

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-01

% Solids: 72.1 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	7300		12/15/2024	2227
7440-36-0	Antimony	3.0	J	12/15/2024	2227
7440-38-2	Arsenic	11		12/15/2024	2227
7440-39-3	Barium	150		12/15/2024	2227
7440-41-7	Beryllium	0.73		12/15/2024	2227
7440-43-9	Cadmium	0.77		12/15/2024	2227
7440-70-2	Calcium	6300		12/15/2024	2227
7440-47-3	Chromium	13		12/15/2024	2227
7440-48-4	Cobalt	10	*	12/15/2024	2227
7440-50-8	Copper	38		12/15/2024	2227
7439-89-6	Iron	17000		12/15/2024	2227
7439-92-1	Lead	120	*	12/15/2024	2227
7439-95-4	Magnesium	2200		12/15/2024	2227
7439-96-5	Manganese	760		12/15/2024	2227
7440-02-0	Nickel	19		12/15/2024	2227
7440-09-7	Potassium	970		12/15/2024	2227
7782-49-2	Selenium	4.0	U*	12/15/2024	2227
7440-22-4	Silver	1.1	U*	12/15/2024	2227
7440-23-5	Sodium	560	U	12/15/2024	2227
7440-28-0	Thallium	1.2	J	12/15/2024	2227
7440-62-2	Vanadium	18		12/15/2024	2227
7440-66-6	Zinc	140		12/15/2024	2227

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-02

% 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	7600		12/15/2024	2231
7440-36-0	Antimony	2.8	J	12/15/2024	2231
7440-38-2	Arsenic	11		12/15/2024	2231
7440-39-3	Barium	150		12/15/2024	2231
7440-41-7	Beryllium	0.74		12/15/2024	2231
7440-43-9	Cadmium	0.79		12/15/2024	2231
7440-70-2	Calcium	6800		12/15/2024	2231
7440-47-3	Chromium	14		12/15/2024	2231
7440-48-4	Cobalt	10	*	12/15/2024	2231
7440-50-8	Copper	48		12/15/2024	2231
7439-89-6	Iron	16000		12/15/2024	2231
7439-92-1	Lead	180	*	12/15/2024	2231
7439-95-4	Magnesium	2200		12/15/2024	2231
7439-96-5	Manganese	680		12/15/2024	2231
7440-02-0	Nickel	20		12/15/2024	2231
7440-09-7	Potassium	950		12/15/2024	2231
7782-49-2	Selenium	3.9	U*	12/15/2024	2231
7440-22-4	Silver	1.1	U*	12/15/2024	2231
7440-23-5	Sodium	550	U	12/15/2024	2231
7440-28-0	Thallium	0.98	J	12/15/2024	2231
7440-62-2	Vanadium	20		12/15/2024	2231
7440-66-6	Zinc	180		12/15/2024	2231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-03

% Solids: 80.2 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	7100		12/15/2024	2235
7440-36-0	Antimony	2.7	J	12/15/2024	2235
7440-38-2	Arsenic	11		12/15/2024	2235
7440-39-3	Barium	130		12/15/2024	2235
7440-41-7	Beryllium	0.68		12/15/2024	2235
7440-43-9	Cadmium	0.70		12/15/2024	2235
7440-70-2	Calcium	6900		12/15/2024	2235
7440-47-3	Chromium	13		12/15/2024	2235
7440-48-4	Cobalt	9.6	*	12/15/2024	2235
7440-50-8	Copper	35		12/15/2024	2235
7439-89-6	Iron	16000		12/15/2024	2235
7439-92-1	Lead	100	*	12/15/2024	2235
7439-95-4	Magnesium	2400		12/15/2024	2235
7439-96-5	Manganese	700		12/15/2024	2235
7440-02-0	Nickel	16		12/15/2024	2235
7440-09-7	Potassium	770		12/15/2024	2235
7782-49-2	Selenium	3.8	U*	12/15/2024	2235
7440-22-4	Silver	1.1	U*	12/15/2024	2235
7440-23-5	Sodium	540	U	12/15/2024	2235
7440-28-0	Thallium	1.1	J	12/15/2024	2235
7440-62-2	Vanadium	19		12/15/2024	2235
7440-66-6	Zinc	120		12/15/2024	2235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-04

% Solids: 83 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	7200		12/15/2024	2239
7440-36-0	Antimony	2.7	J	12/15/2024	2239
7440-38-2	Arsenic	12		12/15/2024	2239
7440-39-3	Barium	160		12/15/2024	2239
7440-41-7	Beryllium	0.64		12/15/2024	2239
7440-43-9	Cadmium	0.65		12/15/2024	2239
7440-70-2	Calcium	6500		12/15/2024	2239
7440-47-3	Chromium	11		12/15/2024	2239
7440-48-4	Cobalt	11	*	12/15/2024	2239
7440-50-8	Copper	27		12/15/2024	2239
7439-89-6	Iron	17000		12/15/2024	2239
7439-92-1	Lead	64	*	12/15/2024	2239
7439-95-4	Magnesium	2300		12/15/2024	2239
7439-96-5	Manganese	1000		12/15/2024	2239
7440-02-0	Nickel	14		12/15/2024	2239
7440-09-7	Potassium	670		12/15/2024	2239
7782-49-2	Selenium	3.5	U*	12/15/2024	2239
7440-22-4	Silver	1.0	U*	12/15/2024	2239
7440-23-5	Sodium	510	U	12/15/2024	2239
7440-28-0	Thallium	1.7	J	12/15/2024	2239
7440-62-2	Vanadium	18		12/15/2024	2239
7440-66-6	Zinc	87		12/15/2024	2239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-05

% Solids: 84.1 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		12/15/2024	2242
7440-36-0	Antimony	3.0	J	12/15/2024	2242
7440-38-2	Arsenic	8.8		12/15/2024	2242
7440-39-3	Barium	110		12/15/2024	2242
7440-41-7	Beryllium	0.69		12/15/2024	2242
7440-43-9	Cadmium	0.52	J	12/15/2024	2242
7440-70-2	Calcium	6800		12/15/2024	2242
7440-47-3	Chromium	11		12/15/2024	2242
7440-48-4	Cobalt	9.9	*	12/15/2024	2242
7440-50-8	Copper	26		12/15/2024	2242
7439-89-6	Iron	18000		12/15/2024	2242
7439-92-1	Lead	36	*	12/15/2024	2242
7439-95-4	Magnesium	3000		12/15/2024	2242
7439-96-5	Manganese	630		12/15/2024	2242
7440-02-0	Nickel	15		12/15/2024	2242
7440-09-7	Potassium	660		12/15/2024	2242
7782-49-2	Selenium	3.9	U*	12/15/2024	2242
7440-22-4	Silver	1.1	U*	12/15/2024	2242
7440-23-5	Sodium	560	U	12/15/2024	2242
7440-28-0	Thallium	1.0	J	12/15/2024	2242
7440-62-2	Vanadium	17		12/15/2024	2242
7440-66-6	Zinc	77		12/15/2024	2242

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-06

% Solids: 86.5 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	6600		12/15/2024	2246
7440-36-0	Antimony	1.7	J	12/15/2024	2246
7440-38-2	Arsenic	6.5		12/15/2024	2246
7440-39-3	Barium	98		12/15/2024	2246
7440-41-7	Beryllium	0.59		12/15/2024	2246
7440-43-9	Cadmium	0.50	J	12/15/2024	2246
7440-70-2	Calcium	27000		12/15/2024	2246
7440-47-3	Chromium	10		12/15/2024	2246
7440-48-4	Cobalt	11	*	12/15/2024	2246
7440-50-8	Copper	130		12/15/2024	2246
7439-89-6	Iron	17000		12/15/2024	2246
7439-92-1	Lead	150	*	12/15/2024	2246
7439-95-4	Magnesium	5500		12/15/2024	2246
7439-96-5	Manganese	850		12/15/2024	2246
7440-02-0	Nickel	16		12/15/2024	2246
7440-09-7	Potassium	520		12/15/2024	2246
7782-49-2	Selenium	3.7	U*	12/15/2024	2246
7440-22-4	Silver	1.0	U*	12/15/2024	2246
7440-23-5	Sodium	520	U	12/15/2024	2246
7440-28-0	Thallium	2.7		12/15/2024	2246
7440-62-2	Vanadium	13		12/15/2024	2246
7440-66-6	Zinc	720		12/15/2024	2246

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-07

% Solids: 94.7 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	3600		12/15/2024	2250
7440-36-0	Antimony	0.63	J	12/15/2024	2250
7440-38-2	Arsenic	5.5		12/15/2024	2250
7440-39-3	Barium	58		12/15/2024	2250
7440-41-7	Beryllium	0.35	J	12/15/2024	2250
7440-43-9	Cadmium	0.34	J	12/15/2024	2250
7440-70-2	Calcium	88000	D	12/23/2024	1614
7440-47-3	Chromium	5.9		12/15/2024	2250
7440-48-4	Cobalt	10	*	12/15/2024	2250
7440-50-8	Copper	24		12/15/2024	2250
7439-89-6	Iron	12000		12/15/2024	2250
7439-92-1	Lead	16	*	12/15/2024	2250
7439-95-4	Magnesium	17000		12/15/2024	2250
7439-96-5	Manganese	710		12/15/2024	2250
7440-02-0	Nickel	11		12/15/2024	2250
7440-09-7	Potassium	460		12/15/2024	2250
7782-49-2	Selenium	3.2	U*	12/15/2024	2250
7440-22-4	Silver	0.91	U*	12/15/2024	2250
7440-23-5	Sodium	460	U	12/15/2024	2250
7440-28-0	Thallium	3.1		12/15/2024	2250
7440-62-2	Vanadium	9.7		12/15/2024	2250
7440-66-6	Zinc	34		12/15/2024	2250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-10

% Solids: 80.2 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	7200		12/15/2024	2305
7440-36-0	Antimony	2.8	J	12/15/2024	2305
7440-38-2	Arsenic	9.0		12/15/2024	2305
7440-39-3	Barium	120		12/15/2024	2305
7440-41-7	Beryllium	0.63		12/15/2024	2305
7440-43-9	Cadmium	0.72		12/15/2024	2305
7440-70-2	Calcium	5300		12/15/2024	2305
7440-47-3	Chromium	12		12/15/2024	2305
7440-48-4	Cobalt	9.0	*	12/15/2024	2305
7440-50-8	Copper	27		12/15/2024	2305
7439-89-6	Iron	16000		12/15/2024	2305
7439-92-1	Lead	100	*	12/15/2024	2305
7439-95-4	Magnesium	2400		12/15/2024	2305
7439-96-5	Manganese	820		12/15/2024	2305
7440-02-0	Nickel	18		12/15/2024	2305
7440-09-7	Potassium	570		12/15/2024	2305
7782-49-2	Selenium	3.5	U*	12/15/2024	2305
7440-22-4	Silver	1.0	U*	12/15/2024	2305
7440-23-5	Sodium	500	U	12/15/2024	2305
7440-28-0	Thallium	1.2	J	12/15/2024	2305
7440-62-2	Vanadium	15		12/15/2024	2305
7440-66-6	Zinc	140		12/15/2024	2305

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-11

% Solids: 85.6 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	6800		12/15/2024	2309
7440-36-0	Antimony	2.3	J	12/15/2024	2309
7440-38-2	Arsenic	8.8		12/15/2024	2309
7440-39-3	Barium	120		12/15/2024	2309
7440-41-7	Beryllium	0.60		12/15/2024	2309
7440-43-9	Cadmium	0.62		12/15/2024	2309
7440-70-2	Calcium	5400		12/15/2024	2309
7440-47-3	Chromium	11		12/15/2024	2309
7440-48-4	Cobalt	8.5	*	12/15/2024	2309
7440-50-8	Copper	28		12/15/2024	2309
7439-89-6	Iron	15000		12/15/2024	2309
7439-92-1	Lead	93	*	12/15/2024	2309
7439-95-4	Magnesium	2300		12/15/2024	2309
7439-96-5	Manganese	780		12/15/2024	2309
7440-02-0	Nickel	16		12/15/2024	2309
7440-09-7	Potassium	320	J	12/15/2024	2309
7782-49-2	Selenium	0.78	J*	12/15/2024	2309
7440-22-4	Silver	0.99	U*	12/15/2024	2309
7440-23-5	Sodium	500	U	12/15/2024	2309
7440-28-0	Thallium	1.5	J	12/15/2024	2309
7440-62-2	Vanadium	14		12/15/2024	2309
7440-66-6	Zinc	130		12/15/2024	2309

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKK7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-12

% 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	6100		12/15/2024	2313
7440-36-0	Antimony	2.1	J	12/15/2024	2313
7440-38-2	Arsenic	6.1		12/15/2024	2313
7440-39-3	Barium	110		12/15/2024	2313
7440-41-7	Beryllium	0.53		12/15/2024	2313
7440-43-9	Cadmium	0.46		12/15/2024	2313
7440-70-2	Calcium	5100		12/15/2024	2313
7440-47-3	Chromium	9.1		12/15/2024	2313
7440-48-4	Cobalt	8.1	*	12/15/2024	2313
7440-50-8	Copper	18		12/15/2024	2313
7439-89-6	Iron	14000		12/15/2024	2313
7439-92-1	Lead	47	*	12/15/2024	2313
7439-95-4	Magnesium	2300		12/15/2024	2313
7439-96-5	Manganese	750		12/15/2024	2313
7440-02-0	Nickel	13		12/15/2024	2313
7440-09-7	Potassium	270	J	12/15/2024	2313
7782-49-2	Selenium	3.2	U*	12/15/2024	2313
7440-22-4	Silver	0.91	U*	12/15/2024	2313
7440-23-5	Sodium	460	U	12/15/2024	2313
7440-28-0	Thallium	1.2	J	12/15/2024	2313
7440-62-2	Vanadium	13		12/15/2024	2313
7440-66-6	Zinc	92		12/15/2024	2313

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKL5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-13

% 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	7700		12/15/2024	2317
7440-36-0	Antimony	2.5	J	12/15/2024	2317
7440-38-2	Arsenic	9.1		12/15/2024	2317
7440-39-3	Barium	160		12/15/2024	2317
7440-41-7	Beryllium	0.67		12/15/2024	2317
7440-43-9	Cadmium	0.66		12/15/2024	2317
7440-70-2	Calcium	11000		12/15/2024	2317
7440-47-3	Chromium	11		12/15/2024	2317
7440-48-4	Cobalt	11	*	12/15/2024	2317
7440-50-8	Copper	33		12/15/2024	2317
7439-89-6	Iron	17000		12/15/2024	2317
7439-92-1	Lead	92	*	12/15/2024	2317
7439-95-4	Magnesium	3300		12/15/2024	2317
7439-96-5	Manganese	850		12/15/2024	2317
7440-02-0	Nickel	16		12/15/2024	2317
7440-09-7	Potassium	670		12/15/2024	2317
7782-49-2	Selenium	3.4	U*	12/15/2024	2317
7440-22-4	Silver	0.98	U*	12/15/2024	2317
7440-23-5	Sodium	490	U	12/15/2024	2317
7440-28-0	Thallium	2.1	J	12/15/2024	2317
7440-62-2	Vanadium	16		12/15/2024	2317
7440-66-6	Zinc	110		12/15/2024	2317

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKL6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-14

% Solids: 84.9 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	6500		12/15/2024	2321
7440-36-0	Antimony	1.5	J	12/15/2024	2321
7440-38-2	Arsenic	4.1		12/15/2024	2321
7440-39-3	Barium	130		12/15/2024	2321
7440-41-7	Beryllium	0.49		12/15/2024	2321
7440-43-9	Cadmium	0.46		12/15/2024	2321
7440-70-2	Calcium	15000		12/15/2024	2321
7440-47-3	Chromium	9.2		12/15/2024	2321
7440-48-4	Cobalt	9.1	*	12/15/2024	2321
7440-50-8	Copper	19		12/15/2024	2321
7439-89-6	Iron	13000		12/15/2024	2321
7439-92-1	Lead	26	*	12/15/2024	2321
7439-95-4	Magnesium	3600		12/15/2024	2321
7439-96-5	Manganese	690		12/15/2024	2321
7440-02-0	Nickel	12		12/15/2024	2321
7440-09-7	Potassium	440	J	12/15/2024	2321
7782-49-2	Selenium	3.3	U*	12/15/2024	2321
7440-22-4	Silver	0.93	U*	12/15/2024	2321
7440-23-5	Sodium	460	U	12/15/2024	2321
7440-28-0	Thallium	2.3		12/15/2024	2321
7440-62-2	Vanadium	11		12/15/2024	2321
7440-66-6	Zinc	71		12/15/2024	2321

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKL7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-15

% Solids: 86.1 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	6200		12/15/2024	2325
7440-36-0	Antimony	1.7	J	12/15/2024	2325
7440-38-2	Arsenic	4.5		12/15/2024	2325
7440-39-3	Barium	120		12/15/2024	2325
7440-41-7	Beryllium	0.53		12/15/2024	2325
7440-43-9	Cadmium	0.42	J	12/15/2024	2325
7440-70-2	Calcium	21000		12/15/2024	2325
7440-47-3	Chromium	8.9		12/15/2024	2325
7440-48-4	Cobalt	9.8	*	12/15/2024	2325
7440-50-8	Copper	20		12/15/2024	2325
7439-89-6	Iron	14000		12/15/2024	2325
7439-92-1	Lead	27	*	12/15/2024	2325
7439-95-4	Magnesium	5200		12/15/2024	2325
7439-96-5	Manganese	660		12/15/2024	2325
7440-02-0	Nickel	13		12/15/2024	2325
7440-09-7	Potassium	510	J	12/15/2024	2325
7782-49-2	Selenium	3.7	U*	12/15/2024	2325
7440-22-4	Silver	1.1	U*	12/15/2024	2325
7440-23-5	Sodium	520	U	12/15/2024	2325
7440-28-0	Thallium	2.2	J	12/15/2024	2325
7440-62-2	Vanadium	13		12/15/2024	2325
7440-66-6	Zinc	63		12/15/2024	2325

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKL8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1
 Matrix: SOIL Lab Sample ID: P5039-16
 % 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	3600		12/15/2024	2328
7440-36-0	Antimony	1.1	J	12/15/2024	2328
7440-38-2	Arsenic	4.8		12/15/2024	2328
7440-39-3	Barium	49		12/15/2024	2328
7440-41-7	Beryllium	0.41	J	12/15/2024	2328
7440-43-9	Cadmium	0.30	J	12/15/2024	2328
7440-70-2	Calcium	89000	D	12/23/2024	1629
7440-47-3	Chromium	6.2		12/15/2024	2328
7440-48-4	Cobalt	9.3	*	12/15/2024	2328
7440-50-8	Copper	15		12/15/2024	2328
7439-89-6	Iron	14000		12/15/2024	2328
7439-92-1	Lead	18	*	12/15/2024	2328
7439-95-4	Magnesium	37000		12/15/2024	2328
7439-96-5	Manganese	590		12/15/2024	2328
7440-02-0	Nickel	10		12/15/2024	2328
7440-09-7	Potassium	360	J	12/15/2024	2328
7782-49-2	Selenium	2.9	U*	12/15/2024	2328
7440-22-4	Silver	0.84	U*	12/15/2024	2328
7440-23-5	Sodium	420	U	12/15/2024	2328
7440-28-0	Thallium	2.8		12/15/2024	2328
7440-62-2	Vanadium	12		12/15/2024	2328
7440-66-6	Zinc	44		12/15/2024	2328

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKL9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-17

% Solids: 70.9 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	7000		12/15/2024	2332
7440-36-0	Antimony	2.6	J	12/15/2024	2332
7440-38-2	Arsenic	12		12/15/2024	2332
7440-39-3	Barium	120		12/15/2024	2332
7440-41-7	Beryllium	0.65		12/15/2024	2332
7440-43-9	Cadmium	0.65		12/15/2024	2332
7440-70-2	Calcium	6300		12/15/2024	2332
7440-47-3	Chromium	12		12/15/2024	2332
7440-48-4	Cobalt	9.6	*	12/15/2024	2332
7440-50-8	Copper	28		12/15/2024	2332
7439-89-6	Iron	17000		12/15/2024	2332
7439-92-1	Lead	180	*	12/15/2024	2332
7439-95-4	Magnesium	2100		12/15/2024	2332
7439-96-5	Manganese	690		12/15/2024	2332
7440-02-0	Nickel	18		12/15/2024	2332
7440-09-7	Potassium	310	J	12/15/2024	2332
7782-49-2	Selenium	4.3	U*	12/15/2024	2332
7440-22-4	Silver	1.2	U*	12/15/2024	2332
7440-23-5	Sodium	610	U	12/15/2024	2332
7440-28-0	Thallium	1.5	J	12/15/2024	2332
7440-62-2	Vanadium	17		12/15/2024	2332
7440-66-6	Zinc	120		12/15/2024	2332

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-18

% Solids: 81.7 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	6300		12/15/2024	2344
7440-36-0	Antimony	2.6	J	12/15/2024	2344
7440-38-2	Arsenic	10		12/15/2024	2344
7440-39-3	Barium	100		12/15/2024	2344
7440-41-7	Beryllium	0.59		12/15/2024	2344
7440-43-9	Cadmium	0.52		12/15/2024	2344
7440-70-2	Calcium	4200		12/15/2024	2344
7440-47-3	Chromium	9.5		12/15/2024	2344
7440-48-4	Cobalt	7.9	*	12/15/2024	2344
7440-50-8	Copper	27		12/15/2024	2344
7439-89-6	Iron	15000		12/15/2024	2344
7439-92-1	Lead	150	*	12/15/2024	2344
7439-95-4	Magnesium	2000		12/15/2024	2344
7439-96-5	Manganese	630		12/15/2024	2344
7440-02-0	Nickel	14		12/15/2024	2344
7440-09-7	Potassium	270	J	12/15/2024	2344
7782-49-2	Selenium	3.6	U*	12/15/2024	2344
7440-22-4	Silver	1.0	U*	12/15/2024	2344
7440-23-5	Sodium	520	U	12/15/2024	2344
7440-28-0	Thallium	0.90	J	12/15/2024	2344
7440-62-2	Vanadium	16		12/15/2024	2344
7440-66-6	Zinc	95		12/15/2024	2344

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKM1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-19

% Solids: 83.6 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	5700		12/15/2024	2348
7440-36-0	Antimony	2.1	J	12/15/2024	2348
7440-38-2	Arsenic	6.9		12/15/2024	2348
7440-39-3	Barium	80		12/15/2024	2348
7440-41-7	Beryllium	0.49		12/15/2024	2348
7440-43-9	Cadmium	0.35	J	12/15/2024	2348
7440-70-2	Calcium	5100		12/15/2024	2348
7440-47-3	Chromium	7.6		12/15/2024	2348
7440-48-4	Cobalt	7.0	*	12/15/2024	2348
7440-50-8	Copper	17		12/15/2024	2348
7439-89-6	Iron	13000		12/15/2024	2348
7439-92-1	Lead	73	*	12/15/2024	2348
7439-95-4	Magnesium	2100		12/15/2024	2348
7439-96-5	Manganese	510		12/15/2024	2348
7440-02-0	Nickel	9.8		12/15/2024	2348
7440-09-7	Potassium	150	J	12/15/2024	2348
7782-49-2	Selenium	3.2	U*	12/15/2024	2348
7440-22-4	Silver	0.92	U*	12/15/2024	2348
7440-23-5	Sodium	460	U	12/15/2024	2348
7440-28-0	Thallium	0.73	J	12/15/2024	2348
7440-62-2	Vanadium	13		12/15/2024	2348
7440-66-6	Zinc	51		12/15/2024	2348

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKM3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-20

% Solids: 85.4 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	6100		12/15/2024	2351
7440-36-0	Antimony	3.3	J	12/15/2024	2351
7440-38-2	Arsenic	14		12/15/2024	2351
7440-39-3	Barium	84		12/15/2024	2351
7440-41-7	Beryllium	0.62		12/15/2024	2351
7440-43-9	Cadmium	0.53		12/15/2024	2351
7440-70-2	Calcium	6800		12/15/2024	2351
7440-47-3	Chromium	9.8		12/15/2024	2351
7440-48-4	Cobalt	11	*	12/15/2024	2351
7440-50-8	Copper	24		12/15/2024	2351
7439-89-6	Iron	21000		12/15/2024	2351
7439-92-1	Lead	24	*	12/15/2024	2351
7439-95-4	Magnesium	3200		12/15/2024	2351
7439-96-5	Manganese	1400		12/15/2024	2351
7440-02-0	Nickel	21		12/15/2024	2351
7440-09-7	Potassium	350	J	12/15/2024	2351
7782-49-2	Selenium	3.4	U*	12/15/2024	2351
7440-22-4	Silver	0.98	U*	12/15/2024	2351
7440-23-5	Sodium	490	U	12/15/2024	2351
7440-28-0	Thallium	2.2	J	12/15/2024	2351
7440-62-2	Vanadium	20		12/15/2024	2351
7440-66-6	Zinc	46		12/15/2024	2351

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKM4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKJ1

Matrix: SOIL Lab Sample ID: P5039-21

% 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	7200		12/15/2024	2355
7440-36-0	Antimony	3.4	J	12/15/2024	2355
7440-38-2	Arsenic	11		12/15/2024	2355
7440-39-3	Barium	86		12/15/2024	2355
7440-41-7	Beryllium	0.70		12/15/2024	2355
7440-43-9	Cadmium	0.50		12/15/2024	2355
7440-70-2	Calcium	3000		12/15/2024	2355
7440-47-3	Chromium	10		12/15/2024	2355
7440-48-4	Cobalt	9.6	*	12/15/2024	2355
7440-50-8	Copper	20		12/15/2024	2355
7439-89-6	Iron	20000		12/15/2024	2355
7439-92-1	Lead	24	*	12/15/2024	2355
7439-95-4	Magnesium	2100		12/15/2024	2355
7439-96-5	Manganese	1100		12/15/2024	2355
7440-02-0	Nickel	19		12/15/2024	2355
7440-09-7	Potassium	350	J	12/15/2024	2355
7782-49-2	Selenium	1.2	J*	12/15/2024	2355
7440-22-4	Silver	0.97	U*	12/15/2024	2355
7440-23-5	Sodium	490	U	12/15/2024	2355
7440-28-0	Thallium	0.77	J	12/15/2024	2355
7440-62-2	Vanadium	18		12/15/2024	2355
7440-66-6	Zinc	38		12/15/2024	2355

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

Comments: