

EPA SAMPLE NO.

MYD4R7L

FORM 8-IN

## ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No.:                      SDG No.: MYD4Q8Matrix : Soil Analytical Method: ICP-AES% Solids: 98.6Concentration 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   | 1.9                          | J | 23.0                             | U | 100             |   |
| Arsenic    | 93                           |   | 90                               |   | 4               |   |
| Barium     | 120                          |   | 130                              |   | 13              |   |
| Beryllium  | 0.49                         |   | 0.59                             | J | 20              |   |
| Cadmium    | 1.2                          |   | 0.87                             | J | 28              |   |
| Chromium   | 13                           |   | 15                               |   | 14              |   |
| Cobalt     | 15                           |   | 15                               | J | 4               |   |
| Copper     | 61                           |   | 70                               |   | 15              |   |
| Lead       | 80                           |   | 79                               |   | 1               |   |
| Manganese  | 600                          |   | 690                              |   | 16              |   |
| Molybdenum | 3.8                          | U | 19.0                             | U |                 |   |
| Nickel     | 18                           |   | 18                               |   | 2               |   |
| Selenium   | 2.7                          | U | 13.0                             | U |                 |   |
| Silver     | 0.76                         | U | 3.8                              | U |                 |   |
| Thallium   | 1.9                          | U | 9.5                              | U |                 |   |
| Vanadium   | 58                           |   | 65                               |   | 13              |   |
| Zinc       | 210                          |   | 230                              |   | 10              |   |