

EPA SAMPLE NO.

MBHN39L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No.:                      SDG No.: MBHMZ9Matrix : Soil Analytical Method: ICP-AES% Solids: 95.6Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

| Analyte   | Initial Sample<br>Result (I) | Q | Serial<br>Dilution<br>Result (S) | Q | %<br>Difference | Q |
|-----------|------------------------------|---|----------------------------------|---|-----------------|---|
| Aluminum  | 7900                         |   | 9300                             |   | 19              |   |
| Antimony  | 6.0                          |   | 5.6                              | J | 8               |   |
| Arsenic   | 11                           |   | 9.6                              |   | 15              |   |
| Barium    | 49                           |   | 57                               | J | 16              |   |
| Beryllium | 0.43                         |   | 0.54                             | J | 25              |   |
| Cadmium   | 0.19                         | J | 0.14                             | J | 28              |   |
| Calcium   | 61000                        |   | 73000                            |   | 20              |   |
| Chromium  | 34                           |   | 40                               |   | 17              |   |
| Cobalt    | 10                           |   | 19                               | J | 81              | * |
| Copper    | 74                           |   | 93                               |   | 26              | * |
| Iron      | 21000                        |   | 25000                            |   | 19              |   |
| Lead      | 15                           |   | 17                               |   | 14              |   |
| Magnesium | 21000                        |   | 26000                            |   | 23              | * |
| Manganese | 520                          |   | 630                              |   | 21              | * |
| Nickel    | 18                           |   | 18                               |   | 4               |   |
| Potassium | 4200                         |   | 4500                             |   | 8               |   |
| Selenium  | 7.7                          |   | 14.0                             | U | 100             |   |
| Silver    | 0.57                         | J | 0.87                             | J | 53              |   |
| Sodium    | 100                          | J | 2000                             | U | 100             |   |
| Thallium  | 2.0                          | U | 10.0                             | U |                 |   |
| Vanadium  | 37                           |   | 44                               |   | 20              |   |
| Zinc      | 58                           |   | 67                               |   | 16              |   |