

EPA SAMPLE NO.

MYCYZ8L

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.: MYCYX9Matrix : Soil Analytical Method: ICP-MS% Solids: 99Concentration 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  | 0.042                        | J | 54                               |    | 130200          |   |
| Arsenic   | 17                           |   | 22                               |    | 30              | * |
| Barium    | 110                          | D | 110                              | D  | 2               |   |
| Beryllium | 0.44                         |   | 0.67                             | J  | 51              |   |
| Cadmium   | 0.24                         | J | 1.5                              | J  | 514             |   |
| Chromium  | 16                           |   | 22                               |    | 43              | * |
| Cobalt    | 12                           | D | 12                               | D  | 1               |   |
| Copper    | 25                           |   | 35                               |    | 43              | * |
| Lead      | 10                           |   | 35                               |    | 242             | * |
| Nickel    | 15                           | D | 15                               | D  | 3               |   |
| Selenium  | 2.1                          | U | 2.4                              | J  | 100             |   |
| Silver    | 0.042                        | J | 0.56                             | J  | 1250            |   |
| Thallium  | 0.083                        | J | 1.4                              | J  | 1625            |   |
| Vanadium  | 40                           | D | 40                               | JD | 0               |   |
| Zinc      | 65                           |   | 510                              |    | 685             | * |