

Yttrium

(ICP-MS - 4-acid)

Bancroft, Ontario Area

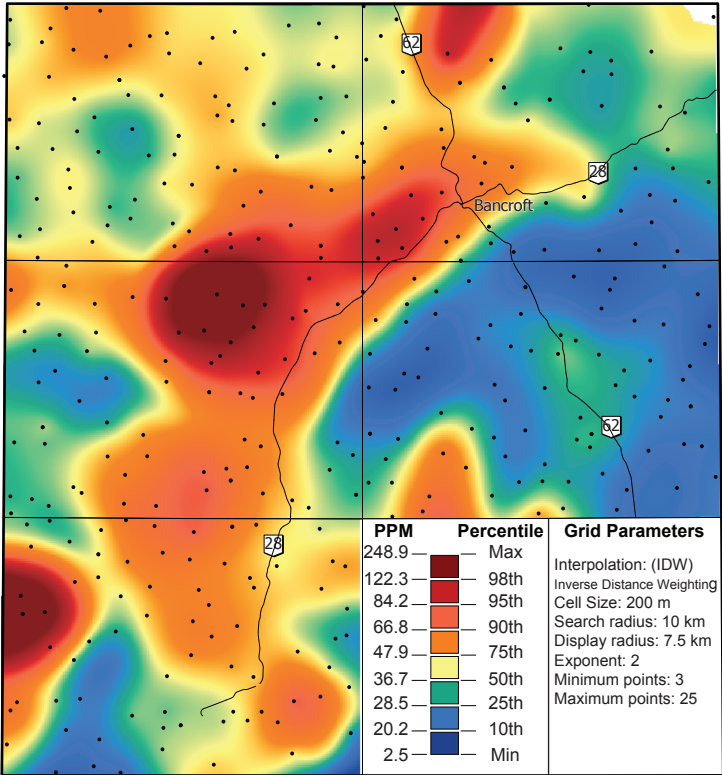
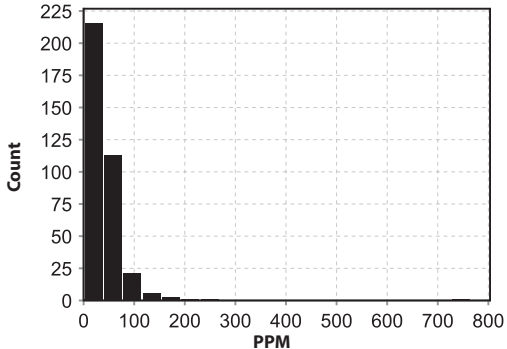
Lake Sediment Geochemistry
parts of NTS 031C, D, E and F
GSC Open File 7282

Y

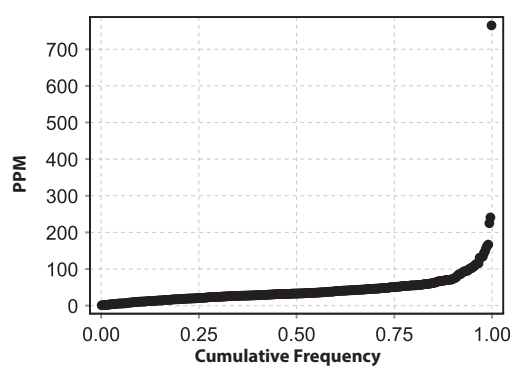
Summary Stats

Number of Sites	362	Maximum	765.1
Detection Limit	0.1	99 th Percentile	188.3
Unit	PPM	98 th Percentile	147.2
Sites Below Det. Lim.	0	95 th Percentile	106.1
Mean	42.4	90 th Percentile	73.7
Median	33.0	75 th Percentile	50.9
Geometric Mean	30.3	50 th Percentile	33.0
Variance	2473.0	25 th Percentile	20.5
Standard Deviation	49.7	10 th Percentile	10.7
Kurtosis	124.5	5 th Percentile	5.7
Skewness	9.1	Minimum	0.9
Coefficient of Variation	117.3		
Robust Coeff. of Var.	68.3		

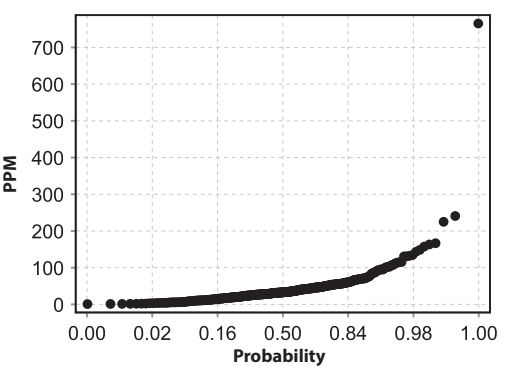
Histogram



Empirical Cumulative Frequency Distribution



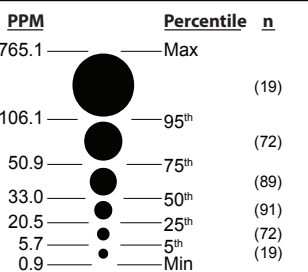
Probability Plot



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)

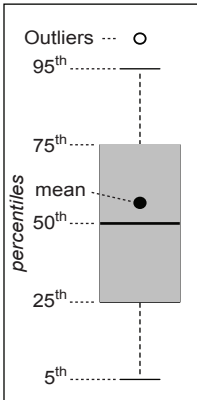
Symbols Legend



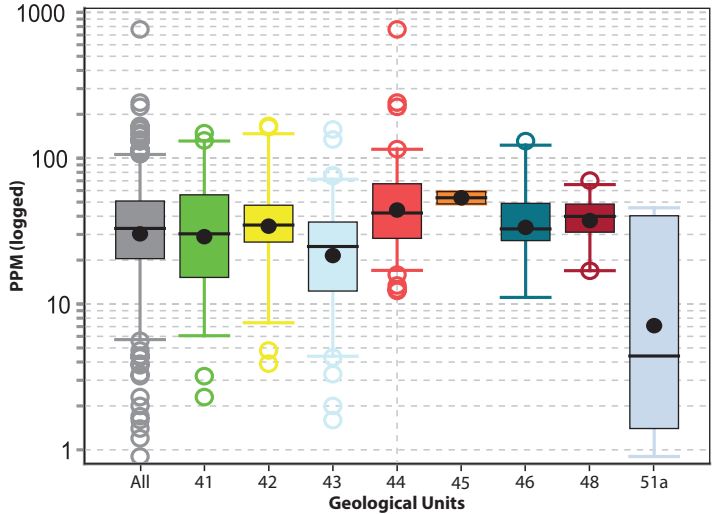
Faults

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



Percentile Box Plot



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