

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-06

% Solids: 84.3 Date Received: 11/26/2024

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		12/15/2024	0722
7440-36-0	Antimony	2.2	J*	12/15/2024	0722
7440-38-2	Arsenic	13	*	12/15/2024	0722
7440-39-3	Barium	89		12/15/2024	0722
7440-41-7	Beryllium	0.59		12/15/2024	0722
7440-43-9	Cadmium	0.93		12/15/2024	0722
7440-70-2	Calcium	40000		12/15/2024	0722
7440-47-3	Chromium	12		12/15/2024	0722
7440-48-4	Cobalt	12	*	12/15/2024	0722
7440-50-8	Copper	26		12/15/2024	0722
7439-89-6	Iron	16000		12/15/2024	0722
7439-92-1	Lead	120		12/15/2024	0722
7439-95-4	Magnesium	16000		12/15/2024	0722
7439-96-5	Manganese	1200	*	12/15/2024	0722
7440-02-0	Nickel	23		12/15/2024	0722
7440-09-7	Potassium	1100		12/15/2024	0722
7782-49-2	Selenium	3.7	U*	12/15/2024	0722
7440-22-4	Silver	1.1	U*	12/15/2024	0722
7440-23-5	Sodium	530	U	12/15/2024	0722
7440-28-0	Thallium	3.4		12/15/2024	0722
7440-62-2	Vanadium	16		12/15/2024	0722
7440-66-6	Zinc	120		12/15/2024	0722

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-07

% Solids: 87.9 Date Received: 11/26/2024

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		12/15/2024	0726
7440-36-0	Antimony	1.3	J*	12/15/2024	0726
7440-38-2	Arsenic	11	*	12/15/2024	0726
7440-39-3	Barium	79		12/15/2024	0726
7440-41-7	Beryllium	0.51		12/15/2024	0726
7440-43-9	Cadmium	0.92		12/15/2024	0726
7440-70-2	Calcium	53000		12/15/2024	0726
7440-47-3	Chromium	10		12/15/2024	0726
7440-48-4	Cobalt	11	*	12/15/2024	0726
7440-50-8	Copper	22		12/15/2024	0726
7439-89-6	Iron	14000		12/15/2024	0726
7439-92-1	Lead	110		12/15/2024	0726
7439-95-4	Magnesium	23000		12/15/2024	0726
7439-96-5	Manganese	1000	*	12/15/2024	0726
7440-02-0	Nickel	21		12/15/2024	0726
7440-09-7	Potassium	880		12/15/2024	0726
7782-49-2	Selenium	3.3	U*	12/15/2024	0726
7440-22-4	Silver	0.95	U*	12/15/2024	0726
7440-23-5	Sodium	470	U	12/15/2024	0726
7440-28-0	Thallium	3.2		12/15/2024	0726
7440-62-2	Vanadium	14		12/15/2024	0726
7440-66-6	Zinc	120		12/15/2024	0726

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-08

% Solids: 93.6 Date Received: 11/26/2024

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		12/15/2024	0730
7440-36-0	Antimony	0.69	J*	12/15/2024	0730
7440-38-2	Arsenic	13	*	12/15/2024	0730
7440-39-3	Barium	52		12/15/2024	0730
7440-41-7	Beryllium	0.38	J	12/15/2024	0730
7440-43-9	Cadmium	1.2		12/15/2024	0730
7440-70-2	Calcium	120000	D	12/21/2024	1004
7440-47-3	Chromium	9.0		12/15/2024	0730
7440-48-4	Cobalt	9.8	*	12/15/2024	0730
7440-50-8	Copper	15		12/15/2024	0730
7439-89-6	Iron	12000		12/15/2024	0730
7439-92-1	Lead	92		12/15/2024	0730
7439-95-4	Magnesium	54000		12/15/2024	0730
7439-96-5	Manganese	900	*	12/15/2024	0730
7440-02-0	Nickel	18		12/15/2024	0730
7440-09-7	Potassium	730		12/15/2024	0730
7782-49-2	Selenium	3.3	U*	12/15/2024	0730
7440-22-4	Silver	0.93	U*	12/15/2024	0730
7440-23-5	Sodium	470	U	12/15/2024	0730
7440-28-0	Thallium	3.3		12/15/2024	0730
7440-62-2	Vanadium	10		12/15/2024	0730
7440-66-6	Zinc	180		12/15/2024	0730

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-09

% Solids: 95.2 Date Received: 11/26/2024

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		12/15/2024	0734
7440-36-0	Antimony	0.97	J*	12/15/2024	0734
7440-38-2	Arsenic	29	*	12/15/2024	0734
7440-39-3	Barium	47		12/15/2024	0734
7440-41-7	Beryllium	0.41	J	12/15/2024	0734
7440-43-9	Cadmium	0.69		12/15/2024	0734
7440-70-2	Calcium	150000	D	12/21/2024	1008
7440-47-3	Chromium	7.2		12/15/2024	0734
7440-48-4	Cobalt	9.9	*	12/15/2024	0734
7440-50-8	Copper	9.3		12/15/2024	0734
7439-89-6	Iron	14000		12/15/2024	0734
7439-92-1	Lead	73		12/15/2024	0734
7439-95-4	Magnesium	67000		12/15/2024	0734
7439-96-5	Manganese	870	*	12/15/2024	0734
7440-02-0	Nickel	15		12/15/2024	0734
7440-09-7	Potassium	720		12/15/2024	0734
7782-49-2	Selenium	3.3	U*	12/15/2024	0734
7440-22-4	Silver	0.95	U*	12/15/2024	0734
7440-23-5	Sodium	470	U	12/15/2024	0734
7440-28-0	Thallium	3.1		12/15/2024	0734
7440-62-2	Vanadium	9.4		12/15/2024	0734
7440-66-6	Zinc	93		12/15/2024	0734

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-10

% Solids: 86.8 Date Received: 11/26/2024

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		12/15/2024	0738
7440-36-0	Antimony	3.1	J*	12/15/2024	0738
7440-38-2	Arsenic	24	*	12/15/2024	0738
7440-39-3	Barium	150		12/15/2024	0738
7440-41-7	Beryllium	0.96		12/15/2024	0738
7440-43-9	Cadmium	0.83		12/15/2024	0738
7440-70-2	Calcium	79000		12/15/2024	0738
7440-47-3	Chromium	17		12/15/2024	0738
7440-48-4	Cobalt	16	*	12/15/2024	0738
7440-50-8	Copper	25		12/15/2024	0738
7439-89-6	Iron	23000		12/15/2024	0738
7439-92-1	Lead	44		12/15/2024	0738
7439-95-4	Magnesium	20000		12/15/2024	0738
7439-96-5	Manganese	490	*	12/15/2024	0738
7440-02-0	Nickel	30		12/15/2024	0738
7440-09-7	Potassium	1000		12/15/2024	0738
7782-49-2	Selenium	3.6	U*	12/15/2024	0738
7440-22-4	Silver	1.0	U*	12/15/2024	0738
7440-23-5	Sodium	99	J	12/15/2024	0738
7440-28-0	Thallium	1.7	J	12/15/2024	0738
7440-62-2	Vanadium	22		12/15/2024	0738
7440-66-6	Zinc	110		12/15/2024	0738

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-11

% Solids: 87.5 Date Received: 11/26/2024

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	8600		12/15/2024	0741
7440-36-0	Antimony	2.0	J*	12/15/2024	0741
7440-38-2	Arsenic	5.6	*	12/15/2024	0741
7440-39-3	Barium	120		12/15/2024	0741
7440-41-7	Beryllium	0.73		12/15/2024	0741
7440-43-9	Cadmium	0.59		12/15/2024	0741
7440-70-2	Calcium	60000		12/15/2024	0741
7440-47-3	Chromium	12		12/15/2024	0741
7440-48-4	Cobalt	11	*	12/15/2024	0741
7440-50-8	Copper	18		12/15/2024	0741
7439-89-6	Iron	17000		12/15/2024	0741
7439-92-1	Lead	26		12/15/2024	0741
7439-95-4	Magnesium	13000		12/15/2024	0741
7439-96-5	Manganese	380	*	12/15/2024	0741
7440-02-0	Nickel	20		12/15/2024	0741
7440-09-7	Potassium	550		12/15/2024	0741
7782-49-2	Selenium	3.3	U*	12/15/2024	0741
7440-22-4	Silver	0.94	U*	12/15/2024	0741
7440-23-5	Sodium	94	J	12/15/2024	0741
7440-28-0	Thallium	1.8	J	12/15/2024	0741
7440-62-2	Vanadium	16		12/15/2024	0741
7440-66-6	Zinc	71		12/15/2024	0741

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-14

% Solids: 93.2 Date Received: 11/26/2024

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		12/15/2024	0757
7440-36-0	Antimony	1.8	J*	12/15/2024	0757
7440-38-2	Arsenic	7.5	*	12/15/2024	0757
7440-39-3	Barium	67		12/15/2024	0757
7440-41-7	Beryllium	0.58		12/15/2024	0757
7440-43-9	Cadmium	0.57		12/15/2024	0757
7440-70-2	Calcium	66000		12/15/2024	0757
7440-47-3	Chromium	9.5		12/15/2024	0757
7440-48-4	Cobalt	12	*	12/15/2024	0757
7440-50-8	Copper	14		12/15/2024	0757
7439-89-6	Iron	15000		12/15/2024	0757
7439-92-1	Lead	53		12/15/2024	0757
7439-95-4	Magnesium	21000		12/15/2024	0757
7439-96-5	Manganese	690	*	12/15/2024	0757
7440-02-0	Nickel	17		12/15/2024	0757
7440-09-7	Potassium	680		12/15/2024	0757
7782-49-2	Selenium	3.3	U*	12/15/2024	0757
7440-22-4	Silver	0.93	U*	12/15/2024	0757
7440-23-5	Sodium	150	J	12/15/2024	0757
7440-28-0	Thallium	2.5		12/15/2024	0757
7440-62-2	Vanadium	13		12/15/2024	0757
7440-66-6	Zinc	80		12/15/2024	0757

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-15

% Solids: 80.7 Date Received: 11/26/2024

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	6400		12/15/2024	0801
7440-36-0	Antimony	2.1	J*	12/15/2024	0801
7440-38-2	Arsenic	5.1	*	12/15/2024	0801
7440-39-3	Barium	100		12/15/2024	0801
7440-41-7	Beryllium	0.53		12/15/2024	0801
7440-43-9	Cadmium	0.66		12/15/2024	0801
7440-70-2	Calcium	8500		12/15/2024	0801
7440-47-3	Chromium	12		12/15/2024	0801
7440-48-4	Cobalt	9.4	*	12/15/2024	0801
7440-50-8	Copper	22		12/15/2024	0801
7439-89-6	Iron	13000		12/15/2024	0801
7439-92-1	Lead	110		12/15/2024	0801
7439-95-4	Magnesium	3200		12/15/2024	0801
7439-96-5	Manganese	570	*	12/15/2024	0801
7440-02-0	Nickel	19		12/15/2024	0801
7440-09-7	Potassium	880		12/15/2024	0801
7782-49-2	Selenium	3.6	U*	12/15/2024	0801
7440-22-4	Silver	1.0	U*	12/15/2024	0801
7440-23-5	Sodium	120	J	12/15/2024	0801
7440-28-0	Thallium	0.71	J	12/15/2024	0801
7440-62-2	Vanadium	14		12/15/2024	0801
7440-66-6	Zinc	140		12/15/2024	0801

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-16

% Solids: 87.3 Date Received: 11/26/2024

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	6400		12/15/2024	0804
7440-36-0	Antimony	2.1	J*	12/15/2024	0804
7440-38-2	Arsenic	5.5	*	12/15/2024	0804
7440-39-3	Barium	100		12/15/2024	0804
7440-41-7	Beryllium	0.55		12/15/2024	0804
7440-43-9	Cadmium	0.72		12/15/2024	0804
7440-70-2	Calcium	6800		12/15/2024	0804
7440-47-3	Chromium	15		12/15/2024	0804
7440-48-4	Cobalt	9.4	*	12/15/2024	0804
7440-50-8	Copper	21		12/15/2024	0804
7439-89-6	Iron	13000		12/15/2024	0804
7439-92-1	Lead	130		12/15/2024	0804
7439-95-4	Magnesium	3200		12/15/2024	0804
7439-96-5	Manganese	570	*	12/15/2024	0804
7440-02-0	Nickel	21		12/15/2024	0804
7440-09-7	Potassium	750		12/15/2024	0804
7782-49-2	Selenium	3.2	U*	12/15/2024	0804
7440-22-4	Silver	0.92	U*	12/15/2024	0804
7440-23-5	Sodium	460	U	12/15/2024	0804
7440-28-0	Thallium	0.96	J	12/15/2024	0804
7440-62-2	Vanadium	14		12/15/2024	0804
7440-66-6	Zinc	140		12/15/2024	0804

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-17

% Solids: 87.4 Date Received: 11/26/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7600		12/15/2024	1843
7440-36-0	Antimony	2.7	J*	12/15/2024	1843
7440-38-2	Arsenic	8.7	*	12/15/2024	1843
7440-39-3	Barium	130		12/15/2024	1843
7440-41-7	Beryllium	0.67		12/15/2024	1843
7440-43-9	Cadmium	0.91		12/15/2024	1843
7440-70-2	Calcium	6300		12/15/2024	1843
7440-47-3	Chromium	15		12/15/2024	1843
7440-48-4	Cobalt	10	*	12/15/2024	1843
7440-50-8	Copper	27		12/15/2024	1843
7439-89-6	Iron	16000		12/15/2024	1843
7439-92-1	Lead	1000		12/15/2024	1843
7439-95-4	Magnesium	3300		12/15/2024	1843
7439-96-5	Manganese	650	*	12/15/2024	1843
7440-02-0	Nickel	24		12/15/2024	1843
7440-09-7	Potassium	1100		12/15/2024	1843
7782-49-2	Selenium	3.5	U*	12/15/2024	1843
7440-22-4	Silver	1.0	U*	12/15/2024	1843
7440-23-5	Sodium	110	J	12/15/2024	1843
7440-28-0	Thallium	1.4	J	12/15/2024	1843
7440-62-2	Vanadium	16		12/15/2024	1843
7440-66-6	Zinc	240		12/15/2024	1843

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-01

% Solids: 79.8 Date Received: 11/26/2024

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		12/15/2024	0703
7440-36-0	Antimony	1.6	J*	12/15/2024	0703
7440-38-2	Arsenic	7.3	*	12/15/2024	0703
7440-39-3	Barium	140		12/15/2024	0703
7440-41-7	Beryllium	0.67		12/15/2024	0703
7440-43-9	Cadmium	0.72		12/15/2024	0703
7440-70-2	Calcium	13000		12/15/2024	0703
7440-47-3	Chromium	13		12/15/2024	0703
7440-48-4	Cobalt	9.7	*	12/15/2024	0703
7440-50-8	Copper	35		12/15/2024	0703
7439-89-6	Iron	12000		12/15/2024	0703
7439-92-1	Lead	120		12/15/2024	0703
7439-95-4	Magnesium	3500		12/15/2024	0703
7439-96-5	Manganese	390	*	12/15/2024	0703
7440-02-0	Nickel	17		12/15/2024	0703
7440-09-7	Potassium	990		12/15/2024	0703
7782-49-2	Selenium	3.8	U*	12/15/2024	0703
7440-22-4	Silver	1.1	U*	12/15/2024	0703
7440-23-5	Sodium	540	U	12/15/2024	0703
7440-28-0	Thallium	1.2	J	12/15/2024	0703
7440-62-2	Vanadium	14		12/15/2024	0703
7440-66-6	Zinc	140		12/15/2024	0703

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-02

% Solids: 81.1 Date Received: 11/26/2024

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	9100		12/15/2024	0707
7440-36-0	Antimony	1.7	J*	12/15/2024	0707
7440-38-2	Arsenic	5.5	*	12/15/2024	0707
7440-39-3	Barium	100		12/15/2024	0707
7440-41-7	Beryllium	0.75		12/15/2024	0707
7440-43-9	Cadmium	0.57		12/15/2024	0707
7440-70-2	Calcium	5800		12/15/2024	0707
7440-47-3	Chromium	14		12/15/2024	0707
7440-48-4	Cobalt	9.1	*	12/15/2024	0707
7440-50-8	Copper	34		12/15/2024	0707
7439-89-6	Iron	12000		12/15/2024	0707
7439-92-1	Lead	44		12/15/2024	0707
7439-95-4	Magnesium	2800		12/15/2024	0707
7439-96-5	Manganese	210	*	12/15/2024	0707
7440-02-0	Nickel	20		12/15/2024	0707
7440-09-7	Potassium	770		12/15/2024	0707
7782-49-2	Selenium	4.0	U*	12/15/2024	0707
7440-22-4	Silver	1.1	U*	12/15/2024	0707
7440-23-5	Sodium	570	U	12/15/2024	0707
7440-28-0	Thallium	2.8	U	12/15/2024	0707
7440-62-2	Vanadium	13		12/15/2024	0707
7440-66-6	Zinc	140		12/15/2024	0707

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJR7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-03

% Solids: 80.7 Date Received: 11/26/2024

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		12/15/2024	0711
7440-36-0	Antimony	3.4	J*	12/15/2024	0711
7440-38-2	Arsenic	7.8	*	12/15/2024	0711
7440-39-3	Barium	110		12/15/2024	0711
7440-41-7	Beryllium	0.93		12/15/2024	0711
7440-43-9	Cadmium	0.62		12/15/2024	0711
7440-70-2	Calcium	4500		12/15/2024	0711
7440-47-3	Chromium	16		12/15/2024	0711
7440-48-4	Cobalt	11	*	12/15/2024	0711
7440-50-8	Copper	37		12/15/2024	0711
7439-89-6	Iron	19000		12/15/2024	0711
7439-92-1	Lead	33		12/15/2024	0711
7439-95-4	Magnesium	3400		12/15/2024	0711
7439-96-5	Manganese	240	*	12/15/2024	0711
7440-02-0	Nickel	23		12/15/2024	0711
7440-09-7	Potassium	740		12/15/2024	0711
7782-49-2	Selenium	0.98	J*	12/15/2024	0711
7440-22-4	Silver	1.1	U*	12/15/2024	0711
7440-23-5	Sodium	560	U	12/15/2024	0711
7440-28-0	Thallium	2.8	U	12/15/2024	0711
7440-62-2	Vanadium	19		12/15/2024	0711
7440-66-6	Zinc	240		12/15/2024	0711

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-04

% Solids: 76.9 Date Received: 11/26/2024

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	6800		12/15/2024	0715
7440-36-0	Antimony	2.5	J*	12/15/2024	0715
7440-38-2	Arsenic	9.7	*	12/15/2024	0715
7440-39-3	Barium	110		12/15/2024	0715
7440-41-7	Beryllium	0.59		12/15/2024	0715
7440-43-9	Cadmium	0.80		12/15/2024	0715
7440-70-2	Calcium	4600		12/15/2024	0715
7440-47-3	Chromium	13		12/15/2024	0715
7440-48-4	Cobalt	10	*	12/15/2024	0715
7440-50-8	Copper	32		12/15/2024	0715
7439-89-6	Iron	15000		12/15/2024	0715
7439-92-1	Lead	160		12/15/2024	0715
7439-95-4	Magnesium	2300		12/15/2024	0715
7439-96-5	Manganese	820	*	12/15/2024	0715
7440-02-0	Nickel	20		12/15/2024	0715
7440-09-7	Potassium	970		12/15/2024	0715
7782-49-2	Selenium	1.0	J*	12/15/2024	0715
7440-22-4	Silver	1.0	U*	12/15/2024	0715
7440-23-5	Sodium	510	U	12/15/2024	0715
7440-28-0	Thallium	1.0	J	12/15/2024	0715
7440-62-2	Vanadium	15		12/15/2024	0715
7440-66-6	Zinc	140		12/15/2024	0715

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-05

% Solids: 75.1 Date Received: 11/26/2024

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	7900		12/15/2024	0718
7440-36-0	Antimony	2.8	J*	12/15/2024	0718
7440-38-2	Arsenic	7.6	*	12/15/2024	0718
7440-39-3	Barium	120		12/15/2024	0718
7440-41-7	Beryllium	0.70		12/15/2024	0718
7440-43-9	Cadmium	1.6		12/15/2024	0718
7440-70-2	Calcium	5200		12/15/2024	0718
7440-47-3	Chromium	15		12/15/2024	0718
7440-48-4	Cobalt	11	*	12/15/2024	0718
7440-50-8	Copper	29		12/15/2024	0718
7439-89-6	Iron	16000		12/15/2024	0718
7439-92-1	Lead	160		12/15/2024	0718
7439-95-4	Magnesium	2800		12/15/2024	0718
7439-96-5	Manganese	670	*	12/15/2024	0718
7440-02-0	Nickel	23		12/15/2024	0718
7440-09-7	Potassium	720		12/15/2024	0718
7782-49-2	Selenium	0.99	J*	12/15/2024	0718
7440-22-4	Silver	1.2	U*	12/15/2024	0718
7440-23-5	Sodium	590	U	12/15/2024	0718
7440-28-0	Thallium	3.0	U	12/15/2024	0718
7440-62-2	Vanadium	17		12/15/2024	0718
7440-66-6	Zinc	180		12/15/2024	0718

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJT9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-18

% Solids: 71.3 Date Received: 11/26/2024

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		12/15/2024	1847
7440-36-0	Antimony	3.7	J*	12/15/2024	1847
7440-38-2	Arsenic	10	*	12/15/2024	1847
7440-39-3	Barium	170		12/15/2024	1847
7440-41-7	Beryllium	0.75		12/15/2024	1847
7440-43-9	Cadmium	1.0		12/15/2024	1847
7440-70-2	Calcium	8200		12/15/2024	1847
7440-47-3	Chromium	21		12/15/2024	1847
7440-48-4	Cobalt	11	*	12/15/2024	1847
7440-50-8	Copper	39		12/15/2024	1847
7439-89-6	Iron	20000		12/15/2024	1847
7439-92-1	Lead	300		12/15/2024	1847
7439-95-4	Magnesium	3600		12/15/2024	1847
7439-96-5	Manganese	490	*	12/15/2024	1847
7440-02-0	Nickel	25		12/15/2024	1847
7440-09-7	Potassium	760		12/15/2024	1847
7782-49-2	Selenium	3.7	U*	12/15/2024	1847
7440-22-4	Silver	1.1	U*	12/15/2024	1847
7440-23-5	Sodium	530	U	12/15/2024	1847
7440-28-0	Thallium	0.85	J	12/15/2024	1847
7440-62-2	Vanadium	20		12/15/2024	1847
7440-66-6	Zinc	220		12/15/2024	1847

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-19

% Solids: 75.7 Date Received: 11/26/2024

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		12/15/2024	1851
7440-36-0	Antimony	3.6	J*	12/15/2024	1851
7440-38-2	Arsenic	11	*	12/15/2024	1851
7440-39-3	Barium	160		12/15/2024	1851
7440-41-7	Beryllium	0.72		12/15/2024	1851
7440-43-9	Cadmium	0.88		12/15/2024	1851
7440-70-2	Calcium	7600		12/15/2024	1851
7440-47-3	Chromium	19		12/15/2024	1851
7440-48-4	Cobalt	10	*	12/15/2024	1851
7440-50-8	Copper	33		12/15/2024	1851
7439-89-6	Iron	20000		12/15/2024	1851
7439-92-1	Lead	260		12/15/2024	1851
7439-95-4	Magnesium	3600		12/15/2024	1851
7439-96-5	Manganese	500	*	12/15/2024	1851
7440-02-0	Nickel	23		12/15/2024	1851
7440-09-7	Potassium	610		12/15/2024	1851
7782-49-2	Selenium	4.2	U*	12/15/2024	1851
7440-22-4	Silver	1.2	U*	12/15/2024	1851
7440-23-5	Sodium	600	U	12/15/2024	1851
7440-28-0	Thallium	3.0	U	12/15/2024	1851
7440-62-2	Vanadium	18		12/15/2024	1851
7440-66-6	Zinc	200		12/15/2024	1851

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-20

% Solids: 80.9 Date Received: 11/26/2024

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		12/15/2024	1855
7440-36-0	Antimony	2.9	J*	12/15/2024	1855
7440-38-2	Arsenic	11	*	12/15/2024	1855
7440-39-3	Barium	170		12/15/2024	1855
7440-41-7	Beryllium	0.72		12/15/2024	1855
7440-43-9	Cadmium	0.91		12/15/2024	1855
7440-70-2	Calcium	14000		12/15/2024	1855
7440-47-3	Chromium	16		12/15/2024	1855
7440-48-4	Cobalt	11	*	12/15/2024	1855
7440-50-8	Copper	37		12/15/2024	1855
7439-89-6	Iron	19000		12/15/2024	1855
7439-92-1	Lead	290		12/15/2024	1855
7439-95-4	Magnesium	5200		12/15/2024	1855
7439-96-5	Manganese	550	*	12/15/2024	1855
7440-02-0	Nickel	23		12/15/2024	1855
7440-09-7	Potassium	540		12/15/2024	1855
7782-49-2	Selenium	3.6	U*	12/15/2024	1855
7440-22-4	Silver	1.0	U*	12/15/2024	1855
7440-23-5	Sodium	520	U	12/15/2024	1855
7440-28-0	Thallium	1.7	J	12/15/2024	1855
7440-62-2	Vanadium	20		12/15/2024	1855
7440-66-6	Zinc	200		12/15/2024	1855

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-21

% Solids: 81.4 Date Received: 11/26/2024

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	6800		12/15/2024	1858
7440-36-0	Antimony	3.0	J*	12/15/2024	1858
7440-38-2	Arsenic	9.9	*	12/15/2024	1858
7440-39-3	Barium	210		12/15/2024	1858
7440-41-7	Beryllium	0.78		12/15/2024	1858
7440-43-9	Cadmium	0.93		12/15/2024	1858
7440-70-2	Calcium	25000		12/15/2024	1858
7440-47-3	Chromium	16		12/15/2024	1858
7440-48-4	Cobalt	13	*	12/15/2024	1858
7440-50-8	Copper	34		12/15/2024	1858
7439-89-6	Iron	21000		12/15/2024	1858
7439-92-1	Lead	260		12/15/2024	1858
7439-95-4	Magnesium	5600		12/15/2024	1858
7439-96-5	Manganese	610	*	12/15/2024	1858
7440-02-0	Nickel	36		12/15/2024	1858
7440-09-7	Potassium	540	J	12/15/2024	1858
7782-49-2	Selenium	3.8	U*	12/15/2024	1858
7440-22-4	Silver	1.1	U*	12/15/2024	1858
7440-23-5	Sodium	140	J	12/15/2024	1858
7440-28-0	Thallium	1.8	J	12/15/2024	1858
7440-62-2	Vanadium	18		12/15/2024	1858
7440-66-6	Zinc	200		12/15/2024	1858

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ8

Matrix: SOIL Lab Sample ID: P5012-22

% Solids: 81.3 Date Received: 11/26/2024

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		12/15/2024	1902
7440-36-0	Antimony	3.4	J*	12/15/2024	1902
7440-38-2	Arsenic	9.6	*	12/15/2024	1902
7440-39-3	Barium	150		12/15/2024	1902
7440-41-7	Beryllium	0.79		12/15/2024	1902
7440-43-9	Cadmium	0.75		12/15/2024	1902
7440-70-2	Calcium	14000		12/15/2024	1902
7440-47-3	Chromium	15		12/15/2024	1902
7440-48-4	Cobalt	11	*	12/15/2024	1902
7440-50-8	Copper	34		12/15/2024	1902
7439-89-6	Iron	21000		12/15/2024	1902
7439-92-1	Lead	210		12/15/2024	1902
7439-95-4	Magnesium	5400		12/15/2024	1902
7439-96-5	Manganese	440	*	12/15/2024	1902
7440-02-0	Nickel	27		12/15/2024	1902
7440-09-7	Potassium	500	J	12/15/2024	1902
7782-49-2	Selenium	3.9	U*	12/15/2024	1902
7440-22-4	Silver	1.1	U*	12/15/2024	1902
7440-23-5	Sodium	230	J	12/15/2024	1902
7440-28-0	Thallium	1.4	J	12/15/2024	1902
7440-62-2	Vanadium	19		12/15/2024	1902
7440-66-6	Zinc	160		12/15/2024	1902

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

Comments: