

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM90

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-01

% Solids: 76.2 Date Received: 12/05/2024

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	3800	*	12/29/2024	1848
7440-36-0	Antimony	14		12/29/2024	1848
7440-38-2	Arsenic	8.4		12/29/2024	1848
7440-39-3	Barium	120		12/29/2024	1848
7440-41-7	Beryllium	1.0		12/29/2024	1848
7440-43-9	Cadmium	0.33	J	12/29/2024	1848
7440-70-2	Calcium	36000	*	12/29/2024	1848
7440-47-3	Chromium	6.4	*	12/29/2024	1848
7440-48-4	Cobalt	3.7	J	12/29/2024	1848
7440-50-8	Copper	39	*	12/29/2024	1848
7439-89-6	Iron	16000	*	12/29/2024	1848
7439-92-1	Lead	410		12/29/2024	1848
7439-95-4	Magnesium	7000	*	12/29/2024	1848
7439-96-5	Manganese	590	*	12/29/2024	1848
7440-02-0	Nickel	10		12/29/2024	1848
7440-09-7	Potassium	250	J	12/29/2024	1848
7782-49-2	Selenium	5.2	*	12/29/2024	1848
7440-22-4	Silver	1.1	U*	12/29/2024	1848
7440-23-5	Sodium	530	U	12/29/2024	1848
7440-28-0	Thallium	2.7	U*	12/29/2024	1848
7440-62-2	Vanadium	13		12/29/2024	1848
7440-66-6	Zinc	110	*	12/29/2024	1848

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

Comments:

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MBHM91

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-02

% Solids: 72.8 Date Received: 12/05/2024

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	*	12/29/2024	1852
7440-36-0	Antimony	3.1	J	12/29/2024	1852
7440-38-2	Arsenic	24		12/29/2024	1852
7440-39-3	Barium	160		12/29/2024	1852
7440-41-7	Beryllium	1.4		12/29/2024	1852
7440-43-9	Cadmium	0.73		12/29/2024	1852
7440-70-2	Calcium	24000	*	12/29/2024	1852
7440-47-3	Chromium	14	*	12/29/2024	1852
7440-48-4	Cobalt	3.8	J	12/29/2024	1852
7440-50-8	Copper	45	*	12/29/2024	1852
7439-89-6	Iron	21000	*	12/29/2024	1852
7439-92-1	Lead	310		12/29/2024	1852
7439-95-4	Magnesium	4700	*	12/29/2024	1852
7439-96-5	Manganese	590	*	12/29/2024	1852
7440-02-0	Nickel	19		12/29/2024	1852
7440-09-7	Potassium	520	J	12/29/2024	1852
7782-49-2	Selenium	9.5	*	12/29/2024	1852
7440-22-4	Silver	1.2	U*	12/29/2024	1852
7440-23-5	Sodium	610	U	12/29/2024	1852
7440-28-0	Thallium	3.1	U*	12/29/2024	1852
7440-62-2	Vanadium	19		12/29/2024	1852
7440-66-6	Zinc	260	*	12/29/2024	1852

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

Comments:

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MBHM92

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-03

% Solids: 71.4 Date Received: 12/05/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5400	*	12/29/2024	1856
7440-36-0	Antimony	4.2	J	12/29/2024	1856
7440-38-2	Arsenic	27		12/29/2024	1856
7440-39-3	Barium	190		12/29/2024	1856
7440-41-7	Beryllium	1.4		12/29/2024	1856
7440-43-9	Cadmium	0.89		12/29/2024	1856
7440-70-2	Calcium	19000	*	12/29/2024	1856
7440-47-3	Chromium	18	*	12/29/2024	1856
7440-48-4	Cobalt	4.5	J	12/29/2024	1856
7440-50-8	Copper	57	*	12/29/2024	1856
7439-89-6	Iron	20000	*	12/29/2024	1856
7439-92-1	Lead	370		12/29/2024	1856
7439-95-4	Magnesium	4500	*	12/29/2024	1856
7439-96-5	Manganese	570	*	12/29/2024	1856
7440-02-0	Nickel	23		12/29/2024	1856
7440-09-7	Potassium	560	J	12/29/2024	1856
7782-49-2	Selenium	9.2	*	12/29/2024	1856
7440-22-4	Silver	1.1	U*	12/29/2024	1856
7440-23-5	Sodium	570	U	12/29/2024	1856
7440-28-0	Thallium	2.9	U*	12/29/2024	1856
7440-62-2	Vanadium	21		12/29/2024	1856
7440-66-6	Zinc	320	*	12/29/2024	1856

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

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MBHM93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-04

% Solids: 70.3 Date Received: 12/05/2024

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	5500	*	12/29/2024	1900
7440-36-0	Antimony	3.4	J	12/29/2024	1900
7440-38-2	Arsenic	29		12/29/2024	1900
7440-39-3	Barium	190		12/29/2024	1900
7440-41-7	Beryllium	1.3		12/29/2024	1900
7440-43-9	Cadmium	0.86		12/29/2024	1900
7440-70-2	Calcium	19000	*	12/29/2024	1900
7440-47-3	Chromium	20	*	12/29/2024	1900
7440-48-4	Cobalt	5.3	J	12/29/2024	1900
7440-50-8	Copper	58	*	12/29/2024	1900
7439-89-6	Iron	20000	*	12/29/2024	1900
7439-92-1	Lead	350		12/29/2024	1900
7439-95-4	Magnesium	4400	*	12/29/2024	1900
7439-96-5	Manganese	590	*	12/29/2024	1900
7440-02-0	Nickel	24		12/29/2024	1900
7440-09-7	Potassium	430	J	12/29/2024	1900
7782-49-2	Selenium	9.0	*	12/29/2024	1900
7440-22-4	Silver	1.2	U*	12/29/2024	1900
7440-23-5	Sodium	600	U	12/29/2024	1900
7440-28-0	Thallium	3.0	U*	12/29/2024	1900
7440-62-2	Vanadium	27		12/29/2024	1900
7440-66-6	Zinc	300	*	12/29/2024	1900

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

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MBHM94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-05

% Solids: 77.7 Date Received: 12/05/2024

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	5500	*	12/29/2024	1904
7440-36-0	Antimony	4.0	J	12/29/2024	1904
7440-38-2	Arsenic	32		12/29/2024	1904
7440-39-3	Barium	170		12/29/2024	1904
7440-41-7	Beryllium	1.5		12/29/2024	1904
7440-43-9	Cadmium	0.96		12/29/2024	1904
7440-70-2	Calcium	18000	*	12/29/2024	1904
7440-47-3	Chromium	18	*	12/29/2024	1904
7440-48-4	Cobalt	3.5	J	12/29/2024	1904
7440-50-8	Copper	58	*	12/29/2024	1904
7439-89-6	Iron	22000	*	12/29/2024	1904
7439-92-1	Lead	380		12/29/2024	1904
7439-95-4	Magnesium	3900	*	12/29/2024	1904
7439-96-5	Manganese	550	*	12/29/2024	1904
7440-02-0	Nickel	22		12/29/2024	1904
7440-09-7	Potassium	440	J	12/29/2024	1904
7782-49-2	Selenium	10	*	12/29/2024	1904
7440-22-4	Silver	0.98	U*	12/29/2024	1904
7440-23-5	Sodium	98	J	12/29/2024	1904
7440-28-0	Thallium	2.4	U*	12/29/2024	1904
7440-62-2	Vanadium	22		12/29/2024	1904
7440-66-6	Zinc	310	*	12/29/2024	1904

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

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MBHM95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-08

% Solids: 72 Date Received: 12/05/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000	*	12/29/2024	1919
7440-36-0	Antimony	3.3	J	12/29/2024	1919
7440-38-2	Arsenic	130		12/29/2024	1919
7440-39-3	Barium	380		12/29/2024	1919
7440-41-7	Beryllium	1.3		12/29/2024	1919
7440-43-9	Cadmium	1.3		12/29/2024	1919
7440-70-2	Calcium	17000	*	12/29/2024	1919
7440-47-3	Chromium	17	*	12/29/2024	1919
7440-48-4	Cobalt	6.4		12/29/2024	1919
7440-50-8	Copper	120	*	12/29/2024	1919
7439-89-6	Iron	23000	*	12/29/2024	1919
7439-92-1	Lead	310		12/29/2024	1919
7439-95-4	Magnesium	3500	*	12/29/2024	1919
7439-96-5	Manganese	2600	*	12/29/2024	1919
7440-02-0	Nickel	21		12/29/2024	1919
7440-09-7	Potassium	290	J	12/29/2024	1919
7782-49-2	Selenium	12	*	12/29/2024	1919
7440-22-4	Silver	1.2	U*	12/29/2024	1919
7440-23-5	Sodium	600	U	12/29/2024	1919
7440-28-0	Thallium	3.0	U*	12/29/2024	1919
7440-62-2	Vanadium	19		12/29/2024	1919
7440-66-6	Zinc	310	*	12/29/2024	1919

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

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MBHM96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-09

% Solids: 71.6 Date Received: 12/05/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900	*	12/29/2024	1931
7440-36-0	Antimony	2.5	J	12/29/2024	1931
7440-38-2	Arsenic	46		12/29/2024	1931
7440-39-3	Barium	220		12/29/2024	1931
7440-41-7	Beryllium	1.2		12/29/2024	1931
7440-43-9	Cadmium	0.57		12/29/2024	1931
7440-70-2	Calcium	17000	*	12/29/2024	1931
7440-47-3	Chromium	12	*	12/29/2024	1931
7440-48-4	Cobalt	6.2		12/29/2024	1931
7440-50-8	Copper	23	*	12/29/2024	1931
7439-89-6	Iron	18000	*	12/29/2024	1931
7439-92-1	Lead	140		12/29/2024	1931
7439-95-4	Magnesium	3900	*	12/29/2024	1931
7439-96-5	Manganese	730	*	12/29/2024	1931
7440-02-0	Nickel	14		12/29/2024	1931
7440-09-7	Potassium	350	J	12/29/2024	1931
7782-49-2	Selenium	8.2	*	12/29/2024	1931
7440-22-4	Silver	0.97	U*	12/29/2024	1931
7440-23-5	Sodium	490	U	12/29/2024	1931
7440-28-0	Thallium	2.4	U*	12/29/2024	1931
7440-62-2	Vanadium	16		12/29/2024	1931
7440-66-6	Zinc	110	*	12/29/2024	1931

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

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MBHM97

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-10

% Solids: 76.7 Date Received: 12/05/2024

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	4700	*	12/29/2024	1934
7440-36-0	Antimony	0.51	J	12/29/2024	1934
7440-38-2	Arsenic	9.8		12/29/2024	1934
7440-39-3	Barium	120		12/29/2024	1934
7440-41-7	Beryllium	0.92		12/29/2024	1934
7440-43-9	Cadmium	0.57		12/29/2024	1934
7440-70-2	Calcium	49000	*	12/29/2024	1934
7440-47-3	Chromium	8.9	*	12/29/2024	1934
7440-48-4	Cobalt	9.3		12/29/2024	1934
7440-50-8	Copper	21	*	12/29/2024	1934
7439-89-6	Iron	14000	*	12/29/2024	1934
7439-92-1	Lead	38		12/29/2024	1934
7439-95-4	Magnesium	9100	*	12/29/2024	1934
7439-96-5	Manganese	420	*	12/29/2024	1934
7440-02-0	Nickel	14		12/29/2024	1934
7440-09-7	Potassium	470	J	12/29/2024	1934
7782-49-2	Selenium	4.5	*	12/29/2024	1934
7440-22-4	Silver	1.0	U*	12/29/2024	1934
7440-23-5	Sodium	510	U	12/29/2024	1934
7440-28-0	Thallium	2.5	U*	12/29/2024	1934
7440-62-2	Vanadium	14		12/29/2024	1934
7440-66-6	Zinc	77	*	12/29/2024	1934

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

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MBHMB2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-11

% Solids: 74.7 Date Received: 12/05/2024

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	*	12/29/2024	1938
7440-36-0	Antimony	1.6	J	12/29/2024	1938
7440-38-2	Arsenic	9.8		12/29/2024	1938
7440-39-3	Barium	86		12/29/2024	1938
7440-41-7	Beryllium	1.2		12/29/2024	1938
7440-43-9	Cadmium	0.61		12/29/2024	1938
7440-70-2	Calcium	30000	*	12/29/2024	1938
7440-47-3	Chromium	12	*	12/29/2024	1938
7440-48-4	Cobalt	4.6	J	12/29/2024	1938
7440-50-8	Copper	30	*	12/29/2024	1938
7439-89-6	Iron	18000	*	12/29/2024	1938
7439-92-1	Lead	200		12/29/2024	1938
7439-95-4	Magnesium	9700	*	12/29/2024	1938
7439-96-5	Manganese	500	*	12/29/2024	1938
7440-02-0	Nickel	20		12/29/2024	1938
7440-09-7	Potassium	500	J	12/29/2024	1938
7782-49-2	Selenium	6.3	*	12/29/2024	1938
7440-22-4	Silver	1.1	U*	12/29/2024	1938
7440-23-5	Sodium	570	U	12/29/2024	1938
7440-28-0	Thallium	2.9	U*	12/29/2024	1938
7440-62-2	Vanadium	15		12/29/2024	1938
7440-66-6	Zinc	210	*	12/29/2024	1938

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

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MBHMB3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-12

% Solids: 78.4 Date Received: 12/05/2024

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	4800	*	12/29/2024	1942
7440-36-0	Antimony	2.3	J	12/29/2024	1942
7440-38-2	Arsenic	9.9		12/29/2024	1942
7440-39-3	Barium	75		12/29/2024	1942
7440-41-7	Beryllium	1.1		12/29/2024	1942
7440-43-9	Cadmium	0.51		12/29/2024	1942
7440-70-2	Calcium	34000	*	12/29/2024	1942
7440-47-3	Chromium	9.4	*	12/29/2024	1942
7440-48-4	Cobalt	4.1	J	12/29/2024	1942
7440-50-8	Copper	24	*	12/29/2024	1942
7439-89-6	Iron	16000	*	12/29/2024	1942
7439-92-1	Lead	160		12/29/2024	1942
7439-95-4	Magnesium	11000	*	12/29/2024	1942
7439-96-5	Manganese	470	*	12/29/2024	1942
7440-02-0	Nickel	18		12/29/2024	1942
7440-09-7	Potassium	480		12/29/2024	1942
7782-49-2	Selenium	5.3	*	12/29/2024	1942
7440-22-4	Silver	0.92	U*	12/29/2024	1942
7440-23-5	Sodium	460	U	12/29/2024	1942
7440-28-0	Thallium	2.3	U*	12/29/2024	1942
7440-62-2	Vanadium	13		12/29/2024	1942
7440-66-6	Zinc	130	*	12/29/2024	1942

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

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MBHMB4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90
 Matrix: SOIL Lab Sample ID: P5125-13
 % Solids: 76.9 Date Received: 12/05/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4700	*	12/29/2024	1946
7440-36-0	Antimony	6.7	U	12/29/2024	1946
7440-38-2	Arsenic	12		12/29/2024	1946
7440-39-3	Barium	80		12/29/2024	1946
7440-41-7	Beryllium	1.2		12/29/2024	1946
7440-43-9	Cadmium	0.53	J	12/29/2024	1946
7440-70-2	Calcium	43000	*	12/29/2024	1946
7440-47-3	Chromium	10	*	12/29/2024	1946
7440-48-4	Cobalt	5.3	J	12/29/2024	1946
7440-50-8	Copper	28	*	12/29/2024	1946
7439-89-6	Iron	17000	*	12/29/2024	1946
7439-92-1	Lead	190		12/29/2024	1946
7439-95-4	Magnesium	9300	*	12/29/2024	1946
7439-96-5	Manganese	480	*	12/29/2024	1946
7440-02-0	Nickel	18		12/29/2024	1946
7440-09-7	Potassium	490	J	12/29/2024	1946
7782-49-2	Selenium	5.4	*	12/29/2024	1946
7440-22-4	Silver	1.1	U*	12/29/2024	1946
7440-23-5	Sodium	560	U	12/29/2024	1946
7440-28-0	Thallium	2.8	U*	12/29/2024	1946
7440-62-2	Vanadium	13		12/29/2024	1946
7440-66-6	Zinc	120	*	12/29/2024	1946

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-14

% Solids: 85.4 Date Received: 12/05/2024

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	*	12/29/2024	1950
7440-36-0	Antimony	0.76	J	12/29/2024	1950
7440-38-2	Arsenic	8.6		12/29/2024	1950
7440-39-3	Barium	76		12/29/2024	1950
7440-41-7	Beryllium	0.98		12/29/2024	1950
7440-43-9	Cadmium	0.33	J	12/29/2024	1950
7440-70-2	Calcium	53000	*	12/29/2024	1950
7440-47-3	Chromium	5.5	*	12/29/2024	1950
7440-48-4	Cobalt	4.9		12/29/2024	1950
7440-50-8	Copper	32	*	12/29/2024	1950
7439-89-6	Iron	14000	*	12/29/2024	1950
7439-92-1	Lead	150		12/29/2024	1950
7439-95-4	Magnesium	8300	*	12/29/2024	1950
7439-96-5	Manganese	440	*	12/29/2024	1950
7440-02-0	Nickel	14		12/29/2024	1950
7440-09-7	Potassium	360	J	12/29/2024	1950
7782-49-2	Selenium	4.6	*	12/29/2024	1950
7440-22-4	Silver	0.91	U*	12/29/2024	1950
7440-23-5	Sodium	450	U	12/29/2024	1950
7440-28-0	Thallium	2.3	U*	12/29/2024	1950
7440-62-2	Vanadium	9.4		12/29/2024	1950
7440-66-6	Zinc	79	*	12/29/2024	1950

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-15

% Solids: 86.5 Date Received: 12/05/2024

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	*	12/29/2024	1954
7440-36-0	Antimony	6.1	U	12/29/2024	1954
7440-38-2	Arsenic	9.5		12/29/2024	1954
7440-39-3	Barium	90		12/29/2024	1954
7440-41-7	Beryllium	1.3		12/29/2024	1954
7440-43-9	Cadmium	0.31	J	12/29/2024	1954
7440-70-2	Calcium	45000	*	12/29/2024	1954
7440-47-3	Chromium	5.1	*	12/29/2024	1954
7440-48-4	Cobalt	3.8	J	12/29/2024	1954
7440-50-8	Copper	25	*	12/29/2024	1954
7439-89-6	Iron	15000	*	12/29/2024	1954
7439-92-1	Lead	310		12/29/2024	1954
7439-95-4	Magnesium	8700	*	12/29/2024	1954
7439-96-5	Manganese	340	*	12/29/2024	1954
7440-02-0	Nickel	12		12/29/2024	1954
7440-09-7	Potassium	340	J	12/29/2024	1954
7782-49-2	Selenium	4.5	*	12/29/2024	1954
7440-22-4	Silver	1.0	U*	12/29/2024	1954
7440-23-5	Sodium	130	J	12/29/2024	1954
7440-28-0	Thallium	2.5	U*	12/29/2024	1954
7440-62-2	Vanadium	12		12/29/2024	1954
7440-66-6	Zinc	93	*	12/29/2024	1954

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-16

% Solids: 90 Date Received: 12/05/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3500	*	12/29/2024	1957
7440-36-0	Antimony	0.88	J	12/29/2024	1957
7440-38-2	Arsenic	10		12/29/2024	1957
7440-39-3	Barium	79		12/29/2024	1957
7440-41-7	Beryllium	0.96		12/29/2024	1957
7440-43-9	Cadmium	0.31	J	12/29/2024	1957
7440-70-2	Calcium	47000	*	12/29/2024	1957
7440-47-3	Chromium	5.7	*	12/29/2024	1957
7440-48-4	Cobalt	4.5		12/29/2024	1957
7440-50-8	Copper	25	*	12/29/2024	1957
7439-89-6	Iron	12000	*	12/29/2024	1957
7439-92-1	Lead	270		12/29/2024	1957
7439-95-4	Magnesium	11000	*	12/29/2024	1957
7439-96-5	Manganese	360	*	12/29/2024	1957
7440-02-0	Nickel	10		12/29/2024	1957
7440-09-7	Potassium	270	J	12/29/2024	1957
7782-49-2	Selenium	3.8	*	12/29/2024	1957
7440-22-4	Silver	0.88	U*	12/29/2024	1957
7440-23-5	Sodium	89	J	12/29/2024	1957
7440-28-0	Thallium	2.2	U*	12/29/2024	1957
7440-62-2	Vanadium	9.4		12/29/2024	1957
7440-66-6	Zinc	98	*	12/29/2024	1957

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-17

% Solids: 86.6 Date Received: 12/05/2024

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	4400	*	12/29/2024	2001
7440-36-0	Antimony	6.2	U	12/29/2024	2001
7440-38-2	Arsenic	9.1		12/29/2024	2001
7440-39-3	Barium	54		12/29/2024	2001
7440-41-7	Beryllium	0.93		12/29/2024	2001
7440-43-9	Cadmium	0.40	J	12/29/2024	2001
7440-70-2	Calcium	56000	*	12/29/2024	2001
7440-47-3	Chromium	6.8	*	12/29/2024	2001
7440-48-4	Cobalt	6.6		12/29/2024	2001
7440-50-8	Copper	20	*	12/29/2024	2001
7439-89-6	Iron	14000	*	12/29/2024	2001
7439-92-1	Lead	78		12/29/2024	2001
7439-95-4	Magnesium	11000	*	12/29/2024	2001
7439-96-5	Manganese	780	*	12/29/2024	2001
7440-02-0	Nickel	14		12/29/2024	2001
7440-09-7	Potassium	520		12/29/2024	2001
7782-49-2	Selenium	4.0	*	12/29/2024	2001
7440-22-4	Silver	1.0	U*	12/29/2024	2001
7440-23-5	Sodium	520	U	12/29/2024	2001
7440-28-0	Thallium	2.6	U*	12/29/2024	2001
7440-62-2	Vanadium	10		12/29/2024	2001
7440-66-6	Zinc	73	*	12/29/2024	2001

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-18

% Solids: 76.7 Date Received: 12/05/2024

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	*	12/29/2024	2005
7440-36-0	Antimony	3.5	J	12/29/2024	2005
7440-38-2	Arsenic	20		12/29/2024	2005
7440-39-3	Barium	140		12/29/2024	2005
7440-41-7	Beryllium	1.3		12/29/2024	2005
7440-43-9	Cadmium	0.80		12/29/2024	2005
7440-70-2	Calcium	16000	*	12/29/2024	2005
7440-47-3	Chromium	27	*	12/29/2024	2005
7440-48-4	Cobalt	5.6		12/29/2024	2005
7440-50-8	Copper	82	*	12/29/2024	2005
7439-89-6	Iron	19000	*	12/29/2024	2005
7439-92-1	Lead	360		12/29/2024	2005
7439-95-4	Magnesium	3400	*	12/29/2024	2005
7439-96-5	Manganese	500	*	12/29/2024	2005
7440-02-0	Nickel	47		12/29/2024	2005
7440-09-7	Potassium	370	J	12/29/2024	2005
7782-49-2	Selenium	9.6	*	12/29/2024	2005
7440-22-4	Silver	0.94	U*	12/29/2024	2005
7440-23-5	Sodium	470	U	12/29/2024	2005
7440-28-0	Thallium	2.3	U*	12/29/2024	2005
7440-62-2	Vanadium	21		12/29/2024	2005
7440-66-6	Zinc	230	*	12/29/2024	2005

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM90

Matrix: SOIL Lab Sample ID: P5125-19

% Solids: 73.1 Date Received: 12/05/2024

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	5500	*	12/29/2024	2009
7440-36-0	Antimony	1.8	J	12/29/2024	2009
7440-38-2	Arsenic	10		12/29/2024	2009
7440-39-3	Barium	82		12/29/2024	2009
7440-41-7	Beryllium	1.2		12/29/2024	2009
7440-43-9	Cadmium	0.59		12/29/2024	2009
7440-70-2	Calcium	33000	*	12/29/2024	2009
7440-47-3	Chromium	12	*	12/29/2024	2009
7440-48-4	Cobalt	4.8	J	12/29/2024	2009
7440-50-8	Copper	32	*	12/29/2024	2009
7439-89-6	Iron	19000	*	12/29/2024	2009
7439-92-1	Lead	210		12/29/2024	2009
7439-95-4	Magnesium	11000	*	12/29/2024	2009
7439-96-5	Manganese	530	*	12/29/2024	2009
7440-02-0	Nickel	20		12/29/2024	2009
7440-09-7	Potassium	550	J	12/29/2024	2009
7782-49-2	Selenium	6.7	*	12/29/2024	2009
7440-22-4	Silver	1.2	U*	12/29/2024	2009
7440-23-5	Sodium	590	U	12/29/2024	2009
7440-28-0	Thallium	3.0	U*	12/29/2024	2009
7440-62-2	Vanadium	15		12/29/2024	2009
7440-66-6	Zinc	210	*	12/29/2024	2009

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

Comments: