

# Arsenic

(ICP-MS - 4-acid)

## Bancroft, Ontario Area

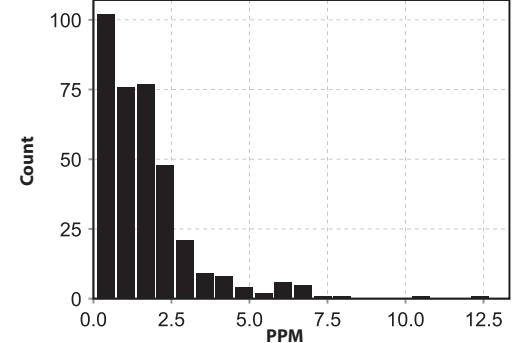
Lake Sediment Geochemistry  
parts of NTS 031C, D, E and F  
GSC Open File 7282

As

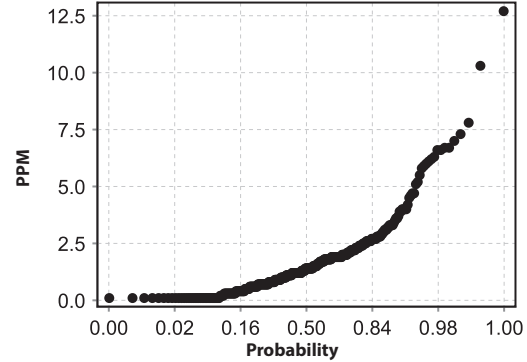
### Summary Stats

Number of Sites	362	Maximum	12.7
Detection Limit	0.2	99 <sup>th</sup> Percentile	7.5
Unit	PPM	98 <sup>th</sup> Percentile	6.7
Sites Below Det. Lim.	34	95 <sup>th</sup> Percentile	5.0
Mean	1.7	90 <sup>th</sup> Percentile	3.3
Median	1.4	75 <sup>th</sup> Percentile	2.2
Geometric Mean	1.1	50 <sup>th</sup> Percentile	1.4
Variance	2.5	25 <sup>th</sup> Percentile	0.7
Standard Deviation	1.6	10 <sup>th</sup> Percentile	0.2
Kurtosis	9.9	5 <sup>th</sup> Percentile	<0.1
Skewness	2.5	Minimum	<0.1
Coefficient of Variation	93.1		
Robust Coeff. of Var.	79.4		

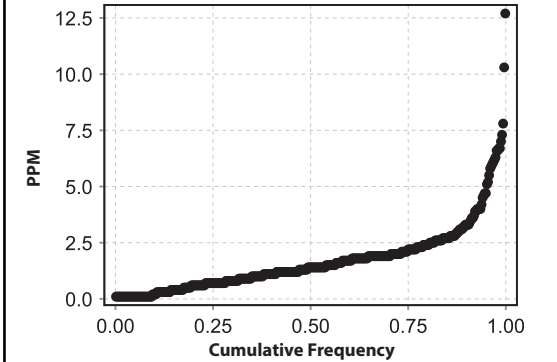
### Histogram



### Probability Plot



### Empirical Cumulative Frequency Distribution



### 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)

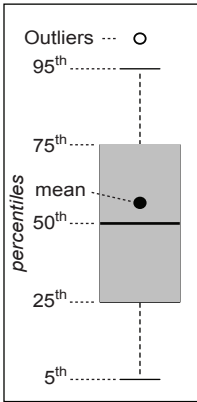
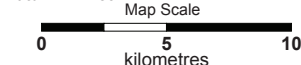
### Symbols Legend

PPM	Percentile	n
12.7	Max	(18)
5.0	95 <sup>th</sup>	(73)
2.2	75 <sup>th</sup>	(76)
1.4	50 <sup>th</sup>	(93)
0.7	25 <sup>th</sup>	(68)
<0.1	5 <sup>th</sup>	(34)
<0.1	Min	

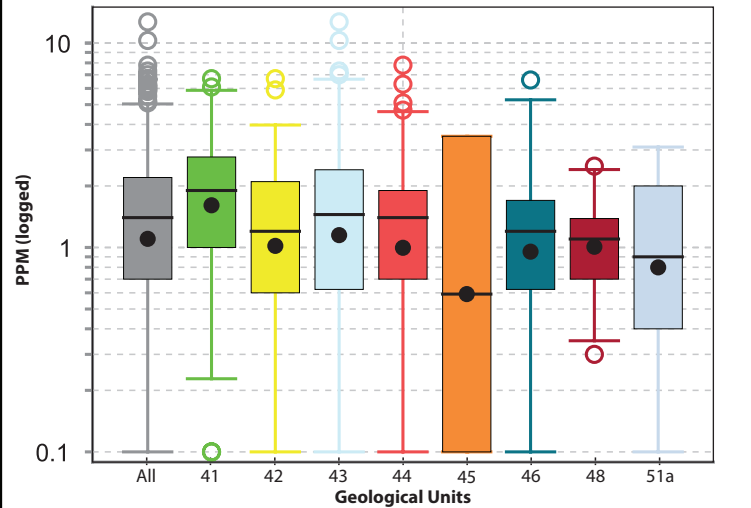
### Faults

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



### Percentile Box Plot



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