

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ01

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-01

% Solids: 82.1 Date Received: 11/22/2024

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	2200		12/11/2024	1732
7440-36-0	Antimony	6.4	U*	12/11/2024	1732
7440-38-2	Arsenic	4.7		12/11/2024	1732
7440-39-3	Barium	30		12/11/2024	1732
7440-41-7	Beryllium	0.26	J	12/11/2024	1732
7440-43-9	Cadmium	0.81		12/11/2024	1732
7440-70-2	Calcium	150000	D	12/13/2024	1947
7440-47-3	Chromium	8.4		12/11/2024	1732
7440-48-4	Cobalt	7.8	*	12/11/2024	1732
7440-50-8	Copper	21		12/11/2024	1732
7439-89-6	Iron	9600		12/11/2024	1732
7439-92-1	Lead	130		12/11/2024	1732
7439-95-4	Magnesium	70000		12/11/2024	1732
7439-96-5	Manganese	870		12/11/2024	1732
7440-02-0	Nickel	16		12/11/2024	1732
7440-09-7	Potassium	610		12/11/2024	1732
7782-49-2	Selenium	3.7	U*	12/11/2024	1732
7440-22-4	Silver	0.15	J*	12/11/2024	1732
7440-23-5	Sodium	530	U	12/11/2024	1732
7440-28-0	Thallium	1.2	J	12/11/2024	1732
7440-62-2	Vanadium	6.6		12/11/2024	1732
7440-66-6	Zinc	180	*	12/11/2024	1732

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

Comments:

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MBHJ02

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-04

% Solids: 93.7 Date Received: 11/22/2024

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		12/12/2024	2033
7440-36-0	Antimony	5.5	U*	12/12/2024	2033
7440-38-2	Arsenic	3.8		12/12/2024	2033
7440-39-3	Barium	37		12/12/2024	2033
7440-41-7	Beryllium	0.26	J	12/12/2024	2033
7440-43-9	Cadmium	0.84		12/12/2024	2033
7440-70-2	Calcium	140000	D	12/15/2024	2004
7440-47-3	Chromium	6.7		12/12/2024	2033
7440-48-4	Cobalt	7.0	*	12/12/2024	2033
7440-50-8	Copper	19		12/12/2024	2033
7439-89-6	Iron	10000		12/12/2024	2033
7439-92-1	Lead	92		12/12/2024	2033
7439-95-4	Magnesium	69000		12/12/2024	2033
7439-96-5	Manganese	950		12/12/2024	2033
7440-02-0	Nickel	12		12/12/2024	2033
7440-09-7	Potassium	410	J	12/12/2024	2033
7782-49-2	Selenium	3.2	U*	12/12/2024	2033
7440-22-4	Silver	0.71	J*	12/12/2024	2033
7440-23-5	Sodium	130	J	12/12/2024	2033
7440-28-0	Thallium	1.7	J	12/12/2024	2033
7440-62-2	Vanadium	6.3		12/12/2024	2033
7440-66-6	Zinc	160	*	12/12/2024	2033

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

Comments:

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MBHJ03

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-05

% Solids: 97.4 Date Received: 11/22/2024

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	1800		12/12/2024	2037
7440-36-0	Antimony	5.3	U*	12/12/2024	2037
7440-38-2	Arsenic	4.4		12/12/2024	2037
7440-39-3	Barium	20		12/12/2024	2037
7440-41-7	Beryllium	0.22	J	12/12/2024	2037
7440-43-9	Cadmium	4.5		12/12/2024	2037
7440-70-2	Calcium	180000	D	12/20/2024	1917
7440-47-3	Chromium	4.8		12/12/2024	2037
7440-48-4	Cobalt	6.7	*	12/12/2024	2037
7440-50-8	Copper	10		12/12/2024	2037
7439-89-6	Iron	9700		12/12/2024	2037
7439-92-1	Lead	71		12/12/2024	2037
7439-95-4	Magnesium	88000	D	12/15/2024	2007
7439-96-5	Manganese	1000		12/12/2024	2037
7440-02-0	Nickel	10		12/12/2024	2037
7440-09-7	Potassium	430	J	12/12/2024	2037
7782-49-2	Selenium	3.1	U*	12/12/2024	2037
7440-22-4	Silver	0.65	J*	12/12/2024	2037
7440-23-5	Sodium	130	J	12/12/2024	2037
7440-28-0	Thallium	1.5	J	12/12/2024	2037
7440-62-2	Vanadium	4.8		12/12/2024	2037
7440-66-6	Zinc	760	*	12/12/2024	2037

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

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MBHJ04

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-06

% Solids: 97.8 Date Received: 11/22/2024

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	1300		12/12/2024	2041
7440-36-0	Antimony	4.5	U*	12/12/2024	2041
7440-38-2	Arsenic	3.1		12/12/2024	2041
7440-39-3	Barium	16		12/12/2024	2041
7440-41-7	Beryllium	0.18	J	12/12/2024	2041
7440-43-9	Cadmium	0.50		12/12/2024	2041
7440-70-2	Calcium	170000	D	12/15/2024	2203
7440-47-3	Chromium	3.8		12/12/2024	2041
7440-48-4	Cobalt	5.7	*	12/12/2024	2041
7440-50-8	Copper	5.7		12/12/2024	2041
7439-89-6	Iron	8400		12/12/2024	2041
7439-92-1	Lead	49		12/12/2024	2041
7439-95-4	Magnesium	89000	D	12/15/2024	2011
7439-96-5	Manganese	890		12/12/2024	2041
7440-02-0	Nickel	6.9		12/12/2024	2041
7440-09-7	Potassium	480		12/12/2024	2041
7782-49-2	Selenium	2.7	U*	12/12/2024	2041
7440-22-4	Silver	0.63	J*	12/12/2024	2041
7440-23-5	Sodium	150	J	12/12/2024	2041
7440-28-0	Thallium	1.4	J	12/12/2024	2041
7440-62-2	Vanadium	3.2	J	12/12/2024	2041
7440-66-6	Zinc	80	*	12/12/2024	2041

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

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MBHJ05

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-07

% Solids: 95.1 Date Received: 11/22/2024

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		12/12/2024	2045
7440-36-0	Antimony	5.6	U*	12/12/2024	2045
7440-38-2	Arsenic	3.5		12/12/2024	2045
7440-39-3	Barium	27		12/12/2024	2045
7440-41-7	Beryllium	0.25	J	12/12/2024	2045
7440-43-9	Cadmium	0.59		12/12/2024	2045
7440-70-2	Calcium	130000	D	12/15/2024	2015
7440-47-3	Chromium	4.6		12/12/2024	2045
7440-48-4	Cobalt	7.4	*	12/12/2024	2045
7440-50-8	Copper	9.0		12/12/2024	2045
7439-89-6	Iron	9500		12/12/2024	2045
7439-92-1	Lead	52		12/12/2024	2045
7439-95-4	Magnesium	64000		12/12/2024	2045
7439-96-5	Manganese	890		12/12/2024	2045
7440-02-0	Nickel	9.1		12/12/2024	2045
7440-09-7	Potassium	450	J	12/12/2024	2045
7782-49-2	Selenium	3.3	U*	12/12/2024	2045
7440-22-4	Silver	0.61	J*	12/12/2024	2045
7440-23-5	Sodium	130	J	12/12/2024	2045
7440-28-0	Thallium	1.8	J	12/12/2024	2045
7440-62-2	Vanadium	6.1		12/12/2024	2045
7440-66-6	Zinc	120	*	12/12/2024	2045

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

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MBHJ20

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-08

% Solids: 77 Date Received: 11/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6100		12/12/2024	2049
7440-36-0	Antimony	6.2	U*	12/12/2024	2049
7440-38-2	Arsenic	15		12/12/2024	2049
7440-39-3	Barium	140		12/12/2024	2049
7440-41-7	Beryllium	0.73		12/12/2024	2049
7440-43-9	Cadmium	0.97		12/12/2024	2049
7440-70-2	Calcium	15000		12/12/2024	2049
7440-47-3	Chromium	14		12/12/2024	2049
7440-48-4	Cobalt	11	*	12/12/2024	2049
7440-50-8	Copper	45		12/12/2024	2049
7439-89-6	Iron	15000		12/12/2024	2049
7439-92-1	Lead	270		12/12/2024	2049
7439-95-4	Magnesium	5600		12/12/2024	2049
7439-96-5	Manganese	980		12/12/2024	2049
7440-02-0	Nickel	25		12/12/2024	2049
7440-09-7	Potassium	490	J	12/12/2024	2049
7782-49-2	Selenium	3.6	U*	12/12/2024	2049
7440-22-4	Silver	1.1	*	12/12/2024	2049
7440-23-5	Sodium	520	U	12/12/2024	2049
7440-28-0	Thallium	0.73	J	12/12/2024	2049
7440-62-2	Vanadium	17		12/12/2024	2049
7440-66-6	Zinc	220	*	12/12/2024	2049

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

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MBHJ21

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-09

% Solids: 84.4 Date Received: 11/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/12/2024	2053
7440-36-0	Antimony	6.1	U*	12/12/2024	2053
7440-38-2	Arsenic	16		12/12/2024	2053
7440-39-3	Barium	150		12/12/2024	2053
7440-41-7	Beryllium	0.66		12/12/2024	2053
7440-43-9	Cadmium	1.0		12/12/2024	2053
7440-70-2	Calcium	18000		12/12/2024	2053
7440-47-3	Chromium	13		12/12/2024	2053
7440-48-4	Cobalt	11	*	12/12/2024	2053
7440-50-8	Copper	50		12/12/2024	2053
7439-89-6	Iron	15000		12/12/2024	2053
7439-92-1	Lead	270		12/12/2024	2053
7439-95-4	Magnesium	6100		12/12/2024	2053
7439-96-5	Manganese	940		12/12/2024	2053
7440-02-0	Nickel	24		12/12/2024	2053
7440-09-7	Potassium	480	J	12/12/2024	2053
7782-49-2	Selenium	3.5	U*	12/12/2024	2053
7440-22-4	Silver	1.0	*	12/12/2024	2053
7440-23-5	Sodium	120	J	12/12/2024	2053
7440-28-0	Thallium	1.2	J	12/12/2024	2053
7440-62-2	Vanadium	17		12/12/2024	2053
7440-66-6	Zinc	210	*	12/12/2024	2053

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

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MBHJ22

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-10

% Solids: 87.6 Date Received: 11/22/2024

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		12/12/2024	2056
7440-36-0	Antimony	5.1	U*	12/12/2024	2056
7440-38-2	Arsenic	15		12/12/2024	2056
7440-39-3	Barium	150		12/12/2024	2056
7440-41-7	Beryllium	0.67		12/12/2024	2056
7440-43-9	Cadmium	1.1		12/12/2024	2056
7440-70-2	Calcium	22000		12/12/2024	2056
7440-47-3	Chromium	13		12/12/2024	2056
7440-48-4	Cobalt	11	*	12/12/2024	2056
7440-50-8	Copper	52		12/12/2024	2056
7439-89-6	Iron	14000		12/12/2024	2056
7439-92-1	Lead	280		12/12/2024	2056
7439-95-4	Magnesium	6100		12/12/2024	2056
7439-96-5	Manganese	970		12/12/2024	2056
7440-02-0	Nickel	23		12/12/2024	2056
7440-09-7	Potassium	470		12/12/2024	2056
7782-49-2	Selenium	3.0	U*	12/12/2024	2056
7440-22-4	Silver	1.0	*	12/12/2024	2056
7440-23-5	Sodium	93	J	12/12/2024	2056
7440-28-0	Thallium	0.79	J	12/12/2024	2056
7440-62-2	Vanadium	17		12/12/2024	2056
7440-66-6	Zinc	230	*	12/12/2024	2056

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

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MBHJ23

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-11

% Solids: 88.1 Date Received: 11/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/12/2024	2100
7440-36-0	Antimony	5.8	U*	12/12/2024	2100
7440-38-2	Arsenic	16		12/12/2024	2100
7440-39-3	Barium	180		12/12/2024	2100
7440-41-7	Beryllium	0.64		12/12/2024	2100
7440-43-9	Cadmium	0.83		12/12/2024	2100
7440-70-2	Calcium	32000		12/12/2024	2100
7440-47-3	Chromium	13		12/12/2024	2100
7440-48-4	Cobalt	11	*	12/12/2024	2100
7440-50-8	Copper	50		12/12/2024	2100
7439-89-6	Iron	15000		12/12/2024	2100
7439-92-1	Lead	300		12/12/2024	2100
7439-95-4	Magnesium	7900		12/12/2024	2100
7439-96-5	Manganese	1100		12/12/2024	2100
7440-02-0	Nickel	20		12/12/2024	2100
7440-09-7	Potassium	550		12/12/2024	2100
7782-49-2	Selenium	3.4	U*	12/12/2024	2100
7440-22-4	Silver	1.0	*	12/12/2024	2100
7440-23-5	Sodium	480	U	12/12/2024	2100
7440-28-0	Thallium	1.1	J	12/12/2024	2100
7440-62-2	Vanadium	17		12/12/2024	2100
7440-66-6	Zinc	180	*	12/12/2024	2100

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

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MBHJ24

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-12

% Solids: 88.7 Date Received: 11/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4900		12/12/2024	2112
7440-36-0	Antimony	0.75	J*	12/12/2024	2112
7440-38-2	Arsenic	14		12/12/2024	2112
7440-39-3	Barium	360		12/12/2024	2112
7440-41-7	Beryllium	0.62		12/12/2024	2112
7440-43-9	Cadmium	2.2		12/12/2024	2112
7440-70-2	Calcium	30000		12/12/2024	2112
7440-47-3	Chromium	14		12/12/2024	2112
7440-48-4	Cobalt	11	*	12/12/2024	2112
7440-50-8	Copper	55		12/12/2024	2112
7439-89-6	Iron	20000		12/12/2024	2112
7439-92-1	Lead	1600		12/12/2024	2112
7439-95-4	Magnesium	8100		12/12/2024	2112
7439-96-5	Manganese	1000		12/12/2024	2112
7440-02-0	Nickel	23		12/12/2024	2112
7440-09-7	Potassium	520		12/12/2024	2112
7782-49-2	Selenium	3.0	U*	12/12/2024	2112
7440-22-4	Silver	1.3	*	12/12/2024	2112
7440-23-5	Sodium	130	J	12/12/2024	2112
7440-28-0	Thallium	0.63	J	12/12/2024	2112
7440-62-2	Vanadium	16		12/12/2024	2112
7440-66-6	Zinc	670	*	12/12/2024	2112

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

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MBHJ25

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-13

% Solids: 90 Date Received: 11/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		12/12/2024	2116
7440-36-0	Antimony	0.91	J*	12/12/2024	2116
7440-38-2	Arsenic	13		12/12/2024	2116
7440-39-3	Barium	290		12/12/2024	2116
7440-41-7	Beryllium	0.59		12/12/2024	2116
7440-43-9	Cadmium	1.6		12/12/2024	2116
7440-70-2	Calcium	32000		12/12/2024	2116
7440-47-3	Chromium	14		12/12/2024	2116
7440-48-4	Cobalt	10	*	12/12/2024	2116
7440-50-8	Copper	53		12/12/2024	2116
7439-89-6	Iron	15000		12/12/2024	2116
7439-92-1	Lead	1400		12/12/2024	2116
7439-95-4	Magnesium	7000		12/12/2024	2116
7439-96-5	Manganese	880		12/12/2024	2116
7440-02-0	Nickel	22		12/12/2024	2116
7440-09-7	Potassium	610		12/12/2024	2116
7782-49-2	Selenium	3.2	U*	12/12/2024	2116
7440-22-4	Silver	1.0	*	12/12/2024	2116
7440-23-5	Sodium	460	U	12/12/2024	2116
7440-28-0	Thallium	1.0	J	12/12/2024	2116
7440-62-2	Vanadium	14		12/12/2024	2116
7440-66-6	Zinc	410	*	12/12/2024	2116

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ27

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-14

% Solids: 67.4 Date Received: 11/22/2024

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		12/12/2024	2119
7440-36-0	Antimony	7.5	U*	12/12/2024	2119
7440-38-2	Arsenic	10		12/12/2024	2119
7440-39-3	Barium	88		12/12/2024	2119
7440-41-7	Beryllium	0.66		12/12/2024	2119
7440-43-9	Cadmium	0.52	J	12/12/2024	2119
7440-70-2	Calcium	10000		12/12/2024	2119
7440-47-3	Chromium	19		12/12/2024	2119
7440-48-4	Cobalt	11	*	12/12/2024	2119
7440-50-8	Copper	28		12/12/2024	2119
7439-89-6	Iron	16000		12/12/2024	2119
7439-92-1	Lead	130		12/12/2024	2119
7439-95-4	Magnesium	4500		12/12/2024	2119
7439-96-5	Manganese	910		12/12/2024	2119
7440-02-0	Nickel	20		12/12/2024	2119
7440-09-7	Potassium	530	J	12/12/2024	2119
7782-49-2	Selenium	4.4	U*	12/12/2024	2119
7440-22-4	Silver	0.85	J*	12/12/2024	2119
7440-23-5	Sodium	620	U	12/12/2024	2119
7440-28-0	Thallium	3.1	U	12/12/2024	2119
7440-62-2	Vanadium	17		12/12/2024	2119
7440-66-6	Zinc	110	*	12/12/2024	2119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ28

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-15

% Solids: 75.8 Date Received: 11/22/2024

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		12/12/2024	2123
7440-36-0	Antimony	5.6	U*	12/12/2024	2123
7440-38-2	Arsenic	9.3		12/12/2024	2123
7440-39-3	Barium	79		12/12/2024	2123
7440-41-7	Beryllium	0.59		12/12/2024	2123
7440-43-9	Cadmium	0.52		12/12/2024	2123
7440-70-2	Calcium	8900		12/12/2024	2123
7440-47-3	Chromium	19		12/12/2024	2123
7440-48-4	Cobalt	9.9	*	12/12/2024	2123
7440-50-8	Copper	25		12/12/2024	2123
7439-89-6	Iron	15000		12/12/2024	2123
7439-92-1	Lead	130		12/12/2024	2123
7439-95-4	Magnesium	4500		12/12/2024	2123
7439-96-5	Manganese	800		12/12/2024	2123
7440-02-0	Nickel	20		12/12/2024	2123
7440-09-7	Potassium	450	J	12/12/2024	2123
7782-49-2	Selenium	3.3	U*	12/12/2024	2123
7440-22-4	Silver	0.75	J*	12/12/2024	2123
7440-23-5	Sodium	470	U	12/12/2024	2123
7440-28-0	Thallium	2.3	U	12/12/2024	2123
7440-62-2	Vanadium	16		12/12/2024	2123
7440-66-6	Zinc	98	*	12/12/2024	2123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ29

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-16

% Solids: 82.7 Date Received: 11/22/2024

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		12/12/2024	2127
7440-36-0	Antimony	5.6	U*	12/12/2024	2127
7440-38-2	Arsenic	10		12/12/2024	2127
7440-39-3	Barium	82		12/12/2024	2127
7440-41-7	Beryllium	0.63		12/12/2024	2127
7440-43-9	Cadmium	0.60		12/12/2024	2127
7440-70-2	Calcium	20000		12/12/2024	2127
7440-47-3	Chromium	17		12/12/2024	2127
7440-48-4	Cobalt	11	*	12/12/2024	2127
7440-50-8	Copper	23		12/12/2024	2127
7439-89-6	Iron	16000		12/12/2024	2127
7439-92-1	Lead	140		12/12/2024	2127
7439-95-4	Magnesium	5900		12/12/2024	2127
7439-96-5	Manganese	880		12/12/2024	2127
7440-02-0	Nickel	20		12/12/2024	2127
7440-09-7	Potassium	360	J	12/12/2024	2127
7782-49-2	Selenium	3.3	U*	12/12/2024	2127
7440-22-4	Silver	0.77	J*	12/12/2024	2127
7440-23-5	Sodium	470	U	12/12/2024	2127
7440-28-0	Thallium	0.84	J	12/12/2024	2127
7440-62-2	Vanadium	17		12/12/2024	2127
7440-66-6	Zinc	110	*	12/12/2024	2127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ30

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-17

% Solids: 76.3 Date Received: 11/22/2024

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		12/12/2024	2131
7440-36-0	Antimony	0.62	J*	12/12/2024	2131
7440-38-2	Arsenic	18		12/12/2024	2131
7440-39-3	Barium	150		12/12/2024	2131
7440-41-7	Beryllium	0.79		12/12/2024	2131
7440-43-9	Cadmium	0.79		12/12/2024	2131
7440-70-2	Calcium	9100		12/12/2024	2131
7440-47-3	Chromium	33		12/12/2024	2131
7440-48-4	Cobalt	12	*	12/12/2024	2131
7440-50-8	Copper	57		12/12/2024	2131
7439-89-6	Iron	19000		12/12/2024	2131
7439-92-1	Lead	290		12/12/2024	2131
7439-95-4	Magnesium	2700		12/12/2024	2131
7439-96-5	Manganese	1400		12/12/2024	2131
7440-02-0	Nickel	21		12/12/2024	2131
7440-09-7	Potassium	330	J	12/12/2024	2131
7782-49-2	Selenium	1.0	J*	12/12/2024	2131
7440-22-4	Silver	1.1	*	12/12/2024	2131
7440-23-5	Sodium	100	J	12/12/2024	2131
7440-28-0	Thallium	2.5	U	12/12/2024	2131
7440-62-2	Vanadium	20		12/12/2024	2131
7440-66-6	Zinc	160	*	12/12/2024	2131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ31

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-18

% Solids: 79.1 Date Received: 11/22/2024

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	8000		12/12/2024	2135
7440-36-0	Antimony	5.6	U*	12/12/2024	2135
7440-38-2	Arsenic	11		12/12/2024	2135
7440-39-3	Barium	100		12/12/2024	2135
7440-41-7	Beryllium	0.64		12/12/2024	2135
7440-43-9	Cadmium	0.45	J	12/12/2024	2135
7440-70-2	Calcium	7600		12/12/2024	2135
7440-47-3	Chromium	13		12/12/2024	2135
7440-48-4	Cobalt	11	*	12/12/2024	2135
7440-50-8	Copper	25		12/12/2024	2135
7439-89-6	Iron	18000		12/12/2024	2135
7439-92-1	Lead	100		12/12/2024	2135
7439-95-4	Magnesium	2300		12/12/2024	2135
7439-96-5	Manganese	1700		12/12/2024	2135
7440-02-0	Nickel	14		12/12/2024	2135
7440-09-7	Potassium	250	J	12/12/2024	2135
7782-49-2	Selenium	0.79	J*	12/12/2024	2135
7440-22-4	Silver	1.0	*	12/12/2024	2135
7440-23-5	Sodium	470	U	12/12/2024	2135
7440-28-0	Thallium	2.3	U	12/12/2024	2135
7440-62-2	Vanadium	17		12/12/2024	2135
7440-66-6	Zinc	57	*	12/12/2024	2135

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ32

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-19

% Solids: 82 Date Received: 11/22/2024

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		12/12/2024	2139
7440-36-0	Antimony	0.57	J*	12/12/2024	2139
7440-38-2	Arsenic	10		12/12/2024	2139
7440-39-3	Barium	82		12/12/2024	2139
7440-41-7	Beryllium	0.74		12/12/2024	2139
7440-43-9	Cadmium	0.44	J	12/12/2024	2139
7440-70-2	Calcium	3000		12/12/2024	2139
7440-47-3	Chromium	9.8		12/12/2024	2139
7440-48-4	Cobalt	12	*	12/12/2024	2139
7440-50-8	Copper	13		12/12/2024	2139
7439-89-6	Iron	19000		12/12/2024	2139
7439-92-1	Lead	31		12/12/2024	2139
7439-95-4	Magnesium	1900		12/12/2024	2139
7439-96-5	Manganese	1700		12/12/2024	2139
7440-02-0	Nickel	14		12/12/2024	2139
7440-09-7	Potassium	67	J	12/12/2024	2139
7782-49-2	Selenium	1.6	J*	12/12/2024	2139
7440-22-4	Silver	1.1	*	12/12/2024	2139
7440-23-5	Sodium	510	U	12/12/2024	2139
7440-28-0	Thallium	2.5	U	12/12/2024	2139
7440-62-2	Vanadium	19		12/12/2024	2139
7440-66-6	Zinc	26	*	12/12/2024	2139

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

Comments:

FORM 1 - IN
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MBHJ33

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-20

% Solids: 83.6 Date Received: 11/22/2024

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	9300		12/12/2024	2142
7440-36-0	Antimony	0.41	J*	12/12/2024	2142
7440-38-2	Arsenic	12		12/12/2024	2142
7440-39-3	Barium	86		12/12/2024	2142
7440-41-7	Beryllium	0.75		12/12/2024	2142
7440-43-9	Cadmium	0.39	J	12/12/2024	2142
7440-70-2	Calcium	2500		12/12/2024	2142
7440-47-3	Chromium	10		12/12/2024	2142
7440-48-4	Cobalt	14	*	12/12/2024	2142
7440-50-8	Copper	14		12/12/2024	2142
7439-89-6	Iron	21000		12/12/2024	2142
7439-92-1	Lead	25		12/12/2024	2142
7439-95-4	Magnesium	2300		12/12/2024	2142
7439-96-5	Manganese	1400		12/12/2024	2142
7440-02-0	Nickel	18		12/12/2024	2142
7440-09-7	Potassium	150	J	12/12/2024	2142
7782-49-2	Selenium	1.6	J*	12/12/2024	2142
7440-22-4	Silver	1.1	*	12/12/2024	2142
7440-23-5	Sodium	430	U	12/12/2024	2142
7440-28-0	Thallium	2.2	U	12/12/2024	2142
7440-62-2	Vanadium	20		12/12/2024	2142
7440-66-6	Zinc	24	*	12/12/2024	2142

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

Comments:

FORM 1 - IN
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MBHJ41

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-21

% Solids: 81.6 Date Received: 11/22/2024

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		12/12/2024	2146
7440-36-0	Antimony	6.1	U*	12/12/2024	2146
7440-38-2	Arsenic	9.1		12/12/2024	2146
7440-39-3	Barium	65		12/12/2024	2146
7440-41-7	Beryllium	0.64		12/12/2024	2146
7440-43-9	Cadmium	0.56		12/12/2024	2146
7440-70-2	Calcium	29000		12/12/2024	2146
7440-47-3	Chromium	11		12/12/2024	2146
7440-48-4	Cobalt	11	*	12/12/2024	2146
7440-50-8	Copper	16		12/12/2024	2146
7439-89-6	Iron	17000		12/12/2024	2146
7439-92-1	Lead	36		12/12/2024	2146
7439-95-4	Magnesium	14000		12/12/2024	2146
7439-96-5	Manganese	630		12/12/2024	2146
7440-02-0	Nickel	20		12/12/2024	2146
7440-09-7	Potassium	1100		12/12/2024	2146
7782-49-2	Selenium	3.6	U*	12/12/2024	2146
7440-22-4	Silver	0.80	J*	12/12/2024	2146
7440-23-5	Sodium	510	U	12/12/2024	2146
7440-28-0	Thallium	0.73	J	12/12/2024	2146
7440-62-2	Vanadium	16		12/12/2024	2146
7440-66-6	Zinc	87	*	12/12/2024	2146

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ42

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ01

Matrix: SOIL Lab Sample ID: P4964-22

% Solids: 82.1 Date Received: 11/22/2024

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		12/12/2024	2150
7440-36-0	Antimony	5.9	U*	12/12/2024	2150
7440-38-2	Arsenic	9.5		12/12/2024	2150
7440-39-3	Barium	64		12/12/2024	2150
7440-41-7	Beryllium	0.58		12/12/2024	2150
7440-43-9	Cadmium	0.47	J	12/12/2024	2150
7440-70-2	Calcium	43000		12/12/2024	2150
7440-47-3	Chromium	10		12/12/2024	2150
7440-48-4	Cobalt	10	*	12/12/2024	2150
7440-50-8	Copper	15		12/12/2024	2150
7439-89-6	Iron	16000		12/12/2024	2150
7439-92-1	Lead	37		12/12/2024	2150
7439-95-4	Magnesium	21000		12/12/2024	2150
7439-96-5	Manganese	720		12/12/2024	2150
7440-02-0	Nickel	19		12/12/2024	2150
7440-09-7	Potassium	920		12/12/2024	2150
7782-49-2	Selenium	3.4	U*	12/12/2024	2150
7440-22-4	Silver	0.73	J*	12/12/2024	2150
7440-23-5	Sodium	490	U	12/12/2024	2150
7440-28-0	Thallium	2.5	U	12/12/2024	2150
7440-62-2	Vanadium	15		12/12/2024	2150
7440-66-6	Zinc	70	*	12/12/2024	2150

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

Comments: