

### 35 Element Semi-Quantitative Emission Spectrograph

Element	(PPM)	( % )	Lower Detection Limit
Gold	N		10
Silver	N		0.5
Copper	10.0		5
Lead	15.0		200
Zinc	N		200
Molybdenum	N		5
Iron		N	0.05
Tungsten	N		50
Nickel	N		5
Cobalt	N		5
Chromium	N		10
Cadmium	N		20
Arsenic	N		200
Antimony	N		100
Manganese	50.0		10
Vanadium	N		10
Bismuth	N		10
Tin	N		10
Zirconium	N		10
Boron	N		10
Barium	N		20
Beryllium	N		1
Lanthanum	N		20
Niobium	N		20
Scandium	N		5
Strontium	200.0		100
Yttrium	N		10
Calcium		G 20.0	0.05
Magnesium		0.5	0.02
Titanium		N	0.002
Sodium		N	0.15
Aluminum		N	0.5
Potassium	N		0.5
Silicon		L	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