

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-01

% Solids: 70.1 Date Received: 12/04/2024

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		12/24/2024	0827
7440-36-0	Antimony	3.9	J	12/24/2024	0827
7440-38-2	Arsenic	9.7		12/24/2024	0827
7440-39-3	Barium	190		12/24/2024	0827
7440-41-7	Beryllium	0.62		12/24/2024	0827
7440-43-9	Cadmium	1.3		12/24/2024	0827
7440-70-2	Calcium	25000		12/24/2024	0827
7440-47-3	Chromium	37		12/24/2024	0827
7440-48-4	Cobalt	11	*	12/24/2024	0827
7440-50-8	Copper	47		12/24/2024	0827
7439-89-6	Iron	16000		12/24/2024	0827
7439-92-1	Lead	210		12/24/2024	0827
7439-95-4	Magnesium	3400		12/24/2024	0827
7439-96-5	Manganese	1100		12/24/2024	0827
7440-02-0	Nickel	21		12/24/2024	0827
7440-09-7	Potassium	600		12/24/2024	0827
7782-49-2	Selenium	6.5	*	12/24/2024	0827
7440-22-4	Silver	0.53	J*	12/24/2024	0827
7440-23-5	Sodium	550	U	12/24/2024	0827
7440-28-0	Thallium	2.8	U*	12/24/2024	0827
7440-62-2	Vanadium	17		12/24/2024	0827
7440-66-6	Zinc	260	*	12/24/2024	0827

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

Comments:

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EPA SAMPLE NO.

MBHLJ9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8
 Matrix: SOIL Lab Sample ID: P5083-02
 % Solids: 77.6 Date Received: 12/04/2024
 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	6000		12/24/2024	0831
7440-36-0	Antimony	3.4	J	12/24/2024	0831
7440-38-2	Arsenic	9.0		12/24/2024	0831
7440-39-3	Barium	350		12/24/2024	0831
7440-41-7	Beryllium	0.59		12/24/2024	0831
7440-43-9	Cadmium	1.2		12/24/2024	0831
7440-70-2	Calcium	9300		12/24/2024	0831
7440-47-3	Chromium	38		12/24/2024	0831
7440-48-4	Cobalt	9.6	*	12/24/2024	0831
7440-50-8	Copper	42		12/24/2024	0831
7439-89-6	Iron	14000		12/24/2024	0831
7439-92-1	Lead	220		12/24/2024	0831
7439-95-4	Magnesium	2700		12/24/2024	0831
7439-96-5	Manganese	810		12/24/2024	0831
7440-02-0	Nickel	19		12/24/2024	0831
7440-09-7	Potassium	520		12/24/2024	0831
7782-49-2	Selenium	6.7	*	12/24/2024	0831
7440-22-4	Silver	0.40	J*	12/24/2024	0831
7440-23-5	Sodium	520	U	12/24/2024	0831
7440-28-0	Thallium	2.6	U*	12/24/2024	0831
7440-62-2	Vanadium	15		12/24/2024	0831
7440-66-6	Zinc	310	*	12/24/2024	0831

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

Comments:

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MBHLK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-03

% Solids: 82.3 Date Received: 12/04/2024

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		12/24/2024	0835
7440-36-0	Antimony	3.3	J	12/24/2024	0835
7440-38-2	Arsenic	13		12/24/2024	0835
7440-39-3	Barium	130		12/24/2024	0835
7440-41-7	Beryllium	0.67		12/24/2024	0835
7440-43-9	Cadmium	0.74		12/24/2024	0835
7440-70-2	Calcium	6800		12/24/2024	0835
7440-47-3	Chromium	20		12/24/2024	0835
7440-48-4	Cobalt	9.3	*	12/24/2024	0835
7440-50-8	Copper	26		12/24/2024	0835
7439-89-6	Iron	15000		12/24/2024	0835
7439-92-1	Lead	220		12/24/2024	0835
7439-95-4	Magnesium	2700		12/24/2024	0835
7439-96-5	Manganese	540		12/24/2024	0835
7440-02-0	Nickel	17		12/24/2024	0835
7440-09-7	Potassium	520		12/24/2024	0835
7782-49-2	Selenium	6.7	*	12/24/2024	0835
7440-22-4	Silver	0.90	U*	12/24/2024	0835
7440-23-5	Sodium	450	U	12/24/2024	0835
7440-28-0	Thallium	2.3	U*	12/24/2024	0835
7440-62-2	Vanadium	17		12/24/2024	0835
7440-66-6	Zinc	170	*	12/24/2024	0835

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

Comments:

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MBHLK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-06

% Solids: 79.2 Date Received: 12/04/2024

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		12/24/2024	0850
7440-36-0	Antimony	3.7	J	12/24/2024	0850
7440-38-2	Arsenic	16		12/24/2024	0850
7440-39-3	Barium	150		12/24/2024	0850
7440-41-7	Beryllium	0.72		12/24/2024	0850
7440-43-9	Cadmium	0.73		12/24/2024	0850
7440-70-2	Calcium	5800		12/24/2024	0850
7440-47-3	Chromium	18		12/24/2024	0850
7440-48-4	Cobalt	9.6	*	12/24/2024	0850
7440-50-8	Copper	30		12/24/2024	0850
7439-89-6	Iron	16000		12/24/2024	0850
7439-92-1	Lead	180		12/24/2024	0850
7439-95-4	Magnesium	2100		12/24/2024	0850
7439-96-5	Manganese	600		12/24/2024	0850
7440-02-0	Nickel	16		12/24/2024	0850
7440-09-7	Potassium	690		12/24/2024	0850
7782-49-2	Selenium	7.5	*	12/24/2024	0850
7440-22-4	Silver	0.85	U*	12/24/2024	0850
7440-23-5	Sodium	430	U	12/24/2024	0850
7440-28-0	Thallium	2.1	U*	12/24/2024	0850
7440-62-2	Vanadium	16		12/24/2024	0850
7440-66-6	Zinc	130	*	12/24/2024	0850

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

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MBHLK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-07

% Solids: 83.5 Date Received: 12/04/2024

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		12/24/2024	0854
7440-36-0	Antimony	3.4	J	12/24/2024	0854
7440-38-2	Arsenic	12		12/24/2024	0854
7440-39-3	Barium	53		12/24/2024	0854
7440-41-7	Beryllium	0.62		12/24/2024	0854
7440-43-9	Cadmium	0.38	J	12/24/2024	0854
7440-70-2	Calcium	10000		12/24/2024	0854
7440-47-3	Chromium	9.4		12/24/2024	0854
7440-48-4	Cobalt	10	*	12/24/2024	0854
7440-50-8	Copper	22		12/24/2024	0854
7439-89-6	Iron	16000		12/24/2024	0854
7439-92-1	Lead	34		12/24/2024	0854
7439-95-4	Magnesium	4600		12/24/2024	0854
7439-96-5	Manganese	570		12/24/2024	0854
7440-02-0	Nickel	14		12/24/2024	0854
7440-09-7	Potassium	580		12/24/2024	0854
7782-49-2	Selenium	6.8	*	12/24/2024	0854
7440-22-4	Silver	0.97	U*	12/24/2024	0854
7440-23-5	Sodium	490	U	12/24/2024	0854
7440-28-0	Thallium	2.4	U*	12/24/2024	0854
7440-62-2	Vanadium	14		12/24/2024	0854
7440-66-6	Zinc	48	*	12/24/2024	0854

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

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MBHLK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-08

% Solids: 86.5 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4800		12/24/2024	0858
7440-36-0	Antimony	3.4	J	12/24/2024	0858
7440-38-2	Arsenic	8.3		12/24/2024	0858
7440-39-3	Barium	41		12/24/2024	0858
7440-41-7	Beryllium	0.59		12/24/2024	0858
7440-43-9	Cadmium	0.31	J	12/24/2024	0858
7440-70-2	Calcium	18000		12/24/2024	0858
7440-47-3	Chromium	8.5		12/24/2024	0858
7440-48-4	Cobalt	10	*	12/24/2024	0858
7440-50-8	Copper	19		12/24/2024	0858
7439-89-6	Iron	15000		12/24/2024	0858
7439-92-1	Lead	19		12/24/2024	0858
7439-95-4	Magnesium	4900		12/24/2024	0858
7439-96-5	Manganese	410		12/24/2024	0858
7440-02-0	Nickel	14		12/24/2024	0858
7440-09-7	Potassium	610		12/24/2024	0858
7782-49-2	Selenium	5.1	*	12/24/2024	0858
7440-22-4	Silver	1.0	U*	12/24/2024	0858
7440-23-5	Sodium	520	U	12/24/2024	0858
7440-28-0	Thallium	2.6	U*	12/24/2024	0858
7440-62-2	Vanadium	16		12/24/2024	0858
7440-66-6	Zinc	40	*	12/24/2024	0858

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

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MBHLK4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8
 Matrix: SOIL Lab Sample ID: P5083-09
 % Solids: 84.3 Date Received: 12/04/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500		12/24/2024	0902
7440-36-0	Antimony	3.3	J	12/24/2024	0902
7440-38-2	Arsenic	6.4		12/24/2024	0902
7440-39-3	Barium	59		12/24/2024	0902
7440-41-7	Beryllium	0.55		12/24/2024	0902
7440-43-9	Cadmium	0.34	J	12/24/2024	0902
7440-70-2	Calcium	12000		12/24/2024	0902
7440-47-3	Chromium	9.3		12/24/2024	0902
7440-48-4	Cobalt	9.7	*	12/24/2024	0902
7440-50-8	Copper	17		12/24/2024	0902
7439-89-6	Iron	14000		12/24/2024	0902
7439-92-1	Lead	20		12/24/2024	0902
7439-95-4	Magnesium	4300		12/24/2024	0902
7439-96-5	Manganese	610		12/24/2024	0902
7440-02-0	Nickel	16		12/24/2024	0902
7440-09-7	Potassium	510	J	12/24/2024	0902
7782-49-2	Selenium	5.7	*	12/24/2024	0902
7440-22-4	Silver	1.0	U*	12/24/2024	0902
7440-23-5	Sodium	520	U	12/24/2024	0902
7440-28-0	Thallium	2.6	U*	12/24/2024	0902
7440-62-2	Vanadium	14		12/24/2024	0902
7440-66-6	Zinc	42	*	12/24/2024	0902

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

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MBHLL9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8
 Matrix: SOIL Lab Sample ID: P5083-10
 % Solids: 70.7 Date Received: 12/04/2024
 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		12/24/2024	0913
7440-36-0	Antimony	3.8	J	12/24/2024	0913
7440-38-2	Arsenic	16		12/24/2024	0913
7440-39-3	Barium	110		12/24/2024	0913
7440-41-7	Beryllium	0.70		12/24/2024	0913
7440-43-9	Cadmium	0.69		12/24/2024	0913
7440-70-2	Calcium	5900		12/24/2024	0913
7440-47-3	Chromium	11		12/24/2024	0913
7440-48-4	Cobalt	11	*	12/24/2024	0913
7440-50-8	Copper	24		12/24/2024	0913
7439-89-6	Iron	16000		12/24/2024	0913
7439-92-1	Lead	63		12/24/2024	0913
7439-95-4	Magnesium	2200		12/24/2024	0913
7439-96-5	Manganese	1300		12/24/2024	0913
7440-02-0	Nickel	17		12/24/2024	0913
7440-09-7	Potassium	830		12/24/2024	0913
7782-49-2	Selenium	8.4	*	12/24/2024	0913
7440-22-4	Silver	1.1	U*	12/24/2024	0913
7440-23-5	Sodium	560	U	12/24/2024	0913
7440-28-0	Thallium	2.8	U*	12/24/2024	0913
7440-62-2	Vanadium	17		12/24/2024	0913
7440-66-6	Zinc	76	*	12/24/2024	0913

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

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MBHLM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-11

% Solids: 71.1 Date Received: 12/04/2024

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		12/24/2024	0917
7440-36-0	Antimony	3.7	J	12/24/2024	0917
7440-38-2	Arsenic	15		12/24/2024	0917
7440-39-3	Barium	100		12/24/2024	0917
7440-41-7	Beryllium	0.73		12/24/2024	0917
7440-43-9	Cadmium	0.74		12/24/2024	0917
7440-70-2	Calcium	6200		12/24/2024	0917
7440-47-3	Chromium	12		12/24/2024	0917
7440-48-4	Cobalt	12	*	12/24/2024	0917
7440-50-8	Copper	24		12/24/2024	0917
7439-89-6	Iron	16000		12/24/2024	0917
7439-92-1	Lead	59		12/24/2024	0917
7439-95-4	Magnesium	2000		12/24/2024	0917
7439-96-5	Manganese	1100		12/24/2024	0917
7440-02-0	Nickel	18		12/24/2024	0917
7440-09-7	Potassium	750		12/24/2024	0917
7782-49-2	Selenium	8.1	*	12/24/2024	0917
7440-22-4	Silver	0.99	U*	12/24/2024	0917
7440-23-5	Sodium	500	U	12/24/2024	0917
7440-28-0	Thallium	2.5	U*	12/24/2024	0917
7440-62-2	Vanadium	18		12/24/2024	0917
7440-66-6	Zinc	72	*	12/24/2024	0917

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

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MBHLM1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-12

% Solids: 78 Date Received: 12/04/2024

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	6500		12/24/2024	0921
7440-36-0	Antimony	3.3	J	12/24/2024	0921
7440-38-2	Arsenic	13		12/24/2024	0921
7440-39-3	Barium	93		12/24/2024	0921
7440-41-7	Beryllium	0.68		12/24/2024	0921
7440-43-9	Cadmium	0.62		12/24/2024	0921
7440-70-2	Calcium	3600		12/24/2024	0921
7440-47-3	Chromium	9.8		12/24/2024	0921
7440-48-4	Cobalt	12	*	12/24/2024	0921
7440-50-8	Copper	18		12/24/2024	0921
7439-89-6	Iron	16000		12/24/2024	0921
7439-92-1	Lead	49		12/24/2024	0921
7439-95-4	Magnesium	2000		12/24/2024	0921
7439-96-5	Manganese	1100		12/24/2024	0921
7440-02-0	Nickel	15		12/24/2024	0921
7440-09-7	Potassium	560		12/24/2024	0921
7782-49-2	Selenium	8.3	*	12/24/2024	0921
7440-22-4	Silver	0.90	U*	12/24/2024	0921
7440-23-5	Sodium	450	U	12/24/2024	0921
7440-28-0	Thallium	2.2	U*	12/24/2024	0921
7440-62-2	Vanadium	17		12/24/2024	0921
7440-66-6	Zinc	56	*	12/24/2024	0921

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

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MBHLM2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-13

% Solids: 83.6 Date Received: 12/04/2024

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		12/24/2024	0925
7440-36-0	Antimony	3.2	J	12/24/2024	0925
7440-38-2	Arsenic	14		12/24/2024	0925
7440-39-3	Barium	87		12/24/2024	0925
7440-41-7	Beryllium	0.68		12/24/2024	0925
7440-43-9	Cadmium	0.79		12/24/2024	0925
7440-70-2	Calcium	3300		12/24/2024	0925
7440-47-3	Chromium	8.6		12/24/2024	0925
7440-48-4	Cobalt	12	*	12/24/2024	0925
7440-50-8	Copper	22		12/24/2024	0925
7439-89-6	Iron	16000		12/24/2024	0925
7439-92-1	Lead	32		12/24/2024	0925
7439-95-4	Magnesium	2000		12/24/2024	0925
7439-96-5	Manganese	1200		12/24/2024	0925
7440-02-0	Nickel	16		12/24/2024	0925
7440-09-7	Potassium	430		12/24/2024	0925
7782-49-2	Selenium	8.5	*	12/24/2024	0925
7440-22-4	Silver	0.82	U*	12/24/2024	0925
7440-23-5	Sodium	410	U	12/24/2024	0925
7440-28-0	Thallium	2.1	U*	12/24/2024	0925
7440-62-2	Vanadium	16		12/24/2024	0925
7440-66-6	Zinc	51	*	12/24/2024	0925

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLM3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-14

% Solids: 85.8 Date Received: 12/04/2024

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		12/24/2024	0928
7440-36-0	Antimony	2.6	J	12/24/2024	0928
7440-38-2	Arsenic	6.5		12/24/2024	0928
7440-39-3	Barium	47		12/24/2024	0928
7440-41-7	Beryllium	0.51		12/24/2024	0928
7440-43-9	Cadmium	0.41	J	12/24/2024	0928
7440-70-2	Calcium	92000	D	01/04/2025	0235
7440-47-3	Chromium	7.3		12/24/2024	0928
7440-48-4	Cobalt	11	*	12/24/2024	0928
7440-50-8	Copper	23		12/24/2024	0928
7439-89-6	Iron	13000		12/24/2024	0928
7439-92-1	Lead	22		12/24/2024	0928
7439-95-4	Magnesium	9000		12/24/2024	0928
7439-96-5	Manganese	740		12/24/2024	0928
7440-02-0	Nickel	12		12/24/2024	0928
7440-09-7	Potassium	520		12/24/2024	0928
7782-49-2	Selenium	2.9	J*	12/24/2024	0928
7440-22-4	Silver	0.93	U*	12/24/2024	0928
7440-23-5	Sodium	460	U	12/24/2024	0928
7440-28-0	Thallium	2.3	U*	12/24/2024	0928
7440-62-2	Vanadium	11		12/24/2024	0928
7440-66-6	Zinc	50	*	12/24/2024	0928

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLM4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-15

% Solids: 84.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3800		12/24/2024	0932
7440-36-0	Antimony	2.2	J	12/24/2024	0932
7440-38-2	Arsenic	6.2		12/24/2024	0932
7440-39-3	Barium	49		12/24/2024	0932
7440-41-7	Beryllium	0.51		12/24/2024	0932
7440-43-9	Cadmium	0.26	J	12/24/2024	0932
7440-70-2	Calcium	170000	D	01/04/2025	0239
7440-47-3	Chromium	6.1		12/24/2024	0932
7440-48-4	Cobalt	9.7	*	12/24/2024	0932
7440-50-8	Copper	13		12/24/2024	0932
7439-89-6	Iron	11000		12/24/2024	0932
7439-92-1	Lead	24		12/24/2024	0932
7439-95-4	Magnesium	4600		12/24/2024	0932
7439-96-5	Manganese	530		12/24/2024	0932
7440-02-0	Nickel	9.9		12/24/2024	0932
7440-09-7	Potassium	580		12/24/2024	0932
7782-49-2	Selenium	1.4	J*	12/24/2024	0932
7440-22-4	Silver	0.87	U*	12/24/2024	0932
7440-23-5	Sodium	430	U	12/24/2024	0932
7440-28-0	Thallium	2.2	U*	12/24/2024	0932
7440-62-2	Vanadium	8.4		12/24/2024	0932
7440-66-6	Zinc	26	*	12/24/2024	0932

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLM5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-16

% Solids: 87.7 Date Received: 12/04/2024

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		12/24/2024	0936
7440-36-0	Antimony	2.3	J	12/24/2024	0936
7440-38-2	Arsenic	4.8		12/24/2024	0936
7440-39-3	Barium	48		12/24/2024	0936
7440-41-7	Beryllium	0.46		12/24/2024	0936
7440-43-9	Cadmium	0.24	J	12/24/2024	0936
7440-70-2	Calcium	160000	D	01/04/2025	0243
7440-47-3	Chromium	6.4		12/24/2024	0936
7440-48-4	Cobalt	11	*	12/24/2024	0936
7440-50-8	Copper	16		12/24/2024	0936
7439-89-6	Iron	10000		12/24/2024	0936
7439-92-1	Lead	18		12/24/2024	0936
7439-95-4	Magnesium	6600		12/24/2024	0936
7439-96-5	Manganese	740		12/24/2024	0936
7440-02-0	Nickel	12		12/24/2024	0936
7440-09-7	Potassium	720		12/24/2024	0936
7782-49-2	Selenium	1.8	J*	12/24/2024	0936
7440-22-4	Silver	0.78	U*	12/24/2024	0936
7440-23-5	Sodium	390	U	12/24/2024	0936
7440-28-0	Thallium	1.9	U*	12/24/2024	0936
7440-62-2	Vanadium	8.8		12/24/2024	0936
7440-66-6	Zinc	33	*	12/24/2024	0936

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-17

% Solids: 74.3 Date Received: 12/04/2024

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		12/24/2024	0940
7440-36-0	Antimony	3.9	J	12/24/2024	0940
7440-38-2	Arsenic	13		12/24/2024	0940
7440-39-3	Barium	110		12/24/2024	0940
7440-41-7	Beryllium	0.72		12/24/2024	0940
7440-43-9	Cadmium	0.75		12/24/2024	0940
7440-70-2	Calcium	7000		12/24/2024	0940
7440-47-3	Chromium	15		12/24/2024	0940
7440-48-4	Cobalt	11	*	12/24/2024	0940
7440-50-8	Copper	28		12/24/2024	0940
7439-89-6	Iron	16000		12/24/2024	0940
7439-92-1	Lead	150		12/24/2024	0940
7439-95-4	Magnesium	2900		12/24/2024	0940
7439-96-5	Manganese	810		12/24/2024	0940
7440-02-0	Nickel	18		12/24/2024	0940
7440-09-7	Potassium	580		12/24/2024	0940
7782-49-2	Selenium	7.8	*	12/24/2024	0940
7440-22-4	Silver	1.0	U*	12/24/2024	0940
7440-23-5	Sodium	510	U	12/24/2024	0940
7440-28-0	Thallium	2.5	U*	12/24/2024	0940
7440-62-2	Vanadium	18		12/24/2024	0940
7440-66-6	Zinc	140	*	12/24/2024	0940

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-18

% Solids: 79.1 Date Received: 12/04/2024

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		12/24/2024	0944
7440-36-0	Antimony	4.0	J	12/24/2024	0944
7440-38-2	Arsenic	16		12/24/2024	0944
7440-39-3	Barium	130		12/24/2024	0944
7440-41-7	Beryllium	0.82		12/24/2024	0944
7440-43-9	Cadmium	0.98		12/24/2024	0944
7440-70-2	Calcium	8300		12/24/2024	0944
7440-47-3	Chromium	20		12/24/2024	0944
7440-48-4	Cobalt	12	*	12/24/2024	0944
7440-50-8	Copper	35		12/24/2024	0944
7439-89-6	Iron	19000		12/24/2024	0944
7439-92-1	Lead	230		12/24/2024	0944
7439-95-4	Magnesium	3600		12/24/2024	0944
7439-96-5	Manganese	970		12/24/2024	0944
7440-02-0	Nickel	22		12/24/2024	0944
7440-09-7	Potassium	490	J	12/24/2024	0944
7782-49-2	Selenium	9.1	*	12/24/2024	0944
7440-22-4	Silver	1.1	U*	12/24/2024	0944
7440-23-5	Sodium	540	U	12/24/2024	0944
7440-28-0	Thallium	2.7	U*	12/24/2024	0944
7440-62-2	Vanadium	20		12/24/2024	0944
7440-66-6	Zinc	190	*	12/24/2024	0944

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-19

% Solids: 82.8 Date Received: 12/04/2024

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		12/24/2024	0948
7440-36-0	Antimony	4.2	J	12/24/2024	0948
7440-38-2	Arsenic	17		12/24/2024	0948
7440-39-3	Barium	130		12/24/2024	0948
7440-41-7	Beryllium	0.80		12/24/2024	0948
7440-43-9	Cadmium	1.0		12/24/2024	0948
7440-70-2	Calcium	9100		12/24/2024	0948
7440-47-3	Chromium	16		12/24/2024	0948
7440-48-4	Cobalt	12	*	12/24/2024	0948
7440-50-8	Copper	33		12/24/2024	0948
7439-89-6	Iron	17000		12/24/2024	0948
7439-92-1	Lead	230		12/24/2024	0948
7439-95-4	Magnesium	2800		12/24/2024	0948
7439-96-5	Manganese	920		12/24/2024	0948
7440-02-0	Nickel	21		12/24/2024	0948
7440-09-7	Potassium	440		12/24/2024	0948
7782-49-2	Selenium	8.8	*	12/24/2024	0948
7440-22-4	Silver	0.83	U*	12/24/2024	0948
7440-23-5	Sodium	420	U	12/24/2024	0948
7440-28-0	Thallium	2.1	U*	12/24/2024	0948
7440-62-2	Vanadium	19		12/24/2024	0948
7440-66-6	Zinc	190	*	12/24/2024	0948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-20

% Solids: 81.9 Date Received: 12/04/2024

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		12/24/2024	0952
7440-36-0	Antimony	4.2	J	12/24/2024	0952
7440-38-2	Arsenic	20		12/24/2024	0952
7440-39-3	Barium	120		12/24/2024	0952
7440-41-7	Beryllium	0.85		12/24/2024	0952
7440-43-9	Cadmium	1.1		12/24/2024	0952
7440-70-2	Calcium	5100		12/24/2024	0952
7440-47-3	Chromium	16		12/24/2024	0952
7440-48-4	Cobalt	11	*	12/24/2024	0952
7440-50-8	Copper	28		12/24/2024	0952
7439-89-6	Iron	19000		12/24/2024	0952
7439-92-1	Lead	350		12/24/2024	0952
7439-95-4	Magnesium	2000		12/24/2024	0952
7439-96-5	Manganese	880		12/24/2024	0952
7440-02-0	Nickel	21		12/24/2024	0952
7440-09-7	Potassium	460		12/24/2024	0952
7782-49-2	Selenium	9.9	*	12/24/2024	0952
7440-22-4	Silver	0.87	U*	12/24/2024	0952
7440-23-5	Sodium	430	U	12/24/2024	0952
7440-28-0	Thallium	2.2	U*	12/24/2024	0952
7440-62-2	Vanadium	20		12/24/2024	0952
7440-66-6	Zinc	180	*	12/24/2024	0952

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8
 Matrix: SOIL Lab Sample ID: P5083-21
 % Solids: 83.9 Date Received: 12/04/2024
 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		12/24/2024	0955
7440-36-0	Antimony	4.0	J	12/24/2024	0955
7440-38-2	Arsenic	17		12/24/2024	0955
7440-39-3	Barium	120		12/24/2024	0955
7440-41-7	Beryllium	0.82		12/24/2024	0955
7440-43-9	Cadmium	0.88		12/24/2024	0955
7440-70-2	Calcium	4600		12/24/2024	0955
7440-47-3	Chromium	14		12/24/2024	0955
7440-48-4	Cobalt	12	*	12/24/2024	0955
7440-50-8	Copper	22		12/24/2024	0955
7439-89-6	Iron	19000		12/24/2024	0955
7439-92-1	Lead	92		12/24/2024	0955
7439-95-4	Magnesium	2100		12/24/2024	0955
7439-96-5	Manganese	1100		12/24/2024	0955
7440-02-0	Nickel	19		12/24/2024	0955
7440-09-7	Potassium	470		12/24/2024	0955
7782-49-2	Selenium	9.9	*	12/24/2024	0955
7440-22-4	Silver	0.93	U*	12/24/2024	0955
7440-23-5	Sodium	470	U	12/24/2024	0955
7440-28-0	Thallium	2.3	U*	12/24/2024	0955
7440-62-2	Vanadium	19		12/24/2024	0955
7440-66-6	Zinc	120	*	12/24/2024	0955

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLJ8

Matrix: SOIL Lab Sample ID: P5083-22

% Solids: 90.1 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5600		12/24/2024	0959
7440-36-0	Antimony	3.5	J	12/24/2024	0959
7440-38-2	Arsenic	13		12/24/2024	0959
7440-39-3	Barium	140		12/24/2024	0959
7440-41-7	Beryllium	0.59		12/24/2024	0959
7440-43-9	Cadmium	0.41		12/24/2024	0959
7440-70-2	Calcium	4600		12/24/2024	0959
7440-47-3	Chromium	9.7		12/24/2024	0959
7440-48-4	Cobalt	13	*	12/24/2024	0959
7440-50-8	Copper	16		12/24/2024	0959
7439-89-6	Iron	17000		12/24/2024	0959
7439-92-1	Lead	27		12/24/2024	0959
7439-95-4	Magnesium	3000		12/24/2024	0959
7439-96-5	Manganese	1200		12/24/2024	0959
7440-02-0	Nickel	16		12/24/2024	0959
7440-09-7	Potassium	430		12/24/2024	0959
7782-49-2	Selenium	8.4	*	12/24/2024	0959
7440-22-4	Silver	0.77	U*	12/24/2024	0959
7440-23-5	Sodium	380	U	12/24/2024	0959
7440-28-0	Thallium	1.9	U*	12/24/2024	0959
7440-62-2	Vanadium	15		12/24/2024	0959
7440-66-6	Zinc	41	*	12/24/2024	0959

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

Comments: