

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKK8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-01

% Solids: 91.8 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	6300	*	12/29/2024	0638
7440-36-0	Antimony	1.2	J	12/29/2024	0638
7440-38-2	Arsenic	6.3		12/29/2024	0638
7440-39-3	Barium	86		12/29/2024	0638
7440-41-7	Beryllium	0.94		12/29/2024	0638
7440-43-9	Cadmium	0.40	J	12/29/2024	0638
7440-70-2	Calcium	10000		12/29/2024	0638
7440-47-3	Chromium	8.8	*	12/29/2024	0638
7440-48-4	Cobalt	4.8	*	12/29/2024	0638
7440-50-8	Copper	13		12/29/2024	0638
7439-89-6	Iron	14000		12/29/2024	0638
7439-92-1	Lead	24		12/29/2024	0638
7439-95-4	Magnesium	3200		12/29/2024	0638
7439-96-5	Manganese	440		12/29/2024	0638
7440-02-0	Nickel	12		12/29/2024	0638
7440-09-7	Potassium	620		12/29/2024	0638
7782-49-2	Selenium	6.4		12/29/2024	0638
7440-22-4	Silver	0.90	U*	12/29/2024	0638
7440-23-5	Sodium	450	U	12/29/2024	0638
7440-28-0	Thallium	2.3	U*	12/29/2024	0638
7440-62-2	Vanadium	15		12/29/2024	0638
7440-66-6	Zinc	74		12/29/2024	0638

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

Comments:

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MBHKK9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-02

% Solids: 94.9 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	4100	*	12/29/2024	0642
7440-36-0	Antimony	0.45	J	12/29/2024	0642
7440-38-2	Arsenic	4.3		12/29/2024	0642
7440-39-3	Barium	49		12/29/2024	0642
7440-41-7	Beryllium	0.76		12/29/2024	0642
7440-43-9	Cadmium	0.31	J	12/29/2024	0642
7440-70-2	Calcium	40000		12/29/2024	0642
7440-47-3	Chromium	6.4	*	12/29/2024	0642
7440-48-4	Cobalt	4.8	*	12/29/2024	0642
7440-50-8	Copper	15		12/29/2024	0642
7439-89-6	Iron	12000		12/29/2024	0642
7439-92-1	Lead	17		12/29/2024	0642
7439-95-4	Magnesium	8100		12/29/2024	0642
7439-96-5	Manganese	630		12/29/2024	0642
7440-02-0	Nickel	12		12/29/2024	0642
7440-09-7	Potassium	430		12/29/2024	0642
7782-49-2	Selenium	3.7		12/29/2024	0642
7440-22-4	Silver	0.81	U*	12/29/2024	0642
7440-23-5	Sodium	410	U	12/29/2024	0642
7440-28-0	Thallium	2.0	U*	12/29/2024	0642
7440-62-2	Vanadium	13		12/29/2024	0642
7440-66-6	Zinc	49		12/29/2024	0642

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

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MBHKL0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-03

% Solids: 93.6 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	4600	*	12/29/2024	0646
7440-36-0	Antimony	0.66	J	12/29/2024	0646
7440-38-2	Arsenic	4.4		12/29/2024	0646
7440-39-3	Barium	49		12/29/2024	0646
7440-41-7	Beryllium	0.99		12/29/2024	0646
7440-43-9	Cadmium	0.48		12/29/2024	0646
7440-70-2	Calcium	69000		12/29/2024	0646
7440-47-3	Chromium	7.1	*	12/29/2024	0646
7440-48-4	Cobalt	5.0	*	12/29/2024	0646
7440-50-8	Copper	12		12/29/2024	0646
7439-89-6	Iron	16000		12/29/2024	0646
7439-92-1	Lead	14		12/29/2024	0646
7439-95-4	Magnesium	7200		12/29/2024	0646
7439-96-5	Manganese	690		12/29/2024	0646
7440-02-0	Nickel	14		12/29/2024	0646
7440-09-7	Potassium	800		12/29/2024	0646
7782-49-2	Selenium	5.2		12/29/2024	0646
7440-22-4	Silver	0.95	U*	12/29/2024	0646
7440-23-5	Sodium	480	U	12/29/2024	0646
7440-28-0	Thallium	2.4	U*	12/29/2024	0646
7440-62-2	Vanadium	15		12/29/2024	0646
7440-66-6	Zinc	33		12/29/2024	0646

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

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MBHKL1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-04

% Solids: 93.6 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	5300	*	12/29/2024	0650
7440-36-0	Antimony	2.8	J	12/29/2024	0650
7440-38-2	Arsenic	4.1		12/29/2024	0650
7440-39-3	Barium	55		12/29/2024	0650
7440-41-7	Beryllium	1.3		12/29/2024	0650
7440-43-9	Cadmium	0.50		12/29/2024	0650
7440-70-2	Calcium	42000		12/29/2024	0650
7440-47-3	Chromium	7.7	*	12/29/2024	0650
7440-48-4	Cobalt	3.0	J*	12/29/2024	0650
7440-50-8	Copper	8.4		12/29/2024	0650
7439-89-6	Iron	21000		12/29/2024	0650
7439-92-1	Lead	22		12/29/2024	0650
7439-95-4	Magnesium	6600		12/29/2024	0650
7439-96-5	Manganese	550		12/29/2024	0650
7440-02-0	Nickel	16		12/29/2024	0650
7440-09-7	Potassium	880		12/29/2024	0650
7782-49-2	Selenium	9.6		12/29/2024	0650
7440-22-4	Silver	0.84	U*	12/29/2024	0650
7440-23-5	Sodium	420	U	12/29/2024	0650
7440-28-0	Thallium	2.1	U*	12/29/2024	0650
7440-62-2	Vanadium	20		12/29/2024	0650
7440-66-6	Zinc	29		12/29/2024	0650

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

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MBHKM6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-05

% Solids: 91.7 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	1700	*	12/29/2024	0653
7440-36-0	Antimony	5.8	U	12/29/2024	0653
7440-38-2	Arsenic	2.4		12/29/2024	0653
7440-39-3	Barium	14	J	12/29/2024	0653
7440-41-7	Beryllium	0.44	J	12/29/2024	0653
7440-43-9	Cadmium	0.25	J	12/29/2024	0653
7440-70-2	Calcium	190000	D	12/31/2024	1419
7440-47-3	Chromium	4.3	*	12/29/2024	0653
7440-48-4	Cobalt	6.5	*	12/29/2024	0653
7440-50-8	Copper	5.7		12/29/2024	0653
7439-89-6	Iron	6200		12/29/2024	0653
7439-92-1	Lead	28		12/29/2024	0653
7439-95-4	Magnesium	26000		12/29/2024	0653
7439-96-5	Manganese	270		12/29/2024	0653
7440-02-0	Nickel	7.7		12/29/2024	0653
7440-09-7	Potassium	460	J	12/29/2024	0653
7782-49-2	Selenium	3.4	U	12/29/2024	0653
7440-22-4	Silver	0.97	U*	12/29/2024	0653
7440-23-5	Sodium	170	J	12/29/2024	0653
7440-28-0	Thallium	2.8	*	12/29/2024	0653
7440-62-2	Vanadium	3.4	J	12/29/2024	0653
7440-66-6	Zinc	30		12/29/2024	0653

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

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MBHKM7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-06

% Solids: 80.9 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	0657
7440-36-0	Antimony	5.5	U	12/29/2024	0657
7440-38-2	Arsenic	9.0		12/29/2024	0657
7440-39-3	Barium	56		12/29/2024	0657
7440-41-7	Beryllium	0.94		12/29/2024	0657
7440-43-9	Cadmium	0.66		12/29/2024	0657
7440-70-2	Calcium	83000	D	12/30/2024	2335
7440-47-3	Chromium	12	*	12/29/2024	0657
7440-48-4	Cobalt	6.3	*	12/29/2024	0657
7440-50-8	Copper	17		12/29/2024	0657
7439-89-6	Iron	14000		12/29/2024	0657
7439-92-1	Lead	120		12/29/2024	0657
7439-95-4	Magnesium	13000		12/29/2024	0657
7439-96-5	Manganese	560		12/29/2024	0657
7440-02-0	Nickel	16		12/29/2024	0657
7440-09-7	Potassium	850		12/29/2024	0657
7782-49-2	Selenium	3.9		12/29/2024	0657
7440-22-4	Silver	0.91	U*	12/29/2024	0657
7440-23-5	Sodium	220	J	12/29/2024	0657
7440-28-0	Thallium	2.3	U*	12/29/2024	0657
7440-62-2	Vanadium	15		12/29/2024	0657
7440-66-6	Zinc	120		12/29/2024	0657

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

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MBHKM8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-07

% Solids: 89.9 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	3700	*	12/29/2024	0701
7440-36-0	Antimony	5.5	U	12/29/2024	0701
7440-38-2	Arsenic	6.0		12/29/2024	0701
7440-39-3	Barium	31		12/29/2024	0701
7440-41-7	Beryllium	0.72		12/29/2024	0701
7440-43-9	Cadmium	1.8		12/29/2024	0701
7440-70-2	Calcium	130000	D	12/30/2024	2339
7440-47-3	Chromium	6.6	*	12/29/2024	0701
7440-48-4	Cobalt	6.1	*	12/29/2024	0701
7440-50-8	Copper	8.1		12/29/2024	0701
7439-89-6	Iron	11000		12/29/2024	0701
7439-92-1	Lead	100		12/29/2024	0701
7439-95-4	Magnesium	65000		12/29/2024	0701
7439-96-5	Manganese	600		12/29/2024	0701
7440-02-0	Nickel	9.7		12/29/2024	0701
7440-09-7	Potassium	750		12/29/2024	0701
7782-49-2	Selenium	1.3	J	12/29/2024	0701
7440-22-4	Silver	0.92	U*	12/29/2024	0701
7440-23-5	Sodium	210	J	12/29/2024	0701
7440-28-0	Thallium	2.3	U*	12/29/2024	0701
7440-62-2	Vanadium	8.5		12/29/2024	0701
7440-66-6	Zinc	360		12/29/2024	0701

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

Comments:

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MBHKM9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-08

% Solids: 82.4 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	0705
7440-36-0	Antimony	1.0	J	12/29/2024	0705
7440-38-2	Arsenic	14		12/29/2024	0705
7440-39-3	Barium	120		12/29/2024	0705
7440-41-7	Beryllium	1.3		12/29/2024	0705
7440-43-9	Cadmium	1.4		12/29/2024	0705
7440-70-2	Calcium	48000		12/29/2024	0705
7440-47-3	Chromium	14	*	12/29/2024	0705
7440-48-4	Cobalt	7.3	*	12/29/2024	0705
7440-50-8	Copper	36		12/29/2024	0705
7439-89-6	Iron	16000		12/29/2024	0705
7439-92-1	Lead	580		12/29/2024	0705
7439-95-4	Magnesium	27000		12/29/2024	0705
7439-96-5	Manganese	1100		12/29/2024	0705
7440-02-0	Nickel	20		12/29/2024	0705
7440-09-7	Potassium	900		12/29/2024	0705
7782-49-2	Selenium	6.5		12/29/2024	0705
7440-22-4	Silver	0.27	J*	12/29/2024	0705
7440-23-5	Sodium	1600		12/29/2024	0705
7440-28-0	Thallium	2.4	U*	12/29/2024	0705
7440-62-2	Vanadium	15		12/29/2024	0705
7440-66-6	Zinc	270		12/29/2024	0705

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

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MBHKN0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8
 Matrix: SOIL Lab Sample ID: P5035-11
 % Solids: 79.9 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	0721
7440-36-0	Antimony	2.4	J	12/29/2024	0721
7440-38-2	Arsenic	19		12/29/2024	0721
7440-39-3	Barium	180		12/29/2024	0721
7440-41-7	Beryllium	1.4		12/29/2024	0721
7440-43-9	Cadmium	2.3		12/29/2024	0721
7440-70-2	Calcium	16000		12/29/2024	0721
7440-47-3	Chromium	17	*	12/29/2024	0721
7440-48-4	Cobalt	5.0	*	12/29/2024	0721
7440-50-8	Copper	47		12/29/2024	0721
7439-89-6	Iron	18000		12/29/2024	0721
7439-92-1	Lead	610		12/29/2024	0721
7439-95-4	Magnesium	5000		12/29/2024	0721
7439-96-5	Manganese	960		12/29/2024	0721
7440-02-0	Nickel	23		12/29/2024	0721
7440-09-7	Potassium	620		12/29/2024	0721
7782-49-2	Selenium	9.3		12/29/2024	0721
7440-22-4	Silver	0.44	J*	12/29/2024	0721
7440-23-5	Sodium	100	J	12/29/2024	0721
7440-28-0	Thallium	2.2	U*	12/29/2024	0721
7440-62-2	Vanadium	17		12/29/2024	0721
7440-66-6	Zinc	410		12/29/2024	0721

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

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MBHKN1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-12

% Solids: 88.1 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	2600	*	12/29/2024	0724
7440-36-0	Antimony	5.0	U	12/29/2024	0724
7440-38-2	Arsenic	5.5		12/29/2024	0724
7440-39-3	Barium	64		12/29/2024	0724
7440-41-7	Beryllium	0.52		12/29/2024	0724
7440-43-9	Cadmium	0.47		12/29/2024	0724
7440-70-2	Calcium	67000		12/29/2024	0724
7440-47-3	Chromium	5.7	*	12/29/2024	0724
7440-48-4	Cobalt	5.6	*	12/29/2024	0724
7440-50-8	Copper	13		12/29/2024	0724
7439-89-6	Iron	6600		12/29/2024	0724
7439-92-1	Lead	140		12/29/2024	0724
7439-95-4	Magnesium	3000		12/29/2024	0724
7439-96-5	Manganese	610		12/29/2024	0724
7440-02-0	Nickel	8.0		12/29/2024	0724
7440-09-7	Potassium	240	J	12/29/2024	0724
7782-49-2	Selenium	2.9	U	12/29/2024	0724
7440-22-4	Silver	0.84	U*	12/29/2024	0724
7440-23-5	Sodium	88	J	12/29/2024	0724
7440-28-0	Thallium	1.4	J*	12/29/2024	0724
7440-62-2	Vanadium	5.2		12/29/2024	0724
7440-66-6	Zinc	83		12/29/2024	0724

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

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MBHKN2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-13

% Solids: 86.9 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	4600	*	12/29/2024	0728
7440-36-0	Antimony	5.1	U	12/29/2024	0728
7440-38-2	Arsenic	9.4		12/29/2024	0728
7440-39-3	Barium	76		12/29/2024	0728
7440-41-7	Beryllium	0.83		12/29/2024	0728
7440-43-9	Cadmium	0.57		12/29/2024	0728
7440-70-2	Calcium	66000		12/29/2024	0728
7440-47-3	Chromium	8.0	*	12/29/2024	0728
7440-48-4	Cobalt	6.8	*	12/29/2024	0728
7440-50-8	Copper	27		12/29/2024	0728
7439-89-6	Iron	12000		12/29/2024	0728
7439-92-1	Lead	180		12/29/2024	0728
7439-95-4	Magnesium	6200		12/29/2024	0728
7439-96-5	Manganese	1100		12/29/2024	0728
7440-02-0	Nickel	13		12/29/2024	0728
7440-09-7	Potassium	670		12/29/2024	0728
7782-49-2	Selenium	3.7		12/29/2024	0728
7440-22-4	Silver	0.26	J*	12/29/2024	0728
7440-23-5	Sodium	110	J	12/29/2024	0728
7440-28-0	Thallium	2.1	U*	12/29/2024	0728
7440-62-2	Vanadium	9.9		12/29/2024	0728
7440-66-6	Zinc	92		12/29/2024	0728

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-14

% Solids: 72.4 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	7700	*	12/29/2024	0732
7440-36-0	Antimony	1.1	J	12/29/2024	0732
7440-38-2	Arsenic	13		12/29/2024	0732
7440-39-3	Barium	130		12/29/2024	0732
7440-41-7	Beryllium	1.2		12/29/2024	0732
7440-43-9	Cadmium	0.88		12/29/2024	0732
7440-70-2	Calcium	24000		12/29/2024	0732
7440-47-3	Chromium	22	*	12/29/2024	0732
7440-48-4	Cobalt	7.3	*	12/29/2024	0732
7440-50-8	Copper	35		12/29/2024	0732
7439-89-6	Iron	17000		12/29/2024	0732
7439-92-1	Lead	140		12/29/2024	0732
7439-95-4	Magnesium	6700		12/29/2024	0732
7439-96-5	Manganese	1400		12/29/2024	0732
7440-02-0	Nickel	23		12/29/2024	0732
7440-09-7	Potassium	1200		12/29/2024	0732
7782-49-2	Selenium	7.0		12/29/2024	0732
7440-22-4	Silver	0.55	J*	12/29/2024	0732
7440-23-5	Sodium	570	U	12/29/2024	0732
7440-28-0	Thallium	2.9	U*	12/29/2024	0732
7440-62-2	Vanadium	19		12/29/2024	0732
7440-66-6	Zinc	210		12/29/2024	0732

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-15

% Solids: 79.3 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	6800	*	12/29/2024	0736
7440-36-0	Antimony	1.1	J	12/29/2024	0736
7440-38-2	Arsenic	12		12/29/2024	0736
7440-39-3	Barium	120		12/29/2024	0736
7440-41-7	Beryllium	1.1		12/29/2024	0736
7440-43-9	Cadmium	0.97		12/29/2024	0736
7440-70-2	Calcium	34000		12/29/2024	0736
7440-47-3	Chromium	22	*	12/29/2024	0736
7440-48-4	Cobalt	6.0	*	12/29/2024	0736
7440-50-8	Copper	34		12/29/2024	0736
7439-89-6	Iron	16000		12/29/2024	0736
7439-92-1	Lead	170		12/29/2024	0736
7439-95-4	Magnesium	14000		12/29/2024	0736
7439-96-5	Manganese	1100		12/29/2024	0736
7440-02-0	Nickel	23		12/29/2024	0736
7440-09-7	Potassium	930		12/29/2024	0736
7782-49-2	Selenium	6.8		12/29/2024	0736
7440-22-4	Silver	0.45	J*	12/29/2024	0736
7440-23-5	Sodium	450	U	12/29/2024	0736
7440-28-0	Thallium	2.3	U*	12/29/2024	0736
7440-62-2	Vanadium	18		12/29/2024	0736
7440-66-6	Zinc	320		12/29/2024	0736

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-16

% Solids: 87.2 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	5500	*	12/29/2024	0740
7440-36-0	Antimony	0.62	J	12/29/2024	0740
7440-38-2	Arsenic	8.6		12/29/2024	0740
7440-39-3	Barium	100		12/29/2024	0740
7440-41-7	Beryllium	0.91		12/29/2024	0740
7440-43-9	Cadmium	0.74		12/29/2024	0740
7440-70-2	Calcium	56000		12/29/2024	0740
7440-47-3	Chromium	17	*	12/29/2024	0740
7440-48-4	Cobalt	6.6	*	12/29/2024	0740
7440-50-8	Copper	29		12/29/2024	0740
7439-89-6	Iron	14000		12/29/2024	0740
7439-92-1	Lead	120		12/29/2024	0740
7439-95-4	Magnesium	19000		12/29/2024	0740
7439-96-5	Manganese	1200		12/29/2024	0740
7440-02-0	Nickel	17		12/29/2024	0740
7440-09-7	Potassium	700		12/29/2024	0740
7782-49-2	Selenium	4.4		12/29/2024	0740
7440-22-4	Silver	0.42	J*	12/29/2024	0740
7440-23-5	Sodium	470	U	12/29/2024	0740
7440-28-0	Thallium	2.4	U*	12/29/2024	0740
7440-62-2	Vanadium	12		12/29/2024	0740
7440-66-6	Zinc	220		12/29/2024	0740

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-17

% Solids: 88.9 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	4700	*	12/29/2024	0744
7440-36-0	Antimony	4.0	J	12/29/2024	0744
7440-38-2	Arsenic	16		12/29/2024	0744
7440-39-3	Barium	120		12/29/2024	0744
7440-41-7	Beryllium	1.3		12/29/2024	0744
7440-43-9	Cadmium	0.58		12/29/2024	0744
7440-70-2	Calcium	31000		12/29/2024	0744
7440-47-3	Chromium	8.9	*	12/29/2024	0744
7440-48-4	Cobalt	2.8	J*	12/29/2024	0744
7440-50-8	Copper	79		12/29/2024	0744
7439-89-6	Iron	20000		12/29/2024	0744
7439-92-1	Lead	250		12/29/2024	0744
7439-95-4	Magnesium	6600		12/29/2024	0744
7439-96-5	Manganese	710		12/29/2024	0744
7440-02-0	Nickel	16		12/29/2024	0744
7440-09-7	Potassium	640		12/29/2024	0744
7782-49-2	Selenium	9.1		12/29/2024	0744
7440-22-4	Silver	0.14	J*	12/29/2024	0744
7440-23-5	Sodium	460	U	12/29/2024	0744
7440-28-0	Thallium	2.3	U*	12/29/2024	0744
7440-62-2	Vanadium	14		12/29/2024	0744
7440-66-6	Zinc	140		12/29/2024	0744

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-18

% Solids: 84.4 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	0748
7440-36-0	Antimony	24		12/29/2024	0748
7440-38-2	Arsenic	15		12/29/2024	0748
7440-39-3	Barium	140		12/29/2024	0748
7440-41-7	Beryllium	1.2		12/29/2024	0748
7440-43-9	Cadmium	0.82		12/29/2024	0748
7440-70-2	Calcium	16000		12/29/2024	0748
7440-47-3	Chromium	10	*	12/29/2024	0748
7440-48-4	Cobalt	6.4	*	12/29/2024	0748
7440-50-8	Copper	60		12/29/2024	0748
7439-89-6	Iron	16000		12/29/2024	0748
7439-92-1	Lead	720		12/29/2024	0748
7439-95-4	Magnesium	4700		12/29/2024	0748
7439-96-5	Manganese	1400		12/29/2024	0748
7440-02-0	Nickel	17		12/29/2024	0748
7440-09-7	Potassium	800		12/29/2024	0748
7782-49-2	Selenium	7.6		12/29/2024	0748
7440-22-4	Silver	0.27	J*	12/29/2024	0748
7440-23-5	Sodium	480	U	12/29/2024	0748
7440-28-0	Thallium	2.4	U*	12/29/2024	0748
7440-62-2	Vanadium	16		12/29/2024	0748
7440-66-6	Zinc	120		12/29/2024	0748

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-19

% Solids: 82.9 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	6700	*	12/29/2024	0751
7440-36-0	Antimony	4.3	J	12/29/2024	0751
7440-38-2	Arsenic	15		12/29/2024	0751
7440-39-3	Barium	140		12/29/2024	0751
7440-41-7	Beryllium	1.2		12/29/2024	0751
7440-43-9	Cadmium	0.87		12/29/2024	0751
7440-70-2	Calcium	22000		12/29/2024	0751
7440-47-3	Chromium	11	*	12/29/2024	0751
7440-48-4	Cobalt	6.9	*	12/29/2024	0751
7440-50-8	Copper	38		12/29/2024	0751
7439-89-6	Iron	16000		12/29/2024	0751
7439-92-1	Lead	200		12/29/2024	0751
7439-95-4	Magnesium	3000		12/29/2024	0751
7439-96-5	Manganese	1600		12/29/2024	0751
7440-02-0	Nickel	18		12/29/2024	0751
7440-09-7	Potassium	820		12/29/2024	0751
7782-49-2	Selenium	8.1		12/29/2024	0751
7440-22-4	Silver	0.46	J*	12/29/2024	0751
7440-23-5	Sodium	490	U	12/29/2024	0751
7440-28-0	Thallium	2.4	U*	12/29/2024	0751
7440-62-2	Vanadium	15		12/29/2024	0751
7440-66-6	Zinc	98		12/29/2024	0751

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-20

% Solids: 88.8 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	3800	*	12/29/2024	0803
7440-36-0	Antimony	4.9	U	12/29/2024	0803
7440-38-2	Arsenic	6.2		12/29/2024	0803
7440-39-3	Barium	130		12/29/2024	0803
7440-41-7	Beryllium	0.67		12/29/2024	0803
7440-43-9	Cadmium	0.54		12/29/2024	0803
7440-70-2	Calcium	230000	D	12/31/2024	1423
7440-47-3	Chromium	6.3	*	12/29/2024	0803
7440-48-4	Cobalt	7.8	*	12/29/2024	0803
7440-50-8	Copper	22		12/29/2024	0803
7439-89-6	Iron	9800		12/29/2024	0803
7439-92-1	Lead	55		12/29/2024	0803
7439-95-4	Magnesium	4900		12/29/2024	0803
7439-96-5	Manganese	1600		12/29/2024	0803
7440-02-0	Nickel	14		12/29/2024	0803
7440-09-7	Potassium	360	J	12/29/2024	0803
7782-49-2	Selenium	1.9	J	12/29/2024	0803
7440-22-4	Silver	0.23	J*	12/29/2024	0803
7440-23-5	Sodium	110	J	12/29/2024	0803
7440-28-0	Thallium	2.5	*	12/29/2024	0803
7440-62-2	Vanadium	6.9		12/29/2024	0803
7440-66-6	Zinc	40		12/29/2024	0803

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

Comments:

FORM 1 - IN
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MBHKQ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-21

% Solids: 71.7 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	7600	*	12/29/2024	0807
7440-36-0	Antimony	1.3	J	12/29/2024	0807
7440-38-2	Arsenic	12		12/29/2024	0807
7440-39-3	Barium	120		12/29/2024	0807
7440-41-7	Beryllium	1.2		12/29/2024	0807
7440-43-9	Cadmium	0.74		12/29/2024	0807
7440-70-2	Calcium	21000		12/29/2024	0807
7440-47-3	Chromium	21	*	12/29/2024	0807
7440-48-4	Cobalt	6.9	*	12/29/2024	0807
7440-50-8	Copper	34		12/29/2024	0807
7439-89-6	Iron	17000		12/29/2024	0807
7439-92-1	Lead	130		12/29/2024	0807
7439-95-4	Magnesium	5800		12/29/2024	0807
7439-96-5	Manganese	1100		12/29/2024	0807
7440-02-0	Nickel	22		12/29/2024	0807
7440-09-7	Potassium	1100		12/29/2024	0807
7782-49-2	Selenium	6.5		12/29/2024	0807
7440-22-4	Silver	0.35	J*	12/29/2024	0807
7440-23-5	Sodium	630	U	12/29/2024	0807
7440-28-0	Thallium	3.1	U*	12/29/2024	0807
7440-62-2	Vanadium	17		12/29/2024	0807
7440-66-6	Zinc	200		12/29/2024	0807

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKK8

Matrix: SOIL Lab Sample ID: P5035-22

% Solids: 78.3 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	0811
7440-36-0	Antimony	2.2	J	12/29/2024	0811
7440-38-2	Arsenic	11		12/29/2024	0811
7440-39-3	Barium	120		12/29/2024	0811
7440-41-7	Beryllium	1.1		12/29/2024	0811
7440-43-9	Cadmium	0.74		12/29/2024	0811
7440-70-2	Calcium	4900		12/29/2024	0811
7440-47-3	Chromium	12	*	12/29/2024	0811
7440-48-4	Cobalt	4.3	J*	12/29/2024	0811
7440-50-8	Copper	26		12/29/2024	0811
7439-89-6	Iron	16000		12/29/2024	0811
7439-92-1	Lead	110		12/29/2024	0811
7439-95-4	Magnesium	2400		12/29/2024	0811
7439-96-5	Manganese	790		12/29/2024	0811
7440-02-0	Nickel	21		12/29/2024	0811
7440-09-7	Potassium	850		12/29/2024	0811
7782-49-2	Selenium	8.4		12/29/2024	0811
7440-22-4	Silver	0.88	U*	12/29/2024	0811
7440-23-5	Sodium	440	U	12/29/2024	0811
7440-28-0	Thallium	2.2	U*	12/29/2024	0811
7440-62-2	Vanadium	16		12/29/2024	0811
7440-66-6	Zinc	160		12/29/2024	0811

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

Comments: