

EPA SAMPLE NO.

MYDA66L

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.: MYDA53Matrix : Soil Analytical Method: ICP-AES% Solids: 98.1Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

| Analyte   | Initial Sample<br>Result (I) |    | Serial<br>Dilution<br>Result (S) |    | %<br>Difference |   |
|-----------|------------------------------|----|----------------------------------|----|-----------------|---|
|           |                              | Q  |                                  | Q  |                 | Q |
| Aluminum  | 19000                        | D  | 20000                            | D  | 6               |   |
| Antimony  | 1.5                          | JD | 45.0                             | UD | 100             |   |
| Arsenic   | 41                           | D  | 49                               | D  | 20              |   |
| Barium    | 250                          | D  | 260                              | D  | 6               |   |
| Beryllium | 1.0                          | D  | 1.1                              | JD | 5               |   |
| Cadmium   | 0.26                         | JD | 3.8                              | UD | 100             |   |
| Calcium   | 3700                         | D  | 3900                             | D  | 6               |   |
| Chromium  | 66                           | D  | 73                               | D  | 10              |   |
| Cobalt    | 34                           | D  | 35                               | JD | 1               |   |
| Copper    | 69                           | D  | 74                               | D  | 6               |   |
| Iron      | 70000                        | D  | 76000                            | D  | 8               |   |
| Lead      | 24                           | D  | 24                               | D  | 1               |   |
| Magnesium | 9400                         | D  | 9900                             | D  | 5               |   |
| Manganese | 2300                         | D  | 2400                             | D  | 9               |   |
| Nickel    | 57                           | D  | 58                               | D  | 2               |   |
| Potassium | 5200                         | D  | 5400                             | D  | 4               |   |
| Selenium  | 5.3                          | UD | 26.0                             | UD |                 |   |
| Silver    | 1.5                          | UD | 7.5                              | UD |                 |   |
| Sodium    | 270                          | JD | 3800                             | UD | 100             |   |
| Thallium  | 3.8                          | UD | 19.0                             | UD |                 |   |
| Vanadium  | 140                          | D  | 150                              | D  | 6               |   |
| Zinc      | 85                           | D  | 96                               | D  | 12              |   |