

Nickel

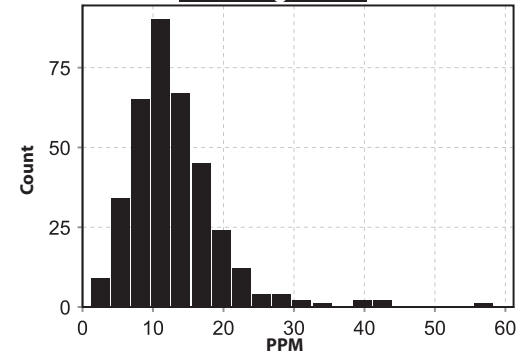
(ICP-MS - 4-acid)
Bancroft, Ontario Area
Lake Sediment Geochemistry
parts of NTS 031C, D, E and F
GSC Open File 7282

Ni

Summary Stats

Number of Sites	362	Maximum	58.3
Detection Limit	0.1	99 th Percentile	41.5
Unit	PPM	98 th Percentile	30.5
Sites Below Det. Lim.	0	95 th Percentile	23.3
Mean	13.0	90 th Percentile	20.3
Median	11.7	75 th Percentile	15.8
Geometric Mean	11.6	50 th Percentile	11.7
Variance	43.2	25 th Percentile	9.1
Standard Deviation	6.6	10 th Percentile	6.4
Kurtosis	9.2	5 th Percentile	4.8
Skewness	2.1	Minimum	1.1
Coefficient of Variation	50.6		
Robust Coeff. of Var.	42.8		

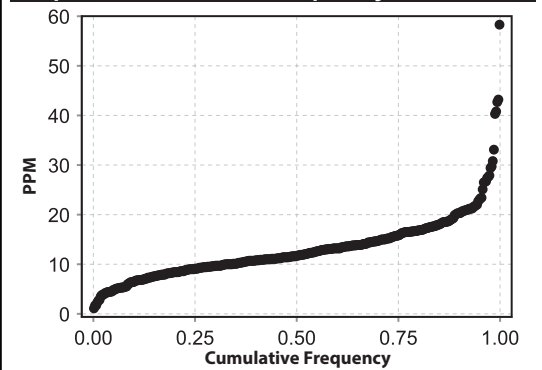
Histogram



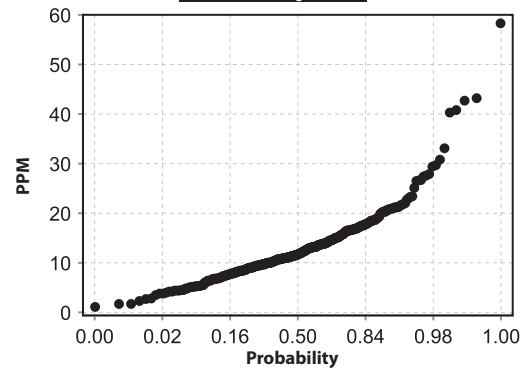
PPM	Percentile
29.2	Max
21.6	98 th
19.1	95 th
17.0	90 th
14.3	75 th
12.3	50 th
10.9	25 th
9.7	10 th
1.7	Min

Grid Parameters
Interpolation: (IDW)
Inverse Distance Weighting
Cell Size: 200 m
Search radius: 10 km
Display radius: 7.5 km
Exponent: 2
Minimum points: 3
Maximum points: 25

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

PPM	Percentile	n
58.3	Max	(19)
23.3	95 th	(71)
15.8	75 th	(90)
11.7	50 th	(89)
9.1	25 th	(74)
4.8	5 th	(19)
1.1	Min	

Detection Limit: 0.1 PPM

Faults

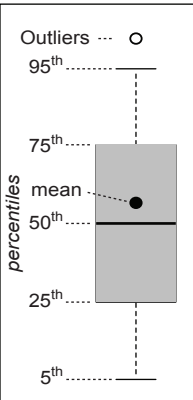
Ontario Geological Survey, 1991. Bedrock geology of Ontario, southern sheet; Ontario Geological Survey, Map2544, scale 1:1,000,000

Projection: Lambert Regional Conformal

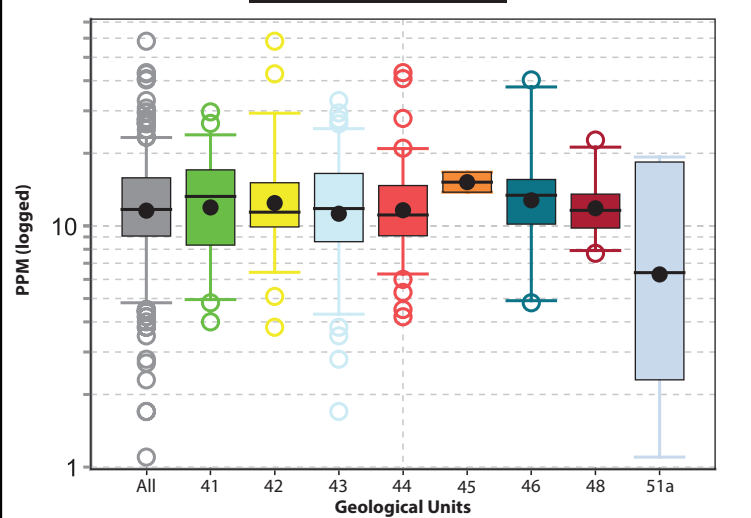
Datum: NAD83

Map Scale

0 5 10 kilometres



Percentile Box Plot



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