

EPA SAMPLE NO.

MYDA42L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No.:                      SDG No.: MYDA19Matrix : Soil Analytical Method: ICP-MS% Solids: 98.8Concentration 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  | 0.32                         | J | 0.31                             | J | 3               |   |
| Arsenic   | 43                           |   | 45                               |   | 4               |   |
| Barium    | 110                          | D | 110                              | D | 6               |   |
| Beryllium | 0.58                         |   | 0.51                             | J | 13              |   |
| Cadmium   | 0.3                          | J | 2.2                              | U | 100             |   |
| Chromium  | 44                           |   | 46                               |   | 6               |   |
| Cobalt    | 22                           | D | 22                               | D | 3               |   |
| Copper    | 72                           |   | 76                               |   | 6               |   |
| Lead      | 18                           |   | 17                               |   | 6               |   |
| Nickel    | 32                           | D | 31                               | D | 1               |   |
| Selenium  | 0.37                         | J | 11.0                             | U | 100             |   |
| Silver    | 0.066                        | J | 2.2                              | U | 100             |   |
| Thallium  | 0.07                         | J | 2.2                              | U | 100             |   |
| Vanadium  | 89                           | D | 86                               | D | 2               |   |
| Zinc      | 85                           |   | 90                               |   | 6               |   |