

### 35 Element Semi-Quantitative Emission Spectrograph

| Element    | (PPM) | ( % ) | Lower<br>Detection<br>Limit |
|------------|-------|-------|-----------------------------|
| Gold       | N     |       | 10                          |
| Silver     | 2.0   |       | 0.5                         |
| Copper     | 10.0  |       | 5                           |
| Lead       | 20.0  |       | 200                         |
| Zinc       | N     |       | 200                         |
| Molybdenum | N     |       | 5                           |
| Iron       |       | 1.0   | 0.05                        |
| Tungsten   | N     |       | 50                          |
| Nickel     | 10.0  |       | 5                           |
| Cobalt     | N     |       | 5                           |
| Chromium   | N     |       | 10                          |
| Cadmium    | N     |       | 20                          |
| Arsenic    | N     |       | 200                         |
| Antimony   | N     |       | 100                         |
| Manganese  | 400.0 |       | 10                          |
| Vanadium   | 10.0  |       | 10                          |
| Bismuth    | N     |       | 10                          |
| Tin        | N     |       | 10                          |
| Zirconium  | 200.0 |       | 10                          |
| Boron      | 20.0  |       | 10                          |
| Barium     | 100.0 |       | 20                          |
| Beryllium  | N     |       | 1                           |
| Lanthanum  | N     |       | 20                          |
| Niobium    | N     |       | 20                          |
| Scandium   | N     |       | 5                           |
| Strontium  | 100.0 |       | 100                         |
| Yttrium    | N     |       | 10                          |
| Calcium    |       | 2.0   | 0.05                        |
| Magnesium  |       | 2.0   | 0.02                        |
| Titanium   |       | 0.1   | 0.002                       |
| Sodium     |       | N     | 0.15                        |
| Aluminum   |       | 1.0   | 0.5                         |
| Potassium  |       | 4.0   | 0.5                         |
| Silicon    |       | 30.0  | 2.0                         |
| Phosphorus |       | N     | 0.1                         |

N = Not detected

L = Detected, but below limit of determination

G = Greater than value shown

PPM = Parts per million