

35 Element Semi-Quantitative Emission Spectrograph

Element	(PPM)	(%)	Lower Detection Limit
Gold	N		10
Silver	1.0		0.5
Copper	50.0		5
Lead	50.0		200
Zinc	N		200
Molybdenum	N		5
Iron		3.0	0.05 %
Tungsten	N		50
Nickel	50.0		5
Cobalt	20.0		5
Chromium	L		10
Cadmium	N		20
Arsenic	N		200
Antimony	N		100
Manganese	300.0		10
Vanadium	100.0		10
Bismuth	N		10
Tin	N		10
Zirconium	50.0		10
Boron	N		10
Barium	200.0		20
Beryllium	1.0		1
Lanthanum	N		20
Niobium	10.0		20
Scandium	15.0		5
Strontium	200.0		100
Yttrium	N		10
Calcium		2.0	0.05 %
Magnesium		2.0	0.02 %
Titanium		0.2	0.002 %
Sodium		2.0	0.15 %
Aluminum		7.0	0.5 %
Potassium	N		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