

Cerium

(ICP-MS - 4-acid)

Bancroft, Ontario Area

Lake Sediment Geochemistry

parts of NTS 031C, D, E and F

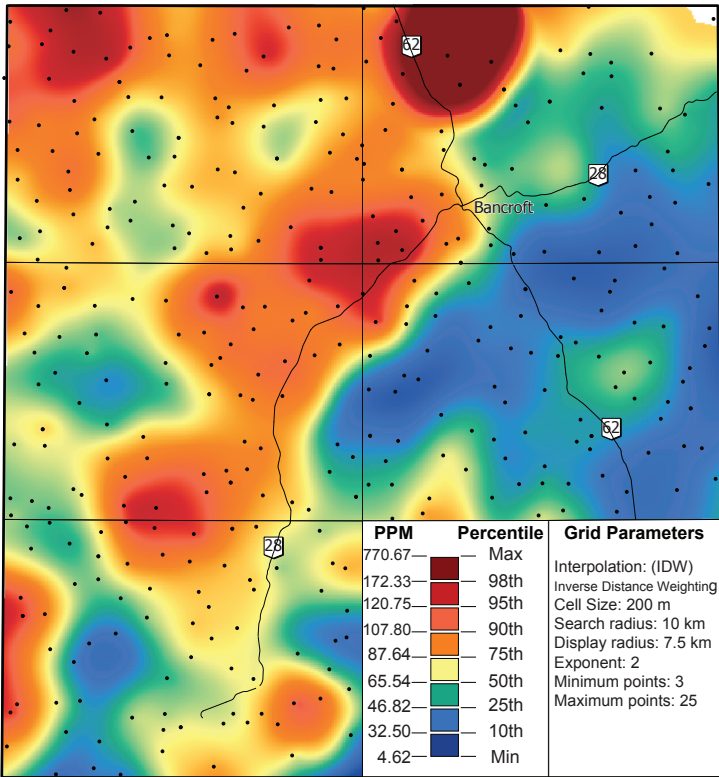
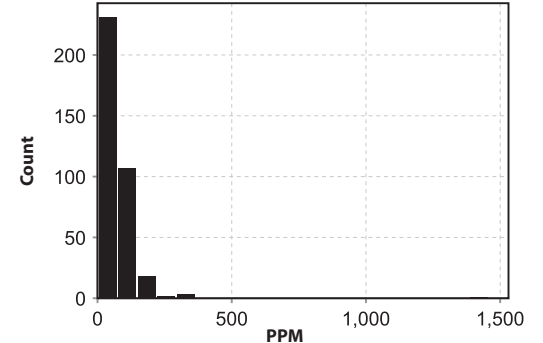
GSC Open File 7282

Ce

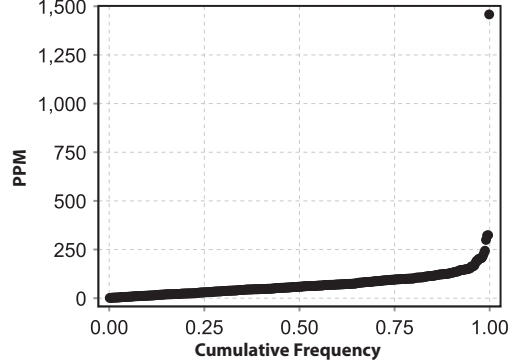
Summary Stats

| | | | |
|--------------------------|---------|-----------------------------|---------|
| Number of Sites | 362 | Maximum | 1458.20 |
| Detection Limit | 0.02 | 99 th Percentile | 307.71 |
| Unit | PPM | 98 th Percentile | 214.39 |
| Sites Below Det. Lim. | 0 | 95 th Percentile | 161.70 |
| Mean | 71.72 | 90 th Percentile | 130.60 |
| Median | 58.95 | 75 th Percentile | 95.89 |
| Geometric Mean | 48.73 | 50 th Percentile | 58.95 |
| Variance | 7962.68 | 25 th Percentile | 29.87 |
| Standard Deviation | 89.23 | 10 th Percentile | 12.76 |
| Kurtosis | 161.86 | 5 th Percentile | 7.03 |
| Skewness | 10.70 | Minimum | 1.26 |
| Coefficient of Variation | 124.41 | | |
| Robust Coeff. of Var. | 83.02 | | |

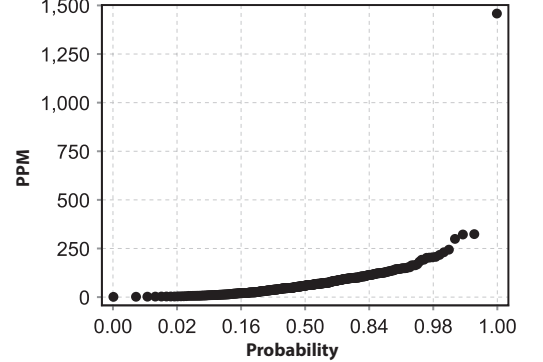
Histogram



Empirical Cumulative Frequency Distribution



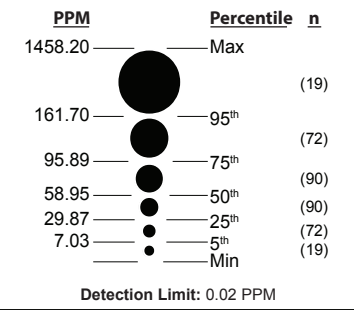
Probability Plot



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

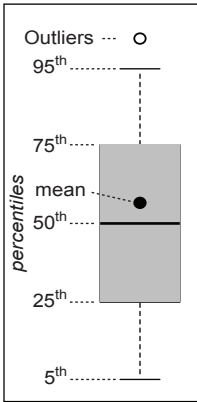


Faults

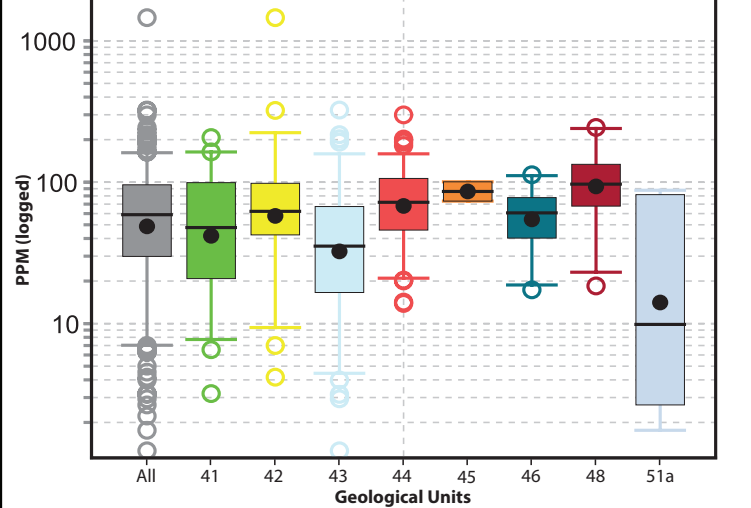
Ontario Geological Survey, 1991. Bedrock geology of Ontario, southern sheet; Ontario Geological Survey, Map2544, scale 1:1,000,000

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 |