

EPA SAMPLE NO.

MYDB72L

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.: MYDB12Matrix : Soil Analytical Method: ICP-AES% Solids: 96.5Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

| Analyte   | Initial Sample<br>Result (I) | Q  | Serial<br>Dilution<br>Result (S) | Q  | %<br>Difference | Q |
|-----------|------------------------------|----|----------------------------------|----|-----------------|---|
| Aluminum  | 16000                        | D  | 18000                            | D  | 13              |   |
| Antimony  | 0.72                         | JD | 47.0                             | UD | 100             |   |
| Arsenic   | 33                           | D  | 43                               | D  | 32              |   |
| Barium    | 130                          | D  | 150                              | JD | 12              |   |
| Beryllium | 1.0                          | D  | 1.3                              | JD | 26              |   |
| Cadmium   | 0.92                         | D  | 0.84                             | JD | 9               |   |
| Calcium   | 5100                         | D  | 6000                             | D  | 17              |   |
| Chromium  | 15                           | D  | 17                               | D  | 12              |   |
| Cobalt    | 15                           | D  | 15                               | JD | 1               |   |
| Copper    | 43                           | D  | 51                               | D  | 19              |   |
| Iron      | 32000                        | D  | 38000                            | D  | 16              |   |
| Lead      | 28                           | D  | 30                               | D  | 7               |   |
| Magnesium | 5400                         | D  | 6100                             | D  | 13              |   |
| Manganese | 530                          | D  | 600                              | D  | 13              |   |
| Nickel    | 17                           | D  | 18                               | JD | 6               |   |
| Potassium | 1300                         | D  | 1500                             | JD | 19              |   |
| Selenium  | 5.5                          | UD | 28.0                             | UD |                 |   |
| Silver    | 1.6                          | UD | 7.9                              | UD |                 |   |
| Sodium    | 160                          | JD | 3900                             | UD | 100             |   |
| Thallium  | 3.9                          | UD | 20.0                             | UD |                 |   |
| Vanadium  | 53                           | D  | 51                               | D  | 5               |   |
| Zinc      | 91                           | D  | 110                              | D  | 17              |   |