

EPA SAMPLE NO.

MYCZD8L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No.:                      SDG No.: MYCZB9Matrix : Soil Analytical Method: ICP-MS% Solids: 98.5Concentration Units ( $\mu\text{g/L}$ ,  $\text{mg/L}$  or  $\text{mg/kg}$  dry weight):                       $\text{mg/kg}$ 

| Analyte   | Initial Sample<br>Result (I) | Q | Serial<br>Dilution<br>Result (S) | Q  | %<br>Difference | Q |
|-----------|------------------------------|---|----------------------------------|----|-----------------|---|
| Antimony  | 0.46                         | J | 0.49                             | J  | 5               |   |
| Arsenic   | 57                           |   | 61                               |    | 7               |   |
| Barium    | 56                           | D | 55                               | JD | 1               |   |
| Beryllium | 0.26                         | J | 0.2                              | J  | 24              |   |
| Cadmium   | 1.3                          |   | 1.3                              | J  | 3               |   |
| Chromium  | 120                          |   | 120                              |    | 7               |   |
| Cobalt    | 44                           | D | 46                               | D  | 3               |   |
| Copper    | 270                          |   | 300                              |    | 9               |   |
| Lead      | 41                           |   | 39                               |    | 3               |   |
| Nickel    | 78                           | D | 81                               | D  | 4               |   |
| Selenium  | 0.63                         | J | 9.0                              | U  | 100             |   |
| Silver    | 0.37                         |   | 0.4                              | J  | 8               |   |
| Thallium  | 0.043                        | J | 1.8                              | U  | 100             |   |
| Vanadium  | 150                          | D | 160                              | D  | 3               |   |
| Zinc      | 130                          |   | 150                              |    | 17              |   |