

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCH8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-15

% Solids: 79.9 Date Received: 10/23/2024

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		11/01/2024	0254
7440-36-0	Antimony	5.7	U*	11/01/2024	0254
7440-38-2	Arsenic	0.96	U*	11/01/2024	0254
7440-39-3	Barium	76		11/01/2024	0254
7440-41-7	Beryllium	0.65		11/01/2024	0254
7440-43-9	Cadmium	1.3		11/01/2024	0254
7440-70-2	Calcium	120000	D	11/07/2024	2354
7440-47-3	Chromium	500		11/01/2024	0254
7440-48-4	Cobalt	37		11/01/2024	0254
7440-50-8	Copper	43		11/01/2024	0254
7439-89-6	Iron	33000		11/01/2024	0254
7439-92-1	Lead	10	*	11/01/2024	0254
7439-95-4	Magnesium	66000		11/01/2024	0254
7439-96-5	Manganese	520		11/01/2024	0254
7440-02-0	Nickel	730	D	11/07/2024	2354
7440-09-7	Potassium	730		11/01/2024	0254
7782-49-2	Selenium	3.3	U*	11/01/2024	0254
7440-22-4	Silver	0.96	U	11/01/2024	0254
7440-23-5	Sodium	1500		11/01/2024	0254
7440-28-0	Thallium	2.4	U*	11/01/2024	0254
7440-62-2	Vanadium	69		11/01/2024	0254
7440-66-6	Zinc	74		11/01/2024	0254

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

Comments:

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MBHCH9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-16

% Solids: 86.6 Date Received: 10/23/2024

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		11/01/2024	0259
7440-36-0	Antimony	0.35	J*	11/01/2024	0259
7440-38-2	Arsenic	0.79	U*	11/01/2024	0259
7440-39-3	Barium	45		11/01/2024	0259
7440-41-7	Beryllium	0.65		11/01/2024	0259
7440-43-9	Cadmium	0.99		11/01/2024	0259
7440-70-2	Calcium	42000		11/01/2024	0259
7440-47-3	Chromium	520		11/01/2024	0259
7440-48-4	Cobalt	33		11/01/2024	0259
7440-50-8	Copper	21		11/01/2024	0259
7439-89-6	Iron	32000		11/01/2024	0259
7439-92-1	Lead	10	*	11/01/2024	0259
7439-95-4	Magnesium	56000		11/01/2024	0259
7439-96-5	Manganese	390		11/01/2024	0259
7440-02-0	Nickel	720	D	11/07/2024	2359
7440-09-7	Potassium	680		11/01/2024	0259
7782-49-2	Selenium	2.8	U*	11/01/2024	0259
7440-22-4	Silver	0.79	U	11/01/2024	0259
7440-23-5	Sodium	940		11/01/2024	0259
7440-28-0	Thallium	2.0	U*	11/01/2024	0259
7440-62-2	Vanadium	67		11/01/2024	0259
7440-66-6	Zinc	38		11/01/2024	0259

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

Comments:

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MBHCJ0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-17

% Solids: 80.9 Date Received: 10/23/2024

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	14000		11/01/2024	0303
7440-36-0	Antimony	5.3	U*	11/01/2024	0303
7440-38-2	Arsenic	0.88	U*	11/01/2024	0303
7440-39-3	Barium	85		11/01/2024	0303
7440-41-7	Beryllium	0.83		11/01/2024	0303
7440-43-9	Cadmium	1.2		11/01/2024	0303
7440-70-2	Calcium	64000		11/01/2024	0303
7440-47-3	Chromium	280		11/01/2024	0303
7440-48-4	Cobalt	33		11/01/2024	0303
7440-50-8	Copper	33		11/01/2024	0303
7439-89-6	Iron	34000		11/01/2024	0303
7439-92-1	Lead	8.6	*	11/01/2024	0303
7439-95-4	Magnesium	33000		11/01/2024	0303
7439-96-5	Manganese	760		11/01/2024	0303
7440-02-0	Nickel	360		11/01/2024	0303
7440-09-7	Potassium	1400		11/01/2024	0303
7782-49-2	Selenium	3.1	U*	11/01/2024	0303
7440-22-4	Silver	0.88	U	11/01/2024	0303
7440-23-5	Sodium	1000		11/01/2024	0303
7440-28-0	Thallium	2.2	U*	11/01/2024	0303
7440-62-2	Vanadium	92		11/01/2024	0303
7440-66-6	Zinc	48		11/01/2024	0303

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

Comments:

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MBHCJ1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-18

% Solids: 77.2 Date Received: 10/23/2024

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	17000		11/01/2024	0308
7440-36-0	Antimony	6.2	U*	11/01/2024	0308
7440-38-2	Arsenic	1.0	U*	11/01/2024	0308
7440-39-3	Barium	34		11/01/2024	0308
7440-41-7	Beryllium	1.0		11/01/2024	0308
7440-43-9	Cadmium	1.4		11/01/2024	0308
7440-70-2	Calcium	61000		11/01/2024	0308
7440-47-3	Chromium	170		11/01/2024	0308
7440-48-4	Cobalt	32		11/01/2024	0308
7440-50-8	Copper	38		11/01/2024	0308
7439-89-6	Iron	39000		11/01/2024	0308
7439-92-1	Lead	9.1	*	11/01/2024	0308
7439-95-4	Magnesium	20000		11/01/2024	0308
7439-96-5	Manganese	450		11/01/2024	0308
7440-02-0	Nickel	190		11/01/2024	0308
7440-09-7	Potassium	1400		11/01/2024	0308
7782-49-2	Selenium	3.6	U*	11/01/2024	0308
7440-22-4	Silver	1.0	U	11/01/2024	0308
7440-23-5	Sodium	820		11/01/2024	0308
7440-28-0	Thallium	2.6	U*	11/01/2024	0308
7440-62-2	Vanadium	130		11/01/2024	0308
7440-66-6	Zinc	61		11/01/2024	0308

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

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MBHCJ2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-19

% Solids: 75.7 Date Received: 10/23/2024

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	15000		11/01/2024	0312
7440-36-0	Antimony	5.9	U*	11/01/2024	0312
7440-38-2	Arsenic	0.99	U*	11/01/2024	0312
7440-39-3	Barium	43		11/01/2024	0312
7440-41-7	Beryllium	1.2		11/01/2024	0312
7440-43-9	Cadmium	1.6		11/01/2024	0312
7440-70-2	Calcium	55000		11/01/2024	0312
7440-47-3	Chromium	140		11/01/2024	0312
7440-48-4	Cobalt	30		11/01/2024	0312
7440-50-8	Copper	47		11/01/2024	0312
7439-89-6	Iron	47000		11/01/2024	0312
7439-92-1	Lead	11	*	11/01/2024	0312
7439-95-4	Magnesium	22000		11/01/2024	0312
7439-96-5	Manganese	480		11/01/2024	0312
7440-02-0	Nickel	190		11/01/2024	0312
7440-09-7	Potassium	1300		11/01/2024	0312
7782-49-2	Selenium	3.5	U*	11/01/2024	0312
7440-22-4	Silver	0.99	U	11/01/2024	0312
7440-23-5	Sodium	970		11/01/2024	0312
7440-28-0	Thallium	2.5	U*	11/01/2024	0312
7440-62-2	Vanadium	120		11/01/2024	0312
7440-66-6	Zinc	61		11/01/2024	0312

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

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MBHCJ3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-20

% Solids: 86.9 Date Received: 10/23/2024

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		11/01/2024	0316
7440-36-0	Antimony	6.0	U*	11/01/2024	0316
7440-38-2	Arsenic	1.0	U*	11/01/2024	0316
7440-39-3	Barium	55		11/01/2024	0316
7440-41-7	Beryllium	0.59		11/01/2024	0316
7440-43-9	Cadmium	1.1		11/01/2024	0316
7440-70-2	Calcium	180000	D	11/08/2024	0003
7440-47-3	Chromium	380		11/01/2024	0316
7440-48-4	Cobalt	41		11/01/2024	0316
7440-50-8	Copper	19		11/01/2024	0316
7439-89-6	Iron	28000		11/01/2024	0316
7439-92-1	Lead	7.0	*	11/01/2024	0316
7439-95-4	Magnesium	57000		11/01/2024	0316
7439-96-5	Manganese	520		11/01/2024	0316
7440-02-0	Nickel	680	D	11/08/2024	0003
7440-09-7	Potassium	920		11/01/2024	0316
7782-49-2	Selenium	3.5	U*	11/01/2024	0316
7440-22-4	Silver	0.83	J	11/01/2024	0316
7440-23-5	Sodium	1100		11/01/2024	0316
7440-28-0	Thallium	2.5	U*	11/01/2024	0316
7440-62-2	Vanadium	65		11/01/2024	0316
7440-66-6	Zinc	39		11/01/2024	0316

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

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MBHCJ5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-21

% Solids: 84.3 Date Received: 10/23/2024

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	10000		11/01/2024	0330
7440-36-0	Antimony	4.8	U*	11/01/2024	0330
7440-38-2	Arsenic	0.81	U*	11/01/2024	0330
7440-39-3	Barium	50		11/01/2024	0330
7440-41-7	Beryllium	0.60		11/01/2024	0330
7440-43-9	Cadmium	1.1		11/01/2024	0330
7440-70-2	Calcium	170000	D	11/08/2024	0008
7440-47-3	Chromium	270		11/01/2024	0330
7440-48-4	Cobalt	23		11/01/2024	0330
7440-50-8	Copper	28		11/01/2024	0330
7439-89-6	Iron	24000		11/01/2024	0330
7439-92-1	Lead	17	*	11/01/2024	0330
7439-95-4	Magnesium	25000		11/01/2024	0330
7439-96-5	Manganese	360		11/01/2024	0330
7440-02-0	Nickel	260		11/01/2024	0330
7440-09-7	Potassium	950		11/01/2024	0330
7782-49-2	Selenium	2.8	U*	11/01/2024	0330
7440-22-4	Silver	0.79	J	11/01/2024	0330
7440-23-5	Sodium	570		11/01/2024	0330
7440-28-0	Thallium	2.0	U*	11/01/2024	0330
7440-62-2	Vanadium	77		11/01/2024	0330
7440-66-6	Zinc	58		11/01/2024	0330

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

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MBHCJ6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-22

% Solids: 80.7 Date Received: 10/23/2024

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	11000		11/01/2024	0334
7440-36-0	Antimony	5.4	U*	11/01/2024	0334
7440-38-2	Arsenic	0.89	U*	11/01/2024	0334
7440-39-3	Barium	69		11/01/2024	0334
7440-41-7	Beryllium	0.78		11/01/2024	0334
7440-43-9	Cadmium	1.3		11/01/2024	0334
7440-70-2	Calcium	130000	D	11/08/2024	0012
7440-47-3	Chromium	220		11/01/2024	0334
7440-48-4	Cobalt	28		11/01/2024	0334
7440-50-8	Copper	32		11/01/2024	0334
7439-89-6	Iron	33000		11/01/2024	0334
7439-92-1	Lead	15	*	11/01/2024	0334
7439-95-4	Magnesium	26000		11/01/2024	0334
7439-96-5	Manganese	470		11/01/2024	0334
7440-02-0	Nickel	280		11/01/2024	0334
7440-09-7	Potassium	1000		11/01/2024	0334
7782-49-2	Selenium	3.1	U*	11/01/2024	0334
7440-22-4	Silver	0.89	U	11/01/2024	0334
7440-23-5	Sodium	680		11/01/2024	0334
7440-28-0	Thallium	2.2	U*	11/01/2024	0334
7440-62-2	Vanadium	90		11/01/2024	0334
7440-66-6	Zinc	62		11/01/2024	0334

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

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MBHDD1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-01

% Solids: 82.7 Date Received: 10/23/2024

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	15000		11/01/2024	0139
7440-36-0	Antimony	0.52	J*	11/01/2024	0139
7440-38-2	Arsenic	1.0	U*	11/01/2024	0139
7440-39-3	Barium	35		11/01/2024	0139
7440-41-7	Beryllium	1.0		11/01/2024	0139
7440-43-9	Cadmium	1.4		11/01/2024	0139
7440-70-2	Calcium	68000		11/01/2024	0139
7440-47-3	Chromium	160		11/01/2024	0139
7440-48-4	Cobalt	29		11/01/2024	0139
7440-50-8	Copper	40		11/01/2024	0139
7439-89-6	Iron	40000		11/01/2024	0139
7439-92-1	Lead	9.2	*	11/01/2024	0139
7439-95-4	Magnesium	20000		11/01/2024	0139
7439-96-5	Manganese	510		11/01/2024	0139
7440-02-0	Nickel	170		11/01/2024	0139
7440-09-7	Potassium	1100		11/01/2024	0139
7782-49-2	Selenium	3.5	U*	11/01/2024	0139
7440-22-4	Silver	1.0	U	11/01/2024	0139
7440-23-5	Sodium	1900		11/01/2024	0139
7440-28-0	Thallium	2.5	U*	11/01/2024	0139
7440-62-2	Vanadium	110		11/01/2024	0139
7440-66-6	Zinc	59		11/01/2024	0139

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

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MBHDD2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-02

% Solids: 83.3 Date Received: 10/23/2024

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	12000		11/01/2024	0152
7440-36-0	Antimony	0.72	J*	11/01/2024	0152
7440-38-2	Arsenic	0.82	U*	11/01/2024	0152
7440-39-3	Barium	59		11/01/2024	0152
7440-41-7	Beryllium	0.79		11/01/2024	0152
7440-43-9	Cadmium	1.3		11/01/2024	0152
7440-70-2	Calcium	130000	D	11/07/2024	2239
7440-47-3	Chromium	240		11/01/2024	0152
7440-48-4	Cobalt	29		11/01/2024	0152
7440-50-8	Copper	30		11/01/2024	0152
7439-89-6	Iron	33000		11/01/2024	0152
7439-92-1	Lead	7.8	*	11/01/2024	0152
7439-95-4	Magnesium	30000		11/01/2024	0152
7439-96-5	Manganese	460		11/01/2024	0152
7440-02-0	Nickel	340		11/01/2024	0152
7440-09-7	Potassium	1100		11/01/2024	0152
7782-49-2	Selenium	2.9	U*	11/01/2024	0152
7440-22-4	Silver	0.82	U	11/01/2024	0152
7440-23-5	Sodium	2400		11/01/2024	0152
7440-28-0	Thallium	2.0	U*	11/01/2024	0152
7440-62-2	Vanadium	100		11/01/2024	0152
7440-66-6	Zinc	40		11/01/2024	0152

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

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MBHDD8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-03

% Solids: 94.7 Date Received: 10/23/2024

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		11/01/2024	0156
7440-36-0	Antimony	4.9	U*	11/01/2024	0156
7440-38-2	Arsenic	0.81	U*	11/01/2024	0156
7440-39-3	Barium	35		11/01/2024	0156
7440-41-7	Beryllium	0.44		11/01/2024	0156
7440-43-9	Cadmium	1.4		11/01/2024	0156
7440-70-2	Calcium	71000	D	11/07/2024	2244
7440-47-3	Chromium	800		11/01/2024	0156
7440-48-4	Cobalt	76		11/01/2024	0156
7440-50-8	Copper	21		11/01/2024	0156
7439-89-6	Iron	33000		11/01/2024	0156
7439-92-1	Lead	7.6	*	11/01/2024	0156
7439-95-4	Magnesium	150000	D	11/07/2024	2248
7439-96-5	Manganese	640		11/01/2024	0156
7440-02-0	Nickel	1500	D	11/07/2024	2248
7440-09-7	Potassium	320	J	11/01/2024	0156
7782-49-2	Selenium	2.8	U*	11/01/2024	0156
7440-22-4	Silver	0.81	U	11/01/2024	0156
7440-23-5	Sodium	340	J	11/01/2024	0156
7440-28-0	Thallium	2.0	U*	11/01/2024	0156
7440-62-2	Vanadium	40		11/01/2024	0156
7440-66-6	Zinc	45		11/01/2024	0156

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDD9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-04

% Solids: 90 Date Received: 10/23/2024

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	11000		11/01/2024	0201
7440-36-0	Antimony	0.43	J*	11/01/2024	0201
7440-38-2	Arsenic	0.78	U*	11/01/2024	0201
7440-39-3	Barium	97		11/01/2024	0201
7440-41-7	Beryllium	0.66		11/01/2024	0201
7440-43-9	Cadmium	1.4		11/01/2024	0201
7440-70-2	Calcium	110000	D	11/07/2024	2253
7440-47-3	Chromium	300		11/01/2024	0201
7440-48-4	Cobalt	30		11/01/2024	0201
7440-50-8	Copper	30		11/01/2024	0201
7439-89-6	Iron	29000		11/01/2024	0201
7439-92-1	Lead	85	*	11/01/2024	0201
7439-95-4	Magnesium	34000		11/01/2024	0201
7439-96-5	Manganese	480		11/01/2024	0201
7440-02-0	Nickel	430	D	11/07/2024	2253
7440-09-7	Potassium	1500		11/01/2024	0201
7782-49-2	Selenium	2.7	U*	11/01/2024	0201
7440-22-4	Silver	0.78	U	11/01/2024	0201
7440-23-5	Sodium	530		11/01/2024	0201
7440-28-0	Thallium	2.0	U*	11/01/2024	0201
7440-62-2	Vanadium	74		11/01/2024	0201
7440-66-6	Zinc	140		11/01/2024	0201

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDE0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-05

% Solids: 85.9 Date Received: 10/23/2024

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	11000		11/01/2024	0205
7440-36-0	Antimony	0.46	J*	11/01/2024	0205
7440-38-2	Arsenic	0.90	U*	11/01/2024	0205
7440-39-3	Barium	56		11/01/2024	0205
7440-41-7	Beryllium	0.70		11/01/2024	0205
7440-43-9	Cadmium	1.3		11/01/2024	0205
7440-70-2	Calcium	120000	D	11/07/2024	2257
7440-47-3	Chromium	250		11/01/2024	0205
7440-48-4	Cobalt	29		11/01/2024	0205
7440-50-8	Copper	32		11/01/2024	0205
7439-89-6	Iron	31000		11/01/2024	0205
7439-92-1	Lead	36	*	11/01/2024	0205
7439-95-4	Magnesium	28000		11/01/2024	0205
7439-96-5	Manganese	460		11/01/2024	0205
7440-02-0	Nickel	350		11/01/2024	0205
7440-09-7	Potassium	1300		11/01/2024	0205
7782-49-2	Selenium	3.1	U*	11/01/2024	0205
7440-22-4	Silver	0.90	U	11/01/2024	0205
7440-23-5	Sodium	460		11/01/2024	0205
7440-28-0	Thallium	2.2	U*	11/01/2024	0205
7440-62-2	Vanadium	77		11/01/2024	0205
7440-66-6	Zinc	130		11/01/2024	0205

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDE1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-06

% Solids: 76.4 Date Received: 10/23/2024

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	16000		11/01/2024	0210
7440-36-0	Antimony	5.5	U*	11/01/2024	0210
7440-38-2	Arsenic	0.92	U*	11/01/2024	0210
7440-39-3	Barium	72		11/01/2024	0210
7440-41-7	Beryllium	1.0		11/01/2024	0210
7440-43-9	Cadmium	1.4		11/01/2024	0210
7440-70-2	Calcium	48000		11/01/2024	0210
7440-47-3	Chromium	300		11/01/2024	0210
7440-48-4	Cobalt	44		11/01/2024	0210
7440-50-8	Copper	46		11/01/2024	0210
7439-89-6	Iron	41000		11/01/2024	0210
7439-92-1	Lead	9.7	*	11/01/2024	0210
7439-95-4	Magnesium	34000		11/01/2024	0210
7439-96-5	Manganese	560		11/01/2024	0210
7440-02-0	Nickel	480	D	11/07/2024	2301
7440-09-7	Potassium	1400		11/01/2024	0210
7782-49-2	Selenium	3.2	U*	11/01/2024	0210
7440-22-4	Silver	0.92	U	11/01/2024	0210
7440-23-5	Sodium	1100		11/01/2024	0210
7440-28-0	Thallium	2.3	U*	11/01/2024	0210
7440-62-2	Vanadium	110		11/01/2024	0210
7440-66-6	Zinc	54		11/01/2024	0210

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDE2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-07

% Solids: 78.3 Date Received: 10/23/2024

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	19000		11/01/2024	0214
7440-36-0	Antimony	0.65	J*	11/01/2024	0214
7440-38-2	Arsenic	0.88	U*	11/01/2024	0214
7440-39-3	Barium	130		11/01/2024	0214
7440-41-7	Beryllium	1.0		11/01/2024	0214
7440-43-9	Cadmium	1.4		11/01/2024	0214
7440-70-2	Calcium	49000		11/01/2024	0214
7440-47-3	Chromium	420		11/01/2024	0214
7440-48-4	Cobalt	51		11/01/2024	0214
7440-50-8	Copper	41		11/01/2024	0214
7439-89-6	Iron	42000		11/01/2024	0214
7439-92-1	Lead	9.9	*	11/01/2024	0214
7439-95-4	Magnesium	39000		11/01/2024	0214
7439-96-5	Manganese	770		11/01/2024	0214
7440-02-0	Nickel	650	D	11/07/2024	2306
7440-09-7	Potassium	1900		11/01/2024	0214
7782-49-2	Selenium	3.1	U*	11/01/2024	0214
7440-22-4	Silver	0.88	U	11/01/2024	0214
7440-23-5	Sodium	1200		11/01/2024	0214
7440-28-0	Thallium	2.2	U*	11/01/2024	0214
7440-62-2	Vanadium	100		11/01/2024	0214
7440-66-6	Zinc	49		11/01/2024	0214

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDE8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-08

% Solids: 86.8 Date Received: 10/23/2024

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	9000		11/01/2024	0219
7440-36-0	Antimony	0.34	J*	11/01/2024	0219
7440-38-2	Arsenic	3.7	*	11/01/2024	0219
7440-39-3	Barium	60		11/01/2024	0219
7440-41-7	Beryllium	0.53		11/01/2024	0219
7440-43-9	Cadmium	1.0		11/01/2024	0219
7440-70-2	Calcium	230000	D	11/07/2024	2310
7440-47-3	Chromium	150		11/01/2024	0219
7440-48-4	Cobalt	18		11/01/2024	0219
7440-50-8	Copper	14		11/01/2024	0219
7439-89-6	Iron	20000		11/01/2024	0219
7439-92-1	Lead	4.9	*	11/01/2024	0219
7439-95-4	Magnesium	22000		11/01/2024	0219
7439-96-5	Manganese	300		11/01/2024	0219
7440-02-0	Nickel	220		11/01/2024	0219
7440-09-7	Potassium	1500		11/01/2024	0219
7782-49-2	Selenium	2.7	U*	11/01/2024	0219
7440-22-4	Silver	1.5		11/01/2024	0219
7440-23-5	Sodium	380	J	11/01/2024	0219
7440-28-0	Thallium	1.9	U*	11/01/2024	0219
7440-62-2	Vanadium	63		11/01/2024	0219
7440-66-6	Zinc	30		11/01/2024	0219

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDE9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-09

% Solids: 83.5 Date Received: 10/23/2024

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	11000		11/01/2024	0223
7440-36-0	Antimony	5.0	U*	11/01/2024	0223
7440-38-2	Arsenic	0.80	J*	11/01/2024	0223
7440-39-3	Barium	65		11/01/2024	0223
7440-41-7	Beryllium	0.67		11/01/2024	0223
7440-43-9	Cadmium	1.2		11/01/2024	0223
7440-70-2	Calcium	170000	D	11/07/2024	2315
7440-47-3	Chromium	280		11/01/2024	0223
7440-48-4	Cobalt	25		11/01/2024	0223
7440-50-8	Copper	26		11/01/2024	0223
7439-89-6	Iron	27000		11/01/2024	0223
7439-92-1	Lead	19	*	11/01/2024	0223
7439-95-4	Magnesium	25000		11/01/2024	0223
7439-96-5	Manganese	410		11/01/2024	0223
7440-02-0	Nickel	270		11/01/2024	0223
7440-09-7	Potassium	1300		11/01/2024	0223
7782-49-2	Selenium	2.9	U*	11/01/2024	0223
7440-22-4	Silver	0.33	J	11/01/2024	0223
7440-23-5	Sodium	460		11/01/2024	0223
7440-28-0	Thallium	2.1	U*	11/01/2024	0223
7440-62-2	Vanadium	95		11/01/2024	0223
7440-66-6	Zinc	60		11/01/2024	0223

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDF0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-10

% Solids: 86.7 Date Received: 10/23/2024

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	15000		11/01/2024	0228
7440-36-0	Antimony	5.0	U*	11/01/2024	0228
7440-38-2	Arsenic	0.83	U*	11/01/2024	0228
7440-39-3	Barium	120		11/01/2024	0228
7440-41-7	Beryllium	0.94		11/01/2024	0228
7440-43-9	Cadmium	1.0		11/01/2024	0228
7440-70-2	Calcium	21000		11/01/2024	0228
7440-47-3	Chromium	350		11/01/2024	0228
7440-48-4	Cobalt	44		11/01/2024	0228
7440-50-8	Copper	42		11/01/2024	0228
7439-89-6	Iron	38000		11/01/2024	0228
7439-92-1	Lead	10	*	11/01/2024	0228
7439-95-4	Magnesium	40000		11/01/2024	0228
7439-96-5	Manganese	740		11/01/2024	0228
7440-02-0	Nickel	570	D	11/07/2024	2328
7440-09-7	Potassium	1100		11/01/2024	0228
7782-49-2	Selenium	2.9	U*	11/01/2024	0228
7440-22-4	Silver	0.83	U	11/01/2024	0228
7440-23-5	Sodium	560		11/01/2024	0228
7440-28-0	Thallium	2.1	U*	11/01/2024	0228
7440-62-2	Vanadium	100		11/01/2024	0228
7440-66-6	Zinc	48		11/01/2024	0228

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDF1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-13

% Solids: 85.6 Date Received: 10/23/2024

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		11/01/2024	0245
7440-36-0	Antimony	5.8	U*	11/01/2024	0245
7440-38-2	Arsenic	4.0	*	11/01/2024	0245
7440-39-3	Barium	25		11/01/2024	0245
7440-41-7	Beryllium	0.40	J	11/01/2024	0245
7440-43-9	Cadmium	1.1		11/01/2024	0245
7440-70-2	Calcium	270000	D	11/07/2024	2345
7440-47-3	Chromium	170		11/01/2024	0245
7440-48-4	Cobalt	19		11/01/2024	0245
7440-50-8	Copper	15		11/01/2024	0245
7439-89-6	Iron	18000		11/01/2024	0245
7439-92-1	Lead	3.7	*	11/01/2024	0245
7439-95-4	Magnesium	26000		11/01/2024	0245
7439-96-5	Manganese	280		11/01/2024	0245
7440-02-0	Nickel	270		11/01/2024	0245
7440-09-7	Potassium	650		11/01/2024	0245
7782-49-2	Selenium	3.4	U*	11/01/2024	0245
7440-22-4	Silver	2.6		11/01/2024	0245
7440-23-5	Sodium	450	J	11/01/2024	0245
7440-28-0	Thallium	2.4	U*	11/01/2024	0245
7440-62-2	Vanadium	39		11/01/2024	0245
7440-66-6	Zinc	32		11/01/2024	0245

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDF2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCH8

Matrix: SOIL Lab Sample ID: P4498-14

% Solids: 84 Date Received: 10/23/2024

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		11/01/2024	0250
7440-36-0	Antimony	0.61	J*	11/01/2024	0250
7440-38-2	Arsenic	9.3	*	11/01/2024	0250
7440-39-3	Barium	14	J	11/01/2024	0250
7440-41-7	Beryllium	0.28	J	11/01/2024	0250
7440-43-9	Cadmium	0.83		11/01/2024	0250
7440-70-2	Calcium	360000	D	11/07/2024	2350
7440-47-3	Chromium	37		11/01/2024	0250
7440-48-4	Cobalt	5.5		11/01/2024	0250
7440-50-8	Copper	8.9		11/01/2024	0250
7439-89-6	Iron	9000		11/01/2024	0250
7439-92-1	Lead	0.74	J*	11/01/2024	0250
7439-95-4	Magnesium	6800		11/01/2024	0250
7439-96-5	Manganese	170		11/01/2024	0250
7440-02-0	Nickel	50		11/01/2024	0250
7440-09-7	Potassium	490		11/01/2024	0250
7782-49-2	Selenium	3.0	U*	11/01/2024	0250
7440-22-4	Silver	4.2		11/01/2024	0250
7440-23-5	Sodium	460		11/01/2024	0250
7440-28-0	Thallium	2.2	U*	11/01/2024	0250
7440-62-2	Vanadium	27		11/01/2024	0250
7440-66-6	Zinc	15		11/01/2024	0250

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

Comments: