

Rubidium

(ICP-MS - 4-acid)

Bancroft, Ontario Area
Lake Sediment Geochemistry
parts of NTS 031C, D, E and F
GSC Open File 7282

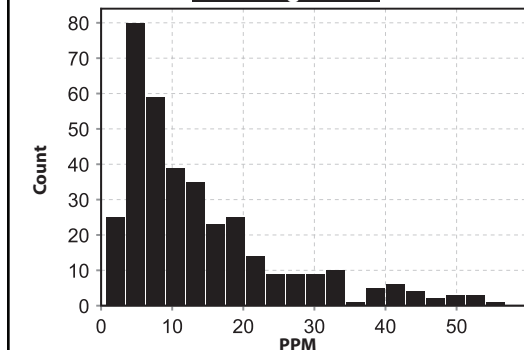
Rb



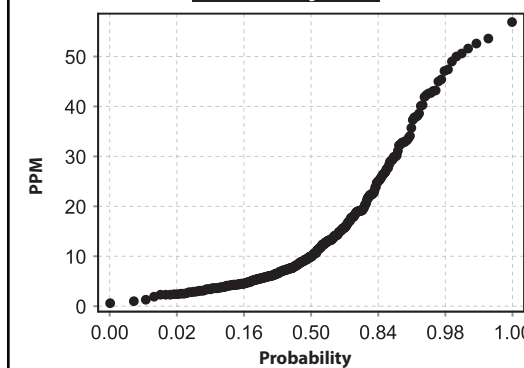
Summary Stats

Number of Sites	362	Maximum	56.9
Detection Limit	0.1	99 th Percentile	52.0
Unit	PPM	98 th Percentile	48.6
Sites Below Det. Lim.	0	95 th Percentile	40.3
Mean	14.1	90 th Percentile	30.8
Median	9.9	75 th Percentile	18.8
Geometric Mean	10.4	50 th Percentile	9.9
Variance	130.1	25 th Percentile	5.8
Standard Deviation	11.4	10 th Percentile	3.9
Kurtosis	1.9	5 th Percentile	3.1
Skewness	1.5	Minimum	0.6
Coefficient of Variation	81.2		
Robust Coeff. of Var.	97.5		

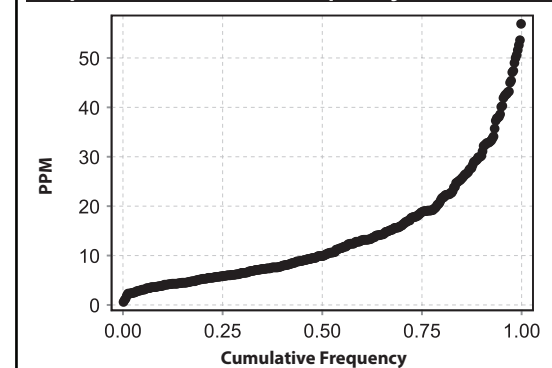
Histogram



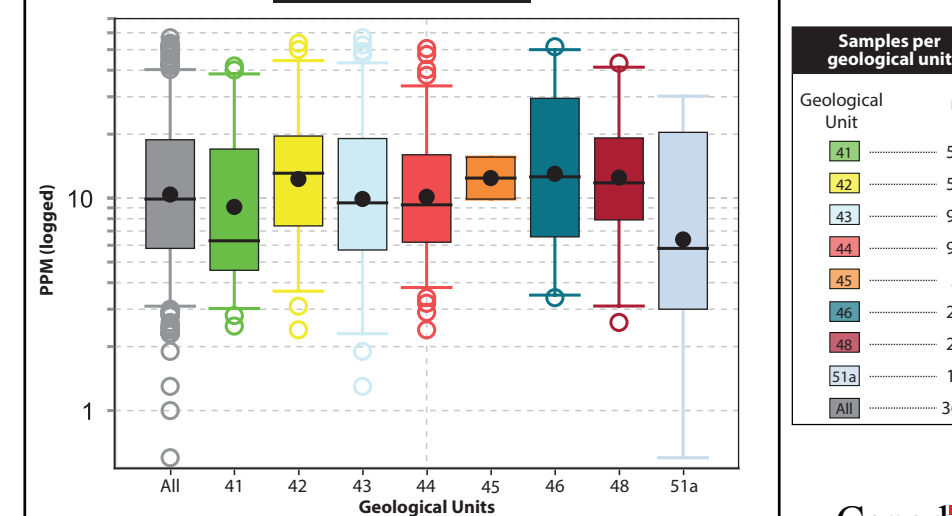
Probability Plot



Empirical Cumulative Frequency Distribution



Percentile Box Plot



Samples per geological unit

Geological Unit	n
41	54
42	55
43	96
44	95
45	2
46	24
48	25
51a	11
All	362

Geological Legend

Paleozoic
Carbonate (Limestone, dolostone, shale, sandstone)
51a
Proterozoic Neo - to Mesoproterozoic
Tectonite (tectonites, straight gneisses, porphyroclastic gneisses, mylonites)
48
Mafic to Ultramafic Plutonic (diorite, gabbro, peridotite, pyroxenite)
46
Alkalic Plutonic (nepheline syenite, alkalic syenite, fenite; associated mafic, carbonatic rocks)
45
Early Felsic Plutonic (granodiorite)
44
Carbonate Metasedimentary (marble, calc-silicate rocks, skarn)
43
Clastic Metasedimentary (conglomerate, wacke, quartz arenite, arkose, limestone, siltstone, chert)
42
Mafic to Felsic Metavolcanic (flows, tuffs, breccias, amphibolite)
41
Mesoproterozoic
Felsic Igneous (tonalite, granodiorite, monzonite, granite, syenite)
40

Symbols Legend

PPM	Percentile	n
56.9	Max	(19)
40.3	95 th	(72)
18.8	75 th	(89)
9.9	50 th	(91)
5.8	25 th	(71)
0.6	Min	(20)

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

