

EPA SAMPLE NO.

MH2GJ0L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51715 MA No.:                      SDG No.: MH2GH8Matrix : Soil Analytical Method: ICP-MS% Solids: 100Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$  or  $\text{mg/kg}$  dry weight): mg/kg

| Analyte   | Initial Sample<br>Result (I) | Q | Serial<br>Dilution<br>Result (S) | Q | %<br>Difference | Q |
|-----------|------------------------------|---|----------------------------------|---|-----------------|---|
| Antimony  | 1.3                          |   | 1.2                              | J | 10              |   |
| Arsenic   | 2.5                          |   | 2.3                              |   | 9               |   |
| Barium    | 91                           |   | 84                               |   | 8               |   |
| Beryllium | 0.13                         | J | 1.9                              | U | 100             |   |
| Cadmium   | 1.9                          |   | 1.7                              | J | 8               |   |
| Chromium  | 49                           |   | 45                               |   | 9               |   |
| Cobalt    | 1.6                          |   | 1.4                              | J | 10              |   |
| Copper    | 51                           |   | 48                               |   | 7               |   |
| Lead      | 120                          |   | 99                               |   | 16              |   |
| Manganese | 180                          |   | 160                              |   | 8               |   |
| Nickel    | 18                           |   | 17                               |   | 6               |   |
| Selenium  | 0.79                         | J | 9.6                              | U | 100             |   |
| Silver    | 0.8                          |   | 0.79                             | J | 2               |   |
| Thallium  | 0.058                        | J | 1.9                              | U | 100             |   |
| Vanadium  | 7.2                          |   | 6.5                              | J | 9               |   |
| Zinc      | 290                          |   | 280                              |   | 3               |   |