

35 Element Semi-Quantitative Emission Spectrograph

Element	(PPM)	(%)	Lower Detection Limit
Gold	N		10
Silver	3.0		0.5
Copper	10.0		5
Lead	100.0		200
Zinc	N		200
Molybdenum	N		5
Iron		3.0	0.05
Tungsten	N		50
Nickel	50.0		5
Cobalt	10.0		5
Chromium	L		10
Cadmium	N		20
Arsenic	N		200
Antimony	N		100
Manganese	200.0		10
Vanadium	70.0		10
Bismuth	N		10
Tin	N		10
Zirconium	30.0		10
Boron	30.0		10
Barium	200.0		20
Beryllium	3.0		1
Lanthanum	N		20
Niobium	10.0		20
Scandium	10.0		5
Strontium	N		100
Yttrium	N		10
Calcium		0.2	0.05
Magnesium		1.0	0.02
Titanium		0.1	0.002
Sodium		0.5	0.15
Aluminum		7.0	0.5
Potassium	0.5		0.5
Silicon		G 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