

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-01

% Solids: 74.5 Date Received: 11/27/2024

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	6200		12/27/2024	1753
7440-36-0	Antimony	1.6	J*	12/27/2024	1753
7440-38-2	Arsenic	14		12/27/2024	1753
7440-39-3	Barium	160		12/27/2024	1753
7440-41-7	Beryllium	0.74		12/27/2024	1753
7440-43-9	Cadmium	0.76		12/27/2024	1753
7440-70-2	Calcium	4200		12/27/2024	1753
7440-47-3	Chromium	12		12/27/2024	1753
7440-48-4	Cobalt	8.9	*	12/27/2024	1753
7440-50-8	Copper	42		12/27/2024	1753
7439-89-6	Iron	16000		12/27/2024	1753
7439-92-1	Lead	260		12/27/2024	1753
7439-95-4	Magnesium	2000		12/27/2024	1753
7439-96-5	Manganese	800		12/27/2024	1753
7440-02-0	Nickel	16		12/27/2024	1753
7440-09-7	Potassium	610		12/27/2024	1753
7782-49-2	Selenium	8.5	*	12/27/2024	1753
7440-22-4	Silver	1.1	U*	12/27/2024	1753
7440-23-5	Sodium	550	U	12/27/2024	1753
7440-28-0	Thallium	2.7	U*	12/27/2024	1753
7440-62-2	Vanadium	17		12/27/2024	1753
7440-66-6	Zinc	190	*	12/27/2024	1753

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

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MBHK14

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-02

% Solids: 78.8 Date Received: 11/27/2024

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		12/27/2024	1757
7440-36-0	Antimony	1.4	J*	12/27/2024	1757
7440-38-2	Arsenic	14		12/27/2024	1757
7440-39-3	Barium	160		12/27/2024	1757
7440-41-7	Beryllium	0.73		12/27/2024	1757
7440-43-9	Cadmium	0.67		12/27/2024	1757
7440-70-2	Calcium	4200		12/27/2024	1757
7440-47-3	Chromium	11		12/27/2024	1757
7440-48-4	Cobalt	9.2	*	12/27/2024	1757
7440-50-8	Copper	49		12/27/2024	1757
7439-89-6	Iron	16000		12/27/2024	1757
7439-92-1	Lead	210		12/27/2024	1757
7439-95-4	Magnesium	2000		12/27/2024	1757
7439-96-5	Manganese	850		12/27/2024	1757
7440-02-0	Nickel	16		12/27/2024	1757
7440-09-7	Potassium	500	J	12/27/2024	1757
7782-49-2	Selenium	8.7	*	12/27/2024	1757
7440-22-4	Silver	1.0	U*	12/27/2024	1757
7440-23-5	Sodium	510	U	12/27/2024	1757
7440-28-0	Thallium	2.5	U*	12/27/2024	1757
7440-62-2	Vanadium	17		12/27/2024	1757
7440-66-6	Zinc	150	*	12/27/2024	1757

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

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MBHK15

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-03

% Solids: 82.8 Date Received: 11/27/2024

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	6700		12/27/2024	1801
7440-36-0	Antimony	0.96	J*	12/27/2024	1801
7440-38-2	Arsenic	11		12/27/2024	1801
7440-39-3	Barium	120		12/27/2024	1801
7440-41-7	Beryllium	0.70		12/27/2024	1801
7440-43-9	Cadmium	0.44	J	12/27/2024	1801
7440-70-2	Calcium	4100		12/27/2024	1801
7440-47-3	Chromium	9.6		12/27/2024	1801
7440-48-4	Cobalt	8.8	*	12/27/2024	1801
7440-50-8	Copper	28		12/27/2024	1801
7439-89-6	Iron	16000		12/27/2024	1801
7439-92-1	Lead	81		12/27/2024	1801
7439-95-4	Magnesium	2100		12/27/2024	1801
7439-96-5	Manganese	820		12/27/2024	1801
7440-02-0	Nickel	12		12/27/2024	1801
7440-09-7	Potassium	430	J	12/27/2024	1801
7782-49-2	Selenium	8.7	*	12/27/2024	1801
7440-22-4	Silver	0.91	U*	12/27/2024	1801
7440-23-5	Sodium	450	U	12/27/2024	1801
7440-28-0	Thallium	2.3	U*	12/27/2024	1801
7440-62-2	Vanadium	17		12/27/2024	1801
7440-66-6	Zinc	70	*	12/27/2024	1801

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

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MBHK16

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-04

% Solids: 90 Date Received: 11/27/2024

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	6200		12/27/2024	1805
7440-36-0	Antimony	1.6	J*	12/27/2024	1805
7440-38-2	Arsenic	9.7		12/27/2024	1805
7440-39-3	Barium	70		12/27/2024	1805
7440-41-7	Beryllium	0.68		12/27/2024	1805
7440-43-9	Cadmium	0.27	J	12/27/2024	1805
7440-70-2	Calcium	2800		12/27/2024	1805
7440-47-3	Chromium	12		12/27/2024	1805
7440-48-4	Cobalt	8.2	*	12/27/2024	1805
7440-50-8	Copper	14		12/27/2024	1805
7439-89-6	Iron	16000		12/27/2024	1805
7439-92-1	Lead	30		12/27/2024	1805
7439-95-4	Magnesium	2100		12/27/2024	1805
7439-96-5	Manganese	610		12/27/2024	1805
7440-02-0	Nickel	13		12/27/2024	1805
7440-09-7	Potassium	520		12/27/2024	1805
7782-49-2	Selenium	9.3	*	12/27/2024	1805
7440-22-4	Silver	0.82	U*	12/27/2024	1805
7440-23-5	Sodium	410	U	12/27/2024	1805
7440-28-0	Thallium	2.0	U*	12/27/2024	1805
7440-62-2	Vanadium	17		12/27/2024	1805
7440-66-6	Zinc	42	*	12/27/2024	1805

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

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MBHK17

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-05

% Solids: 91.6 Date Received: 11/27/2024

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	1809
7440-36-0	Antimony	1.9	J*	12/27/2024	1809
7440-38-2	Arsenic	19		12/27/2024	1809
7440-39-3	Barium	53		12/27/2024	1809
7440-41-7	Beryllium	0.75		12/27/2024	1809
7440-43-9	Cadmium	0.24	J	12/27/2024	1809
7440-70-2	Calcium	3100		12/27/2024	1809
7440-47-3	Chromium	9.4		12/27/2024	1809
7440-48-4	Cobalt	13	*	12/27/2024	1809
7440-50-8	Copper	63		12/27/2024	1809
7439-89-6	Iron	20000		12/27/2024	1809
7439-92-1	Lead	27		12/27/2024	1809
7439-95-4	Magnesium	2800		12/27/2024	1809
7439-96-5	Manganese	610		12/27/2024	1809
7440-02-0	Nickel	16		12/27/2024	1809
7440-09-7	Potassium	850		12/27/2024	1809
7782-49-2	Selenium	11	*	12/27/2024	1809
7440-22-4	Silver	0.76	U*	12/27/2024	1809
7440-23-5	Sodium	380	U	12/27/2024	1809
7440-28-0	Thallium	1.9	U*	12/27/2024	1809
7440-62-2	Vanadium	22		12/27/2024	1809
7440-66-6	Zinc	43	*	12/27/2024	1809

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

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MBHK18

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-06

% Solids: 93.6 Date Received: 11/27/2024

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	4500		12/27/2024	1813
7440-36-0	Antimony	5.1	U*	12/27/2024	1813
7440-38-2	Arsenic	11		12/27/2024	1813
7440-39-3	Barium	59		12/27/2024	1813
7440-41-7	Beryllium	0.49		12/27/2024	1813
7440-43-9	Cadmium	0.26	J	12/27/2024	1813
7440-70-2	Calcium	43000		12/27/2024	1813
7440-47-3	Chromium	7.1		12/27/2024	1813
7440-48-4	Cobalt	11	*	12/27/2024	1813
7440-50-8	Copper	19		12/27/2024	1813
7439-89-6	Iron	14000		12/27/2024	1813
7439-92-1	Lead	24		12/27/2024	1813
7439-95-4	Magnesium	9800		12/27/2024	1813
7439-96-5	Manganese	930		12/27/2024	1813
7440-02-0	Nickel	14		12/27/2024	1813
7440-09-7	Potassium	720		12/27/2024	1813
7782-49-2	Selenium	5.4	*	12/27/2024	1813
7440-22-4	Silver	0.85	U*	12/27/2024	1813
7440-23-5	Sodium	110	J	12/27/2024	1813
7440-28-0	Thallium	2.1	U*	12/27/2024	1813
7440-62-2	Vanadium	14		12/27/2024	1813
7440-66-6	Zinc	34	*	12/27/2024	1813

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

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MBHK19

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-07

% Solids: 93.1 Date Received: 11/27/2024

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	4300		12/27/2024	1817
7440-36-0	Antimony	4.7	U*	12/27/2024	1817
7440-38-2	Arsenic	6.8	D	12/30/2024	2002
7440-39-3	Barium	69		12/27/2024	1817
7440-41-7	Beryllium	0.47		12/27/2024	1817
7440-43-9	Cadmium	0.34	J	12/27/2024	1817
7440-70-2	Calcium	81000	D	12/30/2024	2002
7440-47-3	Chromium	6.9		12/27/2024	1817
7440-48-4	Cobalt	11	*	12/27/2024	1817
7440-50-8	Copper	20		12/27/2024	1817
7439-89-6	Iron	13000		12/27/2024	1817
7439-92-1	Lead	24		12/27/2024	1817
7439-95-4	Magnesium	30000		12/27/2024	1817
7439-96-5	Manganese	1400		12/27/2024	1817
7440-02-0	Nickel	15		12/27/2024	1817
7440-09-7	Potassium	830		12/27/2024	1817
7782-49-2	Selenium	5.2	*	12/27/2024	1817
7440-22-4	Silver	0.78	U*	12/27/2024	1817
7440-23-5	Sodium	130	J	12/27/2024	1817
7440-28-0	Thallium	2.0	U*	12/27/2024	1817
7440-62-2	Vanadium	13		12/27/2024	1817
7440-66-6	Zinc	33	*	12/27/2024	1817

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

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MBHK20

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-08

% Solids: 76 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7800		12/27/2024	1821
7440-36-0	Antimony	2.0	J*	12/27/2024	1821
7440-38-2	Arsenic	21		12/27/2024	1821
7440-39-3	Barium	370		12/27/2024	1821
7440-41-7	Beryllium	0.91		12/27/2024	1821
7440-43-9	Cadmium	1.2		12/27/2024	1821
7440-70-2	Calcium	5300		12/27/2024	1821
7440-47-3	Chromium	20		12/27/2024	1821
7440-48-4	Cobalt	11	*	12/27/2024	1821
7440-50-8	Copper	72		12/27/2024	1821
7439-89-6	Iron	18000		12/27/2024	1821
7439-92-1	Lead	460		12/27/2024	1821
7439-95-4	Magnesium	2200		12/27/2024	1821
7439-96-5	Manganese	640		12/27/2024	1821
7440-02-0	Nickel	21		12/27/2024	1821
7440-09-7	Potassium	990		12/27/2024	1821
7782-49-2	Selenium	13	*	12/27/2024	1821
7440-22-4	Silver	1.1	U*	12/27/2024	1821
7440-23-5	Sodium	530	U	12/27/2024	1821
7440-28-0	Thallium	2.6	U*	12/27/2024	1821
7440-62-2	Vanadium	23		12/27/2024	1821
7440-66-6	Zinc	380	*	12/27/2024	1821

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

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MBHK21

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-09

% Solids: 83 Date Received: 11/27/2024

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		12/27/2024	1825
7440-36-0	Antimony	2.1	J*	12/27/2024	1825
7440-38-2	Arsenic	25		12/27/2024	1825
7440-39-3	Barium	330		12/27/2024	1825
7440-41-7	Beryllium	0.94		12/27/2024	1825
7440-43-9	Cadmium	1.3		12/27/2024	1825
7440-70-2	Calcium	5000		12/27/2024	1825
7440-47-3	Chromium	19		12/27/2024	1825
7440-48-4	Cobalt	11	*	12/27/2024	1825
7440-50-8	Copper	71		12/27/2024	1825
7439-89-6	Iron	21000		12/27/2024	1825
7439-92-1	Lead	500		12/27/2024	1825
7439-95-4	Magnesium	2400		12/27/2024	1825
7439-96-5	Manganese	580		12/27/2024	1825
7440-02-0	Nickel	20		12/27/2024	1825
7440-09-7	Potassium	720		12/27/2024	1825
7782-49-2	Selenium	14	*	12/27/2024	1825
7440-22-4	Silver	0.94	U*	12/27/2024	1825
7440-23-5	Sodium	470	U	12/27/2024	1825
7440-28-0	Thallium	2.4	U*	12/27/2024	1825
7440-62-2	Vanadium	24		12/27/2024	1825
7440-66-6	Zinc	370	*	12/27/2024	1825

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

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MBHK22

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-10

% Solids: 84.4 Date Received: 11/27/2024

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	1829
7440-36-0	Antimony	5.7	U*	12/27/2024	1829
7440-38-2	Arsenic	20		12/27/2024	1829
7440-39-3	Barium	280		12/27/2024	1829
7440-41-7	Beryllium	0.81		12/27/2024	1829
7440-43-9	Cadmium	1.1		12/27/2024	1829
7440-70-2	Calcium	17000		12/27/2024	1829
7440-47-3	Chromium	15		12/27/2024	1829
7440-48-4	Cobalt	12	*	12/27/2024	1829
7440-50-8	Copper	55		12/27/2024	1829
7439-89-6	Iron	17000		12/27/2024	1829
7439-92-1	Lead	510		12/27/2024	1829
7439-95-4	Magnesium	6100		12/27/2024	1829
7439-96-5	Manganese	790		12/27/2024	1829
7440-02-0	Nickel	17		12/27/2024	1829
7440-09-7	Potassium	730		12/27/2024	1829
7782-49-2	Selenium	9.5	*	12/27/2024	1829
7440-22-4	Silver	0.96	U*	12/27/2024	1829
7440-23-5	Sodium	480	U	12/27/2024	1829
7440-28-0	Thallium	2.4	U*	12/27/2024	1829
7440-62-2	Vanadium	22		12/27/2024	1829
7440-66-6	Zinc	260	*	12/27/2024	1829

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

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MBHK23

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-13

% Solids: 87.9 Date Received: 11/27/2024

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	4600		12/27/2024	1840
7440-36-0	Antimony	4.6	U*	12/27/2024	1840
7440-38-2	Arsenic	8.9	D	12/30/2024	2006
7440-39-3	Barium	82		12/27/2024	1840
7440-41-7	Beryllium	0.54		12/27/2024	1840
7440-43-9	Cadmium	0.46		12/27/2024	1840
7440-70-2	Calcium	94000	D	12/30/2024	2006
7440-47-3	Chromium	7.6		12/27/2024	1840
7440-48-4	Cobalt	11	*	12/27/2024	1840
7440-50-8	Copper	26		12/27/2024	1840
7439-89-6	Iron	12000		12/27/2024	1840
7439-92-1	Lead	48		12/27/2024	1840
7439-95-4	Magnesium	6900		12/27/2024	1840
7439-96-5	Manganese	790		12/27/2024	1840
7440-02-0	Nickel	13		12/27/2024	1840
7440-09-7	Potassium	1000		12/27/2024	1840
7782-49-2	Selenium	4.6	*	12/27/2024	1840
7440-22-4	Silver	0.77	U*	12/27/2024	1840
7440-23-5	Sodium	380	U	12/27/2024	1840
7440-28-0	Thallium	1.9	U*	12/27/2024	1840
7440-62-2	Vanadium	11		12/27/2024	1840
7440-66-6	Zinc	60	*	12/27/2024	1840

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

Comments:

FORM 1 - IN
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MBHK24

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-14

% Solids: 91 Date Received: 11/27/2024

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	4600		12/27/2024	1844
7440-36-0	Antimony	5.4	U*	12/27/2024	1844
7440-38-2	Arsenic	9.6	D	12/30/2024	2010
7440-39-3	Barium	62		12/27/2024	1844
7440-41-7	Beryllium	0.50		12/27/2024	1844
7440-43-9	Cadmium	0.57		12/27/2024	1844
7440-70-2	Calcium	110000	D	12/30/2024	2010
7440-47-3	Chromium	7.2		12/27/2024	1844
7440-48-4	Cobalt	13	*	12/27/2024	1844
7440-50-8	Copper	27		12/27/2024	1844
7439-89-6	Iron	13000		12/27/2024	1844
7439-92-1	Lead	45		12/27/2024	1844
7439-95-4	Magnesium	11000		12/27/2024	1844
7439-96-5	Manganese	1100		12/27/2024	1844
7440-02-0	Nickel	16		12/27/2024	1844
7440-09-7	Potassium	830		12/27/2024	1844
7782-49-2	Selenium	5.5	*	12/27/2024	1844
7440-22-4	Silver	0.89	U*	12/27/2024	1844
7440-23-5	Sodium	120	J	12/27/2024	1844
7440-28-0	Thallium	2.2	U*	12/27/2024	1844
7440-62-2	Vanadium	12		12/27/2024	1844
7440-66-6	Zinc	98	*	12/27/2024	1844

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK25

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-15

% Solids: 94.8 Date Received: 11/27/2024

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	2800		12/27/2024	1848
7440-36-0	Antimony	4.6	U*	12/27/2024	1848
7440-38-2	Arsenic	6.1	D	12/30/2024	2014
7440-39-3	Barium	49		12/27/2024	1848
7440-41-7	Beryllium	0.32	J	12/27/2024	1848
7440-43-9	Cadmium	0.31	J	12/27/2024	1848
7440-70-2	Calcium	75000	D	12/30/2024	2014
7440-47-3	Chromium	5.8		12/27/2024	1848
7440-48-4	Cobalt	9.8	*	12/27/2024	1848
7440-50-8	Copper	13		12/27/2024	1848
7439-89-6	Iron	7800		12/27/2024	1848
7439-92-1	Lead	9.0		12/27/2024	1848
7439-95-4	Magnesium	3000		12/27/2024	1848
7439-96-5	Manganese	710		12/27/2024	1848
7440-02-0	Nickel	9.4		12/27/2024	1848
7440-09-7	Potassium	750		12/27/2024	1848
7782-49-2	Selenium	1.8	J*	12/27/2024	1848
7440-22-4	Silver	0.77	U*	12/27/2024	1848
7440-23-5	Sodium	390	U	12/27/2024	1848
7440-28-0	Thallium	1.9	U*	12/27/2024	1848
7440-62-2	Vanadium	6.3		12/27/2024	1848
7440-66-6	Zinc	26	*	12/27/2024	1848

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK26

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-16

% Solids: 87.5 Date Received: 11/27/2024

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	1852
7440-36-0	Antimony	5.0	U*	12/27/2024	1852
7440-38-2	Arsenic	9.6		12/27/2024	1852
7440-39-3	Barium	63		12/27/2024	1852
7440-41-7	Beryllium	0.66		12/27/2024	1852
7440-43-9	Cadmium	0.24	J	12/27/2024	1852
7440-70-2	Calcium	29000		12/27/2024	1852
7440-47-3	Chromium	8.8		12/27/2024	1852
7440-48-4	Cobalt	10	*	12/27/2024	1852
7440-50-8	Copper	25		12/27/2024	1852
7439-89-6	Iron	13000		12/27/2024	1852
7439-92-1	Lead	53		12/27/2024	1852
7439-95-4	Magnesium	6400		12/27/2024	1852
7439-96-5	Manganese	760		12/27/2024	1852
7440-02-0	Nickel	13		12/27/2024	1852
7440-09-7	Potassium	1500		12/27/2024	1852
7782-49-2	Selenium	4.9	*	12/27/2024	1852
7440-22-4	Silver	0.83	U*	12/27/2024	1852
7440-23-5	Sodium	410	U	12/27/2024	1852
7440-28-0	Thallium	2.1	U*	12/27/2024	1852
7440-62-2	Vanadium	11		12/27/2024	1852
7440-66-6	Zinc	64	*	12/27/2024	1852

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK27

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-17

% Solids: 93.5 Date Received: 11/27/2024

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	580		12/27/2024	1856
7440-36-0	Antimony	5.1	U*	12/27/2024	1856
7440-38-2	Arsenic	1.3	JD	12/30/2024	2017
7440-39-3	Barium	3.8	J	12/27/2024	1856
7440-41-7	Beryllium	0.16	J	12/27/2024	1856
7440-43-9	Cadmium	0.088	J	12/27/2024	1856
7440-70-2	Calcium	220000	D	12/31/2024	1340
7440-47-3	Chromium	3.8		12/27/2024	1856
7440-48-4	Cobalt	6.4	*	12/27/2024	1856
7440-50-8	Copper	2.9		12/27/2024	1856
7439-89-6	Iron	3200		12/27/2024	1856
7439-92-1	Lead	4.6		12/27/2024	1856
7439-95-4	Magnesium	9300		12/27/2024	1856
7439-96-5	Manganese	110		12/27/2024	1856
7440-02-0	Nickel	5.3		12/27/2024	1856
7440-09-7	Potassium	400	J	12/27/2024	1856
7782-49-2	Selenium	3.0	U*	12/27/2024	1856
7440-22-4	Silver	0.84	U*	12/27/2024	1856
7440-23-5	Sodium	100	J	12/27/2024	1856
7440-28-0	Thallium	1.4	J*	12/27/2024	1856
7440-62-2	Vanadium	2.1	J	12/27/2024	1856
7440-66-6	Zinc	19	*	12/27/2024	1856

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK28

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-18

% Solids: 93 Date Received: 11/27/2024

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	16	U	12/27/2024	1900
7440-36-0	Antimony	4.7	U*	12/27/2024	1900
7440-38-2	Arsenic	0.78	U	12/27/2024	1900
7440-39-3	Barium	16	U	12/27/2024	1900
7440-41-7	Beryllium	0.39	U	12/27/2024	1900
7440-43-9	Cadmium	0.39	U	12/27/2024	1900
7440-70-2	Calcium	390	U	12/27/2024	1900
7440-47-3	Chromium	0.78	U	12/27/2024	1900
7440-48-4	Cobalt	3.9	U*	12/27/2024	1900
7440-50-8	Copper	2.0	U	12/27/2024	1900
7439-89-6	Iron	7.8	U	12/27/2024	1900
7439-92-1	Lead	0.78	U	12/27/2024	1900
7439-95-4	Magnesium	390	U	12/27/2024	1900
7439-96-5	Manganese	1.2	U	12/27/2024	1900
7440-02-0	Nickel	3.1	U	12/27/2024	1900
7440-09-7	Potassium	390	U	12/27/2024	1900
7782-49-2	Selenium	2.7	U*	12/27/2024	1900
7440-22-4	Silver	0.78	U*	12/27/2024	1900
7440-23-5	Sodium	390	U	12/27/2024	1900
7440-28-0	Thallium	2.0	U*	12/27/2024	1900
7440-62-2	Vanadium	3.9	U	12/27/2024	1900
7440-66-6	Zinc	4.7	U*	12/27/2024	1900

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK29

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-19

% Solids: 88.1 Date Received: 11/27/2024

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		01/02/2025	1639
7440-36-0	Antimony	0.76	J*	01/02/2025	1639
7440-38-2	Arsenic	12		01/02/2025	1639
7440-39-3	Barium	170		01/02/2025	1639
7440-41-7	Beryllium	0.62		01/02/2025	1639
7440-43-9	Cadmium	0.72		01/02/2025	1639
7440-70-2	Calcium	61000		01/02/2025	1639
7440-47-3	Chromium	8.5		01/02/2025	1639
7440-48-4	Cobalt	13	*	01/02/2025	1639
7440-50-8	Copper	27		01/02/2025	1639
7439-89-6	Iron	13000		01/02/2025	1639
7439-92-1	Lead	190		01/02/2025	1639
7439-95-4	Magnesium	21000		01/02/2025	1639
7439-96-5	Manganese	1400		01/02/2025	1639
7440-02-0	Nickel	15		01/02/2025	1639
7440-09-7	Potassium	930		01/02/2025	1639
7782-49-2	Selenium	4.4	*	01/02/2025	1639
7440-22-4	Silver	0.89	U*	01/02/2025	1639
7440-23-5	Sodium	570		01/02/2025	1639
7440-28-0	Thallium	2.2	U*	01/02/2025	1639
7440-62-2	Vanadium	6.9		01/02/2025	1639
7440-66-6	Zinc	93	*	01/02/2025	1639

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

Comments:

FORM 1 - IN
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MBHK30

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-20

% Solids: 83.2 Date Received: 11/27/2024

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		12/27/2024	1908
7440-36-0	Antimony	5.2	U*	12/27/2024	1908
7440-38-2	Arsenic	14		12/27/2024	1908
7440-39-3	Barium	220		12/27/2024	1908
7440-41-7	Beryllium	0.71		12/27/2024	1908
7440-43-9	Cadmium	0.62		12/27/2024	1908
7440-70-2	Calcium	36000		12/27/2024	1908
7440-47-3	Chromium	8.5		12/27/2024	1908
7440-48-4	Cobalt	14	*	12/27/2024	1908
7440-50-8	Copper	24		12/27/2024	1908
7439-89-6	Iron	16000		12/27/2024	1908
7439-92-1	Lead	150		12/27/2024	1908
7439-95-4	Magnesium	5500		12/27/2024	1908
7439-96-5	Manganese	2200		12/27/2024	1908
7440-02-0	Nickel	15		12/27/2024	1908
7440-09-7	Potassium	810		12/27/2024	1908
7782-49-2	Selenium	8.0	*	12/27/2024	1908
7440-22-4	Silver	0.86	U*	12/27/2024	1908
7440-23-5	Sodium	510		12/27/2024	1908
7440-28-0	Thallium	2.2	U*	12/27/2024	1908
7440-62-2	Vanadium	15		12/27/2024	1908
7440-66-6	Zinc	54	*	12/27/2024	1908

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

Comments:

FORM 1 - IN
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MBHK31

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-21

% Solids: 87.5 Date Received: 11/27/2024

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	1912
7440-36-0	Antimony	0.56	J*	12/27/2024	1912
7440-38-2	Arsenic	15		12/27/2024	1912
7440-39-3	Barium	100		12/27/2024	1912
7440-41-7	Beryllium	0.71		12/27/2024	1912
7440-43-9	Cadmium	0.82		12/27/2024	1912
7440-70-2	Calcium	9000		12/27/2024	1912
7440-47-3	Chromium	8.3		12/27/2024	1912
7440-48-4	Cobalt	14	*	12/27/2024	1912
7440-50-8	Copper	15		12/27/2024	1912
7439-89-6	Iron	15000		12/27/2024	1912
7439-92-1	Lead	67		12/27/2024	1912
7439-95-4	Magnesium	3000		12/27/2024	1912
7439-96-5	Manganese	1900		12/27/2024	1912
7440-02-0	Nickel	17		12/27/2024	1912
7440-09-7	Potassium	690		12/27/2024	1912
7782-49-2	Selenium	8.3	*	12/27/2024	1912
7440-22-4	Silver	0.87	U*	12/27/2024	1912
7440-23-5	Sodium	350	J	12/27/2024	1912
7440-28-0	Thallium	2.2	U*	12/27/2024	1912
7440-62-2	Vanadium	14		12/27/2024	1912
7440-66-6	Zinc	44	*	12/27/2024	1912

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK32

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ2

Matrix: SOIL Lab Sample ID: P5027-22

% Solids: 86.8 Date Received: 11/27/2024

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		12/27/2024	1916
7440-36-0	Antimony	1.6	J*	12/27/2024	1916
7440-38-2	Arsenic	18		12/27/2024	1916
7440-39-3	Barium	84		12/27/2024	1916
7440-41-7	Beryllium	0.71		12/27/2024	1916
7440-43-9	Cadmium	0.80		12/27/2024	1916
7440-70-2	Calcium	2000		12/27/2024	1916
7440-47-3	Chromium	8.6		12/27/2024	1916
7440-48-4	Cobalt	15	*	12/27/2024	1916
7440-50-8	Copper	17		12/27/2024	1916
7439-89-6	Iron	18000		12/27/2024	1916
7439-92-1	Lead	32		12/27/2024	1916
7439-95-4	Magnesium	1800		12/27/2024	1916
7439-96-5	Manganese	2000		12/27/2024	1916
7440-02-0	Nickel	19		12/27/2024	1916
7440-09-7	Potassium	790		12/27/2024	1916
7782-49-2	Selenium	11	*	12/27/2024	1916
7440-22-4	Silver	0.81	U*	12/27/2024	1916
7440-23-5	Sodium	270	J	12/27/2024	1916
7440-28-0	Thallium	2.0	U*	12/27/2024	1916
7440-62-2	Vanadium	16		12/27/2024	1916
7440-66-6	Zinc	45	*	12/27/2024	1916

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

Comments: