

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHK83

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-01

% Solids: 75 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 8400          |    | 12/29/2024    | 0952          |
| 7440-36-0 | Antimony  | 1.8           | J  | 12/29/2024    | 0952          |
| 7440-38-2 | Arsenic   | 14            |    | 12/29/2024    | 0952          |
| 7440-39-3 | Barium    | 83            |    | 12/29/2024    | 0952          |
| 7440-41-7 | Beryllium | 1.2           |    | 12/29/2024    | 0952          |
| 7440-43-9 | Cadmium   | 0.61          |    | 12/29/2024    | 0952          |
| 7440-70-2 | Calcium   | 8400          |    | 12/29/2024    | 0952          |
| 7440-47-3 | Chromium  | 16            |    | 12/29/2024    | 0952          |
| 7440-48-4 | Cobalt    | 4.7           | J  | 12/29/2024    | 0952          |
| 7440-50-8 | Copper    | 22            |    | 12/29/2024    | 0952          |
| 7439-89-6 | Iron      | 17000         |    | 12/29/2024    | 0952          |
| 7439-92-1 | Lead      | 130           |    | 12/29/2024    | 0952          |
| 7439-95-4 | Magnesium | 3800          |    | 12/29/2024    | 0952          |
| 7439-96-5 | Manganese | 680           |    | 12/29/2024    | 0952          |
| 7440-02-0 | Nickel    | 18            |    | 12/29/2024    | 0952          |
| 7440-09-7 | Potassium | 830           |    | 12/29/2024    | 0952          |
| 7782-49-2 | Selenium  | 8.1           |    | 12/29/2024    | 0952          |
| 7440-22-4 | Silver    | 0.14          | J* | 12/29/2024    | 0952          |
| 7440-23-5 | Sodium    | 550           | U  | 12/29/2024    | 0952          |
| 7440-28-0 | Thallium  | 2.8           | U* | 12/29/2024    | 0952          |
| 7440-62-2 | Vanadium  | 20            |    | 12/29/2024    | 0952          |
| 7440-66-6 | Zinc      | 140           |    | 12/29/2024    | 0952          |

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

Comments:

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MBHK84

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-02

% Solids: 80.1 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 10000         |    | 12/29/2024    | 0956          |
| 7440-36-0 | Antimony  | 3.1           | J  | 12/29/2024    | 0956          |
| 7440-38-2 | Arsenic   | 16            |    | 12/29/2024    | 0956          |
| 7440-39-3 | Barium    | 83            |    | 12/29/2024    | 0956          |
| 7440-41-7 | Beryllium | 1.5           |    | 12/29/2024    | 0956          |
| 7440-43-9 | Cadmium   | 0.64          |    | 12/29/2024    | 0956          |
| 7440-70-2 | Calcium   | 8700          |    | 12/29/2024    | 0956          |
| 7440-47-3 | Chromium  | 17            |    | 12/29/2024    | 0956          |
| 7440-48-4 | Cobalt    | 4.5           | J  | 12/29/2024    | 0956          |
| 7440-50-8 | Copper    | 19            |    | 12/29/2024    | 0956          |
| 7439-89-6 | Iron      | 21000         |    | 12/29/2024    | 0956          |
| 7439-92-1 | Lead      | 92            |    | 12/29/2024    | 0956          |
| 7439-95-4 | Magnesium | 5400          |    | 12/29/2024    | 0956          |
| 7439-96-5 | Manganese | 700           |    | 12/29/2024    | 0956          |
| 7440-02-0 | Nickel    | 19            |    | 12/29/2024    | 0956          |
| 7440-09-7 | Potassium | 900           |    | 12/29/2024    | 0956          |
| 7782-49-2 | Selenium  | 11            |    | 12/29/2024    | 0956          |
| 7440-22-4 | Silver    | 1.0           | U* | 12/29/2024    | 0956          |
| 7440-23-5 | Sodium    | 500           | U  | 12/29/2024    | 0956          |
| 7440-28-0 | Thallium  | 2.5           | U* | 12/29/2024    | 0956          |
| 7440-62-2 | Vanadium  | 24            |    | 12/29/2024    | 0956          |
| 7440-66-6 | Zinc      | 120           |    | 12/29/2024    | 0956          |

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

Comments:

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MBHK85

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

Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-05

% Solids: 82.6 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 10000         |    | 12/29/2024    | 1011          |
| 7440-36-0 | Antimony  | 2.6           | J  | 12/29/2024    | 1011          |
| 7440-38-2 | Arsenic   | 14            |    | 12/29/2024    | 1011          |
| 7440-39-3 | Barium    | 98            |    | 12/29/2024    | 1011          |
| 7440-41-7 | Beryllium | 1.5           |    | 12/29/2024    | 1011          |
| 7440-43-9 | Cadmium   | 0.70          |    | 12/29/2024    | 1011          |
| 7440-70-2 | Calcium   | 11000         |    | 12/29/2024    | 1011          |
| 7440-47-3 | Chromium  | 19            |    | 12/29/2024    | 1011          |
| 7440-48-4 | Cobalt    | 5.2           | J  | 12/29/2024    | 1011          |
| 7440-50-8 | Copper    | 22            |    | 12/29/2024    | 1011          |
| 7439-89-6 | Iron      | 20000         |    | 12/29/2024    | 1011          |
| 7439-92-1 | Lead      | 170           |    | 12/29/2024    | 1011          |
| 7439-95-4 | Magnesium | 4800          |    | 12/29/2024    | 1011          |
| 7439-96-5 | Manganese | 710           |    | 12/29/2024    | 1011          |
| 7440-02-0 | Nickel    | 20            |    | 12/29/2024    | 1011          |
| 7440-09-7 | Potassium | 740           |    | 12/29/2024    | 1011          |
| 7782-49-2 | Selenium  | 9.6           |    | 12/29/2024    | 1011          |
| 7440-22-4 | Silver    | 0.20          | J* | 12/29/2024    | 1011          |
| 7440-23-5 | Sodium    | 550           | U  | 12/29/2024    | 1011          |
| 7440-28-0 | Thallium  | 2.7           | U* | 12/29/2024    | 1011          |
| 7440-62-2 | Vanadium  | 23            |    | 12/29/2024    | 1011          |
| 7440-66-6 | Zinc      | 140           |    | 12/29/2024    | 1011          |

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

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MBHK86

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-06

% Solids: 83.6 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 7200          |    | 12/29/2024    | 1015          |
| 7440-36-0 | Antimony  | 1.6           | J  | 12/29/2024    | 1015          |
| 7440-38-2 | Arsenic   | 17            |    | 12/29/2024    | 1015          |
| 7440-39-3 | Barium    | 150           |    | 12/29/2024    | 1015          |
| 7440-41-7 | Beryllium | 1.3           |    | 12/29/2024    | 1015          |
| 7440-43-9 | Cadmium   | 1.3           |    | 12/29/2024    | 1015          |
| 7440-70-2 | Calcium   | 29000         |    | 12/29/2024    | 1015          |
| 7440-47-3 | Chromium  | 21            |    | 12/29/2024    | 1015          |
| 7440-48-4 | Cobalt    | 6.3           |    | 12/29/2024    | 1015          |
| 7440-50-8 | Copper    | 57            |    | 12/29/2024    | 1015          |
| 7439-89-6 | Iron      | 19000         |    | 12/29/2024    | 1015          |
| 7439-92-1 | Lead      | 500           |    | 12/29/2024    | 1015          |
| 7439-95-4 | Magnesium | 9500          |    | 12/29/2024    | 1015          |
| 7439-96-5 | Manganese | 980           |    | 12/29/2024    | 1015          |
| 7440-02-0 | Nickel    | 23            |    | 12/29/2024    | 1015          |
| 7440-09-7 | Potassium | 790           |    | 12/29/2024    | 1015          |
| 7782-49-2 | Selenium  | 8.5           |    | 12/29/2024    | 1015          |
| 7440-22-4 | Silver    | 0.20          | J* | 12/29/2024    | 1015          |
| 7440-23-5 | Sodium    | 100           | J  | 12/29/2024    | 1015          |
| 7440-28-0 | Thallium  | 2.5           | U* | 12/29/2024    | 1015          |
| 7440-62-2 | Vanadium  | 18            |    | 12/29/2024    | 1015          |
| 7440-66-6 | Zinc      | 370           |    | 12/29/2024    | 1015          |

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

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MBHK87

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-07

% Solids: 82.9 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 6600          |    | 12/29/2024    | 1019          |
| 7440-36-0 | Antimony  | 2.8           | J  | 12/29/2024    | 1019          |
| 7440-38-2 | Arsenic   | 24            |    | 12/29/2024    | 1019          |
| 7440-39-3 | Barium    | 220           |    | 12/29/2024    | 1019          |
| 7440-41-7 | Beryllium | 1.5           |    | 12/29/2024    | 1019          |
| 7440-43-9 | Cadmium   | 2.1           |    | 12/29/2024    | 1019          |
| 7440-70-2 | Calcium   | 22000         |    | 12/29/2024    | 1019          |
| 7440-47-3 | Chromium  | 29            |    | 12/29/2024    | 1019          |
| 7440-48-4 | Cobalt    | 6.6           |    | 12/29/2024    | 1019          |
| 7440-50-8 | Copper    | 81            |    | 12/29/2024    | 1019          |
| 7439-89-6 | Iron      | 22000         |    | 12/29/2024    | 1019          |
| 7439-92-1 | Lead      | 840           |    | 12/29/2024    | 1019          |
| 7439-95-4 | Magnesium | 5900          |    | 12/29/2024    | 1019          |
| 7439-96-5 | Manganese | 940           |    | 12/29/2024    | 1019          |
| 7440-02-0 | Nickel    | 26            |    | 12/29/2024    | 1019          |
| 7440-09-7 | Potassium | 650           |    | 12/29/2024    | 1019          |
| 7782-49-2 | Selenium  | 11            |    | 12/29/2024    | 1019          |
| 7440-22-4 | Silver    | 0.78          | J* | 12/29/2024    | 1019          |
| 7440-23-5 | Sodium    | 110           | J  | 12/29/2024    | 1019          |
| 7440-28-0 | Thallium  | 2.2           | U* | 12/29/2024    | 1019          |
| 7440-62-2 | Vanadium  | 21            |    | 12/29/2024    | 1019          |
| 7440-66-6 | Zinc      | 670           |    | 12/29/2024    | 1019          |

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

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MBHK88

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-08

% Solids: 90.1 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 3800          |    | 12/29/2024    | 1023          |
| 7440-36-0 | Antimony  | 5.7           | U  | 12/29/2024    | 1023          |
| 7440-38-2 | Arsenic   | 15            |    | 12/29/2024    | 1023          |
| 7440-39-3 | Barium    | 110           |    | 12/29/2024    | 1023          |
| 7440-41-7 | Beryllium | 0.90          |    | 12/29/2024    | 1023          |
| 7440-43-9 | Cadmium   | 1.1           |    | 12/29/2024    | 1023          |
| 7440-70-2 | Calcium   | 170000        | D  | 12/31/2024    | 1356          |
| 7440-47-3 | Chromium  | 16            |    | 12/29/2024    | 1023          |
| 7440-48-4 | Cobalt    | 7.0           |    | 12/29/2024    | 1023          |
| 7440-50-8 | Copper    | 50            |    | 12/29/2024    | 1023          |
| 7439-89-6 | Iron      | 15000         |    | 12/29/2024    | 1023          |
| 7439-92-1 | Lead      | 380           |    | 12/29/2024    | 1023          |
| 7439-95-4 | Magnesium | 16000         |    | 12/29/2024    | 1023          |
| 7439-96-5 | Manganese | 940           |    | 12/29/2024    | 1023          |
| 7440-02-0 | Nickel    | 15            |    | 12/29/2024    | 1023          |
| 7440-09-7 | Potassium | 420           | J  | 12/29/2024    | 1023          |
| 7782-49-2 | Selenium  | 4.6           |    | 12/29/2024    | 1023          |
| 7440-22-4 | Silver    | 0.46          | J* | 12/29/2024    | 1023          |
| 7440-23-5 | Sodium    | 150           | J  | 12/29/2024    | 1023          |
| 7440-28-0 | Thallium  | 2.4           | U* | 12/29/2024    | 1023          |
| 7440-62-2 | Vanadium  | 11            |    | 12/29/2024    | 1023          |
| 7440-66-6 | Zinc      | 330           |    | 12/29/2024    | 1023          |

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

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MBHK89

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-09

% Solids: 88.9 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 5700          |    | 12/29/2024    | 1027          |
| 7440-36-0 | Antimony  | 1.2           | J  | 12/29/2024    | 1027          |
| 7440-38-2 | Arsenic   | 14            |    | 12/29/2024    | 1027          |
| 7440-39-3 | Barium    | 110           |    | 12/29/2024    | 1027          |
| 7440-41-7 | Beryllium | 1.0           |    | 12/29/2024    | 1027          |
| 7440-43-9 | Cadmium   | 0.86          |    | 12/29/2024    | 1027          |
| 7440-70-2 | Calcium   | 48000         |    | 12/29/2024    | 1027          |
| 7440-47-3 | Chromium  | 11            |    | 12/29/2024    | 1027          |
| 7440-48-4 | Cobalt    | 8.9           |    | 12/29/2024    | 1027          |
| 7440-50-8 | Copper    | 28            |    | 12/29/2024    | 1027          |
| 7439-89-6 | Iron      | 15000         |    | 12/29/2024    | 1027          |
| 7439-92-1 | Lead      | 260           |    | 12/29/2024    | 1027          |
| 7439-95-4 | Magnesium | 5700          |    | 12/29/2024    | 1027          |
| 7439-96-5 | Manganese | 1500          |    | 12/29/2024    | 1027          |
| 7440-02-0 | Nickel    | 14            |    | 12/29/2024    | 1027          |
| 7440-09-7 | Potassium | 590           |    | 12/29/2024    | 1027          |
| 7782-49-2 | Selenium  | 6.1           |    | 12/29/2024    | 1027          |
| 7440-22-4 | Silver    | 0.31          | J* | 12/29/2024    | 1027          |
| 7440-23-5 | Sodium    | 500           | U  | 12/29/2024    | 1027          |
| 7440-28-0 | Thallium  | 2.5           | U* | 12/29/2024    | 1027          |
| 7440-62-2 | Vanadium  | 14            |    | 12/29/2024    | 1027          |
| 7440-66-6 | Zinc      | 140           |    | 12/29/2024    | 1027          |

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHK90

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

Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-10

% Solids: 73.8 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 7100          |    | 12/29/2024    | 1030          |
| 7440-36-0 | Antimony  | 1.8           | J  | 12/29/2024    | 1030          |
| 7440-38-2 | Arsenic   | 16            |    | 12/29/2024    | 1030          |
| 7440-39-3 | Barium    | 200           |    | 12/29/2024    | 1030          |
| 7440-41-7 | Beryllium | 1.3           |    | 12/29/2024    | 1030          |
| 7440-43-9 | Cadmium   | 1.4           |    | 12/29/2024    | 1030          |
| 7440-70-2 | Calcium   | 13000         |    | 12/29/2024    | 1030          |
| 7440-47-3 | Chromium  | 18            |    | 12/29/2024    | 1030          |
| 7440-48-4 | Cobalt    | 7.3           |    | 12/29/2024    | 1030          |
| 7440-50-8 | Copper    | 55            |    | 12/29/2024    | 1030          |
| 7439-89-6 | Iron      | 18000         |    | 12/29/2024    | 1030          |
| 7439-92-1 | Lead      | 360           |    | 12/29/2024    | 1030          |
| 7439-95-4 | Magnesium | 3600          |    | 12/29/2024    | 1030          |
| 7439-96-5 | Manganese | 1100          |    | 12/29/2024    | 1030          |
| 7440-02-0 | Nickel    | 23            |    | 12/29/2024    | 1030          |
| 7440-09-7 | Potassium | 750           |    | 12/29/2024    | 1030          |
| 7782-49-2 | Selenium  | 8.5           |    | 12/29/2024    | 1030          |
| 7440-22-4 | Silver    | 0.61          | J* | 12/29/2024    | 1030          |
| 7440-23-5 | Sodium    | 600           | U  | 12/29/2024    | 1030          |
| 7440-28-0 | Thallium  | 3.0           | U* | 12/29/2024    | 1030          |
| 7440-62-2 | Vanadium  | 19            |    | 12/29/2024    | 1030          |
| 7440-66-6 | Zinc      | 300           |    | 12/29/2024    | 1030          |

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHK91

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-11

% Solids: 78.3 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 6900          |    | 12/29/2024    | 1034          |
| 7440-36-0 | Antimony  | 1.9           | J  | 12/29/2024    | 1034          |
| 7440-38-2 | Arsenic   | 17            |    | 12/29/2024    | 1034          |
| 7440-39-3 | Barium    | 220           |    | 12/29/2024    | 1034          |
| 7440-41-7 | Beryllium | 1.3           |    | 12/29/2024    | 1034          |
| 7440-43-9 | Cadmium   | 1.5           |    | 12/29/2024    | 1034          |
| 7440-70-2 | Calcium   | 14000         |    | 12/29/2024    | 1034          |
| 7440-47-3 | Chromium  | 17            |    | 12/29/2024    | 1034          |
| 7440-48-4 | Cobalt    | 6.7           |    | 12/29/2024    | 1034          |
| 7440-50-8 | Copper    | 59            |    | 12/29/2024    | 1034          |
| 7439-89-6 | Iron      | 18000         |    | 12/29/2024    | 1034          |
| 7439-92-1 | Lead      | 670           |    | 12/29/2024    | 1034          |
| 7439-95-4 | Magnesium | 3300          |    | 12/29/2024    | 1034          |
| 7439-96-5 | Manganese | 1100          |    | 12/29/2024    | 1034          |
| 7440-02-0 | Nickel    | 23            |    | 12/29/2024    | 1034          |
| 7440-09-7 | Potassium | 730           |    | 12/29/2024    | 1034          |
| 7782-49-2 | Selenium  | 9.3           |    | 12/29/2024    | 1034          |
| 7440-22-4 | Silver    | 0.49          | J* | 12/29/2024    | 1034          |
| 7440-23-5 | Sodium    | 460           | U  | 12/29/2024    | 1034          |
| 7440-28-0 | Thallium  | 2.3           | U* | 12/29/2024    | 1034          |
| 7440-62-2 | Vanadium  | 19            |    | 12/29/2024    | 1034          |
| 7440-66-6 | Zinc      | 310           |    | 12/29/2024    | 1034          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHK92

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-12

% Solids: 81.8 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 6700          |    | 12/29/2024    | 1038          |
| 7440-36-0 | Antimony  | 1.2           | J  | 12/29/2024    | 1038          |
| 7440-38-2 | Arsenic   | 16            |    | 12/29/2024    | 1038          |
| 7440-39-3 | Barium    | 190           |    | 12/29/2024    | 1038          |
| 7440-41-7 | Beryllium | 1.2           |    | 12/29/2024    | 1038          |
| 7440-43-9 | Cadmium   | 1.2           |    | 12/29/2024    | 1038          |
| 7440-70-2 | Calcium   | 17000         |    | 12/29/2024    | 1038          |
| 7440-47-3 | Chromium  | 15            |    | 12/29/2024    | 1038          |
| 7440-48-4 | Cobalt    | 7.0           |    | 12/29/2024    | 1038          |
| 7440-50-8 | Copper    | 46            |    | 12/29/2024    | 1038          |
| 7439-89-6 | Iron      | 16000         |    | 12/29/2024    | 1038          |
| 7439-92-1 | Lead      | 320           |    | 12/29/2024    | 1038          |
| 7439-95-4 | Magnesium | 3300          |    | 12/29/2024    | 1038          |
| 7439-96-5 | Manganese | 1300          |    | 12/29/2024    | 1038          |
| 7440-02-0 | Nickel    | 19            |    | 12/29/2024    | 1038          |
| 7440-09-7 | Potassium | 620           |    | 12/29/2024    | 1038          |
| 7782-49-2 | Selenium  | 7.0           |    | 12/29/2024    | 1038          |
| 7440-22-4 | Silver    | 0.58          | J* | 12/29/2024    | 1038          |
| 7440-23-5 | Sodium    | 530           | U  | 12/29/2024    | 1038          |
| 7440-28-0 | Thallium  | 2.7           | U* | 12/29/2024    | 1038          |
| 7440-62-2 | Vanadium  | 18            |    | 12/29/2024    | 1038          |
| 7440-66-6 | Zinc      | 230           |    | 12/29/2024    | 1038          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA4

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-13

% Solids: 80.5 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 11000         |    | 12/29/2024    | 1042          |
| 7440-36-0 | Antimony  | 2.8           | J  | 12/29/2024    | 1042          |
| 7440-38-2 | Arsenic   | 7.2           |    | 12/29/2024    | 1042          |
| 7440-39-3 | Barium    | 98            |    | 12/29/2024    | 1042          |
| 7440-41-7 | Beryllium | 1.6           |    | 12/29/2024    | 1042          |
| 7440-43-9 | Cadmium   | 0.37          | J  | 12/29/2024    | 1042          |
| 7440-70-2 | Calcium   | 14000         |    | 12/29/2024    | 1042          |
| 7440-47-3 | Chromium  | 15            |    | 12/29/2024    | 1042          |
| 7440-48-4 | Cobalt    | 3.4           | J  | 12/29/2024    | 1042          |
| 7440-50-8 | Copper    | 12            |    | 12/29/2024    | 1042          |
| 7439-89-6 | Iron      | 23000         |    | 12/29/2024    | 1042          |
| 7439-92-1 | Lead      | 35            |    | 12/29/2024    | 1042          |
| 7439-95-4 | Magnesium | 5300          |    | 12/29/2024    | 1042          |
| 7439-96-5 | Manganese | 390           |    | 12/29/2024    | 1042          |
| 7440-02-0 | Nickel    | 19            |    | 12/29/2024    | 1042          |
| 7440-09-7 | Potassium | 550           |    | 12/29/2024    | 1042          |
| 7782-49-2 | Selenium  | 10            |    | 12/29/2024    | 1042          |
| 7440-22-4 | Silver    | 1.0           | U* | 12/29/2024    | 1042          |
| 7440-23-5 | Sodium    | 510           | U  | 12/29/2024    | 1042          |
| 7440-28-0 | Thallium  | 2.5           | U* | 12/29/2024    | 1042          |
| 7440-62-2 | Vanadium  | 24            |    | 12/29/2024    | 1042          |
| 7440-66-6 | Zinc      | 54            |    | 12/29/2024    | 1042          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA5

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-14

% Solids: 79.7 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 9900          |    | 12/29/2024    | 1054          |
| 7440-36-0 | Antimony  | 2.1           | J  | 12/29/2024    | 1054          |
| 7440-38-2 | Arsenic   | 6.7           |    | 12/29/2024    | 1054          |
| 7440-39-3 | Barium    | 91            |    | 12/29/2024    | 1054          |
| 7440-41-7 | Beryllium | 1.4           |    | 12/29/2024    | 1054          |
| 7440-43-9 | Cadmium   | 0.36          | J  | 12/29/2024    | 1054          |
| 7440-70-2 | Calcium   | 15000         |    | 12/29/2024    | 1054          |
| 7440-47-3 | Chromium  | 14            |    | 12/29/2024    | 1054          |
| 7440-48-4 | Cobalt    | 4.2           | J  | 12/29/2024    | 1054          |
| 7440-50-8 | Copper    | 14            |    | 12/29/2024    | 1054          |
| 7439-89-6 | Iron      | 19000         |    | 12/29/2024    | 1054          |
| 7439-92-1 | Lead      | 39            |    | 12/29/2024    | 1054          |
| 7439-95-4 | Magnesium | 6200          |    | 12/29/2024    | 1054          |
| 7439-96-5 | Manganese | 370           |    | 12/29/2024    | 1054          |
| 7440-02-0 | Nickel    | 17            |    | 12/29/2024    | 1054          |
| 7440-09-7 | Potassium | 620           |    | 12/29/2024    | 1054          |
| 7782-49-2 | Selenium  | 8.3           |    | 12/29/2024    | 1054          |
| 7440-22-4 | Silver    | 1.1           | U* | 12/29/2024    | 1054          |
| 7440-23-5 | Sodium    | 550           | U  | 12/29/2024    | 1054          |
| 7440-28-0 | Thallium  | 2.7           | U* | 12/29/2024    | 1054          |
| 7440-62-2 | Vanadium  | 20            |    | 12/29/2024    | 1054          |
| 7440-66-6 | Zinc      | 55            |    | 12/29/2024    | 1054          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA6

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-15

% Solids: 87.7 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 2700          |    | 12/29/2024    | 1058          |
| 7440-36-0 | Antimony  | 5.8           | U  | 12/29/2024    | 1058          |
| 7440-38-2 | Arsenic   | 2.4           |    | 12/29/2024    | 1058          |
| 7440-39-3 | Barium    | 26            |    | 12/29/2024    | 1058          |
| 7440-41-7 | Beryllium | 0.51          |    | 12/29/2024    | 1058          |
| 7440-43-9 | Cadmium   | 0.82          |    | 12/29/2024    | 1058          |
| 7440-70-2 | Calcium   | 160000        | D  | 12/31/2024    | 1400          |
| 7440-47-3 | Chromium  | 6.5           |    | 12/29/2024    | 1058          |
| 7440-48-4 | Cobalt    | 5.7           |    | 12/29/2024    | 1058          |
| 7440-50-8 | Copper    | 6.8           |    | 12/29/2024    | 1058          |
| 7439-89-6 | Iron      | 8200          |    | 12/29/2024    | 1058          |
| 7439-92-1 | Lead      | 92            |    | 12/29/2024    | 1058          |
| 7439-95-4 | Magnesium | 82000         | D  | 12/30/2024    | 2049          |
| 7439-96-5 | Manganese | 810           |    | 12/29/2024    | 1058          |
| 7440-02-0 | Nickel    | 9.0           |    | 12/29/2024    | 1058          |
| 7440-09-7 | Potassium | 250           | J  | 12/29/2024    | 1058          |
| 7782-49-2 | Selenium  | 3.4           | U  | 12/29/2024    | 1058          |
| 7440-22-4 | Silver    | 0.096         | J* | 12/29/2024    | 1058          |
| 7440-23-5 | Sodium    | 180           | J  | 12/29/2024    | 1058          |
| 7440-28-0 | Thallium  | 1.7           | J* | 12/29/2024    | 1058          |
| 7440-62-2 | Vanadium  | 11            |    | 12/29/2024    | 1058          |
| 7440-66-6 | Zinc      | 150           |    | 12/29/2024    | 1058          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA7

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-16

% Solids: 90.4 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 4900          |    | 12/29/2024    | 1102          |
| 7440-36-0 | Antimony  | 6.0           | U  | 12/29/2024    | 1102          |
| 7440-38-2 | Arsenic   | 1.8           |    | 12/29/2024    | 1102          |
| 7440-39-3 | Barium    | 32            |    | 12/29/2024    | 1102          |
| 7440-41-7 | Beryllium | 0.58          |    | 12/29/2024    | 1102          |
| 7440-43-9 | Cadmium   | 0.33          | J  | 12/29/2024    | 1102          |
| 7440-70-2 | Calcium   | 110000        | D  | 12/30/2024    | 2052          |
| 7440-47-3 | Chromium  | 6.6           |    | 12/29/2024    | 1102          |
| 7440-48-4 | Cobalt    | 5.5           |    | 12/29/2024    | 1102          |
| 7440-50-8 | Copper    | 5.7           |    | 12/29/2024    | 1102          |
| 7439-89-6 | Iron      | 8400          |    | 12/29/2024    | 1102          |
| 7439-92-1 | Lead      | 16            |    | 12/29/2024    | 1102          |
| 7439-95-4 | Magnesium | 36000         |    | 12/29/2024    | 1102          |
| 7439-96-5 | Manganese | 490           |    | 12/29/2024    | 1102          |
| 7440-02-0 | Nickel    | 9.4           |    | 12/29/2024    | 1102          |
| 7440-09-7 | Potassium | 110           | J  | 12/29/2024    | 1102          |
| 7782-49-2 | Selenium  | 3.5           | U  | 12/29/2024    | 1102          |
| 7440-22-4 | Silver    | 1.0           | U* | 12/29/2024    | 1102          |
| 7440-23-5 | Sodium    | 160           | J  | 12/29/2024    | 1102          |
| 7440-28-0 | Thallium  | 1.4           | J* | 12/29/2024    | 1102          |
| 7440-62-2 | Vanadium  | 13            |    | 12/29/2024    | 1102          |
| 7440-66-6 | Zinc      | 56            |    | 12/29/2024    | 1102          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA8

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-17

% Solids: 91 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 1800          |    | 12/29/2024    | 1105          |
| 7440-36-0 | Antimony  | 5.3           | U  | 12/29/2024    | 1105          |
| 7440-38-2 | Arsenic   | 2.4           |    | 12/29/2024    | 1105          |
| 7440-39-3 | Barium    | 22            |    | 12/29/2024    | 1105          |
| 7440-41-7 | Beryllium | 0.47          |    | 12/29/2024    | 1105          |
| 7440-43-9 | Cadmium   | 0.62          |    | 12/29/2024    | 1105          |
| 7440-70-2 | Calcium   | 160000        | D  | 12/31/2024    | 1403          |
| 7440-47-3 | Chromium  | 4.7           |    | 12/29/2024    | 1105          |
| 7440-48-4 | Cobalt    | 4.8           |    | 12/29/2024    | 1105          |
| 7440-50-8 | Copper    | 3.6           |    | 12/29/2024    | 1105          |
| 7439-89-6 | Iron      | 8500          |    | 12/29/2024    | 1105          |
| 7439-92-1 | Lead      | 42            |    | 12/29/2024    | 1105          |
| 7439-95-4 | Magnesium | 85000         | D  | 12/30/2024    | 2056          |
| 7439-96-5 | Manganese | 710           |    | 12/29/2024    | 1105          |
| 7440-02-0 | Nickel    | 8.7           |    | 12/29/2024    | 1105          |
| 7440-09-7 | Potassium | 300           | J  | 12/29/2024    | 1105          |
| 7782-49-2 | Selenium  | 3.1           | U  | 12/29/2024    | 1105          |
| 7440-22-4 | Silver    | 0.88          | U* | 12/29/2024    | 1105          |
| 7440-23-5 | Sodium    | 180           | J  | 12/29/2024    | 1105          |
| 7440-28-0 | Thallium  | 1.7           | J* | 12/29/2024    | 1105          |
| 7440-62-2 | Vanadium  | 8.3           |    | 12/29/2024    | 1105          |
| 7440-66-6 | Zinc      | 120           |    | 12/29/2024    | 1105          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKA9

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

Lab Code: ACE Case No.: 51879 MA No. :  SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-18

% Solids: 85.8 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 3300          |    | 12/29/2024    | 1109          |
| 7440-36-0 | Antimony  | 6.2           | U  | 12/29/2024    | 1109          |
| 7440-38-2 | Arsenic   | 7.4           |    | 12/29/2024    | 1109          |
| 7440-39-3 | Barium    | 81            |    | 12/29/2024    | 1109          |
| 7440-41-7 | Beryllium | 0.74          |    | 12/29/2024    | 1109          |
| 7440-43-9 | Cadmium   | 0.77          |    | 12/29/2024    | 1109          |
| 7440-70-2 | Calcium   | 130000        | D  | 12/30/2024    | 2100          |
| 7440-47-3 | Chromium  | 7.2           |    | 12/29/2024    | 1109          |
| 7440-48-4 | Cobalt    | 6.7           |    | 12/29/2024    | 1109          |
| 7440-50-8 | Copper    | 26            |    | 12/29/2024    | 1109          |
| 7439-89-6 | Iron      | 10000         |    | 12/29/2024    | 1109          |
| 7439-92-1 | Lead      | 200           |    | 12/29/2024    | 1109          |
| 7439-95-4 | Magnesium | 68000         |    | 12/29/2024    | 1109          |
| 7439-96-5 | Manganese | 640           |    | 12/29/2024    | 1109          |
| 7440-02-0 | Nickel    | 12            |    | 12/29/2024    | 1109          |
| 7440-09-7 | Potassium | 480           | J  | 12/29/2024    | 1109          |
| 7782-49-2 | Selenium  | 3.6           | U  | 12/29/2024    | 1109          |
| 7440-22-4 | Silver    | 1.0           | U* | 12/29/2024    | 1109          |
| 7440-23-5 | Sodium    | 170           | J  | 12/29/2024    | 1109          |
| 7440-28-0 | Thallium  | 1.5           | J* | 12/29/2024    | 1109          |
| 7440-62-2 | Vanadium  | 8.1           |    | 12/29/2024    | 1109          |
| 7440-66-6 | Zinc      | 170           |    | 12/29/2024    | 1109          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKB1

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-19

% Solids: 55.3 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ):                       $\text{mg/kg}$

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 5800          |    | 12/29/2024    | 1113          |
| 7440-36-0 | Antimony  | 8.9           | U  | 12/29/2024    | 1113          |
| 7440-38-2 | Arsenic   | 7.6           |    | 12/29/2024    | 1113          |
| 7440-39-3 | Barium    | 68            |    | 12/29/2024    | 1113          |
| 7440-41-7 | Beryllium | 0.76          |    | 12/29/2024    | 1113          |
| 7440-43-9 | Cadmium   | 0.38          | J  | 12/29/2024    | 1113          |
| 7440-70-2 | Calcium   | 16000         |    | 12/29/2024    | 1113          |
| 7440-47-3 | Chromium  | 9.4           |    | 12/29/2024    | 1113          |
| 7440-48-4 | Cobalt    | 5.1           | J  | 12/29/2024    | 1113          |
| 7440-50-8 | Copper    | 15            |    | 12/29/2024    | 1113          |
| 7439-89-6 | Iron      | 11000         |    | 12/29/2024    | 1113          |
| 7439-92-1 | Lead      | 49            |    | 12/29/2024    | 1113          |
| 7439-95-4 | Magnesium | 2900          |    | 12/29/2024    | 1113          |
| 7439-96-5 | Manganese | 450           |    | 12/29/2024    | 1113          |
| 7440-02-0 | Nickel    | 8.9           |    | 12/29/2024    | 1113          |
| 7440-09-7 | Potassium | 810           |    | 12/29/2024    | 1113          |
| 7782-49-2 | Selenium  | 2.6           | J  | 12/29/2024    | 1113          |
| 7440-22-4 | Silver    | 1.5           | U* | 12/29/2024    | 1113          |
| 7440-23-5 | Sodium    | 740           | U  | 12/29/2024    | 1113          |
| 7440-28-0 | Thallium  | 3.7           | U* | 12/29/2024    | 1113          |
| 7440-62-2 | Vanadium  | 13            |    | 12/29/2024    | 1113          |
| 7440-66-6 | Zinc      | 96            |    | 12/29/2024    | 1113          |

NOTE: Hardness (total) is reported in  $\text{mg/L}$ 

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKB2

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-20

% Solids: 77.9 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 8800          |    | 12/29/2024    | 1117          |
| 7440-36-0 | Antimony  | 3.2           | J  | 12/29/2024    | 1117          |
| 7440-38-2 | Arsenic   | 12            |    | 12/29/2024    | 1117          |
| 7440-39-3 | Barium    | 110           |    | 12/29/2024    | 1117          |
| 7440-41-7 | Beryllium | 1.4           |    | 12/29/2024    | 1117          |
| 7440-43-9 | Cadmium   | 0.67          |    | 12/29/2024    | 1117          |
| 7440-70-2 | Calcium   | 5500          |    | 12/29/2024    | 1117          |
| 7440-47-3 | Chromium  | 14            |    | 12/29/2024    | 1117          |
| 7440-48-4 | Cobalt    | 4.1           | J  | 12/29/2024    | 1117          |
| 7440-50-8 | Copper    | 22            |    | 12/29/2024    | 1117          |
| 7439-89-6 | Iron      | 20000         |    | 12/29/2024    | 1117          |
| 7439-92-1 | Lead      | 88            |    | 12/29/2024    | 1117          |
| 7439-95-4 | Magnesium | 2800          |    | 12/29/2024    | 1117          |
| 7439-96-5 | Manganese | 930           |    | 12/29/2024    | 1117          |
| 7440-02-0 | Nickel    | 19            |    | 12/29/2024    | 1117          |
| 7440-09-7 | Potassium | 920           |    | 12/29/2024    | 1117          |
| 7782-49-2 | Selenium  | 11            |    | 12/29/2024    | 1117          |
| 7440-22-4 | Silver    | 1.1           | U* | 12/29/2024    | 1117          |
| 7440-23-5 | Sodium    | 540           | U  | 12/29/2024    | 1117          |
| 7440-28-0 | Thallium  | 2.7           | U* | 12/29/2024    | 1117          |
| 7440-62-2 | Vanadium  | 20            |    | 12/29/2024    | 1117          |
| 7440-66-6 | Zinc      | 100           |    | 12/29/2024    | 1117          |

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

Comments:

FORM 1 - IN  
INORGANIC ANALYSIS DATA SHEET

MBHKB3

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

Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHK83

Matrix: SOIL Lab Sample ID: P5038-21

% Solids: 83.7 Date Received: 11/27/2024

Analytical Method: ICP\_AES

Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$ ,  $\text{mg/kg}$  dry weight,  $\mu\text{g}$ , or  $\mu\text{g/cm}^2$ ): mg/kg

| CAS No.   | Analyte   | Concentration | Q  | Date Analyzed | Time Analyzed |
|-----------|-----------|---------------|----|---------------|---------------|
| 7429-90-5 | Aluminum  | 6600          |    | 12/29/2024    | 1121          |
| 7440-36-0 | Antimony  | 1.8           | J  | 12/29/2024    | 1121          |
| 7440-38-2 | Arsenic   | 16            |    | 12/29/2024    | 1121          |
| 7440-39-3 | Barium    | 120           |    | 12/29/2024    | 1121          |
| 7440-41-7 | Beryllium | 1.2           |    | 12/29/2024    | 1121          |
| 7440-43-9 | Cadmium   | 0.94          |    | 12/29/2024    | 1121          |
| 7440-70-2 | Calcium   | 8200          |    | 12/29/2024    | 1121          |
| 7440-47-3 | Chromium  | 11            |    | 12/29/2024    | 1121          |
| 7440-48-4 | Cobalt    | 6.3           |    | 12/29/2024    | 1121          |
| 7440-50-8 | Copper    | 34            |    | 12/29/2024    | 1121          |
| 7439-89-6 | Iron      | 16000         |    | 12/29/2024    | 1121          |
| 7439-92-1 | Lead      | 150           |    | 12/29/2024    | 1121          |
| 7439-95-4 | Magnesium | 2800          |    | 12/29/2024    | 1121          |
| 7439-96-5 | Manganese | 1300          |    | 12/29/2024    | 1121          |
| 7440-02-0 | Nickel    | 20            |    | 12/29/2024    | 1121          |
| 7440-09-7 | Potassium | 670           |    | 12/29/2024    | 1121          |
| 7782-49-2 | Selenium  | 8.3           |    | 12/29/2024    | 1121          |
| 7440-22-4 | Silver    | 0.97          | U* | 12/29/2024    | 1121          |
| 7440-23-5 | Sodium    | 490           | U  | 12/29/2024    | 1121          |
| 7440-28-0 | Thallium  | 2.4           | U* | 12/29/2024    | 1121          |
| 7440-62-2 | Vanadium  | 15            |    | 12/29/2024    | 1121          |
| 7440-66-6 | Zinc      | 130           |    | 12/29/2024    | 1121          |

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

Comments: