

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKX9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-01

% Solids: 76.6 Date Received: 12/03/2024

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	*	12/29/2024	1306
7440-36-0	Antimony	2.2	J	12/29/2024	1306
7440-38-2	Arsenic	12	*	12/29/2024	1306
7440-39-3	Barium	130		12/29/2024	1306
7440-41-7	Beryllium	1.3		12/29/2024	1306
7440-43-9	Cadmium	0.71		12/29/2024	1306
7440-70-2	Calcium	8400	*	12/29/2024	1306
7440-47-3	Chromium	11	*	12/29/2024	1306
7440-48-4	Cobalt	4.1	J*	12/29/2024	1306
7440-50-8	Copper	27	*	12/29/2024	1306
7439-89-6	Iron	16000	*	12/29/2024	1306
7439-92-1	Lead	140	*	12/29/2024	1306
7439-95-4	Magnesium	3000	*	12/29/2024	1306
7439-96-5	Manganese	610	*	12/29/2024	1306
7440-02-0	Nickel	17		12/29/2024	1306
7440-09-7	Potassium	870		12/29/2024	1306
7782-49-2	Selenium	7.7		12/29/2024	1306
7440-22-4	Silver	1.0	U*	12/29/2024	1306
7440-23-5	Sodium	510	U	12/29/2024	1306
7440-28-0	Thallium	2.6	U	12/29/2024	1306
7440-62-2	Vanadium	16		12/29/2024	1306
7440-66-6	Zinc	130	*	12/29/2024	1306

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

Comments:

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MBHKY0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-02

% Solids: 81.4 Date Received: 12/03/2024

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	*	12/29/2024	1310
7440-36-0	Antimony	1.7	J	12/29/2024	1310
7440-38-2	Arsenic	15	*	12/29/2024	1310
7440-39-3	Barium	160		12/29/2024	1310
7440-41-7	Beryllium	1.2		12/29/2024	1310
7440-43-9	Cadmium	0.77		12/29/2024	1310
7440-70-2	Calcium	9300	*	12/29/2024	1310
7440-47-3	Chromium	12	*	12/29/2024	1310
7440-48-4	Cobalt	5.4	J*	12/29/2024	1310
7440-50-8	Copper	27	*	12/29/2024	1310
7439-89-6	Iron	17000	*	12/29/2024	1310
7439-92-1	Lead	150	*	12/29/2024	1310
7439-95-4	Magnesium	3600	*	12/29/2024	1310
7439-96-5	Manganese	760	*	12/29/2024	1310
7440-02-0	Nickel	19		12/29/2024	1310
7440-09-7	Potassium	810		12/29/2024	1310
7782-49-2	Selenium	7.7		12/29/2024	1310
7440-22-4	Silver	1.1	U*	12/29/2024	1310
7440-23-5	Sodium	550	U	12/29/2024	1310
7440-28-0	Thallium	2.7	U	12/29/2024	1310
7440-62-2	Vanadium	19		12/29/2024	1310
7440-66-6	Zinc	150	*	12/29/2024	1310

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

Comments:

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MBHKY1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-03

% Solids: 85.1 Date Received: 12/03/2024

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	*	12/29/2024	1314
7440-36-0	Antimony	2.0	J	12/29/2024	1314
7440-38-2	Arsenic	13	*	12/29/2024	1314
7440-39-3	Barium	130		12/29/2024	1314
7440-41-7	Beryllium	1.2		12/29/2024	1314
7440-43-9	Cadmium	0.54		12/29/2024	1314
7440-70-2	Calcium	7500	*	12/29/2024	1314
7440-47-3	Chromium	11	*	12/29/2024	1314
7440-48-4	Cobalt	4.5	J*	12/29/2024	1314
7440-50-8	Copper	20	*	12/29/2024	1314
7439-89-6	Iron	16000	*	12/29/2024	1314
7439-92-1	Lead	110	*	12/29/2024	1314
7439-95-4	Magnesium	2800	*	12/29/2024	1314
7439-96-5	Manganese	590	*	12/29/2024	1314
7440-02-0	Nickel	15		12/29/2024	1314
7440-09-7	Potassium	650		12/29/2024	1314
7782-49-2	Selenium	7.2		12/29/2024	1314
7440-22-4	Silver	1.0	U*	12/29/2024	1314
7440-23-5	Sodium	500	U	12/29/2024	1314
7440-28-0	Thallium	2.5	U	12/29/2024	1314
7440-62-2	Vanadium	18		12/29/2024	1314
7440-66-6	Zinc	92	*	12/29/2024	1314

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

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MBHKY2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-04

% Solids: 89.3 Date Received: 12/03/2024

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	*	12/29/2024	1318
7440-36-0	Antimony	1.4	J	12/29/2024	1318
7440-38-2	Arsenic	8.3	*	12/29/2024	1318
7440-39-3	Barium	70		12/29/2024	1318
7440-41-7	Beryllium	0.98		12/29/2024	1318
7440-43-9	Cadmium	0.33	J	12/29/2024	1318
7440-70-2	Calcium	16000	*	12/29/2024	1318
7440-47-3	Chromium	8.7	*	12/29/2024	1318
7440-48-4	Cobalt	4.2	J*	12/29/2024	1318
7440-50-8	Copper	12	*	12/29/2024	1318
7439-89-6	Iron	15000	*	12/29/2024	1318
7439-92-1	Lead	23	*	12/29/2024	1318
7439-95-4	Magnesium	4200	*	12/29/2024	1318
7439-96-5	Manganese	480	*	12/29/2024	1318
7440-02-0	Nickel	11		12/29/2024	1318
7440-09-7	Potassium	280	J	12/29/2024	1318
7782-49-2	Selenium	6.5		12/29/2024	1318
7440-22-4	Silver	0.94	U*	12/29/2024	1318
7440-23-5	Sodium	470	U	12/29/2024	1318
7440-28-0	Thallium	2.4	U	12/29/2024	1318
7440-62-2	Vanadium	14		12/29/2024	1318
7440-66-6	Zinc	41	*	12/29/2024	1318

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

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MBHKY3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-05

% Solids: 92.2 Date Received: 12/03/2024

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	*	12/29/2024	1322
7440-36-0	Antimony	0.49	J	12/29/2024	1322
7440-38-2	Arsenic	6.9	*	12/29/2024	1322
7440-39-3	Barium	57		12/29/2024	1322
7440-41-7	Beryllium	0.87		12/29/2024	1322
7440-43-9	Cadmium	0.29	J	12/29/2024	1322
7440-70-2	Calcium	32000	*	12/29/2024	1322
7440-47-3	Chromium	7.5	*	12/29/2024	1322
7440-48-4	Cobalt	5.2	*	12/29/2024	1322
7440-50-8	Copper	13	*	12/29/2024	1322
7439-89-6	Iron	14000	*	12/29/2024	1322
7439-92-1	Lead	18	*	12/29/2024	1322
7439-95-4	Magnesium	8900	*	12/29/2024	1322
7439-96-5	Manganese	540	*	12/29/2024	1322
7440-02-0	Nickel	11		12/29/2024	1322
7440-09-7	Potassium	310	J	12/29/2024	1322
7782-49-2	Selenium	4.5		12/29/2024	1322
7440-22-4	Silver	0.90	U*	12/29/2024	1322
7440-23-5	Sodium	450	U	12/29/2024	1322
7440-28-0	Thallium	2.3	U	12/29/2024	1322
7440-62-2	Vanadium	12		12/29/2024	1322
7440-66-6	Zinc	39	*	12/29/2024	1322

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

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MBHKY4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9
 Matrix: SOIL Lab Sample ID: P5056-06
 % Solids: 94.3 Date Received: 12/03/2024
 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	*	12/29/2024	1326
7440-36-0	Antimony	5.7	U	12/29/2024	1326
7440-38-2	Arsenic	5.2	*	12/29/2024	1326
7440-39-3	Barium	44		12/29/2024	1326
7440-41-7	Beryllium	0.74		12/29/2024	1326
7440-43-9	Cadmium	0.25	J	12/29/2024	1326
7440-70-2	Calcium	42000	*	12/29/2024	1326
7440-47-3	Chromium	6.1	*	12/29/2024	1326
7440-48-4	Cobalt	5.6	*	12/29/2024	1326
7440-50-8	Copper	12	*	12/29/2024	1326
7439-89-6	Iron	12000	*	12/29/2024	1326
7439-92-1	Lead	12	*	12/29/2024	1326
7439-95-4	Magnesium	14000	*	12/29/2024	1326
7439-96-5	Manganese	520	*	12/29/2024	1326
7440-02-0	Nickel	10		12/29/2024	1326
7440-09-7	Potassium	230	J	12/29/2024	1326
7782-49-2	Selenium	3.0	J	12/29/2024	1326
7440-22-4	Silver	0.95	U*	12/29/2024	1326
7440-23-5	Sodium	470	U	12/29/2024	1326
7440-28-0	Thallium	2.4	U	12/29/2024	1326
7440-62-2	Vanadium	11		12/29/2024	1326
7440-66-6	Zinc	32	*	12/29/2024	1326

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

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MBHKY5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-07

% Solids: 92.5 Date Received: 12/03/2024

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	3100	*	12/29/2024	1329
7440-36-0	Antimony	0.55	J	12/29/2024	1329
7440-38-2	Arsenic	9.2	*	12/29/2024	1329
7440-39-3	Barium	27		12/29/2024	1329
7440-41-7	Beryllium	0.83		12/29/2024	1329
7440-43-9	Cadmium	0.34	J	12/29/2024	1329
7440-70-2	Calcium	110000	D*	01/03/2025	2220
7440-47-3	Chromium	5.8	*	12/29/2024	1329
7440-48-4	Cobalt	4.7	*	12/29/2024	1329
7440-50-8	Copper	15	*	12/29/2024	1329
7439-89-6	Iron	14000	*	12/29/2024	1329
7439-92-1	Lead	19	*	12/29/2024	1329
7439-95-4	Magnesium	21000	*	12/29/2024	1329
7439-96-5	Manganese	550	*	12/29/2024	1329
7440-02-0	Nickel	8.7		12/29/2024	1329
7440-09-7	Potassium	330	J	12/29/2024	1329
7782-49-2	Selenium	4.1		12/29/2024	1329
7440-22-4	Silver	0.89	U*	12/29/2024	1329
7440-23-5	Sodium	100	J	12/29/2024	1329
7440-28-0	Thallium	2.2	U	12/29/2024	1329
7440-62-2	Vanadium	13		12/29/2024	1329
7440-66-6	Zinc	42	*	12/29/2024	1329

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

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MBHL35

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-08

% Solids: 77.3 Date Received: 12/03/2024

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	*	12/29/2024	1333
7440-36-0	Antimony	2.0	J	12/29/2024	1333
7440-38-2	Arsenic	13	*	12/29/2024	1333
7440-39-3	Barium	75		12/29/2024	1333
7440-41-7	Beryllium	1.1		12/29/2024	1333
7440-43-9	Cadmium	0.56		12/29/2024	1333
7440-70-2	Calcium	4300	*	12/29/2024	1333
7440-47-3	Chromium	10	*	12/29/2024	1333
7440-48-4	Cobalt	4.3	J*	12/29/2024	1333
7440-50-8	Copper	21	*	12/29/2024	1333
7439-89-6	Iron	15000	*	12/29/2024	1333
7439-92-1	Lead	61	*	12/29/2024	1333
7439-95-4	Magnesium	1800	*	12/29/2024	1333
7439-96-5	Manganese	710	*	12/29/2024	1333
7440-02-0	Nickel	14		12/29/2024	1333
7440-09-7	Potassium	640		12/29/2024	1333
7782-49-2	Selenium	7.4		12/29/2024	1333
7440-22-4	Silver	1.1	U*	12/29/2024	1333
7440-23-5	Sodium	530	U	12/29/2024	1333
7440-28-0	Thallium	2.7	U	12/29/2024	1333
7440-62-2	Vanadium	15		12/29/2024	1333
7440-66-6	Zinc	68	*	12/29/2024	1333

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

Comments:

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MBHL36

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-09

% Solids: 72.5 Date Received: 12/03/2024

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	*	12/29/2024	1337
7440-36-0	Antimony	2.2	J	12/29/2024	1337
7440-38-2	Arsenic	16	*	12/29/2024	1337
7440-39-3	Barium	76		12/29/2024	1337
7440-41-7	Beryllium	1.3		12/29/2024	1337
7440-43-9	Cadmium	0.67		12/29/2024	1337
7440-70-2	Calcium	5100	*	12/29/2024	1337
7440-47-3	Chromium	11	*	12/29/2024	1337
7440-48-4	Cobalt	4.8	J*	12/29/2024	1337
7440-50-8	Copper	20	*	12/29/2024	1337
7439-89-6	Iron	17000	*	12/29/2024	1337
7439-92-1	Lead	61	*	12/29/2024	1337
7439-95-4	Magnesium	2100	*	12/29/2024	1337
7439-96-5	Manganese	740	*	12/29/2024	1337
7440-02-0	Nickel	16		12/29/2024	1337
7440-09-7	Potassium	650		12/29/2024	1337
7782-49-2	Selenium	9.0		12/29/2024	1337
7440-22-4	Silver	0.98	U*	12/29/2024	1337
7440-23-5	Sodium	490	U	12/29/2024	1337
7440-28-0	Thallium	2.5	U	12/29/2024	1337
7440-62-2	Vanadium	18		12/29/2024	1337
7440-66-6	Zinc	72	*	12/29/2024	1337

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

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MBHL37

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-10

% Solids: 83.1 Date Received: 12/03/2024

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	*	12/29/2024	1341
7440-36-0	Antimony	2.0	J	12/29/2024	1341
7440-38-2	Arsenic	13	*	12/29/2024	1341
7440-39-3	Barium	72		12/29/2024	1341
7440-41-7	Beryllium	1.2		12/29/2024	1341
7440-43-9	Cadmium	0.68		12/29/2024	1341
7440-70-2	Calcium	7000	*	12/29/2024	1341
7440-47-3	Chromium	10	*	12/29/2024	1341
7440-48-4	Cobalt	5.5	*	12/29/2024	1341
7440-50-8	Copper	18	*	12/29/2024	1341
7439-89-6	Iron	16000	*	12/29/2024	1341
7439-92-1	Lead	50	*	12/29/2024	1341
7439-95-4	Magnesium	2000	*	12/29/2024	1341
7439-96-5	Manganese	800	*	12/29/2024	1341
7440-02-0	Nickel	14		12/29/2024	1341
7440-09-7	Potassium	500		12/29/2024	1341
7782-49-2	Selenium	8.3		12/29/2024	1341
7440-22-4	Silver	0.97	U*	12/29/2024	1341
7440-23-5	Sodium	490	U	12/29/2024	1341
7440-28-0	Thallium	2.4	U	12/29/2024	1341
7440-62-2	Vanadium	16		12/29/2024	1341
7440-66-6	Zinc	57	*	12/29/2024	1341

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

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MBHL38

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-11

% Solids: 85.5 Date Received: 12/03/2024

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	*	12/29/2024	1353
7440-36-0	Antimony	1.5	J	12/29/2024	1353
7440-38-2	Arsenic	11	*	12/29/2024	1353
7440-39-3	Barium	75		12/29/2024	1353
7440-41-7	Beryllium	1.3		12/29/2024	1353
7440-43-9	Cadmium	0.64		12/29/2024	1353
7440-70-2	Calcium	17000	*	12/29/2024	1353
7440-47-3	Chromium	8.3	*	12/29/2024	1353
7440-48-4	Cobalt	6.1	*	12/29/2024	1353
7440-50-8	Copper	20	*	12/29/2024	1353
7439-89-6	Iron	17000	*	12/29/2024	1353
7439-92-1	Lead	30	*	12/29/2024	1353
7439-95-4	Magnesium	2100	*	12/29/2024	1353
7439-96-5	Manganese	820	*	12/29/2024	1353
7440-02-0	Nickel	13		12/29/2024	1353
7440-09-7	Potassium	290	J	12/29/2024	1353
7782-49-2	Selenium	6.8		12/29/2024	1353
7440-22-4	Silver	1.1	U*	12/29/2024	1353
7440-23-5	Sodium	530	U	12/29/2024	1353
7440-28-0	Thallium	2.6	U	12/29/2024	1353
7440-62-2	Vanadium	15		12/29/2024	1353
7440-66-6	Zinc	61	*	12/29/2024	1353

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL39

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9
 Matrix: SOIL Lab Sample ID: P5056-12
 % Solids: 86.2 Date Received: 12/03/2024
 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	5300	*	12/29/2024	1357
7440-36-0	Antimony	6.4	U	12/29/2024	1357
7440-38-2	Arsenic	5.3	*	12/29/2024	1357
7440-39-3	Barium	64		12/29/2024	1357
7440-41-7	Beryllium	0.88		12/29/2024	1357
7440-43-9	Cadmium	0.43	J	12/29/2024	1357
7440-70-2	Calcium	120000	D*	01/03/2025	2224
7440-47-3	Chromium	7.3	*	12/29/2024	1357
7440-48-4	Cobalt	6.4	*	12/29/2024	1357
7440-50-8	Copper	17	*	12/29/2024	1357
7439-89-6	Iron	11000	*	12/29/2024	1357
7439-92-1	Lead	21	*	12/29/2024	1357
7439-95-4	Magnesium	7000	*	12/29/2024	1357
7439-96-5	Manganese	670	*	12/29/2024	1357
7440-02-0	Nickel	10		12/29/2024	1357
7440-09-7	Potassium	460	J	12/29/2024	1357
7782-49-2	Selenium	1.3	J	12/29/2024	1357
7440-22-4	Silver	1.1	U*	12/29/2024	1357
7440-23-5	Sodium	540	U	12/29/2024	1357
7440-28-0	Thallium	0.95	J	12/29/2024	1357
7440-62-2	Vanadium	8.5		12/29/2024	1357
7440-66-6	Zinc	54	*	12/29/2024	1357

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL40

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-13

% Solids: 89.8 Date Received: 12/03/2024

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	*	12/29/2024	1401
7440-36-0	Antimony	5.7	U	12/29/2024	1401
7440-38-2	Arsenic	4.8	*	12/29/2024	1401
7440-39-3	Barium	62		12/29/2024	1401
7440-41-7	Beryllium	0.81		12/29/2024	1401
7440-43-9	Cadmium	0.42	J	12/29/2024	1401
7440-70-2	Calcium	150000	D*	01/03/2025	2228
7440-47-3	Chromium	6.4	*	12/29/2024	1401
7440-48-4	Cobalt	7.9	*	12/29/2024	1401
7440-50-8	Copper	26	*	12/29/2024	1401
7439-89-6	Iron	11000	*	12/29/2024	1401
7439-92-1	Lead	18	*	12/29/2024	1401
7439-95-4	Magnesium	13000	*	12/29/2024	1401
7439-96-5	Manganese	860	*	12/29/2024	1401
7440-02-0	Nickel	12		12/29/2024	1401
7440-09-7	Potassium	580		12/29/2024	1401
7782-49-2	Selenium	2.1	J	12/29/2024	1401
7440-22-4	Silver	0.94	U*	12/29/2024	1401
7440-23-5	Sodium	120	J	12/29/2024	1401
7440-28-0	Thallium	0.70	J	12/29/2024	1401
7440-62-2	Vanadium	8.0		12/29/2024	1401
7440-66-6	Zinc	36	*	12/29/2024	1401

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL41

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-14

% Solids: 91.9 Date Received: 12/03/2024

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	*	12/29/2024	1405
7440-36-0	Antimony	5.5	U	12/29/2024	1405
7440-38-2	Arsenic	16	*	12/29/2024	1405
7440-39-3	Barium	52		12/29/2024	1405
7440-41-7	Beryllium	0.70		12/29/2024	1405
7440-43-9	Cadmium	0.40	J	12/29/2024	1405
7440-70-2	Calcium	130000	D*	01/03/2025	2232
7440-47-3	Chromium	6.2	*	12/29/2024	1405
7440-48-4	Cobalt	12	*	12/29/2024	1405
7440-50-8	Copper	30	*	12/29/2024	1405
7439-89-6	Iron	12000	*	12/29/2024	1405
7439-92-1	Lead	25	*	12/29/2024	1405
7439-95-4	Magnesium	14000	*	12/29/2024	1405
7439-96-5	Manganese	1200	*	12/29/2024	1405
7440-02-0	Nickel	14		12/29/2024	1405
7440-09-7	Potassium	330	J	12/29/2024	1405
7782-49-2	Selenium	2.8	J	12/29/2024	1405
7440-22-4	Silver	0.089	J*	12/29/2024	1405
7440-23-5	Sodium	130	J	12/29/2024	1405
7440-28-0	Thallium	1.3	J	12/29/2024	1405
7440-62-2	Vanadium	8.9		12/29/2024	1405
7440-66-6	Zinc	41	*	12/29/2024	1405

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL42

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-15

% Solids: 62.9 Date Received: 12/03/2024

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	3500	*	12/29/2024	1408
7440-36-0	Antimony	7.2	U	12/29/2024	1408
7440-38-2	Arsenic	4.9	*	12/29/2024	1408
7440-39-3	Barium	85		12/29/2024	1408
7440-41-7	Beryllium	0.65		12/29/2024	1408
7440-43-9	Cadmium	0.53	J	12/29/2024	1408
7440-70-2	Calcium	75000	*	12/29/2024	1408
7440-47-3	Chromium	8.5	*	12/29/2024	1408
7440-48-4	Cobalt	6.1	*	12/29/2024	1408
7440-50-8	Copper	15	*	12/29/2024	1408
7439-89-6	Iron	9700	*	12/29/2024	1408
7439-92-1	Lead	50	*	12/29/2024	1408
7439-95-4	Magnesium	25000	*	12/29/2024	1408
7439-96-5	Manganese	800	*	12/29/2024	1408
7440-02-0	Nickel	9.9		12/29/2024	1408
7440-09-7	Potassium	590	J	12/29/2024	1408
7782-49-2	Selenium	1.5	J	12/29/2024	1408
7440-22-4	Silver	1.2	U*	12/29/2024	1408
7440-23-5	Sodium	600	U	12/29/2024	1408
7440-28-0	Thallium	2.2	J	12/29/2024	1408
7440-62-2	Vanadium	9.0		12/29/2024	1408
7440-66-6	Zinc	75	*	12/29/2024	1408

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL43

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-16

% Solids: 79.4 Date Received: 12/03/2024

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	*	12/29/2024	1412
7440-36-0	Antimony	6.4	U	12/29/2024	1412
7440-38-2	Arsenic	8.7	*	12/29/2024	1412
7440-39-3	Barium	94		12/29/2024	1412
7440-41-7	Beryllium	0.98		12/29/2024	1412
7440-43-9	Cadmium	1.7		12/29/2024	1412
7440-70-2	Calcium	57000	*	12/29/2024	1412
7440-47-3	Chromium	11	*	12/29/2024	1412
7440-48-4	Cobalt	5.9	*	12/29/2024	1412
7440-50-8	Copper	21	*	12/29/2024	1412
7439-89-6	Iron	14000	*	12/29/2024	1412
7439-92-1	Lead	81	*	12/29/2024	1412
7439-95-4	Magnesium	30000	*	12/29/2024	1412
7439-96-5	Manganese	970	*	12/29/2024	1412
7440-02-0	Nickel	16		12/29/2024	1412
7440-09-7	Potassium	520	J	12/29/2024	1412
7782-49-2	Selenium	4.6		12/29/2024	1412
7440-22-4	Silver	1.1	U*	12/29/2024	1412
7440-23-5	Sodium	530	U	12/29/2024	1412
7440-28-0	Thallium	2.7	U	12/29/2024	1412
7440-62-2	Vanadium	13		12/29/2024	1412
7440-66-6	Zinc	340	*	12/29/2024	1412

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL44

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-17

% Solids: 81 Date Received: 12/03/2024

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	*	12/29/2024	1416
7440-36-0	Antimony	2.4	J	12/29/2024	1416
7440-38-2	Arsenic	18	*	12/29/2024	1416
7440-39-3	Barium	160		12/29/2024	1416
7440-41-7	Beryllium	1.4		12/29/2024	1416
7440-43-9	Cadmium	1.2		12/29/2024	1416
7440-70-2	Calcium	11000	*	12/29/2024	1416
7440-47-3	Chromium	15	*	12/29/2024	1416
7440-48-4	Cobalt	6.3	*	12/29/2024	1416
7440-50-8	Copper	30	*	12/29/2024	1416
7439-89-6	Iron	19000	*	12/29/2024	1416
7439-92-1	Lead	170	*	12/29/2024	1416
7439-95-4	Magnesium	5100	*	12/29/2024	1416
7439-96-5	Manganese	1600	*	12/29/2024	1416
7440-02-0	Nickel	25		12/29/2024	1416
7440-09-7	Potassium	590		12/29/2024	1416
7782-49-2	Selenium	11		12/29/2024	1416
7440-22-4	Silver	1.1	U*	12/29/2024	1416
7440-23-5	Sodium	540	U	12/29/2024	1416
7440-28-0	Thallium	2.7	U	12/29/2024	1416
7440-62-2	Vanadium	20		12/29/2024	1416
7440-66-6	Zinc	120	*	12/29/2024	1416

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL45

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-18

% Solids: 85.6 Date Received: 12/03/2024

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	*	12/29/2024	1420
7440-36-0	Antimony	2.3	J	12/29/2024	1420
7440-38-2	Arsenic	12	*	12/29/2024	1420
7440-39-3	Barium	180		12/29/2024	1420
7440-41-7	Beryllium	1.2		12/29/2024	1420
7440-43-9	Cadmium	0.78		12/29/2024	1420
7440-70-2	Calcium	11000	*	12/29/2024	1420
7440-47-3	Chromium	12	*	12/29/2024	1420
7440-48-4	Cobalt	6.3	*	12/29/2024	1420
7440-50-8	Copper	15	*	12/29/2024	1420
7439-89-6	Iron	18000	*	12/29/2024	1420
7439-92-1	Lead	71	*	12/29/2024	1420
7439-95-4	Magnesium	3600	*	12/29/2024	1420
7439-96-5	Manganese	1900	*	12/29/2024	1420
7440-02-0	Nickel	19		12/29/2024	1420
7440-09-7	Potassium	370	J	12/29/2024	1420
7782-49-2	Selenium	9.6		12/29/2024	1420
7440-22-4	Silver	0.97	U*	12/29/2024	1420
7440-23-5	Sodium	480	U	12/29/2024	1420
7440-28-0	Thallium	2.4	U	12/29/2024	1420
7440-62-2	Vanadium	17		12/29/2024	1420
7440-66-6	Zinc	70	*	12/29/2024	1420

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL46

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-19

% Solids: 91.8 Date Received: 12/03/2024

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	*	12/29/2024	1424
7440-36-0	Antimony	0.92	J	12/29/2024	1424
7440-38-2	Arsenic	7.0	*	12/29/2024	1424
7440-39-3	Barium	92		12/29/2024	1424
7440-41-7	Beryllium	1.1		12/29/2024	1424
7440-43-9	Cadmium	0.36	J	12/29/2024	1424
7440-70-2	Calcium	52000	*	12/29/2024	1424
7440-47-3	Chromium	9.5	*	12/29/2024	1424
7440-48-4	Cobalt	6.1	*	12/29/2024	1424
7440-50-8	Copper	10	*	12/29/2024	1424
7439-89-6	Iron	15000	*	12/29/2024	1424
7439-92-1	Lead	25	*	12/29/2024	1424
7439-95-4	Magnesium	6400	*	12/29/2024	1424
7439-96-5	Manganese	610	*	12/29/2024	1424
7440-02-0	Nickel	15		12/29/2024	1424
7440-09-7	Potassium	300	J	12/29/2024	1424
7782-49-2	Selenium	5.1		12/29/2024	1424
7440-22-4	Silver	1.0	U*	12/29/2024	1424
7440-23-5	Sodium	500	U	12/29/2024	1424
7440-28-0	Thallium	2.5	U	12/29/2024	1424
7440-62-2	Vanadium	14		12/29/2024	1424
7440-66-6	Zinc	37	*	12/29/2024	1424

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL47

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Matrix: SOIL Lab Sample ID: P5056-20

% Solids: 94.3 Date Received: 12/03/2024

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	*	01/03/2025	2157
7440-36-0	Antimony	2.1	J	01/03/2025	2157
7440-38-2	Arsenic	4.5	*	01/03/2025	2157
7440-39-3	Barium	50		01/03/2025	2157
7440-41-7	Beryllium	0.35	J	01/03/2025	2157
7440-43-9	Cadmium	0.22	J	01/03/2025	2157
7440-70-2	Calcium	68000	D*	01/05/2025	1850
7440-47-3	Chromium	6.4	*	01/03/2025	2157
7440-48-4	Cobalt	8.7	*	01/03/2025	2157
7440-50-8	Copper	12	*	01/03/2025	2157
7439-89-6	Iron	11000	*	01/03/2025	2157
7439-92-1	Lead	24	*	01/03/2025	2157
7439-95-4	Magnesium	15000	*	01/03/2025	2157
7439-96-5	Manganese	650	*	01/03/2025	2157
7440-02-0	Nickel	13		01/03/2025	2157
7440-09-7	Potassium	540		01/03/2025	2157
7782-49-2	Selenium	2.6	J	01/03/2025	2157
7440-22-4	Silver	0.77	U*	01/03/2025	2157
7440-23-5	Sodium	98	J	01/03/2025	2157
7440-28-0	Thallium	1.9	U	01/03/2025	2157
7440-62-2	Vanadium	9.2		01/03/2025	2157
7440-66-6	Zinc	35	*	01/03/2025	2157

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

Comments: