

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ70

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-01

% Solids: 86.4 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	3700		12/14/2024	1805
7440-36-0	Antimony	6.3	U*	12/14/2024	1805
7440-38-2	Arsenic	5.0		12/14/2024	1805
7440-39-3	Barium	47		12/14/2024	1805
7440-41-7	Beryllium	0.33	J	12/14/2024	1805
7440-43-9	Cadmium	0.78		12/14/2024	1805
7440-70-2	Calcium	110000	D	12/21/2024	0741
7440-47-3	Chromium	10		12/14/2024	1805
7440-48-4	Cobalt	8.8	*	12/14/2024	1805
7440-50-8	Copper	24		12/14/2024	1805
7439-89-6	Iron	12000		12/14/2024	1805
7439-92-1	Lead	130		12/14/2024	1805
7439-95-4	Magnesium	56000		12/14/2024	1805
7439-96-5	Manganese	920		12/14/2024	1805
7440-02-0	Nickel	19		12/14/2024	1805
7440-09-7	Potassium	790		12/14/2024	1805
7782-49-2	Selenium	3.7	U*	12/14/2024	1805
7440-22-4	Silver	1.1	U*	12/14/2024	1805
7440-23-5	Sodium	110	J	12/14/2024	1805
7440-28-0	Thallium	3.1		12/14/2024	1805
7440-62-2	Vanadium	9.4		12/14/2024	1805
7440-66-6	Zinc	160	*	12/14/2024	1805

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

Comments:

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MBHJ71

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-02

% Solids: 94.1 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	2300		12/14/2024	1809
7440-36-0	Antimony	5.2	U*	12/14/2024	1809
7440-38-2	Arsenic	4.2		12/14/2024	1809
7440-39-3	Barium	28		12/14/2024	1809
7440-41-7	Beryllium	0.21	J	12/14/2024	1809
7440-43-9	Cadmium	0.74		12/14/2024	1809
7440-70-2	Calcium	130000	D	12/21/2024	0745
7440-47-3	Chromium	6.3		12/14/2024	1809
7440-48-4	Cobalt	7.6	*	12/14/2024	1809
7440-50-8	Copper	14		12/14/2024	1809
7439-89-6	Iron	9400		12/14/2024	1809
7439-92-1	Lead	81		12/14/2024	1809
7439-95-4	Magnesium	74000	D	12/21/2024	0745
7439-96-5	Manganese	960		12/14/2024	1809
7440-02-0	Nickel	13		12/14/2024	1809
7440-09-7	Potassium	550		12/14/2024	1809
7782-49-2	Selenium	3.1	U*	12/14/2024	1809
7440-22-4	Silver	0.87	U*	12/14/2024	1809
7440-23-5	Sodium	110	J	12/14/2024	1809
7440-28-0	Thallium	3.2		12/14/2024	1809
7440-62-2	Vanadium	6.9		12/14/2024	1809
7440-66-6	Zinc	150	*	12/14/2024	1809

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

Comments:

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EPA SAMPLE NO.

MBHJ72

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70
 Matrix: SOIL Lab Sample ID: P4980-03
 % Solids: 94.3 Date Received: 11/23/2024
 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	2000		12/14/2024	1813
7440-36-0	Antimony	5.1	U*	12/14/2024	1813
7440-38-2	Arsenic	4.8		12/14/2024	1813
7440-39-3	Barium	23		12/14/2024	1813
7440-41-7	Beryllium	0.20	J	12/14/2024	1813
7440-43-9	Cadmium	1.2		12/14/2024	1813
7440-70-2	Calcium	160000	D	12/23/2024	1801
7440-47-3	Chromium	5.3		12/14/2024	1813
7440-48-4	Cobalt	7.5	*	12/14/2024	1813
7440-50-8	Copper	12		12/14/2024	1813
7439-89-6	Iron	9800		12/14/2024	1813
7439-92-1	Lead	69		12/14/2024	1813
7439-95-4	Magnesium	93000	D	12/21/2024	0756
7439-96-5	Manganese	1200		12/14/2024	1813
7440-02-0	Nickel	9.9		12/14/2024	1813
7440-09-7	Potassium	730		12/14/2024	1813
7782-49-2	Selenium	3.0	U*	12/14/2024	1813
7440-22-4	Silver	0.85	U*	12/14/2024	1813
7440-23-5	Sodium	170	J	12/14/2024	1813
7440-28-0	Thallium	3.3		12/14/2024	1813
7440-62-2	Vanadium	6.3		12/14/2024	1813
7440-66-6	Zinc	240	*	12/14/2024	1813

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

Comments:

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MBHJ73

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-04

% Solids: 84.1 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	14000		12/14/2024	1817
7440-36-0	Antimony	4.0	J*	12/14/2024	1817
7440-38-2	Arsenic	6.8		12/14/2024	1817
7440-39-3	Barium	140		12/14/2024	1817
7440-41-7	Beryllium	1.2		12/14/2024	1817
7440-43-9	Cadmium	1.4		12/14/2024	1817
7440-70-2	Calcium	31000		12/14/2024	1817
7440-47-3	Chromium	17		12/14/2024	1817
7440-48-4	Cobalt	15	*	12/14/2024	1817
7440-50-8	Copper	130		12/14/2024	1817
7439-89-6	Iron	28000		12/14/2024	1817
7439-92-1	Lead	360		12/14/2024	1817
7439-95-4	Magnesium	14000		12/14/2024	1817
7439-96-5	Manganese	750		12/14/2024	1817
7440-02-0	Nickel	30		12/14/2024	1817
7440-09-7	Potassium	1700		12/14/2024	1817
7782-49-2	Selenium	1.7	J*	12/14/2024	1817
7440-22-4	Silver	0.90	U*	12/14/2024	1817
7440-23-5	Sodium	90	J	12/14/2024	1817
7440-28-0	Thallium	0.82	J	12/14/2024	1817
7440-62-2	Vanadium	29		12/14/2024	1817
7440-66-6	Zinc	550	*	12/14/2024	1817

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

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MBHJ74

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-05

% Solids: 83.4 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	7500		12/14/2024	1821
7440-36-0	Antimony	1.9	J*	12/14/2024	1821
7440-38-2	Arsenic	6.9		12/14/2024	1821
7440-39-3	Barium	170		12/14/2024	1821
7440-41-7	Beryllium	0.55		12/14/2024	1821
7440-43-9	Cadmium	1.7		12/14/2024	1821
7440-70-2	Calcium	86000	D	12/21/2024	0800
7440-47-3	Chromium	18		12/14/2024	1821
7440-48-4	Cobalt	12	*	12/14/2024	1821
7440-50-8	Copper	160		12/14/2024	1821
7439-89-6	Iron	18000		12/14/2024	1821
7439-92-1	Lead	420		12/14/2024	1821
7439-95-4	Magnesium	37000		12/14/2024	1821
7439-96-5	Manganese	830		12/14/2024	1821
7440-02-0	Nickel	24		12/14/2024	1821
7440-09-7	Potassium	970		12/14/2024	1821
7782-49-2	Selenium	3.5	U*	12/14/2024	1821
7440-22-4	Silver	1.0	U*	12/14/2024	1821
7440-23-5	Sodium	98	J	12/14/2024	1821
7440-28-0	Thallium	2.5		12/14/2024	1821
7440-62-2	Vanadium	17		12/14/2024	1821
7440-66-6	Zinc	470	*	12/14/2024	1821

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

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MBHJ75

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-06

% Solids: 82 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	7400		12/14/2024	1825
7440-36-0	Antimony	5.2	J*	12/14/2024	1825
7440-38-2	Arsenic	19		12/14/2024	1825
7440-39-3	Barium	160		12/14/2024	1825
7440-41-7	Beryllium	0.82		12/14/2024	1825
7440-43-9	Cadmium	1.4		12/14/2024	1825
7440-70-2	Calcium	26000		12/14/2024	1825
7440-47-3	Chromium	13		12/14/2024	1825
7440-48-4	Cobalt	15	*	12/14/2024	1825
7440-50-8	Copper	140		12/14/2024	1825
7439-89-6	Iron	30000		12/14/2024	1825
7439-92-1	Lead	190		12/14/2024	1825
7439-95-4	Magnesium	9200		12/14/2024	1825
7439-96-5	Manganese	1600		12/14/2024	1825
7440-02-0	Nickel	28		12/14/2024	1825
7440-09-7	Potassium	1100		12/14/2024	1825
7782-49-2	Selenium	2.2	J*	12/14/2024	1825
7440-22-4	Silver	0.89	U*	12/14/2024	1825
7440-23-5	Sodium	450	U	12/14/2024	1825
7440-28-0	Thallium	1.8	J	12/14/2024	1825
7440-62-2	Vanadium	21		12/14/2024	1825
7440-66-6	Zinc	230	*	12/14/2024	1825

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

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MBHJ76

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-07

% Solids: 83.2 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	7500		12/14/2024	1828
7440-36-0	Antimony	3.5	J*	12/14/2024	1828
7440-38-2	Arsenic	22		12/14/2024	1828
7440-39-3	Barium	79		12/14/2024	1828
7440-41-7	Beryllium	0.69		12/14/2024	1828
7440-43-9	Cadmium	0.58		12/14/2024	1828
7440-70-2	Calcium	13000		12/14/2024	1828
7440-47-3	Chromium	9.0		12/14/2024	1828
7440-48-4	Cobalt	16	*	12/14/2024	1828
7440-50-8	Copper	67		12/14/2024	1828
7439-89-6	Iron	22000		12/14/2024	1828
7439-92-1	Lead	45		12/14/2024	1828
7439-95-4	Magnesium	3900		12/14/2024	1828
7439-96-5	Manganese	1800		12/14/2024	1828
7440-02-0	Nickel	17		12/14/2024	1828
7440-09-7	Potassium	860		12/14/2024	1828
7782-49-2	Selenium	2.6	J*	12/14/2024	1828
7440-22-4	Silver	0.88	U*	12/14/2024	1828
7440-23-5	Sodium	440	U	12/14/2024	1828
7440-28-0	Thallium	2.6		12/14/2024	1828
7440-62-2	Vanadium	18		12/14/2024	1828
7440-66-6	Zinc	41	*	12/14/2024	1828

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

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MBHJ84

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-08

% Solids: 73.8 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	8100		12/14/2024	1832
7440-36-0	Antimony	2.1	J*	12/14/2024	1832
7440-38-2	Arsenic	8.4		12/14/2024	1832
7440-39-3	Barium	150		12/14/2024	1832
7440-41-7	Beryllium	0.64		12/14/2024	1832
7440-43-9	Cadmium	1.1		12/14/2024	1832
7440-70-2	Calcium	50000		12/14/2024	1832
7440-47-3	Chromium	14		12/14/2024	1832
7440-48-4	Cobalt	11	*	12/14/2024	1832
7440-50-8	Copper	35		12/14/2024	1832
7439-89-6	Iron	18000		12/14/2024	1832
7439-92-1	Lead	160		12/14/2024	1832
7439-95-4	Magnesium	20000		12/14/2024	1832
7439-96-5	Manganese	800		12/14/2024	1832
7440-02-0	Nickel	24		12/14/2024	1832
7440-09-7	Potassium	1400		12/14/2024	1832
7782-49-2	Selenium	3.8	U*	12/14/2024	1832
7440-22-4	Silver	1.1	U*	12/14/2024	1832
7440-23-5	Sodium	120	J	12/14/2024	1832
7440-28-0	Thallium	2.5	J	12/14/2024	1832
7440-62-2	Vanadium	18		12/14/2024	1832
7440-66-6	Zinc	210	*	12/14/2024	1832

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

Comments:

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MBHJ85

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-09

% Solids: 80 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	6900		12/14/2024	1836
7440-36-0	Antimony	2.0	J*	12/14/2024	1836
7440-38-2	Arsenic	9.2		12/14/2024	1836
7440-39-3	Barium	160		12/14/2024	1836
7440-41-7	Beryllium	0.57		12/14/2024	1836
7440-43-9	Cadmium	0.84		12/14/2024	1836
7440-70-2	Calcium	61000		12/14/2024	1836
7440-47-3	Chromium	13		12/14/2024	1836
7440-48-4	Cobalt	11	*	12/14/2024	1836
7440-50-8	Copper	35		12/14/2024	1836
7439-89-6	Iron	17000		12/14/2024	1836
7439-92-1	Lead	160		12/14/2024	1836
7439-95-4	Magnesium	26000		12/14/2024	1836
7439-96-5	Manganese	800		12/14/2024	1836
7440-02-0	Nickel	23		12/14/2024	1836
7440-09-7	Potassium	1000		12/14/2024	1836
7782-49-2	Selenium	3.6	U*	12/14/2024	1836
7440-22-4	Silver	1.0	U*	12/14/2024	1836
7440-23-5	Sodium	510	U	12/14/2024	1836
7440-28-0	Thallium	2.2	J	12/14/2024	1836
7440-62-2	Vanadium	16		12/14/2024	1836
7440-66-6	Zinc	160	*	12/14/2024	1836

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

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MBHJ86

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-10

% Solids: 94.3 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	2600		12/14/2024	1840
7440-36-0	Antimony	4.9	U*	12/14/2024	1840
7440-38-2	Arsenic	26		12/14/2024	1840
7440-39-3	Barium	61		12/14/2024	1840
7440-41-7	Beryllium	0.24	J	12/14/2024	1840
7440-43-9	Cadmium	2.4		12/14/2024	1840
7440-70-2	Calcium	140000	D	12/23/2024	1805
7440-47-3	Chromium	5.6		12/14/2024	1840
7440-48-4	Cobalt	7.5	*	12/14/2024	1840
7440-50-8	Copper	15		12/14/2024	1840
7439-89-6	Iron	11000		12/14/2024	1840
7439-92-1	Lead	68		12/14/2024	1840
7439-95-4	Magnesium	73000	D	12/21/2024	0804
7439-96-5	Manganese	900		12/14/2024	1840
7440-02-0	Nickel	10		12/14/2024	1840
7440-09-7	Potassium	580		12/14/2024	1840
7782-49-2	Selenium	2.9	U*	12/14/2024	1840
7440-22-4	Silver	0.82	U*	12/14/2024	1840
7440-23-5	Sodium	410	U	12/14/2024	1840
7440-28-0	Thallium	2.6		12/14/2024	1840
7440-62-2	Vanadium	6.7		12/14/2024	1840
7440-66-6	Zinc	480	*	12/14/2024	1840

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

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MBHJ87

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-11

% Solids: 87.3 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	9700		12/14/2024	1844
7440-36-0	Antimony	2.4	J*	12/14/2024	1844
7440-38-2	Arsenic	6.0		12/14/2024	1844
7440-39-3	Barium	150		12/14/2024	1844
7440-41-7	Beryllium	0.72		12/14/2024	1844
7440-43-9	Cadmium	0.90		12/14/2024	1844
7440-70-2	Calcium	93000	D	12/21/2024	0808
7440-47-3	Chromium	13		12/14/2024	1844
7440-48-4	Cobalt	12	*	12/14/2024	1844
7440-50-8	Copper	21		12/14/2024	1844
7439-89-6	Iron	20000		12/14/2024	1844
7439-92-1	Lead	46		12/14/2024	1844
7439-95-4	Magnesium	30000		12/14/2024	1844
7439-96-5	Manganese	670		12/14/2024	1844
7440-02-0	Nickel	23		12/14/2024	1844
7440-09-7	Potassium	850		12/14/2024	1844
7782-49-2	Selenium	3.1	U*	12/14/2024	1844
7440-22-4	Silver	0.89	U*	12/14/2024	1844
7440-23-5	Sodium	440	U	12/14/2024	1844
7440-28-0	Thallium	2.0	J	12/14/2024	1844
7440-62-2	Vanadium	19		12/14/2024	1844
7440-66-6	Zinc	120	*	12/14/2024	1844

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

Comments:

FORM 1 - IN
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MBHJ88

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-12

% Solids: 83.6 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	12000		12/14/2024	1529
7440-36-0	Antimony	3.2	J*	12/14/2024	1529
7440-38-2	Arsenic	7.6		12/14/2024	1529
7440-39-3	Barium	170		12/14/2024	1529
7440-41-7	Beryllium	0.92		12/14/2024	1529
7440-43-9	Cadmium	1.1		12/14/2024	1529
7440-70-2	Calcium	64000		12/14/2024	1529
7440-47-3	Chromium	16		12/14/2024	1529
7440-48-4	Cobalt	14	*	12/14/2024	1529
7440-50-8	Copper	34		12/14/2024	1529
7439-89-6	Iron	24000		12/14/2024	1529
7439-92-1	Lead	81		12/14/2024	1529
7439-95-4	Magnesium	23000		12/14/2024	1529
7439-96-5	Manganese	660		12/14/2024	1529
7440-02-0	Nickel	30		12/14/2024	1529
7440-09-7	Potassium	710		12/14/2024	1529
7782-49-2	Selenium	3.0	U*	12/14/2024	1529
7440-22-4	Silver	0.87	U*	12/14/2024	1529
7440-23-5	Sodium	430	U	12/14/2024	1529
7440-28-0	Thallium	1.1	J	12/14/2024	1529
7440-62-2	Vanadium	22		12/14/2024	1529
7440-66-6	Zinc	140	*	12/14/2024	1529

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ89

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-15

% Solids: 83.9 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	11000		12/14/2024	1848
7440-36-0	Antimony	2.7	J*	12/14/2024	1848
7440-38-2	Arsenic	5.5		12/14/2024	1848
7440-39-3	Barium	150		12/14/2024	1848
7440-41-7	Beryllium	0.83		12/14/2024	1848
7440-43-9	Cadmium	0.87		12/14/2024	1848
7440-70-2	Calcium	92000	D	12/21/2024	0812
7440-47-3	Chromium	15		12/14/2024	1848
7440-48-4	Cobalt	13	*	12/14/2024	1848
7440-50-8	Copper	27		12/14/2024	1848
7439-89-6	Iron	21000		12/14/2024	1848
7439-92-1	Lead	45		12/14/2024	1848
7439-95-4	Magnesium	20000		12/14/2024	1848
7439-96-5	Manganese	520		12/14/2024	1848
7440-02-0	Nickel	28		12/14/2024	1848
7440-09-7	Potassium	610		12/14/2024	1848
7782-49-2	Selenium	3.0	U*	12/14/2024	1848
7440-22-4	Silver	0.85	U*	12/14/2024	1848
7440-23-5	Sodium	420	U	12/14/2024	1848
7440-28-0	Thallium	1.5	J	12/14/2024	1848
7440-62-2	Vanadium	20		12/14/2024	1848
7440-66-6	Zinc	110	*	12/14/2024	1848

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ90

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-16

% Solids: 90.8 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	3400		12/14/2024	1851
7440-36-0	Antimony	4.7	U*	12/14/2024	1851
7440-38-2	Arsenic	4.8		12/14/2024	1851
7440-39-3	Barium	41		12/14/2024	1851
7440-41-7	Beryllium	0.37	J	12/14/2024	1851
7440-43-9	Cadmium	2.3		12/14/2024	1851
7440-70-2	Calcium	130000	D	12/23/2024	1809
7440-47-3	Chromium	5.8		12/14/2024	1851
7440-48-4	Cobalt	8.7	*	12/14/2024	1851
7440-50-8	Copper	16		12/14/2024	1851
7439-89-6	Iron	11000		12/14/2024	1851
7439-92-1	Lead	57		12/14/2024	1851
7439-95-4	Magnesium	52000		12/14/2024	1851
7439-96-5	Manganese	540		12/14/2024	1851
7440-02-0	Nickel	12		12/14/2024	1851
7440-09-7	Potassium	710		12/14/2024	1851
7782-49-2	Selenium	2.8	U*	12/14/2024	1851
7440-22-4	Silver	0.79	U*	12/14/2024	1851
7440-23-5	Sodium	130	J	12/14/2024	1851
7440-28-0	Thallium	2.1		12/14/2024	1851
7440-62-2	Vanadium	8.0		12/14/2024	1851
7440-66-6	Zinc	260	*	12/14/2024	1851

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJB0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-17

% Solids: 93.8 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	1700		12/14/2024	1907
7440-36-0	Antimony	4.4	U*	12/14/2024	1907
7440-38-2	Arsenic	3.3		12/14/2024	1907
7440-39-3	Barium	15		12/14/2024	1907
7440-41-7	Beryllium	0.20	J	12/14/2024	1907
7440-43-9	Cadmium	0.51		12/14/2024	1907
7440-70-2	Calcium	170000	D	12/23/2024	1813
7440-47-3	Chromium	4.1		12/14/2024	1907
7440-48-4	Cobalt	7.0	*	12/14/2024	1907
7440-50-8	Copper	9.5		12/14/2024	1907
7439-89-6	Iron	8700		12/14/2024	1907
7439-92-1	Lead	35		12/14/2024	1907
7439-95-4	Magnesium	86000	D	12/21/2024	0819
7439-96-5	Manganese	880		12/14/2024	1907
7440-02-0	Nickel	8.8		12/14/2024	1907
7440-09-7	Potassium	820		12/14/2024	1907
7782-49-2	Selenium	2.6	U*	12/14/2024	1907
7440-22-4	Silver	0.73	U*	12/14/2024	1907
7440-23-5	Sodium	160	J	12/14/2024	1907
7440-28-0	Thallium	2.9		12/14/2024	1907
7440-62-2	Vanadium	4.6		12/14/2024	1907
7440-66-6	Zinc	75	*	12/14/2024	1907

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

Comments:

FORM 1 - IN
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MBHJB1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-18

% Solids: 92.2 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	3600		12/14/2024	1911
7440-36-0	Antimony	5.9	U*	12/14/2024	1911
7440-38-2	Arsenic	3.6		12/14/2024	1911
7440-39-3	Barium	46		12/14/2024	1911
7440-41-7	Beryllium	0.30	J	12/14/2024	1911
7440-43-9	Cadmium	0.58		12/14/2024	1911
7440-70-2	Calcium	130000	D	12/21/2024	0823
7440-47-3	Chromium	6.1		12/14/2024	1911
7440-48-4	Cobalt	8.9	*	12/14/2024	1911
7440-50-8	Copper	74		12/14/2024	1911
7439-89-6	Iron	11000		12/14/2024	1911
7439-92-1	Lead	79		12/14/2024	1911
7439-95-4	Magnesium	44000		12/14/2024	1911
7439-96-5	Manganese	760		12/14/2024	1911
7440-02-0	Nickel	12		12/14/2024	1911
7440-09-7	Potassium	740		12/14/2024	1911
7782-49-2	Selenium	3.5	U*	12/14/2024	1911
7440-22-4	Silver	0.99	U*	12/14/2024	1911
7440-23-5	Sodium	120	J	12/14/2024	1911
7440-28-0	Thallium	3.2		12/14/2024	1911
7440-62-2	Vanadium	8.6		12/14/2024	1911
7440-66-6	Zinc	130	*	12/14/2024	1911

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

Comments:

FORM 1 - IN
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MBHJB2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-19

% Solids: 85.5 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	9000		12/14/2024	1915
7440-36-0	Antimony	3.3	J*	12/14/2024	1915
7440-38-2	Arsenic	8.7		12/14/2024	1915
7440-39-3	Barium	160		12/14/2024	1915
7440-41-7	Beryllium	0.70		12/14/2024	1915
7440-43-9	Cadmium	3.1		12/14/2024	1915
7440-70-2	Calcium	54000		12/14/2024	1915
7440-47-3	Chromium	15		12/14/2024	1915
7440-48-4	Cobalt	12	*	12/14/2024	1915
7440-50-8	Copper	790		12/14/2024	1915
7439-89-6	Iron	22000		12/14/2024	1915
7439-92-1	Lead	330		12/14/2024	1915
7439-95-4	Magnesium	15000		12/14/2024	1915
7439-96-5	Manganese	560		12/14/2024	1915
7440-02-0	Nickel	21		12/14/2024	1915
7440-09-7	Potassium	1100		12/14/2024	1915
7782-49-2	Selenium	2.9	U*	12/14/2024	1915
7440-22-4	Silver	0.82	U*	12/14/2024	1915
7440-23-5	Sodium	240	J	12/14/2024	1915
7440-28-0	Thallium	1.3	J	12/14/2024	1915
7440-62-2	Vanadium	20		12/14/2024	1915
7440-66-6	Zinc	1100	*	12/14/2024	1915

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

Comments:

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MBHJB3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-20

% Solids: 86.1 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	10000		12/14/2024	1919
7440-36-0	Antimony	1.6	J*	12/14/2024	1919
7440-38-2	Arsenic	4.9		12/14/2024	1919
7440-39-3	Barium	86		12/14/2024	1919
7440-41-7	Beryllium	0.77		12/14/2024	1919
7440-43-9	Cadmium	1.2		12/14/2024	1919
7440-70-2	Calcium	97000	D	12/21/2024	0827
7440-47-3	Chromium	16		12/14/2024	1919
7440-48-4	Cobalt	15	*	12/14/2024	1919
7440-50-8	Copper	350		12/14/2024	1919
7439-89-6	Iron	19000		12/14/2024	1919
7439-92-1	Lead	130		12/14/2024	1919
7439-95-4	Magnesium	30000		12/14/2024	1919
7439-96-5	Manganese	540		12/14/2024	1919
7440-02-0	Nickel	17		12/14/2024	1919
7440-09-7	Potassium	1300		12/14/2024	1919
7782-49-2	Selenium	3.4	U*	12/14/2024	1919
7440-22-4	Silver	0.98	U*	12/14/2024	1919
7440-23-5	Sodium	230	J	12/14/2024	1919
7440-28-0	Thallium	1.8	J	12/14/2024	1919
7440-62-2	Vanadium	22		12/14/2024	1919
7440-66-6	Zinc	430	*	12/14/2024	1919

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

Comments:

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MBHJB4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-21

% Solids: 83 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	6700		12/14/2024	1923
7440-36-0	Antimony	1.5	J*	12/14/2024	1923
7440-38-2	Arsenic	18		12/14/2024	1923
7440-39-3	Barium	110		12/14/2024	1923
7440-41-7	Beryllium	0.61		12/14/2024	1923
7440-43-9	Cadmium	1.0		12/14/2024	1923
7440-70-2	Calcium	68000		12/14/2024	1923
7440-47-3	Chromium	9.1		12/14/2024	1923
7440-48-4	Cobalt	14	*	12/14/2024	1923
7440-50-8	Copper	100		12/14/2024	1923
7439-89-6	Iron	18000		12/14/2024	1923
7439-92-1	Lead	95		12/14/2024	1923
7439-95-4	Magnesium	15000		12/14/2024	1923
7439-96-5	Manganese	2100		12/14/2024	1923
7440-02-0	Nickel	19		12/14/2024	1923
7440-09-7	Potassium	1100		12/14/2024	1923
7782-49-2	Selenium	3.7	U*	12/14/2024	1923
7440-22-4	Silver	1.1	U*	12/14/2024	1923
7440-23-5	Sodium	240	J	12/14/2024	1923
7440-28-0	Thallium	4.5		12/14/2024	1923
7440-62-2	Vanadium	16		12/14/2024	1923
7440-66-6	Zinc	180	*	12/14/2024	1923

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

Comments:

FORM 1 - IN
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MBHJB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ70

Matrix: SOIL Lab Sample ID: P4980-22

% Solids: 79.8 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	6300		12/14/2024	1927
7440-36-0	Antimony	2.6	J*	12/14/2024	1927
7440-38-2	Arsenic	24		12/14/2024	1927
7440-39-3	Barium	120		12/14/2024	1927
7440-41-7	Beryllium	0.60		12/14/2024	1927
7440-43-9	Cadmium	0.78		12/14/2024	1927
7440-70-2	Calcium	52000		12/14/2024	1927
7440-47-3	Chromium	8.2		12/14/2024	1927
7440-48-4	Cobalt	17	*	12/14/2024	1927
7440-50-8	Copper	72		12/14/2024	1927
7439-89-6	Iron	20000		12/14/2024	1927
7439-92-1	Lead	64		12/14/2024	1927
7439-95-4	Magnesium	5600		12/14/2024	1927
7439-96-5	Manganese	2900		12/14/2024	1927
7440-02-0	Nickel	20		12/14/2024	1927
7440-09-7	Potassium	1000		12/14/2024	1927
7782-49-2	Selenium	0.86	J*	12/14/2024	1927
7440-22-4	Silver	0.97	U*	12/14/2024	1927
7440-23-5	Sodium	140	J	12/14/2024	1927
7440-28-0	Thallium	5.4		12/14/2024	1927
7440-62-2	Vanadium	16		12/14/2024	1927
7440-66-6	Zinc	54	*	12/14/2024	1927

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

Comments: