

### 35 Element Semi-Quantitative Emission Spectrograph

Element	(PPM)	( % )	Lower Detection Limit
Gold	N		10
Silver	2.0		0.5
Copper	20.0		5
Lead	5.0		200
Zinc	N		200
Molybdenum	N		5
Iron		2.0	0.05
Tungsten	N		50
Nickel	5.0		5
Cobalt	N		5
Chromium	10.0		10
Cadmium	N		20
Arsenic	N		200
Antimony	N		100
Manganese	150.0		10
Vanadium	70.0		10
Bismuth	N		10
Tin	N		10
Zirconium	30.0		10
Boron	10.0		10
Barium	500.0		20
Beryllium	5.0		1
Lanthanum	N		20
Niobium	N		20
Scandium	20.0		5
Strontium	100.0		100
Yttrium	10.0		10
Calcium		3.0	0.05
Magnesium		3.0	0.02
Titanium		N	0.002
Sodium		3.0	0.15
Aluminum		7.0	0.5
Potassium		N	0.5
Silicon		20.0	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