

EPA SAMPLE NO.

ME28X0L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51847 MA No.:                      SDG No.: ME28W7Matrix : Soil Analytical Method: ICP-AES% Solids: 78.3Concentration 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 |
|-----------|------------------------------|---|----------------------------------|---|-----------------|---|
| Aluminum  | 9800                         |   | 10000                            |   | 6               |   |
| Calcium   | 31000                        |   | 33000                            |   | 8               |   |
| Iron      | 24000                        |   | 27000                            |   | 9               |   |
| Magnesium | 15000                        |   | 16000                            |   | 9               |   |
| Potassium | 1400                         |   | 1100                             | J | 24              |   |
| Sodium    | 110                          | J | 2300                             | U | 100             |   |