

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK41

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-01

% Solids: 82.5 Date Received: 11/27/2024

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		12/29/2024	0315
7440-36-0	Antimony	6.9		12/29/2024	0315
7440-38-2	Arsenic	14	*	12/29/2024	0315
7440-39-3	Barium	100		12/29/2024	0315
7440-41-7	Beryllium	2.3	*	12/29/2024	0315
7440-43-9	Cadmium	0.76		12/29/2024	0315
7440-70-2	Calcium	11000		12/29/2024	0315
7440-47-3	Chromium	12		12/29/2024	0315
7440-48-4	Cobalt	4.8	U*	12/29/2024	0315
7440-50-8	Copper	17		12/29/2024	0315
7439-89-6	Iron	37000	*	12/29/2024	0315
7439-92-1	Lead	170		12/29/2024	0315
7439-95-4	Magnesium	4900		12/29/2024	0315
7439-96-5	Manganese	940	*	12/29/2024	0315
7440-02-0	Nickel	20		12/29/2024	0315
7440-09-7	Potassium	1100		12/29/2024	0315
7782-49-2	Selenium	21		12/29/2024	0315
7440-22-4	Silver	0.26	J*	12/29/2024	0315
7440-23-5	Sodium	480	U	12/29/2024	0315
7440-28-0	Thallium	2.4	U*	12/29/2024	0315
7440-62-2	Vanadium	24		12/29/2024	0315
7440-66-6	Zinc	84	*	12/29/2024	0315

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

Comments:

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MBHK42

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-02

% Solids: 84.5 Date Received: 11/27/2024

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	8300		12/29/2024	0319
7440-36-0	Antimony	2.0	J	12/29/2024	0319
7440-38-2	Arsenic	14	*	12/29/2024	0319
7440-39-3	Barium	110		12/29/2024	0319
7440-41-7	Beryllium	1.3	*	12/29/2024	0319
7440-43-9	Cadmium	0.80		12/29/2024	0319
7440-70-2	Calcium	11000		12/29/2024	0319
7440-47-3	Chromium	14		12/29/2024	0319
7440-48-4	Cobalt	5.9	*	12/29/2024	0319
7440-50-8	Copper	27		12/29/2024	0319
7439-89-6	Iron	18000	*	12/29/2024	0319
7439-92-1	Lead	290		12/29/2024	0319
7439-95-4	Magnesium	4600		12/29/2024	0319
7439-96-5	Manganese	1100	*	12/29/2024	0319
7440-02-0	Nickel	23		12/29/2024	0319
7440-09-7	Potassium	1000		12/29/2024	0319
7782-49-2	Selenium	9.5		12/29/2024	0319
7440-22-4	Silver	0.21	J*	12/29/2024	0319
7440-23-5	Sodium	450	U	12/29/2024	0319
7440-28-0	Thallium	2.2	U*	12/29/2024	0319
7440-62-2	Vanadium	19		12/29/2024	0319
7440-66-6	Zinc	110	*	12/29/2024	0319

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

Comments:

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MBHK43

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-03

% Solids: 87.7 Date Received: 11/27/2024

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		12/29/2024	0323
7440-36-0	Antimony	2.1	J	12/29/2024	0323
7440-38-2	Arsenic	18	*	12/29/2024	0323
7440-39-3	Barium	110		12/29/2024	0323
7440-41-7	Beryllium	1.2	*	12/29/2024	0323
7440-43-9	Cadmium	1.0		12/29/2024	0323
7440-70-2	Calcium	8400		12/29/2024	0323
7440-47-3	Chromium	12		12/29/2024	0323
7440-48-4	Cobalt	6.4	*	12/29/2024	0323
7440-50-8	Copper	38		12/29/2024	0323
7439-89-6	Iron	17000	*	12/29/2024	0323
7439-92-1	Lead	420		12/29/2024	0323
7439-95-4	Magnesium	3100		12/29/2024	0323
7439-96-5	Manganese	1200	*	12/29/2024	0323
7440-02-0	Nickel	25		12/29/2024	0323
7440-09-7	Potassium	830		12/29/2024	0323
7782-49-2	Selenium	9.3		12/29/2024	0323
7440-22-4	Silver	0.35	J*	12/29/2024	0323
7440-23-5	Sodium	430	U	12/29/2024	0323
7440-28-0	Thallium	2.1	U*	12/29/2024	0323
7440-62-2	Vanadium	18		12/29/2024	0323
7440-66-6	Zinc	130	*	12/29/2024	0323

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

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MBHK44

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-04

% Solids: 89 Date Received: 11/27/2024

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	0327
7440-36-0	Antimony	2.8	J	12/29/2024	0327
7440-38-2	Arsenic	21	*	12/29/2024	0327
7440-39-3	Barium	100		12/29/2024	0327
7440-41-7	Beryllium	1.3	*	12/29/2024	0327
7440-43-9	Cadmium	1.1		12/29/2024	0327
7440-70-2	Calcium	7400		12/29/2024	0327
7440-47-3	Chromium	13		12/29/2024	0327
7440-48-4	Cobalt	6.4	*	12/29/2024	0327
7440-50-8	Copper	39		12/29/2024	0327
7439-89-6	Iron	19000	*	12/29/2024	0327
7439-92-1	Lead	400		12/29/2024	0327
7439-95-4	Magnesium	2600		12/29/2024	0327
7439-96-5	Manganese	1300	*	12/29/2024	0327
7440-02-0	Nickel	24		12/29/2024	0327
7440-09-7	Potassium	660		12/29/2024	0327
7782-49-2	Selenium	11		12/29/2024	0327
7440-22-4	Silver	0.45	J*	12/29/2024	0327
7440-23-5	Sodium	390	U	12/29/2024	0327
7440-28-0	Thallium	2.0	U*	12/29/2024	0327
7440-62-2	Vanadium	18		12/29/2024	0327
7440-66-6	Zinc	110	*	12/29/2024	0327

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

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MBHK45

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-07

% Solids: 93 Date Received: 11/27/2024

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		12/29/2024	0350
7440-36-0	Antimony	2.1	J	12/29/2024	0350
7440-38-2	Arsenic	18	*	12/29/2024	0350
7440-39-3	Barium	90		12/29/2024	0350
7440-41-7	Beryllium	1.2	*	12/29/2024	0350
7440-43-9	Cadmium	0.93		12/29/2024	0350
7440-70-2	Calcium	7900		12/29/2024	0350
7440-47-3	Chromium	11		12/29/2024	0350
7440-48-4	Cobalt	7.1	*	12/29/2024	0350
7440-50-8	Copper	27		12/29/2024	0350
7439-89-6	Iron	17000	*	12/29/2024	0350
7439-92-1	Lead	270		12/29/2024	0350
7439-95-4	Magnesium	2600		12/29/2024	0350
7439-96-5	Manganese	1300	*	12/29/2024	0350
7440-02-0	Nickel	20		12/29/2024	0350
7440-09-7	Potassium	660		12/29/2024	0350
7782-49-2	Selenium	8.9		12/29/2024	0350
7440-22-4	Silver	0.23	J*	12/29/2024	0350
7440-23-5	Sodium	410	U	12/29/2024	0350
7440-28-0	Thallium	2.0	U*	12/29/2024	0350
7440-62-2	Vanadium	17		12/29/2024	0350
7440-66-6	Zinc	89	*	12/29/2024	0350

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

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MBHK46

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-08

% Solids: 90.2 Date Received: 11/27/2024

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		12/29/2024	0354
7440-36-0	Antimony	2.2	J	12/29/2024	0354
7440-38-2	Arsenic	19	*	12/29/2024	0354
7440-39-3	Barium	100		12/29/2024	0354
7440-41-7	Beryllium	1.4	*	12/29/2024	0354
7440-43-9	Cadmium	0.80		12/29/2024	0354
7440-70-2	Calcium	13000		12/29/2024	0354
7440-47-3	Chromium	11		12/29/2024	0354
7440-48-4	Cobalt	6.4	*	12/29/2024	0354
7440-50-8	Copper	30		12/29/2024	0354
7439-89-6	Iron	19000	*	12/29/2024	0354
7439-92-1	Lead	200		12/29/2024	0354
7439-95-4	Magnesium	3300		12/29/2024	0354
7439-96-5	Manganese	1100	*	12/29/2024	0354
7440-02-0	Nickel	19		12/29/2024	0354
7440-09-7	Potassium	850		12/29/2024	0354
7782-49-2	Selenium	9.7		12/29/2024	0354
7440-22-4	Silver	0.31	J*	12/29/2024	0354
7440-23-5	Sodium	470	U	12/29/2024	0354
7440-28-0	Thallium	2.4	U*	12/29/2024	0354
7440-62-2	Vanadium	18		12/29/2024	0354
7440-66-6	Zinc	89	*	12/29/2024	0354

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

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MBHK47

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-09

% Solids: 90.1 Date Received: 11/27/2024

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		12/29/2024	0358
7440-36-0	Antimony	1.7	J	12/29/2024	0358
7440-38-2	Arsenic	16	*	12/29/2024	0358
7440-39-3	Barium	94		12/29/2024	0358
7440-41-7	Beryllium	1.3	*	12/29/2024	0358
7440-43-9	Cadmium	0.66		12/29/2024	0358
7440-70-2	Calcium	17000		12/29/2024	0358
7440-47-3	Chromium	9.8		12/29/2024	0358
7440-48-4	Cobalt	7.5	*	12/29/2024	0358
7440-50-8	Copper	26		12/29/2024	0358
7439-89-6	Iron	17000	*	12/29/2024	0358
7439-92-1	Lead	130		12/29/2024	0358
7439-95-4	Magnesium	3500		12/29/2024	0358
7439-96-5	Manganese	1200	*	12/29/2024	0358
7440-02-0	Nickel	17		12/29/2024	0358
7440-09-7	Potassium	860		12/29/2024	0358
7782-49-2	Selenium	8.7		12/29/2024	0358
7440-22-4	Silver	0.22	J*	12/29/2024	0358
7440-23-5	Sodium	460	U	12/29/2024	0358
7440-28-0	Thallium	2.3	U*	12/29/2024	0358
7440-62-2	Vanadium	16		12/29/2024	0358
7440-66-6	Zinc	70	*	12/29/2024	0358

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

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MBHK48

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-10

% Solids: 95.7 Date Received: 11/27/2024

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	2700		12/29/2024	0402
7440-36-0	Antimony	6.2	U	12/29/2024	0402
7440-38-2	Arsenic	3.3	*	12/29/2024	0402
7440-39-3	Barium	7.7	J	12/29/2024	0402
7440-41-7	Beryllium	0.63	*	12/29/2024	0402
7440-43-9	Cadmium	0.26	J	12/29/2024	0402
7440-70-2	Calcium	140000	D	12/30/2024	2021
7440-47-3	Chromium	5.6		12/29/2024	0402
7440-48-4	Cobalt	7.8	*	12/29/2024	0402
7440-50-8	Copper	5.1		12/29/2024	0402
7439-89-6	Iron	8500	*	12/29/2024	0402
7439-92-1	Lead	23		12/29/2024	0402
7439-95-4	Magnesium	69000		12/29/2024	0402
7439-96-5	Manganese	530	*	12/29/2024	0402
7440-02-0	Nickel	10		12/29/2024	0402
7440-09-7	Potassium	1600		12/29/2024	0402
7782-49-2	Selenium	3.6	U	12/29/2024	0402
7440-22-4	Silver	0.16	J*	12/29/2024	0402
7440-23-5	Sodium	180	J	12/29/2024	0402
7440-28-0	Thallium	1.5	J*	12/29/2024	0402
7440-62-2	Vanadium	5.3		12/29/2024	0402
7440-66-6	Zinc	51	*	12/29/2024	0402

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

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MBHK49

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-11

% Solids: 93.1 Date Received: 11/27/2024

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	1900		12/29/2024	0406
7440-36-0	Antimony	5.1	U	12/29/2024	0406
7440-38-2	Arsenic	2.8	*	12/29/2024	0406
7440-39-3	Barium	13	J	12/29/2024	0406
7440-41-7	Beryllium	0.52	*	12/29/2024	0406
7440-43-9	Cadmium	0.79		12/29/2024	0406
7440-70-2	Calcium	170000	D	12/31/2024	1344
7440-47-3	Chromium	6.3		12/29/2024	0406
7440-48-4	Cobalt	6.0	*	12/29/2024	0406
7440-50-8	Copper	5.1		12/29/2024	0406
7439-89-6	Iron	8000	*	12/29/2024	0406
7439-92-1	Lead	69		12/29/2024	0406
7439-95-4	Magnesium	92000	D	12/30/2024	2025
7439-96-5	Manganese	540	*	12/29/2024	0406
7440-02-0	Nickel	8.0		12/29/2024	0406
7440-09-7	Potassium	1000		12/29/2024	0406
7782-49-2	Selenium	3.0	U	12/29/2024	0406
7440-22-4	Silver	0.085	J*	12/29/2024	0406
7440-23-5	Sodium	200	J	12/29/2024	0406
7440-28-0	Thallium	1.8	J*	12/29/2024	0406
7440-62-2	Vanadium	3.5	J	12/29/2024	0406
7440-66-6	Zinc	180	*	12/29/2024	0406

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

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MBHK50

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-12

% Solids: 96.1 Date Received: 11/27/2024

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	1200		12/29/2024	0410
7440-36-0	Antimony	4.7	U	12/29/2024	0410
7440-38-2	Arsenic	3.3	*	12/29/2024	0410
7440-39-3	Barium	13	J	12/29/2024	0410
7440-41-7	Beryllium	0.53	*	12/29/2024	0410
7440-43-9	Cadmium	2.4		12/29/2024	0410
7440-70-2	Calcium	200000	D	12/31/2024	1352
7440-47-3	Chromium	3.8		12/29/2024	0410
7440-48-4	Cobalt	4.6	*	12/29/2024	0410
7440-50-8	Copper	2.6		12/29/2024	0410
7439-89-6	Iron	9600	*	12/29/2024	0410
7439-92-1	Lead	210		12/29/2024	0410
7439-95-4	Magnesium	100000	D	12/30/2024	2029
7439-96-5	Manganese	610	*	12/29/2024	0410
7440-02-0	Nickel	7.0		12/29/2024	0410
7440-09-7	Potassium	720		12/29/2024	0410
7782-49-2	Selenium	2.8	U	12/29/2024	0410
7440-22-4	Silver	0.15	J*	12/29/2024	0410
7440-23-5	Sodium	210	J	12/29/2024	0410
7440-28-0	Thallium	1.1	J*	12/29/2024	0410
7440-62-2	Vanadium	4.4		12/29/2024	0410
7440-66-6	Zinc	440	*	12/29/2024	0410

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

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MBHKC4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-13

% Solids: 83.2 Date Received: 11/27/2024

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	9400		12/29/2024	0414
7440-36-0	Antimony	4.3	J	12/29/2024	0414
7440-38-2	Arsenic	24	*	12/29/2024	0414
7440-39-3	Barium	67		12/29/2024	0414
7440-41-7	Beryllium	1.6	*	12/29/2024	0414
7440-43-9	Cadmium	0.50	J	12/29/2024	0414
7440-70-2	Calcium	3100		12/29/2024	0414
7440-47-3	Chromium	13		12/29/2024	0414
7440-48-4	Cobalt	10	*	12/29/2024	0414
7440-50-8	Copper	41		12/29/2024	0414
7439-89-6	Iron	24000	*	12/29/2024	0414
7439-92-1	Lead	67		12/29/2024	0414
7439-95-4	Magnesium	2200		12/29/2024	0414
7439-96-5	Manganese	2200	*	12/29/2024	0414
7440-02-0	Nickel	20		12/29/2024	0414
7440-09-7	Potassium	820		12/29/2024	0414
7782-49-2	Selenium	14		12/29/2024	0414
7440-22-4	Silver	0.16	J*	12/29/2024	0414
7440-23-5	Sodium	530	U	12/29/2024	0414
7440-28-0	Thallium	2.7	U*	12/29/2024	0414
7440-62-2	Vanadium	18		12/29/2024	0414
7440-66-6	Zinc	67	*	12/29/2024	0414

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-14

% Solids: 74.8 Date Received: 11/27/2024

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	8500		12/29/2024	0418
7440-36-0	Antimony	2.4	J	12/29/2024	0418
7440-38-2	Arsenic	14	*	12/29/2024	0418
7440-39-3	Barium	370		12/29/2024	0418
7440-41-7	Beryllium	1.4	*	12/29/2024	0418
7440-43-9	Cadmium	2.0		12/29/2024	0418
7440-70-2	Calcium	8900		12/29/2024	0418
7440-47-3	Chromium	25		12/29/2024	0418
7440-48-4	Cobalt	5.9	*	12/29/2024	0418
7440-50-8	Copper	80		12/29/2024	0418
7439-89-6	Iron	18000	*	12/29/2024	0418
7439-92-1	Lead	740		12/29/2024	0418
7439-95-4	Magnesium	2700		12/29/2024	0418
7439-96-5	Manganese	720	*	12/29/2024	0418
7440-02-0	Nickel	26		12/29/2024	0418
7440-09-7	Potassium	830		12/29/2024	0418
7782-49-2	Selenium	9.4		12/29/2024	0418
7440-22-4	Silver	0.54	J*	12/29/2024	0418
7440-23-5	Sodium	550	U	12/29/2024	0418
7440-28-0	Thallium	2.7	U*	12/29/2024	0418
7440-62-2	Vanadium	23		12/29/2024	0418
7440-66-6	Zinc	520	*	12/29/2024	0418

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-15

% Solids: 81.8 Date Received: 11/27/2024

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	0422
7440-36-0	Antimony	4.1	J	12/29/2024	0422
7440-38-2	Arsenic	21	*	12/29/2024	0422
7440-39-3	Barium	420		12/29/2024	0422
7440-41-7	Beryllium	1.7	*	12/29/2024	0422
7440-43-9	Cadmium	2.4		12/29/2024	0422
7440-70-2	Calcium	11000		12/29/2024	0422
7440-47-3	Chromium	22		12/29/2024	0422
7440-48-4	Cobalt	4.1	J*	12/29/2024	0422
7440-50-8	Copper	87		12/29/2024	0422
7439-89-6	Iron	24000	*	12/29/2024	0422
7439-92-1	Lead	820		12/29/2024	0422
7439-95-4	Magnesium	2500		12/29/2024	0422
7439-96-5	Manganese	720	*	12/29/2024	0422
7440-02-0	Nickel	27		12/29/2024	0422
7440-09-7	Potassium	770		12/29/2024	0422
7782-49-2	Selenium	13		12/29/2024	0422
7440-22-4	Silver	0.56	J*	12/29/2024	0422
7440-23-5	Sodium	130	J	12/29/2024	0422
7440-28-0	Thallium	2.4	U*	12/29/2024	0422
7440-62-2	Vanadium	25		12/29/2024	0422
7440-66-6	Zinc	590	*	12/29/2024	0422

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-16

% Solids: 83.5 Date Received: 11/27/2024

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	8700		12/29/2024	0426
7440-36-0	Antimony	2.5	J	12/29/2024	0426
7440-38-2	Arsenic	15	*	12/29/2024	0426
7440-39-3	Barium	210		12/29/2024	0426
7440-41-7	Beryllium	1.3	*	12/29/2024	0426
7440-43-9	Cadmium	1.2		12/29/2024	0426
7440-70-2	Calcium	6800		12/29/2024	0426
7440-47-3	Chromium	17		12/29/2024	0426
7440-48-4	Cobalt	5.6	*	12/29/2024	0426
7440-50-8	Copper	35		12/29/2024	0426
7439-89-6	Iron	18000	*	12/29/2024	0426
7439-92-1	Lead	260		12/29/2024	0426
7439-95-4	Magnesium	2500		12/29/2024	0426
7439-96-5	Manganese	1100	*	12/29/2024	0426
7440-02-0	Nickel	20		12/29/2024	0426
7440-09-7	Potassium	710		12/29/2024	0426
7782-49-2	Selenium	9.2		12/29/2024	0426
7440-22-4	Silver	0.31	J*	12/29/2024	0426
7440-23-5	Sodium	460	U	12/29/2024	0426
7440-28-0	Thallium	2.3	U*	12/29/2024	0426
7440-62-2	Vanadium	23		12/29/2024	0426
7440-66-6	Zinc	210	*	12/29/2024	0426

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-17

% Solids: 84.8 Date Received: 11/27/2024

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	8700		12/29/2024	0430
7440-36-0	Antimony	1.9	J	12/29/2024	0430
7440-38-2	Arsenic	8.1	*	12/29/2024	0430
7440-39-3	Barium	120		12/29/2024	0430
7440-41-7	Beryllium	1.2	*	12/29/2024	0430
7440-43-9	Cadmium	0.67		12/29/2024	0430
7440-70-2	Calcium	32000		12/29/2024	0430
7440-47-3	Chromium	16		12/29/2024	0430
7440-48-4	Cobalt	4.7	*	12/29/2024	0430
7440-50-8	Copper	13		12/29/2024	0430
7439-89-6	Iron	17000	*	12/29/2024	0430
7439-92-1	Lead	58		12/29/2024	0430
7439-95-4	Magnesium	4500		12/29/2024	0430
7439-96-5	Manganese	520	*	12/29/2024	0430
7440-02-0	Nickel	18		12/29/2024	0430
7440-09-7	Potassium	610		12/29/2024	0430
7782-49-2	Selenium	7.4		12/29/2024	0430
7440-22-4	Silver	0.15	J*	12/29/2024	0430
7440-23-5	Sodium	410	U	12/29/2024	0430
7440-28-0	Thallium	2.0	U*	12/29/2024	0430
7440-62-2	Vanadium	19		12/29/2024	0430
7440-66-6	Zinc	67	*	12/29/2024	0430

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-18

% Solids: 89 Date Received: 11/27/2024

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	0434
7440-36-0	Antimony	1.4	J	12/29/2024	0434
7440-38-2	Arsenic	4.8	*	12/29/2024	0434
7440-39-3	Barium	71		12/29/2024	0434
7440-41-7	Beryllium	0.97	*	12/29/2024	0434
7440-43-9	Cadmium	0.37	J	12/29/2024	0434
7440-70-2	Calcium	50000		12/29/2024	0434
7440-47-3	Chromium	9.3		12/29/2024	0434
7440-48-4	Cobalt	5.3	*	12/29/2024	0434
7440-50-8	Copper	11		12/29/2024	0434
7439-89-6	Iron	16000	*	12/29/2024	0434
7439-92-1	Lead	21		12/29/2024	0434
7439-95-4	Magnesium	10000		12/29/2024	0434
7439-96-5	Manganese	550	*	12/29/2024	0434
7440-02-0	Nickel	18		12/29/2024	0434
7440-09-7	Potassium	640		12/29/2024	0434
7782-49-2	Selenium	5.8		12/29/2024	0434
7440-22-4	Silver	0.81	U*	12/29/2024	0434
7440-23-5	Sodium	96	J	12/29/2024	0434
7440-28-0	Thallium	2.0	U*	12/29/2024	0434
7440-62-2	Vanadium	14		12/29/2024	0434
7440-66-6	Zinc	41	*	12/29/2024	0434

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-19

% Solids: 89 Date Received: 11/27/2024

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	6000		12/29/2024	0438
7440-36-0	Antimony	0.96	J	12/29/2024	0438
7440-38-2	Arsenic	4.0	*	12/29/2024	0438
7440-39-3	Barium	57		12/29/2024	0438
7440-41-7	Beryllium	0.94	*	12/29/2024	0438
7440-43-9	Cadmium	0.28	J	12/29/2024	0438
7440-70-2	Calcium	42000		12/29/2024	0438
7440-47-3	Chromium	8.7		12/29/2024	0438
7440-48-4	Cobalt	6.3	*	12/29/2024	0438
7440-50-8	Copper	11		12/29/2024	0438
7439-89-6	Iron	15000	*	12/29/2024	0438
7439-92-1	Lead	9.1		12/29/2024	0438
7439-95-4	Magnesium	10000		12/29/2024	0438
7439-96-5	Manganese	590	*	12/29/2024	0438
7440-02-0	Nickel	18		12/29/2024	0438
7440-09-7	Potassium	670		12/29/2024	0438
7782-49-2	Selenium	5.4		12/29/2024	0438
7440-22-4	Silver	0.87	U*	12/29/2024	0438
7440-23-5	Sodium	440	U	12/29/2024	0438
7440-28-0	Thallium	2.2	U*	12/29/2024	0438
7440-62-2	Vanadium	13		12/29/2024	0438
7440-66-6	Zinc	31	*	12/29/2024	0438

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-20

% Solids: 87.1 Date Received: 11/27/2024

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	0442
7440-36-0	Antimony	1.0	J	12/29/2024	0442
7440-38-2	Arsenic	6.1	*	12/29/2024	0442
7440-39-3	Barium	52		12/29/2024	0442
7440-41-7	Beryllium	0.92	*	12/29/2024	0442
7440-43-9	Cadmium	0.27	J	12/29/2024	0442
7440-70-2	Calcium	44000		12/29/2024	0442
7440-47-3	Chromium	9.1		12/29/2024	0442
7440-48-4	Cobalt	6.7	*	12/29/2024	0442
7440-50-8	Copper	11		12/29/2024	0442
7439-89-6	Iron	14000	*	12/29/2024	0442
7439-92-1	Lead	8.8		12/29/2024	0442
7439-95-4	Magnesium	9400		12/29/2024	0442
7439-96-5	Manganese	480	*	12/29/2024	0442
7440-02-0	Nickel	19		12/29/2024	0442
7440-09-7	Potassium	660		12/29/2024	0442
7782-49-2	Selenium	5.3		12/29/2024	0442
7440-22-4	Silver	0.84	U*	12/29/2024	0442
7440-23-5	Sodium	93	J	12/29/2024	0442
7440-28-0	Thallium	2.1	U*	12/29/2024	0442
7440-62-2	Vanadium	14		12/29/2024	0442
7440-66-6	Zinc	32	*	12/29/2024	0442

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-21

% Solids: 87.7 Date Received: 11/27/2024

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	0445
7440-36-0	Antimony	1.4	J	12/29/2024	0445
7440-38-2	Arsenic	5.9	*	12/29/2024	0445
7440-39-3	Barium	56		12/29/2024	0445
7440-41-7	Beryllium	1.0	*	12/29/2024	0445
7440-43-9	Cadmium	0.27	J	12/29/2024	0445
7440-70-2	Calcium	43000		12/29/2024	0445
7440-47-3	Chromium	9.7		12/29/2024	0445
7440-48-4	Cobalt	6.9	*	12/29/2024	0445
7440-50-8	Copper	12		12/29/2024	0445
7439-89-6	Iron	16000	*	12/29/2024	0445
7439-92-1	Lead	9.9		12/29/2024	0445
7439-95-4	Magnesium	9900		12/29/2024	0445
7439-96-5	Manganese	450	*	12/29/2024	0445
7440-02-0	Nickel	19		12/29/2024	0445
7440-09-7	Potassium	810		12/29/2024	0445
7782-49-2	Selenium	5.6		12/29/2024	0445
7440-22-4	Silver	0.91	U*	12/29/2024	0445
7440-23-5	Sodium	92	J	12/29/2024	0445
7440-28-0	Thallium	2.3	U*	12/29/2024	0445
7440-62-2	Vanadium	15		12/29/2024	0445
7440-66-6	Zinc	34	*	12/29/2024	0445

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK41

Matrix: SOIL Lab Sample ID: P5030-22

% Solids: 85.2 Date Received: 11/27/2024

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	9400		12/29/2024	0449
7440-36-0	Antimony	4.8	J	12/29/2024	0449
7440-38-2	Arsenic	18	*	12/29/2024	0449
7440-39-3	Barium	63		12/29/2024	0449
7440-41-7	Beryllium	1.5	*	12/29/2024	0449
7440-43-9	Cadmium	0.51		12/29/2024	0449
7440-70-2	Calcium	2100		12/29/2024	0449
7440-47-3	Chromium	13		12/29/2024	0449
7440-48-4	Cobalt	4.4	J*	12/29/2024	0449
7440-50-8	Copper	24		12/29/2024	0449
7439-89-6	Iron	25000	*	12/29/2024	0449
7439-92-1	Lead	47		12/29/2024	0449
7439-95-4	Magnesium	2300		12/29/2024	0449
7439-96-5	Manganese	1600	*	12/29/2024	0449
7440-02-0	Nickel	17		12/29/2024	0449
7440-09-7	Potassium	800		12/29/2024	0449
7782-49-2	Selenium	15		12/29/2024	0449
7440-22-4	Silver	0.19	J*	12/29/2024	0449
7440-23-5	Sodium	540		12/29/2024	0449
7440-28-0	Thallium	2.3	U*	12/29/2024	0449
7440-62-2	Vanadium	22		12/29/2024	0449
7440-66-6	Zinc	71	*	12/29/2024	0449

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

Comments: