

Nb

Niobium

(ICP-MS - 4-acid)

Bancroft, Ontario Area

Lake Sediment Geochemistry

parts of NTS 031C, D, E and F

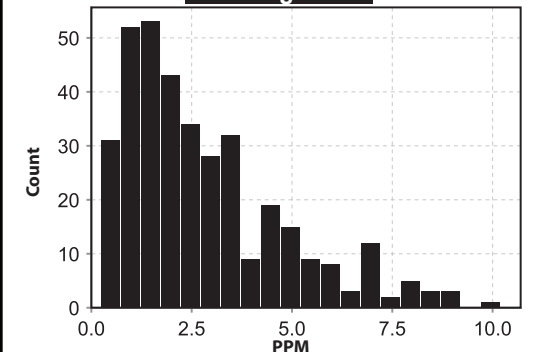
GSC Open File 7282



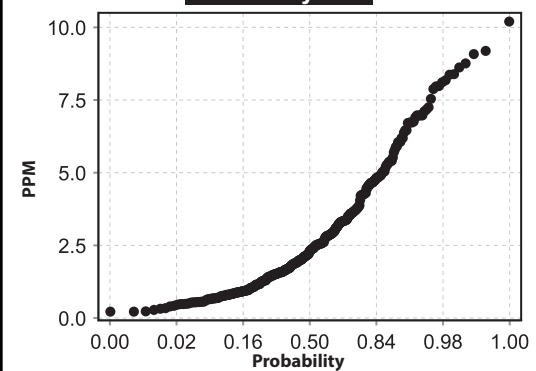
Summary Stats

Number of Sites	362	Maximum	10.20
Detection Limit	0.04	99 th Percentile	8.88
Unit	PPM	98 th Percentile	8.32
Sites Below Det. Lim.	0	95 th Percentile	6.97
Mean	2.80	90 th Percentile	5.86
Median	2.30	75 th Percentile	3.70
Geometric Mean	2.15	50 th Percentile	2.30
Variance	4.00	25 th Percentile	1.30
Standard Deviation	2.00	10 th Percentile	0.77
Kurtosis	0.94	5 th Percentile	0.55
Skewness	1.17	Minimum	0.22
Coefficient of Variation	71.39		
Robust Coeff. of Var.	77.10		

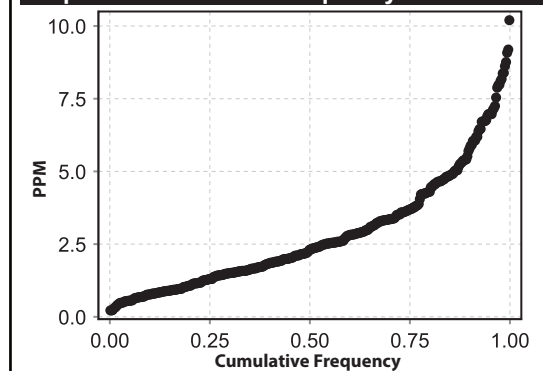
Histogram



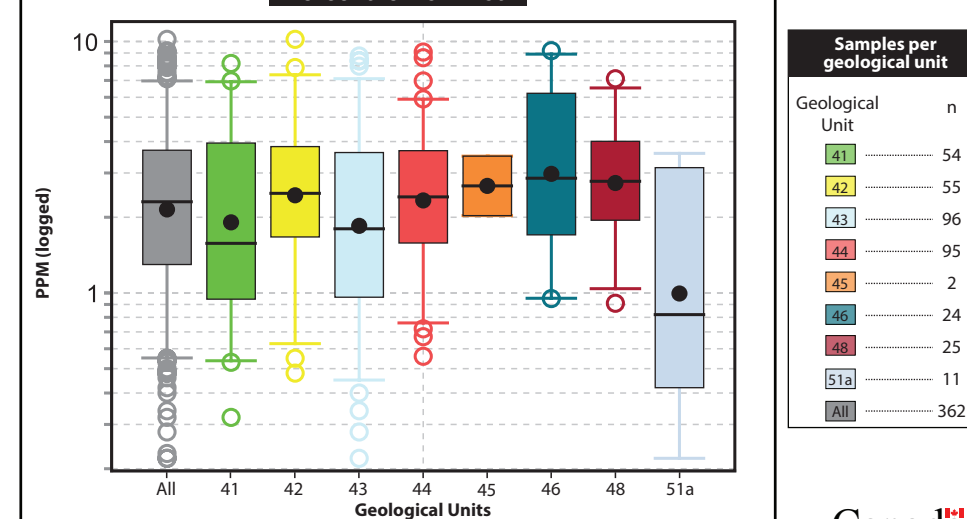
Probability Plot



Empirical Cumulative Frequency Distribution



Percentile Box Plot



Geological Legend

Paleozoic
Carbonate (Limestone, dolostone, shale, sandstone)
Proterozoic Neo - to Mesoproterozoic
Tectonite (tectonites, straight gneisses, porphyroclastic gneisses, mylonites)
Mafic to Ultramafic Plutonic (diorite, gabbro, peridotite, pyroxenite)
Alkalic Plutonic (nepheline syenite, alkalic syenite, fenite; associated mafic, carbonatic rocks)
Early Felsic Plutonic (granodiorite)
Carbonate Metasedimentary (marble, calc-silicate rocks, skarn)
Clastic Metasedimentary (conglomerate, wacke, quartz arenite, arkose, limestone, siltstone, chert)
Mafic to Felsic Metavolcanic (flows, tuffs, breccias, amphibolite)
Mesoproterozoic
Felsic Igneous (tonalite, granodiorite, monzonite, granite, syenite)

Symbols Legend

PPM	Percentile	n
10.20	Max	(16)
6.97	95 th	(75)
3.70	75 th	(90)
2.30	50 th	(88)
1.30	25 th	(73)
0.55	5 th	(20)
0.22	Min	

Detection Limit: 0.4 PPM

Faults

Ontario Geological Survey, 1991. Bedrock geology of Ontario, southern sheet; Ontario Geological Survey, Map2544, scale 1:1,000,000

Projection: Lambert Regional Conformal

Datum: NAD83

Map Scale
0 5 10
kilometres

