

# Cobalt

(ICP-MS - 4-acid)

Bancroft, Ontario Area

Lake Sediment Geochemistry

parts of NTS 031C, D, E and F

GSC Open File 7282

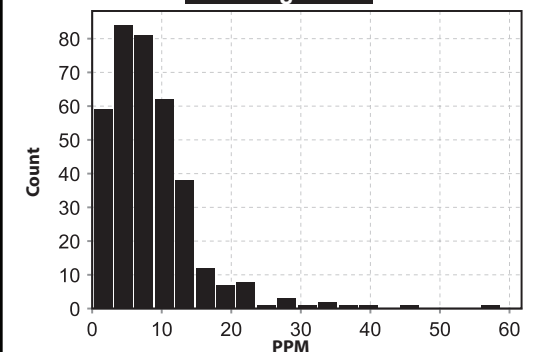
# Co



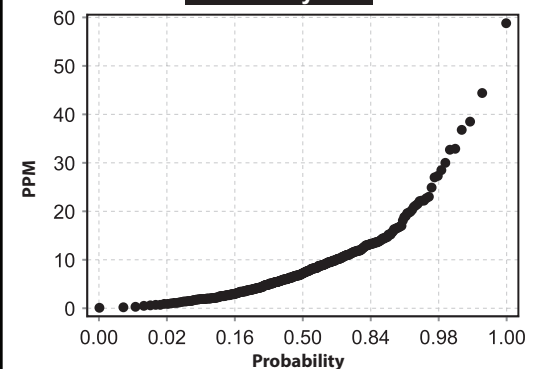
## Summary Stats

Number of Sites	362	Maximum	58.8
Detection Limit	0.2	99 <sup>th</sup> Percentile	37.4
Unit	PPM	98 <sup>th</sup> Percentile	29.6
Sites Below Det. Lim.	1	95 <sup>th</sup> Percentile	21.2
Mean	8.6	90 <sup>th</sup> Percentile	15.2
Median	7.2	75 <sup>th</sup> Percentile	11.0
Geometric Mean	6.5	50 <sup>th</sup> Percentile	7.2
Variance	46.5	25 <sup>th</sup> Percentile	4.1
Standard Deviation	6.8	10 <sup>th</sup> Percentile	2.1
Kurtosis	11.7	5 <sup>th</sup> Percentile	1.5
Skewness	2.6	Minimum	<0.2
Coefficient of Variation	79.2		
Robust Coeff. of Var.	71.3		

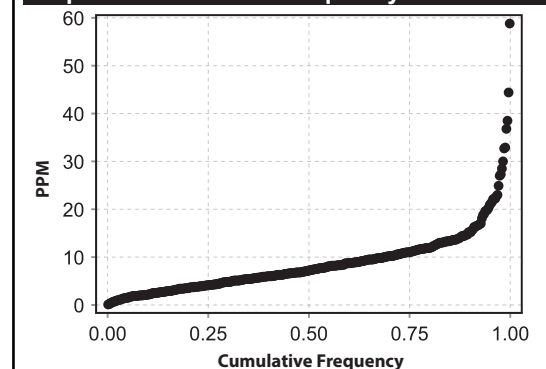
## Histogram



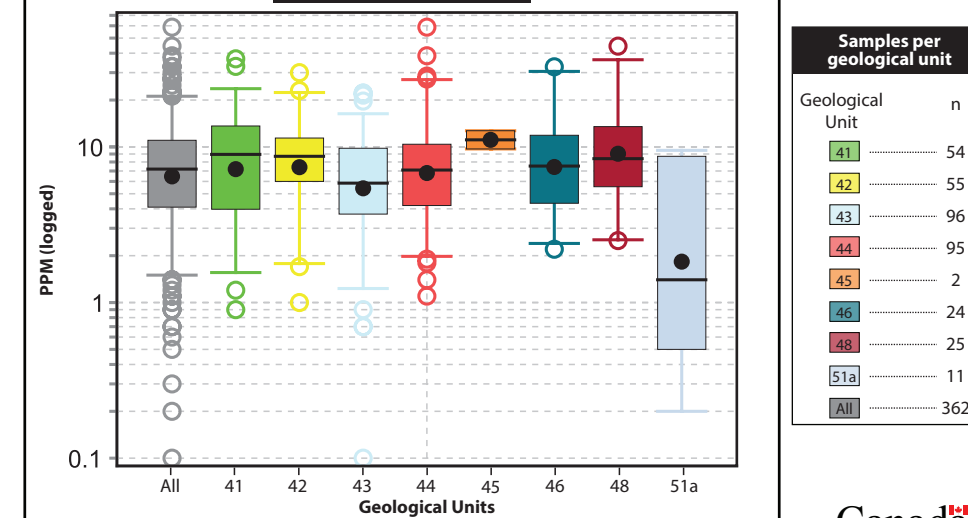
## Probability Plot



## Empirical Cumulative Frequency Distribution



## Percentile Box Plot



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

## Geological Legend

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

## Symbols Legend

PPM	Percentile	n
58.8	Max	(19)
37.4	95 <sup>th</sup>	(71)
11.0	75 <sup>th</sup>	(90)
7.2	50 <sup>th</sup>	(91)
4.1	25 <sup>th</sup>	(72)
1.5	5 <sup>th</sup>	(19)
<0.2	Min	

Detection Limit: 0.2 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

