

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLP0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-01

% Solids: 79.5 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	6100		12/28/2024	0315
7440-36-0	Antimony	5.5	U*	12/28/2024	0315
7440-38-2	Arsenic	14		12/28/2024	0315
7440-39-3	Barium	86		12/28/2024	0315
7440-41-7	Beryllium	0.71		12/28/2024	0315
7440-43-9	Cadmium	0.65		12/28/2024	0315
7440-70-2	Calcium	10000		12/28/2024	0315
7440-47-3	Chromium	15		12/28/2024	0315
7440-48-4	Cobalt	9.3	*	12/28/2024	0315
7440-50-8	Copper	23		12/28/2024	0315
7439-89-6	Iron	14000		12/28/2024	0315
7439-92-1	Lead	210		12/28/2024	0315
7439-95-4	Magnesium	2800		12/28/2024	0315
7439-96-5	Manganese	590		12/28/2024	0315
7440-02-0	Nickel	15		12/28/2024	0315
7440-09-7	Potassium	790		12/28/2024	0315
7782-49-2	Selenium	7.0	*	12/28/2024	0315
7440-22-4	Silver	0.91	U*	12/28/2024	0315
7440-23-5	Sodium	460	U	12/28/2024	0315
7440-28-0	Thallium	2.3	U*	12/28/2024	0315
7440-62-2	Vanadium	15		12/28/2024	0315
7440-66-6	Zinc	130	*	12/28/2024	0315

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

Comments:

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MBHLP1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-02

% Solids: 78.5 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	6700		12/28/2024	0319
7440-36-0	Antimony	6.1	U*	12/28/2024	0319
7440-38-2	Arsenic	16		12/28/2024	0319
7440-39-3	Barium	120		12/28/2024	0319
7440-41-7	Beryllium	0.81		12/28/2024	0319
7440-43-9	Cadmium	0.87		12/28/2024	0319
7440-70-2	Calcium	23000		12/28/2024	0319
7440-47-3	Chromium	18		12/28/2024	0319
7440-48-4	Cobalt	11	*	12/28/2024	0319
7440-50-8	Copper	29		12/28/2024	0319
7439-89-6	Iron	16000		12/28/2024	0319
7439-92-1	Lead	350		12/28/2024	0319
7439-95-4	Magnesium	4400		12/28/2024	0319
7439-96-5	Manganese	820		12/28/2024	0319
7440-02-0	Nickel	19		12/28/2024	0319
7440-09-7	Potassium	820		12/28/2024	0319
7782-49-2	Selenium	7.2	*	12/28/2024	0319
7440-22-4	Silver	1.0	U*	12/28/2024	0319
7440-23-5	Sodium	510	U	12/28/2024	0319
7440-28-0	Thallium	2.6	U*	12/28/2024	0319
7440-62-2	Vanadium	18		12/28/2024	0319
7440-66-6	Zinc	190	*	12/28/2024	0319

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

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MBHLP2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-03

% Solids: 79.6 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	6800		12/28/2024	0322
7440-36-0	Antimony	5.7	U*	12/28/2024	0322
7440-38-2	Arsenic	16		12/28/2024	0322
7440-39-3	Barium	130		12/28/2024	0322
7440-41-7	Beryllium	0.75		12/28/2024	0322
7440-43-9	Cadmium	0.86		12/28/2024	0322
7440-70-2	Calcium	24000		12/28/2024	0322
7440-47-3	Chromium	17		12/28/2024	0322
7440-48-4	Cobalt	11	*	12/28/2024	0322
7440-50-8	Copper	27		12/28/2024	0322
7439-89-6	Iron	16000		12/28/2024	0322
7439-92-1	Lead	270		12/28/2024	0322
7439-95-4	Magnesium	4400		12/28/2024	0322
7439-96-5	Manganese	1100		12/28/2024	0322
7440-02-0	Nickel	17		12/28/2024	0322
7440-09-7	Potassium	750		12/28/2024	0322
7782-49-2	Selenium	7.7	*	12/28/2024	0322
7440-22-4	Silver	0.95	U*	12/28/2024	0322
7440-23-5	Sodium	480	U	12/28/2024	0322
7440-28-0	Thallium	2.4	U*	12/28/2024	0322
7440-62-2	Vanadium	17		12/28/2024	0322
7440-66-6	Zinc	150	*	12/28/2024	0322

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

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MBHLP3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-04

% Solids: 82.4 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	7200		12/28/2024	0326
7440-36-0	Antimony	5.5	U*	12/28/2024	0326
7440-38-2	Arsenic	11		12/28/2024	0326
7440-39-3	Barium	83		12/28/2024	0326
7440-41-7	Beryllium	0.73		12/28/2024	0326
7440-43-9	Cadmium	0.43	J	12/28/2024	0326
7440-70-2	Calcium	11000		12/28/2024	0326
7440-47-3	Chromium	12		12/28/2024	0326
7440-48-4	Cobalt	10	*	12/28/2024	0326
7440-50-8	Copper	14		12/28/2024	0326
7439-89-6	Iron	15000		12/28/2024	0326
7439-92-1	Lead	130		12/28/2024	0326
7439-95-4	Magnesium	2800		12/28/2024	0326
7439-96-5	Manganese	590		12/28/2024	0326
7440-02-0	Nickel	12		12/28/2024	0326
7440-09-7	Potassium	420	J	12/28/2024	0326
7782-49-2	Selenium	7.5	*	12/28/2024	0326
7440-22-4	Silver	0.91	U*	12/28/2024	0326
7440-23-5	Sodium	460	U	12/28/2024	0326
7440-28-0	Thallium	2.3	U*	12/28/2024	0326
7440-62-2	Vanadium	18		12/28/2024	0326
7440-66-6	Zinc	82	*	12/28/2024	0326

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

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MBHLP4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-07

% Solids: 81.6 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	7400		12/28/2024	0342
7440-36-0	Antimony	1.2	J*	12/28/2024	0342
7440-38-2	Arsenic	14		12/28/2024	0342
7440-39-3	Barium	99		12/28/2024	0342
7440-41-7	Beryllium	0.81		12/28/2024	0342
7440-43-9	Cadmium	0.65		12/28/2024	0342
7440-70-2	Calcium	4100		12/28/2024	0342
7440-47-3	Chromium	10		12/28/2024	0342
7440-48-4	Cobalt	12	*	12/28/2024	0342
7440-50-8	Copper	18		12/28/2024	0342
7439-89-6	Iron	18000		12/28/2024	0342
7439-92-1	Lead	40		12/28/2024	0342
7439-95-4	Magnesium	2100		12/28/2024	0342
7439-96-5	Manganese	1400		12/28/2024	0342
7440-02-0	Nickel	15		12/28/2024	0342
7440-09-7	Potassium	340	J	12/28/2024	0342
7782-49-2	Selenium	10	*	12/28/2024	0342
7440-22-4	Silver	0.90	U*	12/28/2024	0342
7440-23-5	Sodium	450	U	12/28/2024	0342
7440-28-0	Thallium	2.2	U*	12/28/2024	0342
7440-62-2	Vanadium	19		12/28/2024	0342
7440-66-6	Zinc	39	*	12/28/2024	0342

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

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MBHLP5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-08

% 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	6700		12/28/2024	0345
7440-36-0	Antimony	5.5	U*	12/28/2024	0345
7440-38-2	Arsenic	11		12/28/2024	0345
7440-39-3	Barium	67		12/28/2024	0345
7440-41-7	Beryllium	0.71		12/28/2024	0345
7440-43-9	Cadmium	0.29	J	12/28/2024	0345
7440-70-2	Calcium	25000		12/28/2024	0345
7440-47-3	Chromium	9.8		12/28/2024	0345
7440-48-4	Cobalt	11	*	12/28/2024	0345
7440-50-8	Copper	19		12/28/2024	0345
7439-89-6	Iron	16000		12/28/2024	0345
7439-92-1	Lead	28		12/28/2024	0345
7439-95-4	Magnesium	6400		12/28/2024	0345
7439-96-5	Manganese	970		12/28/2024	0345
7440-02-0	Nickel	15		12/28/2024	0345
7440-09-7	Potassium	360	J	12/28/2024	0345
7782-49-2	Selenium	7.6	*	12/28/2024	0345
7440-22-4	Silver	0.91	U*	12/28/2024	0345
7440-23-5	Sodium	460	U	12/28/2024	0345
7440-28-0	Thallium	2.3	U*	12/28/2024	0345
7440-62-2	Vanadium	18		12/28/2024	0345
7440-66-6	Zinc	49	*	12/28/2024	0345

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

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MBHLP6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-09

% Solids: 85.7 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	3900		12/28/2024	0349
7440-36-0	Antimony	5.0	U*	12/28/2024	0349
7440-38-2	Arsenic	5.9		12/28/2024	0349
7440-39-3	Barium	100		12/28/2024	0349
7440-41-7	Beryllium	0.47		12/28/2024	0349
7440-43-9	Cadmium	0.24	J	12/28/2024	0349
7440-70-2	Calcium	140000	D	01/04/2025	0247
7440-47-3	Chromium	5.7		12/28/2024	0349
7440-48-4	Cobalt	11	*	12/28/2024	0349
7440-50-8	Copper	11		12/28/2024	0349
7439-89-6	Iron	9800		12/28/2024	0349
7439-92-1	Lead	25		12/28/2024	0349
7439-95-4	Magnesium	5700		12/28/2024	0349
7439-96-5	Manganese	940		12/28/2024	0349
7440-02-0	Nickel	13		12/28/2024	0349
7440-09-7	Potassium	900		12/28/2024	0349
7782-49-2	Selenium	2.0	J*	12/28/2024	0349
7440-22-4	Silver	0.84	U*	12/28/2024	0349
7440-23-5	Sodium	98	J	12/28/2024	0349
7440-28-0	Thallium	2.1	U*	12/28/2024	0349
7440-62-2	Vanadium	7.0		12/28/2024	0349
7440-66-6	Zinc	32	*	12/28/2024	0349

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

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MBHLR1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-10

% Solids: 75.3 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	6500		12/28/2024	0353
7440-36-0	Antimony	5.4	U*	12/28/2024	0353
7440-38-2	Arsenic	13		12/28/2024	0353
7440-39-3	Barium	150		12/28/2024	0353
7440-41-7	Beryllium	0.77		12/28/2024	0353
7440-43-9	Cadmium	1.2		12/28/2024	0353
7440-70-2	Calcium	24000		12/28/2024	0353
7440-47-3	Chromium	13		12/28/2024	0353
7440-48-4	Cobalt	10	*	12/28/2024	0353
7440-50-8	Copper	25		12/28/2024	0353
7439-89-6	Iron	14000		12/28/2024	0353
7439-92-1	Lead	160		12/28/2024	0353
7439-95-4	Magnesium	5300		12/28/2024	0353
7439-96-5	Manganese	460		12/28/2024	0353
7440-02-0	Nickel	20		12/28/2024	0353
7440-09-7	Potassium	1200		12/28/2024	0353
7782-49-2	Selenium	6.0	*	12/28/2024	0353
7440-22-4	Silver	0.90	U*	12/28/2024	0353
7440-23-5	Sodium	450	U	12/28/2024	0353
7440-28-0	Thallium	2.2	U*	12/28/2024	0353
7440-62-2	Vanadium	15		12/28/2024	0353
7440-66-6	Zinc	220	*	12/28/2024	0353

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

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MBHLR2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-11

% Solids: 81.4 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		12/28/2024	0357
7440-36-0	Antimony	5.8	U*	12/28/2024	0357
7440-38-2	Arsenic	14		12/28/2024	0357
7440-39-3	Barium	150		12/28/2024	0357
7440-41-7	Beryllium	0.76		12/28/2024	0357
7440-43-9	Cadmium	0.72		12/28/2024	0357
7440-70-2	Calcium	25000		12/28/2024	0357
7440-47-3	Chromium	13		12/28/2024	0357
7440-48-4	Cobalt	10	*	12/28/2024	0357
7440-50-8	Copper	26		12/28/2024	0357
7439-89-6	Iron	14000		12/28/2024	0357
7439-92-1	Lead	150		12/28/2024	0357
7439-95-4	Magnesium	5400		12/28/2024	0357
7439-96-5	Manganese	470		12/28/2024	0357
7440-02-0	Nickel	18		12/28/2024	0357
7440-09-7	Potassium	970		12/28/2024	0357
7782-49-2	Selenium	5.8	*	12/28/2024	0357
7440-22-4	Silver	0.96	U*	12/28/2024	0357
7440-23-5	Sodium	480	U	12/28/2024	0357
7440-28-0	Thallium	2.4	U*	12/28/2024	0357
7440-62-2	Vanadium	15		12/28/2024	0357
7440-66-6	Zinc	170	*	12/28/2024	0357

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

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MBHLR3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-12

% Solids: 86.3 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	6700		12/28/2024	0401
7440-36-0	Antimony	6.2	U*	12/28/2024	0401
7440-38-2	Arsenic	14		12/28/2024	0401
7440-39-3	Barium	140		12/28/2024	0401
7440-41-7	Beryllium	0.75		12/28/2024	0401
7440-43-9	Cadmium	0.56		12/28/2024	0401
7440-70-2	Calcium	43000		12/28/2024	0401
7440-47-3	Chromium	12		12/28/2024	0401
7440-48-4	Cobalt	11	*	12/28/2024	0401
7440-50-8	Copper	23		12/28/2024	0401
7439-89-6	Iron	14000		12/28/2024	0401
7439-92-1	Lead	98		12/28/2024	0401
7439-95-4	Magnesium	8100		12/28/2024	0401
7439-96-5	Manganese	600		12/28/2024	0401
7440-02-0	Nickel	15		12/28/2024	0401
7440-09-7	Potassium	670		12/28/2024	0401
7782-49-2	Selenium	5.3	*	12/28/2024	0401
7440-22-4	Silver	1.0	U*	12/28/2024	0401
7440-23-5	Sodium	520	U	12/28/2024	0401
7440-28-0	Thallium	2.6	U*	12/28/2024	0401
7440-62-2	Vanadium	16		12/28/2024	0401
7440-66-6	Zinc	100	*	12/28/2024	0401

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

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MBHLT4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-13

% Solids: 85 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	5400		12/28/2024	0405
7440-36-0	Antimony	5.7	U*	12/28/2024	0405
7440-38-2	Arsenic	12		12/28/2024	0405
7440-39-3	Barium	140		12/28/2024	0405
7440-41-7	Beryllium	0.68		12/28/2024	0405
7440-43-9	Cadmium	0.85		12/28/2024	0405
7440-70-2	Calcium	19000		12/28/2024	0405
7440-47-3	Chromium	14		12/28/2024	0405
7440-48-4	Cobalt	9.2	*	12/28/2024	0405
7440-50-8	Copper	28		12/28/2024	0405
7439-89-6	Iron	15000		12/28/2024	0405
7439-92-1	Lead	200		12/28/2024	0405
7439-95-4	Magnesium	4300		12/28/2024	0405
7439-96-5	Manganese	640		12/28/2024	0405
7440-02-0	Nickel	17		12/28/2024	0405
7440-09-7	Potassium	600		12/28/2024	0405
7782-49-2	Selenium	6.7	*	12/28/2024	0405
7440-22-4	Silver	0.95	U*	12/28/2024	0405
7440-23-5	Sodium	470	U	12/28/2024	0405
7440-28-0	Thallium	2.4	U*	12/28/2024	0405
7440-62-2	Vanadium	16		12/28/2024	0405
7440-66-6	Zinc	190	*	12/28/2024	0405

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLT5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-14

% Solids: 88.7 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	4800		12/28/2024	0408
7440-36-0	Antimony	4.8	U*	12/28/2024	0408
7440-38-2	Arsenic	11		12/28/2024	0408
7440-39-3	Barium	130		12/28/2024	0408
7440-41-7	Beryllium	0.63		12/28/2024	0408
7440-43-9	Cadmium	0.79		12/28/2024	0408
7440-70-2	Calcium	30000		12/28/2024	0408
7440-47-3	Chromium	11		12/28/2024	0408
7440-48-4	Cobalt	9.1	*	12/28/2024	0408
7440-50-8	Copper	26		12/28/2024	0408
7439-89-6	Iron	14000		12/28/2024	0408
7439-92-1	Lead	190		12/28/2024	0408
7439-95-4	Magnesium	4800		12/28/2024	0408
7439-96-5	Manganese	630		12/28/2024	0408
7440-02-0	Nickel	16		12/28/2024	0408
7440-09-7	Potassium	530		12/28/2024	0408
7782-49-2	Selenium	5.9	*	12/28/2024	0408
7440-22-4	Silver	0.80	U*	12/28/2024	0408
7440-23-5	Sodium	400	U	12/28/2024	0408
7440-28-0	Thallium	2.0	U*	12/28/2024	0408
7440-62-2	Vanadium	15		12/28/2024	0408
7440-66-6	Zinc	170	*	12/28/2024	0408

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLT6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-15

% Solids: 94.5 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	3200		12/28/2024	0412
7440-36-0	Antimony	4.8	U*	12/28/2024	0412
7440-38-2	Arsenic	7.5		12/28/2024	0412
7440-39-3	Barium	81		12/28/2024	0412
7440-41-7	Beryllium	0.47		12/28/2024	0412
7440-43-9	Cadmium	0.51		12/28/2024	0412
7440-70-2	Calcium	48000		12/28/2024	0412
7440-47-3	Chromium	10		12/28/2024	0412
7440-48-4	Cobalt	8.1	*	12/28/2024	0412
7440-50-8	Copper	18		12/28/2024	0412
7439-89-6	Iron	11000		12/28/2024	0412
7439-92-1	Lead	100		12/28/2024	0412
7439-95-4	Magnesium	7200		12/28/2024	0412
7439-96-5	Manganese	610		12/28/2024	0412
7440-02-0	Nickel	11		12/28/2024	0412
7440-09-7	Potassium	470		12/28/2024	0412
7782-49-2	Selenium	3.8	*	12/28/2024	0412
7440-22-4	Silver	0.80	U*	12/28/2024	0412
7440-23-5	Sodium	400	U	12/28/2024	0412
7440-28-0	Thallium	2.0	U*	12/28/2024	0412
7440-62-2	Vanadium	8.8		12/28/2024	0412
7440-66-6	Zinc	95	*	12/28/2024	0412

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLT7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-16

% Solids: 91.7 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	4100		12/28/2024	0416
7440-36-0	Antimony	5.4	U*	12/28/2024	0416
7440-38-2	Arsenic	9.0		12/28/2024	0416
7440-39-3	Barium	110		12/28/2024	0416
7440-41-7	Beryllium	0.56		12/28/2024	0416
7440-43-9	Cadmium	0.60		12/28/2024	0416
7440-70-2	Calcium	110000	D	01/04/2025	0251
7440-47-3	Chromium	10		12/28/2024	0416
7440-48-4	Cobalt	10	*	12/28/2024	0416
7440-50-8	Copper	25		12/28/2024	0416
7439-89-6	Iron	12000		12/28/2024	0416
7439-92-1	Lead	160		12/28/2024	0416
7439-95-4	Magnesium	15000		12/28/2024	0416
7439-96-5	Manganese	710		12/28/2024	0416
7440-02-0	Nickel	14		12/28/2024	0416
7440-09-7	Potassium	610		12/28/2024	0416
7782-49-2	Selenium	3.6	*	12/28/2024	0416
7440-22-4	Silver	0.89	U*	12/28/2024	0416
7440-23-5	Sodium	100	J	12/28/2024	0416
7440-28-0	Thallium	2.2	U*	12/28/2024	0416
7440-62-2	Vanadium	11		12/28/2024	0416
7440-66-6	Zinc	120	*	12/28/2024	0416

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLT8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-17

% Solids: 92.6 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	3700		12/28/2024	0420
7440-36-0	Antimony	5.2	U*	12/28/2024	0420
7440-38-2	Arsenic	7.1		12/28/2024	0420
7440-39-3	Barium	78		12/28/2024	0420
7440-41-7	Beryllium	0.44		12/28/2024	0420
7440-43-9	Cadmium	0.39	J	12/28/2024	0420
7440-70-2	Calcium	57000		12/28/2024	0420
7440-47-3	Chromium	8.8		12/28/2024	0420
7440-48-4	Cobalt	10	*	12/28/2024	0420
7440-50-8	Copper	19		12/28/2024	0420
7439-89-6	Iron	11000		12/28/2024	0420
7439-92-1	Lead	73		12/28/2024	0420
7439-95-4	Magnesium	8200		12/28/2024	0420
7439-96-5	Manganese	840		12/28/2024	0420
7440-02-0	Nickel	12		12/28/2024	0420
7440-09-7	Potassium	620		12/28/2024	0420
7782-49-2	Selenium	3.0	J*	12/28/2024	0420
7440-22-4	Silver	0.87	U*	12/28/2024	0420
7440-23-5	Sodium	440	U	12/28/2024	0420
7440-28-0	Thallium	2.2	U*	12/28/2024	0420
7440-62-2	Vanadium	9.5		12/28/2024	0420
7440-66-6	Zinc	66	*	12/28/2024	0420

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM38

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-18

% Solids: 86.9 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	5900		12/28/2024	0424
7440-36-0	Antimony	5.2	U*	12/28/2024	0424
7440-38-2	Arsenic	13		12/28/2024	0424
7440-39-3	Barium	110		12/28/2024	0424
7440-41-7	Beryllium	0.68		12/28/2024	0424
7440-43-9	Cadmium	0.47		12/28/2024	0424
7440-70-2	Calcium	39000		12/28/2024	0424
7440-47-3	Chromium	9.8		12/28/2024	0424
7440-48-4	Cobalt	9.3	*	12/28/2024	0424
7440-50-8	Copper	17		12/28/2024	0424
7439-89-6	Iron	13000		12/28/2024	0424
7439-92-1	Lead	82		12/28/2024	0424
7439-95-4	Magnesium	7300		12/28/2024	0424
7439-96-5	Manganese	440		12/28/2024	0424
7440-02-0	Nickel	13		12/28/2024	0424
7440-09-7	Potassium	570		12/28/2024	0424
7782-49-2	Selenium	4.8	*	12/28/2024	0424
7440-22-4	Silver	0.87	U*	12/28/2024	0424
7440-23-5	Sodium	440	U	12/28/2024	0424
7440-28-0	Thallium	2.2	U*	12/28/2024	0424
7440-62-2	Vanadium	14		12/28/2024	0424
7440-66-6	Zinc	87	*	12/28/2024	0424

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM39

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: SOIL Lab Sample ID: P5092-19

% Solids: 71.9 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	6900		12/28/2024	0427
7440-36-0	Antimony	6.0	U*	12/28/2024	0427
7440-38-2	Arsenic	9.7		12/28/2024	0427
7440-39-3	Barium	130		12/28/2024	0427
7440-41-7	Beryllium	0.80		12/28/2024	0427
7440-43-9	Cadmium	0.65		12/28/2024	0427
7440-70-2	Calcium	15000		12/28/2024	0427
7440-47-3	Chromium	13		12/28/2024	0427
7440-48-4	Cobalt	10	*	12/28/2024	0427
7440-50-8	Copper	24		12/28/2024	0427
7439-89-6	Iron	14000		12/28/2024	0427
7439-92-1	Lead	130		12/28/2024	0427
7439-95-4	Magnesium	4300		12/28/2024	0427
7439-96-5	Manganese	430		12/28/2024	0427
7440-02-0	Nickel	17		12/28/2024	0427
7440-09-7	Potassium	1400		12/28/2024	0427
7782-49-2	Selenium	6.3	*	12/28/2024	0427
7440-22-4	Silver	1.0	U*	12/28/2024	0427
7440-23-5	Sodium	500	U	12/28/2024	0427
7440-28-0	Thallium	2.5	U*	12/28/2024	0427
7440-62-2	Vanadium	17		12/28/2024	0427
7440-66-6	Zinc	160	*	12/28/2024	0427

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM40

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLP0

Matrix: Water Lab Sample ID: P5092-20

% Solids: Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	31	J	12/24/2024	0157
7440-36-0	Antimony	60	U	12/24/2024	0157
7440-38-2	Arsenic	10	U	12/24/2024	0157
7440-39-3	Barium	200	U	12/24/2024	0157
7440-41-7	Beryllium	5.0	U	12/24/2024	0157
7440-43-9	Cadmium	5.0	U	12/24/2024	0157
7440-70-2	Calcium	5000	U	12/24/2024	0157
7440-47-3	Chromium	10	U	12/24/2024	0157
7440-48-4	Cobalt	50	U	12/24/2024	0157
7440-50-8	Copper	25	U	12/24/2024	0157
7439-89-6	Iron	28	J	12/24/2024	0157
7439-92-1	Lead	10	U	12/24/2024	0157
7439-95-4	Magnesium	5000	U	12/24/2024	0157
7439-96-5	Manganese	2.0	J	12/24/2024	0157
7440-02-0	Nickel	40	U	12/24/2024	0157
7440-09-7	Potassium	5000	U	12/24/2024	0157
7782-49-2	Selenium	35	U	12/24/2024	0157
7440-22-4	Silver	10	U	12/24/2024	0157
7440-23-5	Sodium	5000	U	12/24/2024	0157
7440-28-0	Thallium	25	U	12/24/2024	0157
7440-62-2	Vanadium	11	J	12/24/2024	0157
7440-66-6	Zinc	60	U	12/24/2024	0157

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

Comments: