

Lanthanum

(ICP-MS - 4-acid)

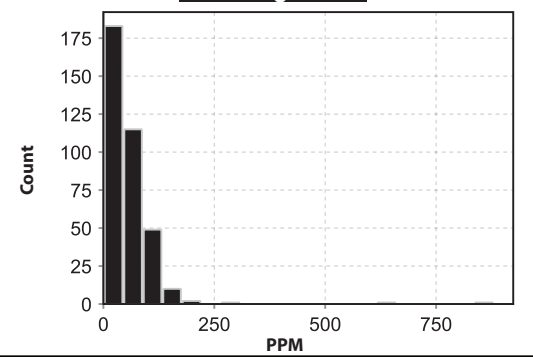
Bancroft, Ontario Area
Lake Sediment Geochemistry
parts of NTS 031C, D, E and F
GSC Open File 7282

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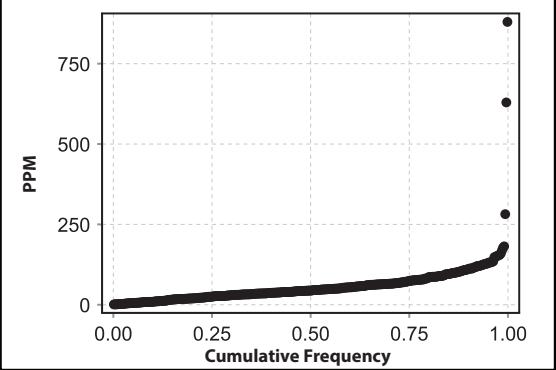
Summary Stats

Number of Sites	362	Maximum	879.9
Detection Limit	0.1	99 th Percentile	218.7
Unit	PPM	98 th Percentile	158.6
Sites Below Det. Lim.	0	95 th Percentile	131.0
Mean	57.1	90 th Percentile	111.7
Median	44.1	75 th Percentile	74.0
Geometric Mean	38.4	50 th Percentile	44.1
Variance	4333.7	25 th Percentile	25.1
Standard Deviation	65.8	10 th Percentile	9.2
Kurtosis	82.5	5 th Percentile	5.1
Skewness	7.5	Minimum	1.0
Coefficient of Variation	115.2		
Robust Coeff. of Var.	82.4		

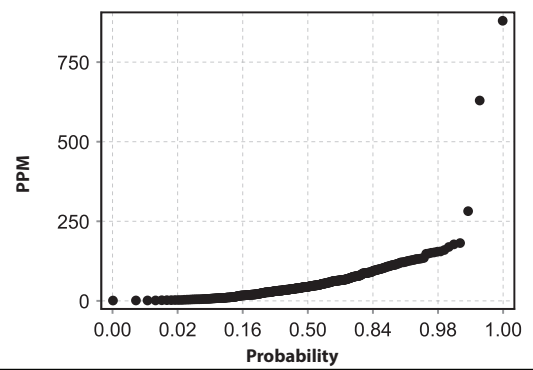
Histogram



Empirical Cumulative Frequency Distribution



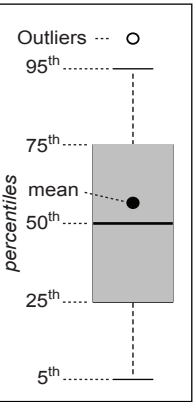
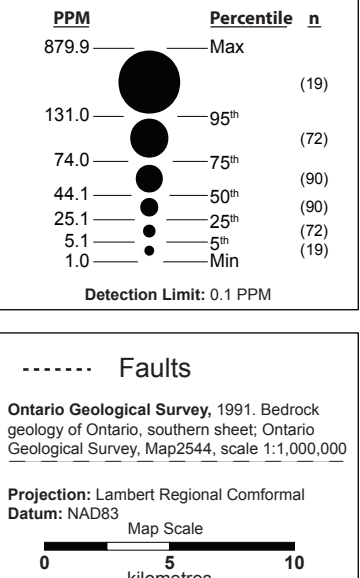
Probability Plot



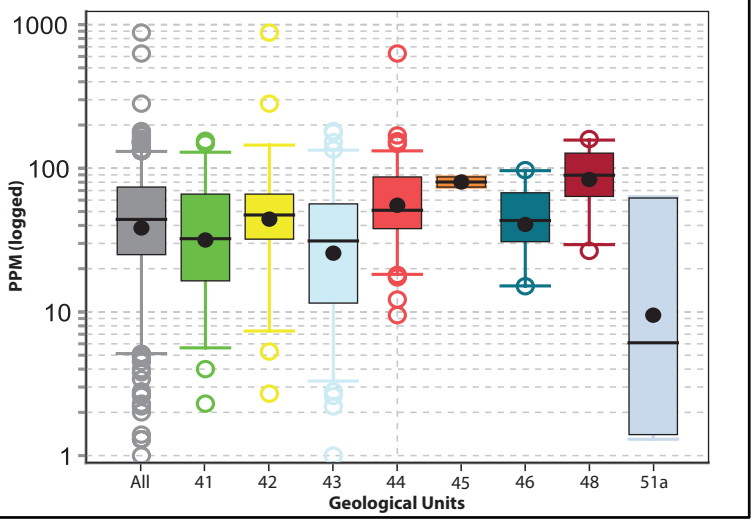
Geological Legend

- 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



Percentile Box Plot



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