potassium	1100		12/27/2024	1948
7782-49-2	Selenium	8.2		12/27/2024	1948
7440-22-4	Silver	1.2	U*	12/27/2024	1948
7440-23-5	Sodium	580	U	12/27/2024	1948
7440-28-0	Thallium	2.9	U*	12/27/2024	1948
7440-62-2	Vanadium	19		12/27/2024	1948
7440-66-6	Zinc	300	*	12/27/2024	1948

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

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MBHLW0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-12

% Solids: 72 Date Received: 12/04/2024

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		12/27/2024	1952
7440-36-0	Antimony	1.4	J*	12/27/2024	1952
7440-38-2	Arsenic	12	*	12/27/2024	1952
7440-39-3	Barium	140		12/27/2024	1952
7440-41-7	Beryllium	0.75		12/27/2024	1952
7440-43-9	Cadmium	1.0		12/27/2024	1952
7440-70-2	Calcium	3700		12/27/2024	1952
7440-47-3	Chromium	17		12/27/2024	1952
7440-48-4	Cobalt	8.5	*	12/27/2024	1952
7440-50-8	Copper	50		12/27/2024	1952
7439-89-6	Iron	15000		12/27/2024	1952
7439-92-1	Lead	300		12/27/2024	1952
7439-95-4	Magnesium	1700		12/27/2024	1952
7439-96-5	Manganese	380		12/27/2024	1952
7440-02-0	Nickel	17		12/27/2024	1952
7440-09-7	Potassium	710		12/27/2024	1952
7782-49-2	Selenium	8.5		12/27/2024	1952
7440-22-4	Silver	0.97	U*	12/27/2024	1952
7440-23-5	Sodium	480	U	12/27/2024	1952
7440-28-0	Thallium	2.4	U*	12/27/2024	1952
7440-62-2	Vanadium	17		12/27/2024	1952
7440-66-6	Zinc	250	*	12/27/2024	1952

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

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MBHLW1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-13

% Solids: 73 Date Received: 12/04/2024

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		12/27/2024	1956
7440-36-0	Antimony	1.1	J*	12/27/2024	1956
7440-38-2	Arsenic	15	*	12/27/2024	1956
7440-39-3	Barium	160		12/27/2024	1956
7440-41-7	Beryllium	0.76		12/27/2024	1956
7440-43-9	Cadmium	1.3		12/27/2024	1956
7440-70-2	Calcium	3400		12/27/2024	1956
7440-47-3	Chromium	19		12/27/2024	1956
7440-48-4	Cobalt	9.3	*	12/27/2024	1956
7440-50-8	Copper	57		12/27/2024	1956
7439-89-6	Iron	16000		12/27/2024	1956
7439-92-1	Lead	350		12/27/2024	1956
7439-95-4	Magnesium	1600		12/27/2024	1956
7439-96-5	Manganese	690		12/27/2024	1956
7440-02-0	Nickel	19		12/27/2024	1956
7440-09-7	Potassium	710		12/27/2024	1956
7782-49-2	Selenium	9.1		12/27/2024	1956
7440-22-4	Silver	1.1	U*	12/27/2024	1956
7440-23-5	Sodium	560	U	12/27/2024	1956
7440-28-0	Thallium	2.8	U*	12/27/2024	1956
7440-62-2	Vanadium	22		12/27/2024	1956
7440-66-6	Zinc	320	*	12/27/2024	1956

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

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INORGANIC ANALYSIS DATA SHEET

MBHLW2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-14

% Solids: 76.4 Date Received: 12/04/2024

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		12/27/2024	2000
7440-36-0	Antimony	1.3	J*	12/27/2024	2000
7440-38-2	Arsenic	15	*	12/27/2024	2000
7440-39-3	Barium	170		12/27/2024	2000
7440-41-7	Beryllium	0.77		12/27/2024	2000
7440-43-9	Cadmium	1.1		12/27/2024	2000
7440-70-2	Calcium	2900		12/27/2024	2000
7440-47-3	Chromium	15		12/27/2024	2000
7440-48-4	Cobalt	9.3	*	12/27/2024	2000
7440-50-8	Copper	41		12/27/2024	2000
7439-89-6	Iron	16000		12/27/2024	2000
7439-92-1	Lead	290		12/27/2024	2000
7439-95-4	Magnesium	1700		12/27/2024	2000
7439-96-5	Manganese	800		12/27/2024	2000
7440-02-0	Nickel	15		12/27/2024	2000
7440-09-7	Potassium	770		12/27/2024	2000
7782-49-2	Selenium	9.3		12/27/2024	2000
7440-22-4	Silver	1.1	U*	12/27/2024	2000
7440-23-5	Sodium	530	U	12/27/2024	2000
7440-28-0	Thallium	2.6	U*	12/27/2024	2000
7440-62-2	Vanadium	18		12/27/2024	2000
7440-66-6	Zinc	320	*	12/27/2024	2000

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLW3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-15

% Solids: 81.9 Date Received: 12/04/2024

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		12/27/2024	2012
7440-36-0	Antimony	1.0	J*	12/27/2024	2012
7440-38-2	Arsenic	11	*	12/27/2024	2012
7440-39-3	Barium	84		12/27/2024	2012
7440-41-7	Beryllium	0.77		12/27/2024	2012
7440-43-9	Cadmium	0.40	J	12/27/2024	2012
7440-70-2	Calcium	1900		12/27/2024	2012
7440-47-3	Chromium	11		12/27/2024	2012
7440-48-4	Cobalt	8.9	*	12/27/2024	2012
7440-50-8	Copper	19		12/27/2024	2012
7439-89-6	Iron	16000		12/27/2024	2012
7439-92-1	Lead	70		12/27/2024	2012
7439-95-4	Magnesium	1900		12/27/2024	2012
7439-96-5	Manganese	420		12/27/2024	2012
7440-02-0	Nickel	12		12/27/2024	2012
7440-09-7	Potassium	750		12/27/2024	2012
7782-49-2	Selenium	9.1		12/27/2024	2012
7440-22-4	Silver	1.0	U*	12/27/2024	2012
7440-23-5	Sodium	510	U	12/27/2024	2012
7440-28-0	Thallium	2.5	U*	12/27/2024	2012
7440-62-2	Vanadium	18		12/27/2024	2012
7440-66-6	Zinc	83	*	12/27/2024	2012

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLW4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-16

% Solids: 80.5 Date Received: 12/04/2024

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	9000		12/27/2024	2015
7440-36-0	Antimony	2.6	J*	12/27/2024	2015
7440-38-2	Arsenic	15	*	12/27/2024	2015
7440-39-3	Barium	91		12/27/2024	2015
7440-41-7	Beryllium	0.96		12/27/2024	2015
7440-43-9	Cadmium	0.36	J	12/27/2024	2015
7440-70-2	Calcium	1600		12/27/2024	2015
7440-47-3	Chromium	14		12/27/2024	2015
7440-48-4	Cobalt	11	*	12/27/2024	2015
7440-50-8	Copper	20		12/27/2024	2015
7439-89-6	Iron	23000		12/27/2024	2015
7439-92-1	Lead	47		12/27/2024	2015
7439-95-4	Magnesium	2700		12/27/2024	2015
7439-96-5	Manganese	500		12/27/2024	2015
7440-02-0	Nickel	17		12/27/2024	2015
7440-09-7	Potassium	1500		12/27/2024	2015
7782-49-2	Selenium	14		12/27/2024	2015
7440-22-4	Silver	0.89	U*	12/27/2024	2015
7440-23-5	Sodium	450	U	12/27/2024	2015
7440-28-0	Thallium	2.2	U*	12/27/2024	2015
7440-62-2	Vanadium	23		12/27/2024	2015
7440-66-6	Zinc	59	*	12/27/2024	2015

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLW5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-17

% Solids: 79.6 Date Received: 12/04/2024

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		12/27/2024	2019
7440-36-0	Antimony	1.3	J*	12/27/2024	2019
7440-38-2	Arsenic	10	*	12/27/2024	2019
7440-39-3	Barium	99		12/27/2024	2019
7440-41-7	Beryllium	0.87		12/27/2024	2019
7440-43-9	Cadmium	0.36	J	12/27/2024	2019
7440-70-2	Calcium	3400		12/27/2024	2019
7440-47-3	Chromium	14		12/27/2024	2019
7440-48-4	Cobalt	12	*	12/27/2024	2019
7440-50-8	Copper	15		12/27/2024	2019
7439-89-6	Iron	20000		12/27/2024	2019
7439-92-1	Lead	60		12/27/2024	2019
7439-95-4	Magnesium	3700		12/27/2024	2019
7439-96-5	Manganese	630		12/27/2024	2019
7440-02-0	Nickel	21		12/27/2024	2019
7440-09-7	Potassium	1100		12/27/2024	2019
7782-49-2	Selenium	11		12/27/2024	2019
7440-22-4	Silver	1.1	U*	12/27/2024	2019
7440-23-5	Sodium	570	U	12/27/2024	2019
7440-28-0	Thallium	2.9	U*	12/27/2024	2019
7440-62-2	Vanadium	18		12/27/2024	2019
7440-66-6	Zinc	77	*	12/27/2024	2019

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM31

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-18

% Solids: 88.4 Date Received: 12/04/2024

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		12/27/2024	2023
7440-36-0	Antimony	0.62	J*	12/27/2024	2023
7440-38-2	Arsenic	5.5	*	12/27/2024	2023
7440-39-3	Barium	48		12/27/2024	2023
7440-41-7	Beryllium	0.56		12/27/2024	2023
7440-43-9	Cadmium	0.12	J	12/27/2024	2023
7440-70-2	Calcium	1900		12/27/2024	2023
7440-47-3	Chromium	7.9		12/27/2024	2023
7440-48-4	Cobalt	5.4	*	12/27/2024	2023
7440-50-8	Copper	12		12/27/2024	2023
7439-89-6	Iron	11000		12/27/2024	2023
7439-92-1	Lead	12		12/27/2024	2023
7439-95-4	Magnesium	1800		12/27/2024	2023
7439-96-5	Manganese	190		12/27/2024	2023
7440-02-0	Nickel	9.9		12/27/2024	2023
7440-09-7	Potassium	240	J	12/27/2024	2023
7782-49-2	Selenium	6.0		12/27/2024	2023
7440-22-4	Silver	0.86	U*	12/27/2024	2023
7440-23-5	Sodium	430	U	12/27/2024	2023
7440-28-0	Thallium	2.1	U*	12/27/2024	2023
7440-62-2	Vanadium	12		12/27/2024	2023
7440-66-6	Zinc	32	*	12/27/2024	2023

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM41

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLL1

Matrix: SOIL Lab Sample ID: P5082-19

% Solids: 90.4 Date Received: 12/04/2024

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	4100		12/27/2024	2027
7440-36-0	Antimony	0.49	J*	12/27/2024	2027
7440-38-2	Arsenic	7.2	*	12/27/2024	2027
7440-39-3	Barium	78		12/27/2024	2027
7440-41-7	Beryllium	0.50		12/27/2024	2027
7440-43-9	Cadmium	0.23	J	12/27/2024	2027
7440-70-2	Calcium	4900		12/27/2024	2027
7440-47-3	Chromium	6.9		12/27/2024	2027
7440-48-4	Cobalt	7.6	*	12/27/2024	2027
7440-50-8	Copper	8.0		12/27/2024	2027
7439-89-6	Iron	12000		12/27/2024	2027
7439-92-1	Lead	52		12/27/2024	2027
7439-95-4	Magnesium	1800		12/27/2024	2027
7439-96-5	Manganese	760		12/27/2024	2027
7440-02-0	Nickel	11		12/27/2024	2027
7440-09-7	Potassium	520		12/27/2024	2027
7782-49-2	Selenium	6.5		12/27/2024	2027
7440-22-4	Silver	0.97	U*	12/27/2024	2027
7440-23-5	Sodium	490	U	12/27/2024	2027
7440-28-0	Thallium	2.4	U*	12/27/2024	2027
7440-62-2	Vanadium	9.8		12/27/2024	2027
7440-66-6	Zinc	32	*	12/27/2024	2027

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

Comments: