

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-01

% Solids: 86.6 Date Received: 11/26/2024

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	*	12/15/2024	0151
7440-36-0	Antimony	2.2	J*	12/15/2024	0151
7440-38-2	Arsenic	8.0		12/15/2024	0151
7440-39-3	Barium	79	*	12/15/2024	0151
7440-41-7	Beryllium	0.53		12/15/2024	0151
7440-43-9	Cadmium	0.59		12/15/2024	0151
7440-70-2	Calcium	10000	*	12/15/2024	0151
7440-47-3	Chromium	13	*	12/15/2024	0151
7440-48-4	Cobalt	9.6	*	12/15/2024	0151
7440-50-8	Copper	18		12/15/2024	0151
7439-89-6	Iron	16000	*	12/15/2024	0151
7439-92-1	Lead	82		12/15/2024	0151
7439-95-4	Magnesium	3100	*	12/15/2024	0151
7439-96-5	Manganese	940	*	12/15/2024	0151
7440-02-0	Nickel	15		12/15/2024	0151
7440-09-7	Potassium	540		12/15/2024	0151
7782-49-2	Selenium	0.86	J*	12/15/2024	0151
7440-22-4	Silver	0.96	U*	12/15/2024	0151
7440-23-5	Sodium	110	J	12/15/2024	0151
7440-28-0	Thallium	1.2	J	12/15/2024	0151
7440-62-2	Vanadium	17		12/15/2024	0151
7440-66-6	Zinc	58	*	12/15/2024	0151

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-02

% Solids: 89.7 Date Received: 11/26/2024

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	*	12/15/2024	0155
7440-36-0	Antimony	1.5	J*	12/15/2024	0155
7440-38-2	Arsenic	8.0		12/15/2024	0155
7440-39-3	Barium	73	*	12/15/2024	0155
7440-41-7	Beryllium	0.48		12/15/2024	0155
7440-43-9	Cadmium	0.68		12/15/2024	0155
7440-70-2	Calcium	24000	*	12/15/2024	0155
7440-47-3	Chromium	10	*	12/15/2024	0155
7440-48-4	Cobalt	9.8	*	12/15/2024	0155
7440-50-8	Copper	19		12/15/2024	0155
7439-89-6	Iron	15000	*	12/15/2024	0155
7439-92-1	Lead	89		12/15/2024	0155
7439-95-4	Magnesium	3400	*	12/15/2024	0155
7439-96-5	Manganese	1100	*	12/15/2024	0155
7440-02-0	Nickel	15		12/15/2024	0155
7440-09-7	Potassium	460		12/15/2024	0155
7782-49-2	Selenium	3.0	U*	12/15/2024	0155
7440-22-4	Silver	0.86	U*	12/15/2024	0155
7440-23-5	Sodium	430	U	12/15/2024	0155
7440-28-0	Thallium	1.9	J	12/15/2024	0155
7440-62-2	Vanadium	15		12/15/2024	0155
7440-66-6	Zinc	58	*	12/15/2024	0155

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-03

% Solids: 92.2 Date Received: 11/26/2024

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	*	12/15/2024	0159
7440-36-0	Antimony	1.8	J*	12/15/2024	0159
7440-38-2	Arsenic	8.0		12/15/2024	0159
7440-39-3	Barium	72	*	12/15/2024	0159
7440-41-7	Beryllium	0.48		12/15/2024	0159
7440-43-9	Cadmium	0.66		12/15/2024	0159
7440-70-2	Calcium	36000	*	12/15/2024	0159
7440-47-3	Chromium	8.6	*	12/15/2024	0159
7440-48-4	Cobalt	11	*	12/15/2024	0159
7440-50-8	Copper	22		12/15/2024	0159
7439-89-6	Iron	16000	*	12/15/2024	0159
7439-92-1	Lead	69		12/15/2024	0159
7439-95-4	Magnesium	3300	*	12/15/2024	0159
7439-96-5	Manganese	1200	*	12/15/2024	0159
7440-02-0	Nickel	15		12/15/2024	0159
7440-09-7	Potassium	460		12/15/2024	0159
7782-49-2	Selenium	3.1	U*	12/15/2024	0159
7440-22-4	Silver	0.90	U*	12/15/2024	0159
7440-23-5	Sodium	450	U	12/15/2024	0159
7440-28-0	Thallium	2.5		12/15/2024	0159
7440-62-2	Vanadium	15		12/15/2024	0159
7440-66-6	Zinc	50	*	12/15/2024	0159

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-04

% Solids: 91.3 Date Received: 11/26/2024

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	*	12/15/2024	0204
7440-36-0	Antimony	2.6	J*	12/15/2024	0204
7440-38-2	Arsenic	7.4		12/15/2024	0204
7440-39-3	Barium	63	*	12/15/2024	0204
7440-41-7	Beryllium	0.53		12/15/2024	0204
7440-43-9	Cadmium	0.54		12/15/2024	0204
7440-70-2	Calcium	35000	*	12/15/2024	0204
7440-47-3	Chromium	7.8	*	12/15/2024	0204
7440-48-4	Cobalt	12	*	12/15/2024	0204
7440-50-8	Copper	18		12/15/2024	0204
7439-89-6	Iron	18000	*	12/15/2024	0204
7439-92-1	Lead	42		12/15/2024	0204
7439-95-4	Magnesium	2700	*	12/15/2024	0204
7439-96-5	Manganese	1500	*	12/15/2024	0204
7440-02-0	Nickel	14		12/15/2024	0204
7440-09-7	Potassium	370	J	12/15/2024	0204
7782-49-2	Selenium	0.63	J*	12/15/2024	0204
7440-22-4	Silver	0.81	U*	12/15/2024	0204
7440-23-5	Sodium	410	U	12/15/2024	0204
7440-28-0	Thallium	2.6		12/15/2024	0204
7440-62-2	Vanadium	15		12/15/2024	0204
7440-66-6	Zinc	29	*	12/15/2024	0204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-05

% Solids: 89.3 Date Received: 11/26/2024

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	*	12/15/2024	0208
7440-36-0	Antimony	3.2	J*	12/15/2024	0208
7440-38-2	Arsenic	8.7		12/15/2024	0208
7440-39-3	Barium	79	*	12/15/2024	0208
7440-41-7	Beryllium	0.67		12/15/2024	0208
7440-43-9	Cadmium	0.64		12/15/2024	0208
7440-70-2	Calcium	15000	*	12/15/2024	0208
7440-47-3	Chromium	9.9	*	12/15/2024	0208
7440-48-4	Cobalt	13	*	12/15/2024	0208
7440-50-8	Copper	20		12/15/2024	0208
7439-89-6	Iron	20000	*	12/15/2024	0208
7439-92-1	Lead	55		12/15/2024	0208
7439-95-4	Magnesium	3000	*	12/15/2024	0208
7439-96-5	Manganese	1500	*	12/15/2024	0208
7440-02-0	Nickel	18		12/15/2024	0208
7440-09-7	Potassium	460		12/15/2024	0208
7782-49-2	Selenium	1.8	J*	12/15/2024	0208
7440-22-4	Silver	0.86	U*	12/15/2024	0208
7440-23-5	Sodium	430	U	12/15/2024	0208
7440-28-0	Thallium	2.4		12/15/2024	0208
7440-62-2	Vanadium	17		12/15/2024	0208
7440-66-6	Zinc	32	*	12/15/2024	0208

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-06

% Solids: 88.4 Date Received: 11/26/2024

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	*	12/15/2024	0211
7440-36-0	Antimony	4.5	J*	12/15/2024	0211
7440-38-2	Arsenic	9.1		12/15/2024	0211
7440-39-3	Barium	73	*	12/15/2024	0211
7440-41-7	Beryllium	0.68		12/15/2024	0211
7440-43-9	Cadmium	0.69		12/15/2024	0211
7440-70-2	Calcium	11000	*	12/15/2024	0211
7440-47-3	Chromium	9.2	*	12/15/2024	0211
7440-48-4	Cobalt	13	*	12/15/2024	0211
7440-50-8	Copper	16		12/15/2024	0211
7439-89-6	Iron	26000	*	12/15/2024	0211
7439-92-1	Lead	43		12/15/2024	0211
7439-95-4	Magnesium	2300	*	12/15/2024	0211
7439-96-5	Manganese	1800	*	12/15/2024	0211
7440-02-0	Nickel	16		12/15/2024	0211
7440-09-7	Potassium	400	J	12/15/2024	0211
7782-49-2	Selenium	2.9	*	12/15/2024	0211
7440-22-4	Silver	0.83	U*	12/15/2024	0211
7440-23-5	Sodium	420	U	12/15/2024	0211
7440-28-0	Thallium	2.0	J	12/15/2024	0211
7440-62-2	Vanadium	19		12/15/2024	0211
7440-66-6	Zinc	29	*	12/15/2024	0211

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJH9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-07

% Solids: 94.6 Date Received: 11/26/2024

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	*	12/15/2024	0231
7440-36-0	Antimony	1.1	J*	12/15/2024	0231
7440-38-2	Arsenic	4.6		12/15/2024	0231
7440-39-3	Barium	40	*	12/15/2024	0231
7440-41-7	Beryllium	0.33	J	12/15/2024	0231
7440-43-9	Cadmium	0.28	J	12/15/2024	0231
7440-70-2	Calcium	89000	D*	12/21/2024	1001
7440-47-3	Chromium	5.8	*	12/15/2024	0231
7440-48-4	Cobalt	9.9	*	12/15/2024	0231
7440-50-8	Copper	15		12/15/2024	0231
7439-89-6	Iron	13000	*	12/15/2024	0231
7439-92-1	Lead	10		12/15/2024	0231
7439-95-4	Magnesium	5900	*	12/15/2024	0231
7439-96-5	Manganese	1200	*	12/15/2024	0231
7440-02-0	Nickel	13		12/15/2024	0231
7440-09-7	Potassium	470		12/15/2024	0231
7782-49-2	Selenium	2.7	U*	12/15/2024	0231
7440-22-4	Silver	0.77	U*	12/15/2024	0231
7440-23-5	Sodium	390	U	12/15/2024	0231
7440-28-0	Thallium	2.8		12/15/2024	0231
7440-62-2	Vanadium	10		12/15/2024	0231
7440-66-6	Zinc	17	*	12/15/2024	0231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-08

% Solids: 69.2 Date Received: 11/26/2024

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	*	12/15/2024	0235
7440-36-0	Antimony	2.5	J*	12/15/2024	0235
7440-38-2	Arsenic	9.7		12/15/2024	0235
7440-39-3	Barium	190	*	12/15/2024	0235
7440-41-7	Beryllium	0.60		12/15/2024	0235
7440-43-9	Cadmium	1.2		12/15/2024	0235
7440-70-2	Calcium	14000	*	12/15/2024	0235
7440-47-3	Chromium	15	*	12/15/2024	0235
7440-48-4	Cobalt	11	*	12/15/2024	0235
7440-50-8	Copper	40		12/15/2024	0235
7439-89-6	Iron	16000	*	12/15/2024	0235
7439-92-1	Lead	340		12/15/2024	0235
7439-95-4	Magnesium	5400	*	12/15/2024	0235
7439-96-5	Manganese	1000	*	12/15/2024	0235
7440-02-0	Nickel	25		12/15/2024	0235
7440-09-7	Potassium	980		12/15/2024	0235
7782-49-2	Selenium	4.2	U*	12/15/2024	0235
7440-22-4	Silver	1.2	U*	12/15/2024	0235
7440-23-5	Sodium	600	U	12/15/2024	0235
7440-28-0	Thallium	1.8	J	12/15/2024	0235
7440-62-2	Vanadium	16		12/15/2024	0235
7440-66-6	Zinc	260	*	12/15/2024	0235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-09

% Solids: 74.9 Date Received: 11/26/2024

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	*	12/15/2024	0239
7440-36-0	Antimony	2.7	J*	12/15/2024	0239
7440-38-2	Arsenic	12		12/15/2024	0239
7440-39-3	Barium	210	*	12/15/2024	0239
7440-41-7	Beryllium	0.67		12/15/2024	0239
7440-43-9	Cadmium	1.3		12/15/2024	0239
7440-70-2	Calcium	12000	*	12/15/2024	0239
7440-47-3	Chromium	15	*	12/15/2024	0239
7440-48-4	Cobalt	11	*	12/15/2024	0239
7440-50-8	Copper	48		12/15/2024	0239
7439-89-6	Iron	16000	*	12/15/2024	0239
7439-92-1	Lead	400		12/15/2024	0239
7439-95-4	Magnesium	4600	*	12/15/2024	0239
7439-96-5	Manganese	760	*	12/15/2024	0239
7440-02-0	Nickel	28		12/15/2024	0239
7440-09-7	Potassium	830		12/15/2024	0239
7782-49-2	Selenium	0.81	J*	12/15/2024	0239
7440-22-4	Silver	0.95	U*	12/15/2024	0239
7440-23-5	Sodium	470	U	12/15/2024	0239
7440-28-0	Thallium	1.4	J	12/15/2024	0239
7440-62-2	Vanadium	16		12/15/2024	0239
7440-66-6	Zinc	250	*	12/15/2024	0239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-10

% Solids: 73.9 Date Received: 11/26/2024

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	7800	*	12/15/2024	0243
7440-36-0	Antimony	2.8	J*	12/15/2024	0243
7440-38-2	Arsenic	13		12/15/2024	0243
7440-39-3	Barium	210	*	12/15/2024	0243
7440-41-7	Beryllium	0.71		12/15/2024	0243
7440-43-9	Cadmium	1.3		12/15/2024	0243
7440-70-2	Calcium	11000	*	12/15/2024	0243
7440-47-3	Chromium	14	*	12/15/2024	0243
7440-48-4	Cobalt	12	*	12/15/2024	0243
7440-50-8	Copper	45		12/15/2024	0243
7439-89-6	Iron	16000	*	12/15/2024	0243
7439-92-1	Lead	400		12/15/2024	0243
7439-95-4	Magnesium	4500	*	12/15/2024	0243
7439-96-5	Manganese	840	*	12/15/2024	0243
7440-02-0	Nickel	26		12/15/2024	0243
7440-09-7	Potassium	800		12/15/2024	0243
7782-49-2	Selenium	1.0	J*	12/15/2024	0243
7440-22-4	Silver	0.95	U*	12/15/2024	0243
7440-23-5	Sodium	480	U	12/15/2024	0243
7440-28-0	Thallium	1.6	J	12/15/2024	0243
7440-62-2	Vanadium	16		12/15/2024	0243
7440-66-6	Zinc	220	*	12/15/2024	0243

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-11

% Solids: 74.5 Date Received: 11/26/2024

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	*	12/15/2024	0246
7440-36-0	Antimony	1.9	J*	12/15/2024	0246
7440-38-2	Arsenic	8.5		12/15/2024	0246
7440-39-3	Barium	210	*	12/15/2024	0246
7440-41-7	Beryllium	0.56		12/15/2024	0246
7440-43-9	Cadmium	0.91		12/15/2024	0246
7440-70-2	Calcium	13000	*	12/15/2024	0246
7440-47-3	Chromium	12	*	12/15/2024	0246
7440-48-4	Cobalt	10	*	12/15/2024	0246
7440-50-8	Copper	34		12/15/2024	0246
7439-89-6	Iron	13000	*	12/15/2024	0246
7439-92-1	Lead	350		12/15/2024	0246
7439-95-4	Magnesium	3500	*	12/15/2024	0246
7439-96-5	Manganese	820	*	12/15/2024	0246
7440-02-0	Nickel	18		12/15/2024	0246
7440-09-7	Potassium	640		12/15/2024	0246
7782-49-2	Selenium	3.6	U*	12/15/2024	0246
7440-22-4	Silver	1.0	U*	12/15/2024	0246
7440-23-5	Sodium	150	J	12/15/2024	0246
7440-28-0	Thallium	1.6	J	12/15/2024	0246
7440-62-2	Vanadium	13		12/15/2024	0246
7440-66-6	Zinc	160	*	12/15/2024	0246

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJK9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-12

% Solids: 74.7 Date Received: 11/26/2024

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	*	12/15/2024	0250
7440-36-0	Antimony	1.6	J*	12/15/2024	0250
7440-38-2	Arsenic	8.3		12/15/2024	0250
7440-39-3	Barium	200	*	12/15/2024	0250
7440-41-7	Beryllium	0.54		12/15/2024	0250
7440-43-9	Cadmium	0.86		12/15/2024	0250
7440-70-2	Calcium	16000	*	12/15/2024	0250
7440-47-3	Chromium	12	*	12/15/2024	0250
7440-48-4	Cobalt	10	*	12/15/2024	0250
7440-50-8	Copper	32		12/15/2024	0250
7439-89-6	Iron	13000	*	12/15/2024	0250
7439-92-1	Lead	320		12/15/2024	0250
7439-95-4	Magnesium	3500	*	12/15/2024	0250
7439-96-5	Manganese	900	*	12/15/2024	0250
7440-02-0	Nickel	17		12/15/2024	0250
7440-09-7	Potassium	610		12/15/2024	0250
7782-49-2	Selenium	3.5	U*	12/15/2024	0250
7440-22-4	Silver	0.98	U*	12/15/2024	0250
7440-23-5	Sodium	490	U	12/15/2024	0250
7440-28-0	Thallium	2.1	J	12/15/2024	0250
7440-62-2	Vanadium	13		12/15/2024	0250
7440-66-6	Zinc	150	*	12/15/2024	0250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-13

% Solids: 72.2 Date Received: 11/26/2024

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	*	12/15/2024	0254
7440-36-0	Antimony	1.6	J*	12/15/2024	0254
7440-38-2	Arsenic	7.5		12/15/2024	0254
7440-39-3	Barium	210	*	12/15/2024	0254
7440-41-7	Beryllium	0.55	J	12/15/2024	0254
7440-43-9	Cadmium	0.86		12/15/2024	0254
7440-70-2	Calcium	11000	*	12/15/2024	0254
7440-47-3	Chromium	14	*	12/15/2024	0254
7440-48-4	Cobalt	11	*	12/15/2024	0254
7440-50-8	Copper	34		12/15/2024	0254
7439-89-6	Iron	14000	*	12/15/2024	0254
7439-92-1	Lead	230		12/15/2024	0254
7439-95-4	Magnesium	3500	*	12/15/2024	0254
7439-96-5	Manganese	970	*	12/15/2024	0254
7440-02-0	Nickel	17		12/15/2024	0254
7440-09-7	Potassium	710		12/15/2024	0254
7782-49-2	Selenium	4.2	U*	12/15/2024	0254
7440-22-4	Silver	1.2	U*	12/15/2024	0254
7440-23-5	Sodium	140	J	12/15/2024	0254
7440-28-0	Thallium	2.1	J	12/15/2024	0254
7440-62-2	Vanadium	14		12/15/2024	0254
7440-66-6	Zinc	130	*	12/15/2024	0254

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-14

% Solids: 80.9 Date Received: 11/26/2024

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	*	12/15/2024	0258
7440-36-0	Antimony	1.9	J*	12/15/2024	0258
7440-38-2	Arsenic	8.9		12/15/2024	0258
7440-39-3	Barium	300	*	12/15/2024	0258
7440-41-7	Beryllium	0.37	J	12/15/2024	0258
7440-43-9	Cadmium	0.92		12/15/2024	0258
7440-70-2	Calcium	35000	*	12/15/2024	0258
7440-47-3	Chromium	10	*	12/15/2024	0258
7440-48-4	Cobalt	15	*	12/15/2024	0258
7440-50-8	Copper	28		12/15/2024	0258
7439-89-6	Iron	15000	*	12/15/2024	0258
7439-92-1	Lead	72		12/15/2024	0258
7439-95-4	Magnesium	8400	*	12/15/2024	0258
7439-96-5	Manganese	2000	*	12/15/2024	0258
7440-02-0	Nickel	18		12/15/2024	0258
7440-09-7	Potassium	530		12/15/2024	0258
7782-49-2	Selenium	2.9	U*	12/15/2024	0258
7440-22-4	Silver	0.83	U*	12/15/2024	0258
7440-23-5	Sodium	120	J	12/15/2024	0258
7440-28-0	Thallium	4.1		12/15/2024	0258
7440-62-2	Vanadium	15		12/15/2024	0258
7440-66-6	Zinc	100	*	12/15/2024	0258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-15

% Solids: 73.6 Date Received: 11/26/2024

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	*	12/15/2024	0302
7440-36-0	Antimony	2.0	J*	12/15/2024	0302
7440-38-2	Arsenic	12		12/15/2024	0302
7440-39-3	Barium	150	*	12/15/2024	0302
7440-41-7	Beryllium	0.55		12/15/2024	0302
7440-43-9	Cadmium	0.70		12/15/2024	0302
7440-70-2	Calcium	11000	*	12/15/2024	0302
7440-47-3	Chromium	12	*	12/15/2024	0302
7440-48-4	Cobalt	10	*	12/15/2024	0302
7440-50-8	Copper	32		12/15/2024	0302
7439-89-6	Iron	14000	*	12/15/2024	0302
7439-92-1	Lead	200		12/15/2024	0302
7439-95-4	Magnesium	3900	*	12/15/2024	0302
7439-96-5	Manganese	790	*	12/15/2024	0302
7440-02-0	Nickel	19		12/15/2024	0302
7440-09-7	Potassium	760		12/15/2024	0302
7782-49-2	Selenium	0.83	J*	12/15/2024	0302
7440-22-4	Silver	0.96	U*	12/15/2024	0302
7440-23-5	Sodium	120	J	12/15/2024	0302
7440-28-0	Thallium	1.5	J	12/15/2024	0302
7440-62-2	Vanadium	15		12/15/2024	0302
7440-66-6	Zinc	130	*	12/15/2024	0302

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-16

% Solids: 83.1 Date Received: 11/26/2024

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	*	12/15/2024	0305
7440-36-0	Antimony	1.9	J*	12/15/2024	0305
7440-38-2	Arsenic	11		12/15/2024	0305
7440-39-3	Barium	120	*	12/15/2024	0305
7440-41-7	Beryllium	0.49		12/15/2024	0305
7440-43-9	Cadmium	0.66		12/15/2024	0305
7440-70-2	Calcium	18000	*	12/15/2024	0305
7440-47-3	Chromium	11	*	12/15/2024	0305
7440-48-4	Cobalt	10	*	12/15/2024	0305
7440-50-8	Copper	27		12/15/2024	0305
7439-89-6	Iron	13000	*	12/15/2024	0305
7439-92-1	Lead	170		12/15/2024	0305
7439-95-4	Magnesium	7400	*	12/15/2024	0305
7439-96-5	Manganese	670	*	12/15/2024	0305
7440-02-0	Nickel	19		12/15/2024	0305
7440-09-7	Potassium	640		12/15/2024	0305
7782-49-2	Selenium	2.9	U*	12/15/2024	0305
7440-22-4	Silver	0.83	U*	12/15/2024	0305
7440-23-5	Sodium	420	U	12/15/2024	0305
7440-28-0	Thallium	1.5	J	12/15/2024	0305
7440-62-2	Vanadium	13		12/15/2024	0305
7440-66-6	Zinc	120	*	12/15/2024	0305

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-17

% Solids: 83.8 Date Received: 11/26/2024

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	*	12/15/2024	0309
7440-36-0	Antimony	2.1	J*	12/15/2024	0309
7440-38-2	Arsenic	13		12/15/2024	0309
7440-39-3	Barium	130	*	12/15/2024	0309
7440-41-7	Beryllium	0.57		12/15/2024	0309
7440-43-9	Cadmium	0.75		12/15/2024	0309
7440-70-2	Calcium	10000	*	12/15/2024	0309
7440-47-3	Chromium	12	*	12/15/2024	0309
7440-48-4	Cobalt	9.8	*	12/15/2024	0309
7440-50-8	Copper	31		12/15/2024	0309
7439-89-6	Iron	14000	*	12/15/2024	0309
7439-92-1	Lead	230		12/15/2024	0309
7439-95-4	Magnesium	3900	*	12/15/2024	0309
7439-96-5	Manganese	720	*	12/15/2024	0309
7440-02-0	Nickel	20		12/15/2024	0309
7440-09-7	Potassium	690		12/15/2024	0309
7782-49-2	Selenium	3.1	U*	12/15/2024	0309
7440-22-4	Silver	0.88	U*	12/15/2024	0309
7440-23-5	Sodium	87	J	12/15/2024	0309
7440-28-0	Thallium	1.5	J	12/15/2024	0309
7440-62-2	Vanadium	16		12/15/2024	0309
7440-66-6	Zinc	140	*	12/15/2024	0309

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

Comments:

FORM 1 - IN
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MBHJL5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-18

% Solids: 81.5 Date Received: 11/26/2024

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	*	12/15/2024	0313
7440-36-0	Antimony	1.7	J*	12/15/2024	0313
7440-38-2	Arsenic	9.3		12/15/2024	0313
7440-39-3	Barium	160	*	12/15/2024	0313
7440-41-7	Beryllium	0.49		12/15/2024	0313
7440-43-9	Cadmium	0.64		12/15/2024	0313
7440-70-2	Calcium	17000	*	12/15/2024	0313
7440-47-3	Chromium	10	*	12/15/2024	0313
7440-48-4	Cobalt	9.9	*	12/15/2024	0313
7440-50-8	Copper	27		12/15/2024	0313
7439-89-6	Iron	13000	*	12/15/2024	0313
7439-92-1	Lead	210		12/15/2024	0313
7439-95-4	Magnesium	3800	*	12/15/2024	0313
7439-96-5	Manganese	760	*	12/15/2024	0313
7440-02-0	Nickel	15		12/15/2024	0313
7440-09-7	Potassium	720		12/15/2024	0313
7782-49-2	Selenium	3.1	U*	12/15/2024	0313
7440-22-4	Silver	0.90	U*	12/15/2024	0313
7440-23-5	Sodium	450	U	12/15/2024	0313
7440-28-0	Thallium	1.8	J	12/15/2024	0313
7440-62-2	Vanadium	13		12/15/2024	0313
7440-66-6	Zinc	140	*	12/15/2024	0313

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

Comments:

FORM 1 - IN
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MBHJL6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-19

% Solids: 81.1 Date Received: 11/26/2024

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	*	12/15/2024	0317
7440-36-0	Antimony	1.2	J*	12/15/2024	0317
7440-38-2	Arsenic	6.3		12/15/2024	0317
7440-39-3	Barium	170	*	12/15/2024	0317
7440-41-7	Beryllium	0.40	J	12/15/2024	0317
7440-43-9	Cadmium	0.53		12/15/2024	0317
7440-70-2	Calcium	21000	*	12/15/2024	0317
7440-47-3	Chromium	9.3	*	12/15/2024	0317
7440-48-4	Cobalt	9.8	*	12/15/2024	0317
7440-50-8	Copper	23		12/15/2024	0317
7439-89-6	Iron	12000	*	12/15/2024	0317
7439-92-1	Lead	150		12/15/2024	0317
7439-95-4	Magnesium	4000	*	12/15/2024	0317
7439-96-5	Manganese	850	*	12/15/2024	0317
7440-02-0	Nickel	12		12/15/2024	0317
7440-09-7	Potassium	640		12/15/2024	0317
7782-49-2	Selenium	3.2	U*	12/15/2024	0317
7440-22-4	Silver	0.93	U*	12/15/2024	0317
7440-23-5	Sodium	110	J	12/15/2024	0317
7440-28-0	Thallium	2.3		12/15/2024	0317
7440-62-2	Vanadium	10		12/15/2024	0317
7440-66-6	Zinc	95	*	12/15/2024	0317

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

Comments:

FORM 1 - IN
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MBHJL7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJH3

Matrix: SOIL Lab Sample ID: P5010-22

% Solids: 77.6 Date Received: 11/26/2024

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	*	12/15/2024	0332
7440-36-0	Antimony	1.8	J*	12/15/2024	0332
7440-38-2	Arsenic	11		12/15/2024	0332
7440-39-3	Barium	300	*	12/15/2024	0332
7440-41-7	Beryllium	0.47		12/15/2024	0332
7440-43-9	Cadmium	0.71		12/15/2024	0332
7440-70-2	Calcium	25000	*	12/15/2024	0332
7440-47-3	Chromium	11	*	12/15/2024	0332
7440-48-4	Cobalt	15	*	12/15/2024	0332
7440-50-8	Copper	24		12/15/2024	0332
7439-89-6	Iron	14000	*	12/15/2024	0332
7439-92-1	Lead	86		12/15/2024	0332
7439-95-4	Magnesium	3600	*	12/15/2024	0332
7439-96-5	Manganese	1500	*	12/15/2024	0332
7440-02-0	Nickel	15		12/15/2024	0332
7440-09-7	Potassium	650		12/15/2024	0332
7782-49-2	Selenium	3.0	U*	12/15/2024	0332
7440-22-4	Silver	0.87	U*	12/15/2024	0332
7440-23-5	Sodium	430	U	12/15/2024	0332
7440-28-0	Thallium	3.5		12/15/2024	0332
7440-62-2	Vanadium	13		12/15/2024	0332
7440-66-6	Zinc	94	*	12/15/2024	0332

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

Comments: