

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-01

% Solids: 75.5 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	7900		12/15/2024	0336
7440-36-0	Antimony	2.8	J*	12/15/2024	0336
7440-38-2	Arsenic	11		12/15/2024	0336
7440-39-3	Barium	140		12/15/2024	0336
7440-41-7	Beryllium	0.64		12/15/2024	0336
7440-43-9	Cadmium	0.91		12/15/2024	0336
7440-70-2	Calcium	5000		12/15/2024	0336
7440-47-3	Chromium	15	*	12/15/2024	0336
7440-48-4	Cobalt	12	*	12/15/2024	0336
7440-50-8	Copper	38		12/15/2024	0336
7439-89-6	Iron	16000		12/15/2024	0336
7439-92-1	Lead	180		12/15/2024	0336
7439-95-4	Magnesium	2400		12/15/2024	0336
7439-96-5	Manganese	1100		12/15/2024	0336
7440-02-0	Nickel	22		12/15/2024	0336
7440-09-7	Potassium	970		12/15/2024	0336
7782-49-2	Selenium	1.5	J*	12/15/2024	0336
7440-22-4	Silver	1.1	U*	12/15/2024	0336
7440-23-5	Sodium	180	J	12/15/2024	0336
7440-28-0	Thallium	1.3	J	12/15/2024	0336
7440-62-2	Vanadium	18		12/15/2024	0336
7440-66-6	Zinc	150	*	12/15/2024	0336

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-02

% Solids: 82 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	0340
7440-36-0	Antimony	3.6	J*	12/15/2024	0340
7440-38-2	Arsenic	15		12/15/2024	0340
7440-39-3	Barium	140		12/15/2024	0340
7440-41-7	Beryllium	0.69		12/15/2024	0340
7440-43-9	Cadmium	1.1		12/15/2024	0340
7440-70-2	Calcium	4100		12/15/2024	0340
7440-47-3	Chromium	13	*	12/15/2024	0340
7440-48-4	Cobalt	12	*	12/15/2024	0340
7440-50-8	Copper	41		12/15/2024	0340
7439-89-6	Iron	20000		12/15/2024	0340
7439-92-1	Lead	180		12/15/2024	0340
7439-95-4	Magnesium	2000		12/15/2024	0340
7439-96-5	Manganese	1100		12/15/2024	0340
7440-02-0	Nickel	24		12/15/2024	0340
7440-09-7	Potassium	790		12/15/2024	0340
7782-49-2	Selenium	2.1	J*	12/15/2024	0340
7440-22-4	Silver	0.97	U*	12/15/2024	0340
7440-23-5	Sodium	480	U	12/15/2024	0340
7440-28-0	Thallium	0.74	J	12/15/2024	0340
7440-62-2	Vanadium	19		12/15/2024	0340
7440-66-6	Zinc	150	*	12/15/2024	0340

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-03

% Solids: 82.3 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	7400		12/15/2024	0344
7440-36-0	Antimony	2.8	J*	12/15/2024	0344
7440-38-2	Arsenic	12		12/15/2024	0344
7440-39-3	Barium	130		12/15/2024	0344
7440-41-7	Beryllium	0.61		12/15/2024	0344
7440-43-9	Cadmium	1.1		12/15/2024	0344
7440-70-2	Calcium	4500		12/15/2024	0344
7440-47-3	Chromium	13	*	12/15/2024	0344
7440-48-4	Cobalt	12	*	12/15/2024	0344
7440-50-8	Copper	41		12/15/2024	0344
7439-89-6	Iron	16000		12/15/2024	0344
7439-92-1	Lead	180		12/15/2024	0344
7439-95-4	Magnesium	2200		12/15/2024	0344
7439-96-5	Manganese	1100		12/15/2024	0344
7440-02-0	Nickel	23		12/15/2024	0344
7440-09-7	Potassium	760		12/15/2024	0344
7782-49-2	Selenium	1.6	J*	12/15/2024	0344
7440-22-4	Silver	0.91	U*	12/15/2024	0344
7440-23-5	Sodium	100	J	12/15/2024	0344
7440-28-0	Thallium	1.1	J	12/15/2024	0344
7440-62-2	Vanadium	17		12/15/2024	0344
7440-66-6	Zinc	150	*	12/15/2024	0344

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-04

% 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	8000		12/15/2024	0355
7440-36-0	Antimony	2.7	J*	12/15/2024	0355
7440-38-2	Arsenic	8.8		12/15/2024	0355
7440-39-3	Barium	140		12/15/2024	0355
7440-41-7	Beryllium	0.67		12/15/2024	0355
7440-43-9	Cadmium	0.78		12/15/2024	0355
7440-70-2	Calcium	8300		12/15/2024	0355
7440-47-3	Chromium	14	*	12/15/2024	0355
7440-48-4	Cobalt	11	*	12/15/2024	0355
7440-50-8	Copper	32		12/15/2024	0355
7439-89-6	Iron	17000		12/15/2024	0355
7439-92-1	Lead	150		12/15/2024	0355
7439-95-4	Magnesium	3000		12/15/2024	0355
7439-96-5	Manganese	740		12/15/2024	0355
7440-02-0	Nickel	21		12/15/2024	0355
7440-09-7	Potassium	990		12/15/2024	0355
7782-49-2	Selenium	0.96	J*	12/15/2024	0355
7440-22-4	Silver	1.1	U*	12/15/2024	0355
7440-23-5	Sodium	530	U	12/15/2024	0355
7440-28-0	Thallium	1.4	J	12/15/2024	0355
7440-62-2	Vanadium	16		12/15/2024	0355
7440-66-6	Zinc	160	*	12/15/2024	0355

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-05

% Solids: 80.8 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	8300		12/15/2024	0359
7440-36-0	Antimony	1.9	J*	12/15/2024	0359
7440-38-2	Arsenic	7.6		12/15/2024	0359
7440-39-3	Barium	180		12/15/2024	0359
7440-41-7	Beryllium	0.64		12/15/2024	0359
7440-43-9	Cadmium	0.64		12/15/2024	0359
7440-70-2	Calcium	15000		12/15/2024	0359
7440-47-3	Chromium	13	*	12/15/2024	0359
7440-48-4	Cobalt	9.7	*	12/15/2024	0359
7440-50-8	Copper	34		12/15/2024	0359
7439-89-6	Iron	15000		12/15/2024	0359
7439-92-1	Lead	160		12/15/2024	0359
7439-95-4	Magnesium	3300		12/15/2024	0359
7439-96-5	Manganese	560		12/15/2024	0359
7440-02-0	Nickel	16		12/15/2024	0359
7440-09-7	Potassium	1100		12/15/2024	0359
7782-49-2	Selenium	3.6	U*	12/15/2024	0359
7440-22-4	Silver	1.0	U*	12/15/2024	0359
7440-23-5	Sodium	510	U	12/15/2024	0359
7440-28-0	Thallium	1.2	J	12/15/2024	0359
7440-62-2	Vanadium	15		12/15/2024	0359
7440-66-6	Zinc	140	*	12/15/2024	0359

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-06

% Solids: 80.8 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	9200		12/15/2024	0403
7440-36-0	Antimony	1.9	J*	12/15/2024	0403
7440-38-2	Arsenic	6.9		12/15/2024	0403
7440-39-3	Barium	200		12/15/2024	0403
7440-41-7	Beryllium	0.65		12/15/2024	0403
7440-43-9	Cadmium	0.70		12/15/2024	0403
7440-70-2	Calcium	18000		12/15/2024	0403
7440-47-3	Chromium	14	*	12/15/2024	0403
7440-48-4	Cobalt	10	*	12/15/2024	0403
7440-50-8	Copper	36		12/15/2024	0403
7439-89-6	Iron	15000		12/15/2024	0403
7439-92-1	Lead	110		12/15/2024	0403
7439-95-4	Magnesium	3400		12/15/2024	0403
7439-96-5	Manganese	560		12/15/2024	0403
7440-02-0	Nickel	16		12/15/2024	0403
7440-09-7	Potassium	1000		12/15/2024	0403
7782-49-2	Selenium	3.8	U*	12/15/2024	0403
7440-22-4	Silver	1.1	U*	12/15/2024	0403
7440-23-5	Sodium	540	U	12/15/2024	0403
7440-28-0	Thallium	1.4	J	12/15/2024	0403
7440-62-2	Vanadium	16		12/15/2024	0403
7440-66-6	Zinc	130	*	12/15/2024	0403

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-07

% 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	7800		12/15/2024	0407
7440-36-0	Antimony	2.6	J*	12/15/2024	0407
7440-38-2	Arsenic	9.7		12/15/2024	0407
7440-39-3	Barium	120		12/15/2024	0407
7440-41-7	Beryllium	0.68		12/15/2024	0407
7440-43-9	Cadmium	0.63		12/15/2024	0407
7440-70-2	Calcium	8900		12/15/2024	0407
7440-47-3	Chromium	13	*	12/15/2024	0407
7440-48-4	Cobalt	9.9	*	12/15/2024	0407
7440-50-8	Copper	32		12/15/2024	0407
7439-89-6	Iron	17000		12/15/2024	0407
7439-92-1	Lead	51		12/15/2024	0407
7439-95-4	Magnesium	2700		12/15/2024	0407
7439-96-5	Manganese	380		12/15/2024	0407
7440-02-0	Nickel	15		12/15/2024	0407
7440-09-7	Potassium	590		12/15/2024	0407
7782-49-2	Selenium	3.8	U*	12/15/2024	0407
7440-22-4	Silver	1.1	U*	12/15/2024	0407
7440-23-5	Sodium	120	J	12/15/2024	0407
7440-28-0	Thallium	2.7	U	12/15/2024	0407
7440-62-2	Vanadium	21		12/15/2024	0407
7440-66-6	Zinc	98	*	12/15/2024	0407

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-08

% Solids: 75.5 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	7900		12/15/2024	0410
7440-36-0	Antimony	2.7	J*	12/15/2024	0410
7440-38-2	Arsenic	7.9		12/15/2024	0410
7440-39-3	Barium	120		12/15/2024	0410
7440-41-7	Beryllium	0.64		12/15/2024	0410
7440-43-9	Cadmium	1.7		12/15/2024	0410
7440-70-2	Calcium	5100		12/15/2024	0410
7440-47-3	Chromium	16	*	12/15/2024	0410
7440-48-4	Cobalt	10	*	12/15/2024	0410
7440-50-8	Copper	26		12/15/2024	0410
7439-89-6	Iron	16000		12/15/2024	0410
7439-92-1	Lead	150		12/15/2024	0410
7439-95-4	Magnesium	2700		12/15/2024	0410
7439-96-5	Manganese	670		12/15/2024	0410
7440-02-0	Nickel	23		12/15/2024	0410
7440-09-7	Potassium	770		12/15/2024	0410
7782-49-2	Selenium	1.5	J*	12/15/2024	0410
7440-22-4	Silver	1.1	U*	12/15/2024	0410
7440-23-5	Sodium	560	U	12/15/2024	0410
7440-28-0	Thallium	2.8	U	12/15/2024	0410
7440-62-2	Vanadium	16		12/15/2024	0410
7440-66-6	Zinc	180	*	12/15/2024	0410

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-09

% Solids: 80.5 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	7500		12/15/2024	0414
7440-36-0	Antimony	2.8	J*	12/15/2024	0414
7440-38-2	Arsenic	8.2		12/15/2024	0414
7440-39-3	Barium	110		12/15/2024	0414
7440-41-7	Beryllium	0.65		12/15/2024	0414
7440-43-9	Cadmium	1.2		12/15/2024	0414
7440-70-2	Calcium	4400		12/15/2024	0414
7440-47-3	Chromium	15	*	12/15/2024	0414
7440-48-4	Cobalt	10	*	12/15/2024	0414
7440-50-8	Copper	25		12/15/2024	0414
7439-89-6	Iron	16000		12/15/2024	0414
7439-92-1	Lead	150		12/15/2024	0414
7439-95-4	Magnesium	2500		12/15/2024	0414
7439-96-5	Manganese	690		12/15/2024	0414
7440-02-0	Nickel	23		12/15/2024	0414
7440-09-7	Potassium	860		12/15/2024	0414
7782-49-2	Selenium	1.7	J*	12/15/2024	0414
7440-22-4	Silver	1.1	U*	12/15/2024	0414
7440-23-5	Sodium	570	U	12/15/2024	0414
7440-28-0	Thallium	2.8	U	12/15/2024	0414
7440-62-2	Vanadium	17		12/15/2024	0414
7440-66-6	Zinc	160	*	12/15/2024	0414

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-10

% Solids: 85.5 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	7500		12/15/2024	0418
7440-36-0	Antimony	3.3	J*	12/15/2024	0418
7440-38-2	Arsenic	9.0		12/15/2024	0418
7440-39-3	Barium	120		12/15/2024	0418
7440-41-7	Beryllium	0.70		12/15/2024	0418
7440-43-9	Cadmium	1.2		12/15/2024	0418
7440-70-2	Calcium	5800		12/15/2024	0418
7440-47-3	Chromium	14	*	12/15/2024	0418
7440-48-4	Cobalt	11	*	12/15/2024	0418
7440-50-8	Copper	24		12/15/2024	0418
7439-89-6	Iron	19000		12/15/2024	0418
7439-92-1	Lead	170		12/15/2024	0418
7439-95-4	Magnesium	2800		12/15/2024	0418
7439-96-5	Manganese	720		12/15/2024	0418
7440-02-0	Nickel	24		12/15/2024	0418
7440-09-7	Potassium	880		12/15/2024	0418
7782-49-2	Selenium	1.6	J*	12/15/2024	0418
7440-22-4	Silver	1.0	U*	12/15/2024	0418
7440-23-5	Sodium	510	U	12/15/2024	0418
7440-28-0	Thallium	0.78	J	12/15/2024	0418
7440-62-2	Vanadium	16		12/15/2024	0418
7440-66-6	Zinc	180	*	12/15/2024	0418

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-11

% Solids: 85 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	7900		12/15/2024	0422
7440-36-0	Antimony	3.4	J*	12/15/2024	0422
7440-38-2	Arsenic	11		12/15/2024	0422
7440-39-3	Barium	140		12/15/2024	0422
7440-41-7	Beryllium	0.72		12/15/2024	0422
7440-43-9	Cadmium	1.1		12/15/2024	0422
7440-70-2	Calcium	8600		12/15/2024	0422
7440-47-3	Chromium	14	*	12/15/2024	0422
7440-48-4	Cobalt	12	*	12/15/2024	0422
7440-50-8	Copper	28		12/15/2024	0422
7439-89-6	Iron	21000		12/15/2024	0422
7439-92-1	Lead	140		12/15/2024	0422
7439-95-4	Magnesium	3000		12/15/2024	0422
7439-96-5	Manganese	780		12/15/2024	0422
7440-02-0	Nickel	24		12/15/2024	0422
7440-09-7	Potassium	930		12/15/2024	0422
7782-49-2	Selenium	1.4	J*	12/15/2024	0422
7440-22-4	Silver	1.0	U*	12/15/2024	0422
7440-23-5	Sodium	520	U	12/15/2024	0422
7440-28-0	Thallium	0.90	J	12/15/2024	0422
7440-62-2	Vanadium	17		12/15/2024	0422
7440-66-6	Zinc	160	*	12/15/2024	0422

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-12

% 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	8200		12/15/2024	0426
7440-36-0	Antimony	2.1	J*	12/15/2024	0426
7440-38-2	Arsenic	7.6		12/15/2024	0426
7440-39-3	Barium	150		12/15/2024	0426
7440-41-7	Beryllium	0.63		12/15/2024	0426
7440-43-9	Cadmium	0.81		12/15/2024	0426
7440-70-2	Calcium	8500		12/15/2024	0426
7440-47-3	Chromium	17	*	12/15/2024	0426
7440-48-4	Cobalt	9.6	*	12/15/2024	0426
7440-50-8	Copper	29		12/15/2024	0426
7439-89-6	Iron	14000		12/15/2024	0426
7439-92-1	Lead	120		12/15/2024	0426
7439-95-4	Magnesium	2800		12/15/2024	0426
7439-96-5	Manganese	530		12/15/2024	0426
7440-02-0	Nickel	19		12/15/2024	0426
7440-09-7	Potassium	1000		12/15/2024	0426
7782-49-2	Selenium	3.6	U*	12/15/2024	0426
7440-22-4	Silver	1.0	U*	12/15/2024	0426
7440-23-5	Sodium	520	U	12/15/2024	0426
7440-28-0	Thallium	1.0	J	12/15/2024	0426
7440-62-2	Vanadium	14		12/15/2024	0426
7440-66-6	Zinc	150	*	12/15/2024	0426

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-13

% Solids: 83.3 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	9900		12/15/2024	0429
7440-36-0	Antimony	4.0	J*	12/15/2024	0429
7440-38-2	Arsenic	10		12/15/2024	0429
7440-39-3	Barium	150		12/15/2024	0429
7440-41-7	Beryllium	0.77		12/15/2024	0429
7440-43-9	Cadmium	0.76		12/15/2024	0429
7440-70-2	Calcium	7600		12/15/2024	0429
7440-47-3	Chromium	17	*	12/15/2024	0429
7440-48-4	Cobalt	12	*	12/15/2024	0429
7440-50-8	Copper	20		12/15/2024	0429
7439-89-6	Iron	23000		12/15/2024	0429
7439-92-1	Lead	53		12/15/2024	0429
7439-95-4	Magnesium	3400		12/15/2024	0429
7439-96-5	Manganese	700		12/15/2024	0429
7440-02-0	Nickel	20		12/15/2024	0429
7440-09-7	Potassium	810		12/15/2024	0429
7782-49-2	Selenium	1.8	J*	12/15/2024	0429
7440-22-4	Silver	1.1	U*	12/15/2024	0429
7440-23-5	Sodium	540	U	12/15/2024	0429
7440-28-0	Thallium	2.7	U	12/15/2024	0429
7440-62-2	Vanadium	20		12/15/2024	0429
7440-66-6	Zinc	180	*	12/15/2024	0429

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJN9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-14

% Solids: 88.3 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	7500		12/15/2024	0433
7440-36-0	Antimony	3.2	J*	12/15/2024	0433
7440-38-2	Arsenic	6.5		12/15/2024	0433
7440-39-3	Barium	110		12/15/2024	0433
7440-41-7	Beryllium	0.58		12/15/2024	0433
7440-43-9	Cadmium	0.50	J	12/15/2024	0433
7440-70-2	Calcium	5000		12/15/2024	0433
7440-47-3	Chromium	14	*	12/15/2024	0433
7440-48-4	Cobalt	9.8	*	12/15/2024	0433
7440-50-8	Copper	10		12/15/2024	0433
7439-89-6	Iron	19000		12/15/2024	0433
7439-92-1	Lead	30		12/15/2024	0433
7439-95-4	Magnesium	2800		12/15/2024	0433
7439-96-5	Manganese	620		12/15/2024	0433
7440-02-0	Nickel	16		12/15/2024	0433
7440-09-7	Potassium	640		12/15/2024	0433
7782-49-2	Selenium	1.7	J*	12/15/2024	0433
7440-22-4	Silver	1.0	U*	12/15/2024	0433
7440-23-5	Sodium	520	U	12/15/2024	0433
7440-28-0	Thallium	2.6	U	12/15/2024	0433
7440-62-2	Vanadium	14		12/15/2024	0433
7440-66-6	Zinc	130	*	12/15/2024	0433

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-15

% Solids: 79.6 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	7700		12/15/2024	0437
7440-36-0	Antimony	3.1	J*	12/15/2024	0437
7440-38-2	Arsenic	8.5		12/15/2024	0437
7440-39-3	Barium	120		12/15/2024	0437
7440-41-7	Beryllium	0.72		12/15/2024	0437
7440-43-9	Cadmium	0.83		12/15/2024	0437
7440-70-2	Calcium	6200		12/15/2024	0437
7440-47-3	Chromium	17	*	12/15/2024	0437
7440-48-4	Cobalt	10	*	12/15/2024	0437
7440-50-8	Copper	26		12/15/2024	0437
7439-89-6	Iron	18000		12/15/2024	0437
7439-92-1	Lead	270		12/15/2024	0437
7439-95-4	Magnesium	3100		12/15/2024	0437
7439-96-5	Manganese	600		12/15/2024	0437
7440-02-0	Nickel	25		12/15/2024	0437
7440-09-7	Potassium	1100		12/15/2024	0437
7782-49-2	Selenium	1.6	J*	12/15/2024	0437
7440-22-4	Silver	1.1	U*	12/15/2024	0437
7440-23-5	Sodium	560	U	12/15/2024	0437
7440-28-0	Thallium	2.8	U	12/15/2024	0437
7440-62-2	Vanadium	18		12/15/2024	0437
7440-66-6	Zinc	200	*	12/15/2024	0437

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-16

% Solids: 85.6 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	7000		12/15/2024	0441
7440-36-0	Antimony	2.3	J*	12/15/2024	0441
7440-38-2	Arsenic	8.4		12/15/2024	0441
7440-39-3	Barium	120		12/15/2024	0441
7440-41-7	Beryllium	0.62		12/15/2024	0441
7440-43-9	Cadmium	0.88		12/15/2024	0441
7440-70-2	Calcium	4800		12/15/2024	0441
7440-47-3	Chromium	14	*	12/15/2024	0441
7440-48-4	Cobalt	10	*	12/15/2024	0441
7440-50-8	Copper	25		12/15/2024	0441
7439-89-6	Iron	14000		12/15/2024	0441
7439-92-1	Lead	180		12/15/2024	0441
7439-95-4	Magnesium	2800		12/15/2024	0441
7439-96-5	Manganese	690		12/15/2024	0441
7440-02-0	Nickel	25		12/15/2024	0441
7440-09-7	Potassium	920		12/15/2024	0441
7782-49-2	Selenium	1.1	J*	12/15/2024	0441
7440-22-4	Silver	0.83	U*	12/15/2024	0441
7440-23-5	Sodium	86	J	12/15/2024	0441
7440-28-0	Thallium	0.72	J	12/15/2024	0441
7440-62-2	Vanadium	16		12/15/2024	0441
7440-66-6	Zinc	200	*	12/15/2024	0441

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-17

% Solids: 86.2 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	7700		12/15/2024	0445
7440-36-0	Antimony	5.1	J*	12/15/2024	0445
7440-38-2	Arsenic	7.9		12/15/2024	0445
7440-39-3	Barium	110		12/15/2024	0445
7440-41-7	Beryllium	0.79		12/15/2024	0445
7440-43-9	Cadmium	0.92		12/15/2024	0445
7440-70-2	Calcium	6400		12/15/2024	0445
7440-47-3	Chromium	12	*	12/15/2024	0445
7440-48-4	Cobalt	12	*	12/15/2024	0445
7440-50-8	Copper	17		12/15/2024	0445
7439-89-6	Iron	28000		12/15/2024	0445
7439-92-1	Lead	110		12/15/2024	0445
7439-95-4	Magnesium	3100		12/15/2024	0445
7439-96-5	Manganese	660		12/15/2024	0445
7440-02-0	Nickel	23		12/15/2024	0445
7440-09-7	Potassium	980		12/15/2024	0445
7782-49-2	Selenium	2.4	J*	12/15/2024	0445
7440-22-4	Silver	0.91	U*	12/15/2024	0445
7440-23-5	Sodium	92	J	12/15/2024	0445
7440-28-0	Thallium	2.3	U	12/15/2024	0445
7440-62-2	Vanadium	16		12/15/2024	0445
7440-66-6	Zinc	150	*	12/15/2024	0445

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-18

% Solids: 85.5 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	8600		12/15/2024	0449
7440-36-0	Antimony	3.9	J*	12/15/2024	0449
7440-38-2	Arsenic	11		12/15/2024	0449
7440-39-3	Barium	110		12/15/2024	0449
7440-41-7	Beryllium	0.78		12/15/2024	0449
7440-43-9	Cadmium	0.81		12/15/2024	0449
7440-70-2	Calcium	7500		12/15/2024	0449
7440-47-3	Chromium	13	*	12/15/2024	0449
7440-48-4	Cobalt	12	*	12/15/2024	0449
7440-50-8	Copper	17		12/15/2024	0449
7439-89-6	Iron	22000		12/15/2024	0449
7439-92-1	Lead	66		12/15/2024	0449
7439-95-4	Magnesium	3300		12/15/2024	0449
7439-96-5	Manganese	580		12/15/2024	0449
7440-02-0	Nickel	21		12/15/2024	0449
7440-09-7	Potassium	910		12/15/2024	0449
7782-49-2	Selenium	1.1	J*	12/15/2024	0449
7440-22-4	Silver	1.0	U*	12/15/2024	0449
7440-23-5	Sodium	100	J	12/15/2024	0449
7440-28-0	Thallium	2.5	U	12/15/2024	0449
7440-62-2	Vanadium	19		12/15/2024	0449
7440-66-6	Zinc	160	*	12/15/2024	0449

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-19

% Solids: 86.4 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	8400		12/15/2024	0452
7440-36-0	Antimony	3.7	J*	12/15/2024	0452
7440-38-2	Arsenic	7.2		12/15/2024	0452
7440-39-3	Barium	90		12/15/2024	0452
7440-41-7	Beryllium	0.70		12/15/2024	0452
7440-43-9	Cadmium	0.58		12/15/2024	0452
7440-70-2	Calcium	5200		12/15/2024	0452
7440-47-3	Chromium	13	*	12/15/2024	0452
7440-48-4	Cobalt	11	*	12/15/2024	0452
7440-50-8	Copper	12		12/15/2024	0452
7439-89-6	Iron	20000		12/15/2024	0452
7439-92-1	Lead	49		12/15/2024	0452
7439-95-4	Magnesium	3300		12/15/2024	0452
7439-96-5	Manganese	520		12/15/2024	0452
7440-02-0	Nickel	20		12/15/2024	0452
7440-09-7	Potassium	710		12/15/2024	0452
7782-49-2	Selenium	1.5	J*	12/15/2024	0452
7440-22-4	Silver	1.1	U*	12/15/2024	0452
7440-23-5	Sodium	530	U	12/15/2024	0452
7440-28-0	Thallium	2.6	U	12/15/2024	0452
7440-62-2	Vanadium	17		12/15/2024	0452
7440-66-6	Zinc	170	*	12/15/2024	0452

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJP5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJM6

Matrix: SOIL Lab Sample ID: P5011-20

% Solids: 88.5 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	7100		12/15/2024	0456
7440-36-0	Antimony	3.1	J*	12/15/2024	0456
7440-38-2	Arsenic	8.2		12/15/2024	0456
7440-39-3	Barium	82		12/15/2024	0456
7440-41-7	Beryllium	0.63		12/15/2024	0456
7440-43-9	Cadmium	0.62		12/15/2024	0456
7440-70-2	Calcium	9500		12/15/2024	0456
7440-47-3	Chromium	11	*	12/15/2024	0456
7440-48-4	Cobalt	13	*	12/15/2024	0456
7440-50-8	Copper	11		12/15/2024	0456
7439-89-6	Iron	20000		12/15/2024	0456
7439-92-1	Lead	33		12/15/2024	0456
7439-95-4	Magnesium	4500		12/15/2024	0456
7439-96-5	Manganese	590		12/15/2024	0456
7440-02-0	Nickel	20		12/15/2024	0456
7440-09-7	Potassium	630		12/15/2024	0456
7782-49-2	Selenium	0.90	J*	12/15/2024	0456
7440-22-4	Silver	0.96	U*	12/15/2024	0456
7440-23-5	Sodium	110	J	12/15/2024	0456
7440-28-0	Thallium	2.4	U	12/15/2024	0456
7440-62-2	Vanadium	17		12/15/2024	0456
7440-66-6	Zinc	120	*	12/15/2024	0456

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

Comments: