

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

VNJ-231L

Lab Name: Alliance Contract: POWE02  
Lab Code: ACE Lb No.: lb136778 Lab Sample ID : Q2793-01L SDG No.: Q2807  
Matrix (soil/water): Solid Level (low/med): LOW  
Concentration Units: mg/Kg

| Analyte   | Initial Sample Result (I) |       | Serial Dilution Result (S) |       | % Differ-ence |       | Q | M |
|-----------|---------------------------|-------|----------------------------|-------|---------------|-------|---|---|
|           |                           | C     |                            | C     |               |       |   |   |
| Aluminum  |                           | 5530  |                            | 6090  |               | 10    |   | P |
| Antimony  |                           | 2.38  | U                          | 11.9  | U             |       |   | P |
| Arsenic   |                           | 3.57  |                            | 3.46  | J             | 3     |   | P |
| Barium    |                           | 55.0  |                            | 57.3  |               | 4     |   | P |
| Beryllium |                           | 0.47  |                            | 0.54  | J             | 14    |   | P |
| Cadmium   |                           | 0.32  |                            | 0.16  | J             | 51    |   | P |
| Calcium   |                           | 1440  |                            | 1610  |               | 12    |   | P |
| Chromium  |                           | 10.1  |                            | 11.0  |               | 10    |   | P |
| Cobalt    |                           | 4.83  |                            | 4.61  | J             | 5     |   | P |
| Copper    |                           | 16.6  |                            | 19.8  |               | 19    |   | P |
| Iron      |                           | 10700 |                            | 11500 |               | 8     |   | P |
| Lead      |                           | 42.2  |                            | 42.3  |               | 0     |   | P |
| Magnesium |                           | 1480  |                            | 1640  |               | 11    |   | P |
| Manganese |                           | 302   |                            | 334   |               | 11    |   | P |
| Nickel    |                           | 9.50  |                            | 9.45  | J             | 1     |   | P |
| Potassium |                           | 561   |                            | 604   |               | 8     |   | P |
| Selenium  |                           | 0.95  | U                          | 4.75  | U             |       |   | P |
| Silver    |                           | 0.37  | J                          | 2.38  | U             | 100.0 |   | P |
| Sodium    |                           | 235   |                            | 236   | J             | 0     |   | P |
| Thallium  |                           | 1.90  | U                          | 9.50  | U             |       |   | P |
| Vanadium  |                           | 14.8  |                            | 16.3  |               | 10    |   | P |
| Zinc      |                           | 48.8  |                            | 53.1  |               | 9     |   | P |

**Metals**

**-9 -**

**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

COMP-6L

**Lab Name:** Alliance

**Contract:** POWE02

**Lab Code:** ACE

**Lb No.:** lb136768

**Lab Sample ID :** Q2807-03L

**SDG No.:** Q2807

**Matrix (soil/water):** Solid

**Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample Result (I) |    | Serial Dilution Result (S) | Serial Dilution Result (S) |  | % Difference | Q | M  |
|---------|---------------------------|----|----------------------------|----------------------------|--|--------------|---|----|
|         | C                         |    | C                          |                            |  |              |   |    |
| Mercury | 1.27                      | OR | 0.42                       |                            |  | 67           |   | CV |