

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28M0

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-01

% Solids: 93.1 Date Received: 12/03/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.27	J	12/10/2024	1428
7440-38-2	Arsenic	2.6		12/10/2024	1428
7440-39-3	Barium	77		12/10/2024	1428
7440-41-7	Beryllium	0.95		12/10/2024	1428
7440-43-9	Cadmium	0.29	J	12/10/2024	1428
7440-47-3	Chromium	770	D	12/10/2024	1609
7440-48-4	Cobalt	2.6		12/10/2024	1428
7440-50-8	Copper	20	*	12/10/2024	1428
7439-92-1	Lead	12		12/10/2024	1428
7439-96-5	Manganese	19000	D	12/10/2024	1612
7440-02-0	Nickel	21	*	12/10/2024	1428
7782-49-2	Selenium	0.45	J	12/10/2024	1428
7440-22-4	Silver	0.099	J	12/10/2024	1428
7440-28-0	Thallium	0.058	J	12/10/2024	1428
7440-62-2	Vanadium	430	D	12/10/2024	1609
7440-66-6	Zinc	69		12/10/2024	1428

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

Comments:

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ME28M1

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-02

% Solids: 85.9 Date Received: 12/03/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.21	J	12/10/2024	1431
7440-38-2	Arsenic	2.3		12/10/2024	1431
7440-39-3	Barium	110		12/10/2024	1431
7440-41-7	Beryllium	1.6		12/10/2024	1431
7440-43-9	Cadmium	0.48		12/10/2024	1431
7440-47-3	Chromium	1200	D	12/10/2024	1615
7440-48-4	Cobalt	4.0		12/10/2024	1431
7440-50-8	Copper	23	*	12/10/2024	1431
7439-92-1	Lead	32		12/10/2024	1431
7439-96-5	Manganese	18000	D	12/10/2024	1615
7440-02-0	Nickel	160	*	12/10/2024	1431
7782-49-2	Selenium	1.0	J	12/10/2024	1431
7440-22-4	Silver	0.18	J	12/10/2024	1431
7440-28-0	Thallium	0.43	U	12/10/2024	1431
7440-62-2	Vanadium	190		12/10/2024	1431
7440-66-6	Zinc	83		12/10/2024	1431

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

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ME28M2

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-03

% Solids: 84.6 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.19	J	12/10/2024	1434
7440-38-2	Arsenic	3.6		12/10/2024	1434
7440-39-3	Barium	67		12/10/2024	1434
7440-41-7	Beryllium	0.73		12/10/2024	1434
7440-43-9	Cadmium	0.23	J	12/10/2024	1434
7440-47-3	Chromium	270		12/10/2024	1434
7440-48-4	Cobalt	4.2		12/10/2024	1434
7440-50-8	Copper	16	*	12/10/2024	1434
7439-92-1	Lead	13		12/10/2024	1434
7439-96-5	Manganese	6600	D	12/10/2024	1618
7440-02-0	Nickel	31	*	12/10/2024	1434
7782-49-2	Selenium	0.39	J	12/10/2024	1434
7440-22-4	Silver	0.070	J	12/10/2024	1434
7440-28-0	Thallium	0.12	J	12/10/2024	1434
7440-62-2	Vanadium	120		12/10/2024	1434
7440-66-6	Zinc	46		12/10/2024	1434

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

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ME28M3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0
 Matrix: SOIL Lab Sample ID: P5067-04
 % Solids: 89.9 Date Received: 12/03/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.30	J	12/10/2024	1438
7440-38-2	Arsenic	5.6		12/10/2024	1438
7440-39-3	Barium	110		12/10/2024	1438
7440-41-7	Beryllium	0.18	J	12/10/2024	1438
7440-43-9	Cadmium	0.25	J	12/10/2024	1438
7440-47-3	Chromium	6.2		12/10/2024	1438
7440-48-4	Cobalt	4.3		12/10/2024	1438
7440-50-8	Copper	9.5	*	12/10/2024	1438
7439-92-1	Lead	5.0		12/10/2024	1438
7439-96-5	Manganese	220		12/10/2024	1438
7440-02-0	Nickel	13	*	12/10/2024	1438
7782-49-2	Selenium	2.3	U	12/10/2024	1438
7440-22-4	Silver	0.060	J	12/10/2024	1438
7440-28-0	Thallium	0.14	J	12/10/2024	1438
7440-62-2	Vanadium	9.6		12/10/2024	1438
7440-66-6	Zinc	69		12/10/2024	1438

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

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ME28M4

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-05

% Solids: 92.5 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.21	J	12/10/2024	1441
7440-38-2	Arsenic	2.9		12/10/2024	1441
7440-39-3	Barium	38		12/10/2024	1441
7440-41-7	Beryllium	0.071	J	12/10/2024	1441
7440-43-9	Cadmium	0.44	U	12/10/2024	1441
7440-47-3	Chromium	3.9		12/10/2024	1441
7440-48-4	Cobalt	1.9		12/10/2024	1441
7440-50-8	Copper	5.7	*	12/10/2024	1441
7439-92-1	Lead	9.8		12/10/2024	1441
7439-96-5	Manganese	83		12/10/2024	1441
7440-02-0	Nickel	7.3	*	12/10/2024	1441
7782-49-2	Selenium	2.2	U	12/10/2024	1441
7440-22-4	Silver	0.080	J	12/10/2024	1441
7440-28-0	Thallium	0.11	J	12/10/2024	1441
7440-62-2	Vanadium	3.9		12/10/2024	1441
7440-66-6	Zinc	6.7		12/10/2024	1441

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

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ME28M5

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-06

% Solids: 95.8 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.26	J	12/10/2024	1450
7440-38-2	Arsenic	0.54		12/10/2024	1450
7440-39-3	Barium	55		12/10/2024	1450
7440-41-7	Beryllium	0.36	U	12/10/2024	1450
7440-43-9	Cadmium	0.36	U	12/10/2024	1450
7440-47-3	Chromium	2.0		12/10/2024	1450
7440-48-4	Cobalt	0.43		12/10/2024	1450
7440-50-8	Copper	4.5	*	12/10/2024	1450
7439-92-1	Lead	4.0		12/10/2024	1450
7439-96-5	Manganese	23		12/10/2024	1450
7440-02-0	Nickel	3.0	*	12/10/2024	1450
7782-49-2	Selenium	1.8	U	12/10/2024	1450
7440-22-4	Silver	0.046	J	12/10/2024	1450
7440-28-0	Thallium	0.050	J	12/10/2024	1450
7440-62-2	Vanadium	1.6	J	12/10/2024	1450
7440-66-6	Zinc	8.1		12/10/2024	1450

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

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ME28M6

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-07

% Solids: 90.7 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.093	J	12/10/2024	1453
7440-38-2	Arsenic	1.1		12/10/2024	1453
7440-39-3	Barium	120		12/10/2024	1453
7440-41-7	Beryllium	0.42	U	12/10/2024	1453
7440-43-9	Cadmium	0.42	U	12/10/2024	1453
7440-47-3	Chromium	7.2		12/10/2024	1453
7440-48-4	Cobalt	0.87		12/10/2024	1453
7440-50-8	Copper	3.4	*	12/10/2024	1453
7439-92-1	Lead	1.9		12/10/2024	1453
7439-96-5	Manganese	45		12/10/2024	1453
7440-02-0	Nickel	3.4	*	12/10/2024	1453
7782-49-2	Selenium	2.1	U	12/10/2024	1453
7440-22-4	Silver	0.038	J	12/10/2024	1453
7440-28-0	Thallium	0.063	J	12/10/2024	1453
7440-62-2	Vanadium	4.5		12/10/2024	1453
7440-66-6	Zinc	5.6		12/10/2024	1453

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

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ME28M7

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-08

% Solids: 91.6 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.26	J	12/10/2024	1456
7440-38-2	Arsenic	5.9		12/10/2024	1456
7440-39-3	Barium	130		12/10/2024	1456
7440-41-7	Beryllium	0.20	J	12/10/2024	1456
7440-43-9	Cadmium	0.31	J	12/10/2024	1456
7440-47-3	Chromium	7.2		12/10/2024	1456
7440-48-4	Cobalt	4.9		12/10/2024	1456
7440-50-8	Copper	23	*	12/10/2024	1456
7439-92-1	Lead	5.5		12/10/2024	1456
7439-96-5	Manganese	280		12/10/2024	1456
7440-02-0	Nickel	26	*	12/10/2024	1456
7782-49-2	Selenium	2.2	U	12/10/2024	1456
7440-22-4	Silver	0.048	J	12/10/2024	1456
7440-28-0	Thallium	0.11	J	12/10/2024	1456
7440-62-2	Vanadium	11		12/10/2024	1456
7440-66-6	Zinc	38		12/10/2024	1456

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

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ME28M8

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-09

% Solids: 87.1 Date Received: 12/03/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.15	J	12/10/2024	1459
7440-38-2	Arsenic	2.5		12/10/2024	1459
7440-39-3	Barium	100		12/10/2024	1459
7440-41-7	Beryllium	0.11	J	12/10/2024	1459
7440-43-9	Cadmium	0.44	U	12/10/2024	1459
7440-47-3	Chromium	9.2		12/10/2024	1459
7440-48-4	Cobalt	2.6		12/10/2024	1459
7440-50-8	Copper	14	*	12/10/2024	1459
7439-92-1	Lead	3.4		12/10/2024	1459
7439-96-5	Manganese	130		12/10/2024	1459
7440-02-0	Nickel	16	*	12/10/2024	1459
7782-49-2	Selenium	2.2	U	12/10/2024	1459
7440-22-4	Silver	0.031	J	12/10/2024	1459
7440-28-0	Thallium	0.083	J	12/10/2024	1459
7440-62-2	Vanadium	7.0		12/10/2024	1459
7440-66-6	Zinc	14		12/10/2024	1459

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

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ME28M9

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-10

% Solids: 78.9 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.22	J	12/10/2024	1503
7440-38-2	Arsenic	7.6		12/10/2024	1503
7440-39-3	Barium	65		12/10/2024	1503
7440-41-7	Beryllium	0.61		12/10/2024	1503
7440-43-9	Cadmium	0.36	J	12/10/2024	1503
7440-47-3	Chromium	12		12/10/2024	1503
7440-48-4	Cobalt	10		12/10/2024	1503
7440-50-8	Copper	47	*	12/10/2024	1503
7439-92-1	Lead	21		12/10/2024	1503
7439-96-5	Manganese	810		12/10/2024	1503
7440-02-0	Nickel	56	*	12/10/2024	1503
7782-49-2	Selenium	2.5	U	12/10/2024	1503
7440-22-4	Silver	0.059	J	12/10/2024	1503
7440-28-0	Thallium	0.17	J	12/10/2024	1503
7440-62-2	Vanadium	18		12/10/2024	1503
7440-66-6	Zinc	52		12/10/2024	1503

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

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ME28N0

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-11

% Solids: 87.5 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.18	J	12/10/2024	1506
7440-38-2	Arsenic	10		12/10/2024	1506
7440-39-3	Barium	61		12/10/2024	1506
7440-41-7	Beryllium	0.69		12/10/2024	1506
7440-43-9	Cadmium	0.19	J	12/10/2024	1506
7440-47-3	Chromium	15		12/10/2024	1506
7440-48-4	Cobalt	12		12/10/2024	1506
7440-50-8	Copper	23	*	12/10/2024	1506
7439-92-1	Lead	16		12/10/2024	1506
7439-96-5	Manganese	470		12/10/2024	1506
7440-02-0	Nickel	27	*	12/10/2024	1506
7782-49-2	Selenium	2.4	U	12/10/2024	1506
7440-22-4	Silver	0.49	U	12/10/2024	1506
7440-28-0	Thallium	0.23	J	12/10/2024	1506
7440-62-2	Vanadium	23		12/10/2024	1506
7440-66-6	Zinc	58		12/10/2024	1506

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

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ME28N1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0
 Matrix: SOIL Lab Sample ID: P5067-12
 % Solids: 91.6 Date Received: 12/04/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.38	J	12/10/2024	1509
7440-38-2	Arsenic	12		12/10/2024	1509
7440-39-3	Barium	24		12/10/2024	1509
7440-41-7	Beryllium	0.33	J	12/10/2024	1509
7440-43-9	Cadmium	0.18	J	12/10/2024	1509
7440-47-3	Chromium	11		12/10/2024	1509
7440-48-4	Cobalt	7.0		12/10/2024	1509
7440-50-8	Copper	17	*	12/10/2024	1509
7439-92-1	Lead	8.9		12/10/2024	1509
7439-96-5	Manganese	350		12/10/2024	1509
7440-02-0	Nickel	20	*	12/10/2024	1509
7782-49-2	Selenium	2.3	U	12/10/2024	1509
7440-22-4	Silver	0.041	J	12/10/2024	1509
7440-28-0	Thallium	0.11	J	12/10/2024	1509
7440-62-2	Vanadium	14		12/10/2024	1509
7440-66-6	Zinc	44		12/10/2024	1509

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

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ME28N2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0
 Matrix: SOIL Lab Sample ID: P5067-13
 % Solids: 80.9 Date Received: 12/04/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.19	J	12/10/2024	1512
7440-38-2	Arsenic	9.7		12/10/2024	1512
7440-39-3	Barium	96		12/10/2024	1512
7440-41-7	Beryllium	0.68		12/10/2024	1512
7440-43-9	Cadmium	0.16	J	12/10/2024	1512
7440-47-3	Chromium	19		12/10/2024	1512
7440-48-4	Cobalt	11		12/10/2024	1512
7440-50-8	Copper	23	*	12/10/2024	1512
7439-92-1	Lead	12		12/10/2024	1512
7439-96-5	Manganese	400		12/10/2024	1512
7440-02-0	Nickel	31	*	12/10/2024	1512
7782-49-2	Selenium	2.4	U	12/10/2024	1512
7440-22-4	Silver	0.033	J	12/10/2024	1512
7440-28-0	Thallium	0.19	J	12/10/2024	1512
7440-62-2	Vanadium	26		12/10/2024	1512
7440-66-6	Zinc	55		12/10/2024	1512

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

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ME28N3

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-14

% Solids: 89.6 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.18	J	12/10/2024	1515
7440-38-2	Arsenic	5.6		12/10/2024	1515
7440-39-3	Barium	36		12/10/2024	1515
7440-41-7	Beryllium	0.31	J	12/10/2024	1515
7440-43-9	Cadmium	0.13	J	12/10/2024	1515
7440-47-3	Chromium	8.6		12/10/2024	1515
7440-48-4	Cobalt	6.3		12/10/2024	1515
7440-50-8	Copper	16	*	12/10/2024	1515
7439-92-1	Lead	8.7		12/10/2024	1515
7439-96-5	Manganese	440		12/10/2024	1515
7440-02-0	Nickel	16	*	12/10/2024	1515
7782-49-2	Selenium	2.2	U	12/10/2024	1515
7440-22-4	Silver	0.031	J	12/10/2024	1515
7440-28-0	Thallium	0.16	J	12/10/2024	1515
7440-62-2	Vanadium	11		12/10/2024	1515
7440-66-6	Zinc	38		12/10/2024	1515

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28N4

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-15

% Solids: 51.4 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.46	J	12/10/2024	1519
7440-38-2	Arsenic	13		12/10/2024	1519
7440-39-3	Barium	130		12/10/2024	1519
7440-41-7	Beryllium	0.73	J	12/10/2024	1519
7440-43-9	Cadmium	1.2		12/10/2024	1519
7440-47-3	Chromium	20		12/10/2024	1519
7440-48-4	Cobalt	9.1		12/10/2024	1519
7440-50-8	Copper	33	*	12/10/2024	1519
7439-92-1	Lead	94		12/10/2024	1519
7439-96-5	Manganese	440		12/10/2024	1519
7440-02-0	Nickel	28	*	12/10/2024	1519
7782-49-2	Selenium	0.79	J	12/10/2024	1519
7440-22-4	Silver	0.16	J	12/10/2024	1519
7440-28-0	Thallium	0.37	J	12/10/2024	1519
7440-62-2	Vanadium	32		12/10/2024	1519
7440-66-6	Zinc	200		12/10/2024	1519

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28N5

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-16

% Solids: 76.4 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.17	J	12/10/2024	1522
7440-38-2	Arsenic	7.4		12/10/2024	1522
7440-39-3	Barium	66		12/10/2024	1522
7440-41-7	Beryllium	0.63		12/10/2024	1522
7440-43-9	Cadmium	0.29	J	12/10/2024	1522
7440-47-3	Chromium	17		12/10/2024	1522
7440-48-4	Cobalt	10		12/10/2024	1522
7440-50-8	Copper	22	*	12/10/2024	1522
7439-92-1	Lead	19		12/10/2024	1522
7439-96-5	Manganese	520		12/10/2024	1522
7440-02-0	Nickel	23	*	12/10/2024	1522
7782-49-2	Selenium	2.3	U	12/10/2024	1522
7440-22-4	Silver	0.055	J	12/10/2024	1522
7440-28-0	Thallium	0.18	J	12/10/2024	1522
7440-62-2	Vanadium	22		12/10/2024	1522
7440-66-6	Zinc	68		12/10/2024	1522

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28N6

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-17

% Solids: 81.4 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.17	J	12/10/2024	1525
7440-38-2	Arsenic	8.4		12/10/2024	1525
7440-39-3	Barium	69		12/10/2024	1525
7440-41-7	Beryllium	0.70		12/10/2024	1525
7440-43-9	Cadmium	0.25	J	12/10/2024	1525
7440-47-3	Chromium	17		12/10/2024	1525
7440-48-4	Cobalt	11		12/10/2024	1525
7440-50-8	Copper	24	*	12/10/2024	1525
7439-92-1	Lead	15		12/10/2024	1525
7439-96-5	Manganese	570		12/10/2024	1525
7440-02-0	Nickel	28	*	12/10/2024	1525
7782-49-2	Selenium	2.3	U	12/10/2024	1525
7440-22-4	Silver	0.032	J	12/10/2024	1525
7440-28-0	Thallium	0.20	J	12/10/2024	1525
7440-62-2	Vanadium	23		12/10/2024	1525
7440-66-6	Zinc	65		12/10/2024	1525

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28N7

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-18

% Solids: 90.2 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.22	J	12/10/2024	1528
7440-38-2	Arsenic	5.2		12/10/2024	1528
7440-39-3	Barium	64		12/10/2024	1528
7440-41-7	Beryllium	0.23	J	12/10/2024	1528
7440-43-9	Cadmium	0.24	J	12/10/2024	1528
7440-47-3	Chromium	9.4		12/10/2024	1528
7440-48-4	Cobalt	5.9		12/10/2024	1528
7440-50-8	Copper	11	*	12/10/2024	1528
7439-92-1	Lead	5.7		12/10/2024	1528
7439-96-5	Manganese	280		12/10/2024	1528
7440-02-0	Nickel	16	*	12/10/2024	1528
7782-49-2	Selenium	2.1	U	12/10/2024	1528
7440-22-4	Silver	0.042	J	12/10/2024	1528
7440-28-0	Thallium	0.097	J	12/10/2024	1528
7440-62-2	Vanadium	13		12/10/2024	1528
7440-66-6	Zinc	34		12/10/2024	1528

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28N8

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

Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28M0

Matrix: SOIL Lab Sample ID: P5067-19

% Solids: 78.1 Date Received: 12/04/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	2.1		12/10/2024	1531
7440-38-2	Arsenic	4.5		12/10/2024	1531
7440-39-3	Barium	56		12/10/2024	1531
7440-41-7	Beryllium	0.57		12/10/2024	1531
7440-43-9	Cadmium	0.49	U	12/10/2024	1531
7440-47-3	Chromium	14		12/10/2024	1531
7440-48-4	Cobalt	4.6		12/10/2024	1531
7440-50-8	Copper	17	*	12/10/2024	1531
7439-92-1	Lead	25		12/10/2024	1531
7439-96-5	Manganese	450		12/10/2024	1531
7440-02-0	Nickel	14	*	12/10/2024	1531
7782-49-2	Selenium	2.5	U	12/10/2024	1531
7440-22-4	Silver	0.49	U	12/10/2024	1531
7440-28-0	Thallium	0.098	J	12/10/2024	1531
7440-62-2	Vanadium	9.6		12/10/2024	1531
7440-66-6	Zinc	36		12/10/2024	1531

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

Comments: