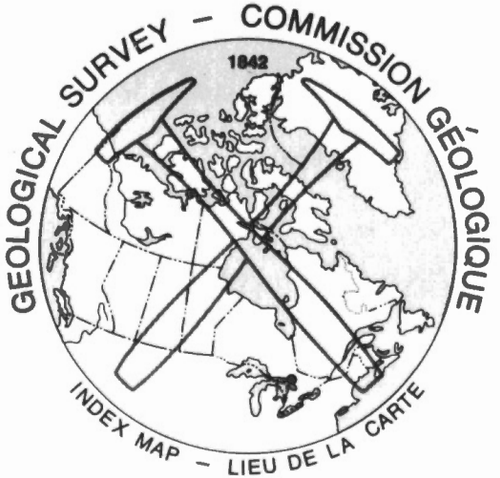
GEOLOGICAL SURVEY OF CANADA OPEN FILE 1639

(41I, part of 41H)

CANADA – ONTARIO MINERAL DEVELOPMENT AGREEMENT (1985 - 1990)

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, BRUCE AREA, ONTARIO



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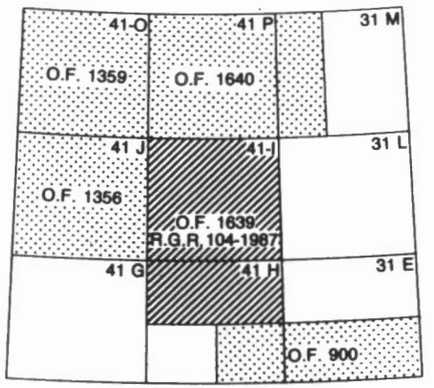
August, 1988

NATIONAL GEOCHEMICAL RECONNAISSANCE LAKE SEDIMENT AND WATER GEOCHEMICAL DATA, ONTARIO 1988, GSC OPEN FILE 1639, NGR 104 – 1988, NTS 41I, part of 41H



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE ET INDEX DES CARTES ATTENANTES PUBLIÉES PAR LA COMMISSION GÉOLOGIQUE DU CANADA

Open File 1639 represents a contribution to the Canada – Ontario Mineral Development Agreement (1985 – 1990), a subsidiary agreement under the Economic and Regional Development Agreement. This project was funded and managed by the Geological Survey of Canada.

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Central Ontario, consisting of NTS 41I and parts of NTS 41H

INTRODUCTION

Open File 1639 is one of two regional geochemical open files covering parts of Central Ontario which were sampled in 1987 as part of the Canada – Ontario Mineral Development Agreement. Open file 1639 represents analyses of lake sediment material and waters for 28 elements.

The reconnaissance survey was undertaken in 1987 by the Geological Survey of Canada in conjunction with the Ontario Department of Mines under the Canada – Ontario Mineral Development Agreement (1985 – 1990).

The data base of the survey contributes to a national geochemical reconnaissance and is used for resource assessment, mineral exploration and geological mapping. Regional survey sample collection and preparation procedures, analytical methods and repeatability of results are therefore strictly specified and controlled. In this way, consistent data can be systematically obtained in different areas in different years from different analytical laboratories

CREDITS

E.H.W. Hornbrook directed the survey.

P.W.B. Friske coordinated the operational activities of contract and Geological Survey of Canada staff.

Contracts were let to the following companies for sample collection, preparation and analysis and were managed by the following staff of the Exploration Geochemistry Subdivision:

Collection:	SIAL Geophysique, Montreal, P.Q. E.H.W. Hornbrook P.W.B. Friske
Preparation:	Golder Associates, Ottawa, Ontario J.J. Lynch
Analysis:	Bondar Clegg and Company Ltd., Ottawa Chemex Labs Limited, Vancouver, B.C. (waters and Au) J.J. Lynch

H.R. Schmitt and M. McCurdy coordinated and edited open file production.

A.C. Galletta and D. Wright managed the digital geochemical data, provided computer processing support, and developed software to plot the open file, symbol and regional trend maps. Computing services were provided by the Computer Science Centre, EMR. The plotting was done by Canada Lands Data Systems staff at Environment Canada, Hull, Quebec.

H. Gross developed microcomputer software to produce data listings and summary statistics

J. Yelle and F. Williams of the Geological Information Division supervised the preparation of open file base maps by Cartography Unit A-2 and Terra Surveys Ltd., Ottawa.

M. McCurdy, S. Cook and C.C. Durham provided technical assistance.

J.C. Daniel provided word processing support.

DESCRIPTION OF SURVEY AND SAMPLE MANAGEMENT

Helicopter supported sample collection was carried out during the summer of 1987.

Lake sediment and water samples were collected at an average density of one sample per 13 square kilometres throughout the 21,400 square kilometres of the central Ontario survey.

Sample site duplicate samples were routinely collected in each analytical block of twenty samples.

In Ottawa, field dried samples were air-dried, crushed, ball milled and sieved. The minus 80 mesh (177 microns) fraction was used for subsequent analyses. At this time, control reference and blind duplicate samples were inserted into each block of twenty sediment samples. For the water samples, only control reference samples were inserted into the block. There were no blind duplicate water samples.

On receipt, field and analytical data were processed with the aid of computers.

The field data were recorded by the field contract staff on standard lake sediment field cards (Rev. 74) used by the Geological Survey of Canada (Garrett, 1974).

The sample site positions were marked on appropriate 1/250,000 scale NTS maps in the field. These maps were digitized at the Geological Survey in Ottawa to obtain the sample site UTM coordinates.

The sample site coordinates were checked as follows: a sample location map was produced on a Calcomp 1051 drum plotter using the digitized coordinates; the field contractor's sample location map was then overlayed with the Calcomp map; the two sets of points were checked for coincidence. The dominant rock types in the lake catchment basins were identified on appropriate geological maps used as the bedrock geological base on RGR maps.

Thorough inspections of the field and analytical data were made to check for any missing information and/or gross errors.

Quality control and monitoring of the geochemical data was undertaken by a standard method used by the Exploration Geochemistry Subdivision at the Geological Survey of Canada.

ANALYTICAL PROCEDURES

Atomic Absorption Spectroscopy (AAS) and Other Analyses

For the determination of Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe, Cd, and As a 1 gram sample was reacted with 6 mL of a mixture of 4 M HNO_3 and M HCl in a test-tube overnight at room temperature. After digestion, the test-tube was immersed in a hot water bath at room temperature and brought up to 90° C and held at this temperature for 2 hours with periodic shaking. The sample solution was then diluted to 20 mL with metal free water and mixed. Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe and Cd were determined by atomic absorption spectroscopy using an air-acetylene flame. Background corrections were made for Pb, Ni, Co, Ag and Cd.

Arsenic was determined by atomic absorption using a hydride evolution method wherein the hydride (AsH3) is evolved and passed through a heated quartz tube in the light path of an atomic absorption spectrophotometer. The method is described by Aslin (1976). Detection limit = 1 ppm.

Molybdenum and vanadium were determined by atomic absorption spectroscopy using a nitrous oxide acetylene flame. A 0.5 gram sample was reacted with 1.5 mL concentrated HNO_3 at 90° C for 30 minutes. At this point 0.5 mL concentrated HCl was added and the digestion was continued at 90° C for an additional 90 minutes. After cooling, 8 mL of 1250 ppm Al solution were added and the sample solution was diluted to 10 mL before aspiration. Detection limit = Mo – 2 ppm; V – 5 ppm.

Mercury was determined by the Hatch and Ott Procedure with some modifications. The method is described by Jonasson *et al.* (1973). A 0.5 gram sample was reacted with 20 mL concentrated HNO_3 and 1 mL concentrated HCl in a test-tube for 10 minutes at room temperature prior to 2 hours of digestion with mixing at 90° C in a hot water bath. After digestion, the sample solutions were cooled and diluted to 100 mL with metal free water. The Hg present was reduced to the elemental state by the addition of 10 mL 10% w/v $SnSO_4$ in M H_2SO_4. The Hg vapour was then flushed by a stream of air into an absorption cell mounted in

the light path of an atomic absorption spectrophotometer. Absorption measurements were made at 253.7 nm. Detection limit = 10 ppb.

Loss on ignition was determined using a 500 mg sample. The sample, weighed into 30 ml beaker, was placed in a cold muffle furnace and brought up to 500° C over a period of 2 – 3 hours. The sample was left at this temperature for 4 hours, then allowed to cool to room temperature for weighing. Detection limit = 1.0 pct.

Uranium was determined using a neutron activation method with delayed neutron counting. A detailed description of the method is provided by Boulanger *et al.* (1975). In brief, a 1 gram sample is weighed into a 7 dram polyethylene vial, capped and sealed. The irradiation is provided by the Slowpoke reactor with an operating flux of 10** 12 neutrons/sq cm/sec. The samples are pneumatically transferred from an automatic loader to the reactor, where each sample is irradiated for 60 seconds. After irradiation, the sample is again transferred pneumatically to the counting facility where after a 10 second delay the sample is counted for 60 seconds with six BF3 detector tubes embedded in paraffin. Following counting, the samples are automatically ejected into a shielded storage container. Calibration is carried out twice a day as a minimum, using natural materials of known uranium concentration. Detection limit = 0.5 ppm.

Antimony was determined in lake sediments as described by Aslin (1976). A 500 mg sample is placed in a test tube; 3 mL concentrated HNO_3 and 9 mL concentrated HCl are added and the mixture is allowed to stand overnight at room temperature. The mixture is heated slowly to 90° C and maintained at this temperature for at least 90 minutes. The solution is cooled and diluted to 10 mL with 1.8 M HCl. The antimony in an aliquot of this dilute solution is then determined by hydride evolution – atomic absorption spectrometry. Detection limit = 0.2 ppm.

Fluorine was determined in lake sediments as described by Ficklin (1970). A 250 mg sample is sintered with 1 g of a flux consisting of two parts by weight sodium carbonate and one part by weight potassium nitrate. The residue is then leached with water. The sodium carbonate is neutralized with 10 mL 10% (w/v) citric acid and the resulting solution is diluted to 100 mL with water. The pH of the resulting solution should be from 5.5 to 6.5. The fluoride content of the test solution is then measured using a fluoride ion electrode. Standard solutions contain sodium carbonate and citric acid in the same quantities as the sample solution. Detection limit = 40 ppm.

Gold was usually determined on a 10 g lake sediment sample; depending on the amount of sample available, lesser weights were sometimes used. This resulted in a variable detection limit: 2 ppb for a 5 g sample, 1 ppb for a 10 g sample . . . The sample was fused to produce a lead button, collecting any gold in the sample, which was cupelled in a muffle furnace to produce a silver (dore) bead. The silver beads were irradiated in a neutron flux for one hour, cooled for four hours, and counted by gamma ray spectrometry. Calibration was carried out using standard and blank beads.

Fluoride in lake water samples was determined using a fluoride electrode. Prior to measurement an aliquot of the sample was mixed with an equal volume of TISAB II buffer solution (total ionic strength adjustment buffer). The TISAB II buffer solution is prepared as follows: to 50 mL metal free water add 57 mL glacial acetic acid, 58 gm NaCl and 4 gm CDTA (cyclohexylene dinitrilo tetraacetic acid). Stir to dissolve and cool to room temperature. Using a pH meter, adjust the pH between 5.0 and 5.5 by slowly adding 5 M NaOH solution. Cool and dilute to one litre in a volumetric flask. Detection limit = 20 ppb.

Hydrogen ion activity (pH) was measured with a combination glass-calomel electrode and a pH meter.

Uranium in waters was determined by a laser-induced fluorometric method using a Scintrex UA-3 uranium analyser. A complexing agent, known commercially as fluran and composed of sodium pyrophosphate and sodium monophosphate (Hall, 1979) is added to produce the uranyl pyrophosate species which fluoresces when exposed to the laser. Since organic matter in the sample can cause unpredictable behaviour, a standard addition method was used. Further, there have been instances at the GSC where the reaction of uranium with fluran is either delayed or sluggish; for this reason an arbitrary 24 hour time delay between the addition of the fluran and the actual reading was incorporated into this method. In practice 500 µL of fluran solution were added to a 5 mL sample and allowed to stand for 24 hours. At the end of this period fluorescence readings were made with the addition of 0.0, 0.2 and 0.4 ppb U. For high samples the additions were 0.0, 2.0 and 4.0 (20 µL aliquots of either 55 or 550 ppb U were used). All readings were taken against a sample blank. Detection limit = .05 ppb.

Alkalinity in waters was determined by titrating a 25 mL aliquot of the sample with 0.02 N H_2SO_4 using a Corning combination electrode and a Corning model 135 pH meter. The end point was pH 4.5. Detection level = 1 ppm.

Calcium and magnesium in waters were determined by inductively coupled plasma emission spectroscopy (ICP). An aliquot from the sample bottle was transferred to a separate container and aspirated directly into the ICP spectrometer (Instrumentation Laboratory model 200). Measurements were made at 317.9 nm for Ca and 279.8 nm for Mg. The instrument was calibrated with aqueous standards. Detection level = Ca – 0.5 ppm; Mg 0.05 ppm.

Table 1 provides a summary of analytical data and methods.

PRESENTATION AND INTERPRETATION OF GOLD DATA

The following discussion reviews the format used to present the Au geochemical data and outlines some important points to consider when interpreting this data. This discussion is included in recognition of the special geochemical behaviour and mode of occurrence of Au in nature and the resultant difficulties in obtaining and analyzing samples which reflect the actual concentration level at a given site.

To correctly interpret Au geochemical data from regional stream sediment or lake sediment surveys requires an appreciation of the unique chemical and physical characteristics of Au and its mobility in the surficial environment. Key properties of Au that distinguish its geochemical behaviour from most other elements include (Harris, 1982):

(1) Au occurs most commonly in the native form which is chemically and physically resistant. A high proportion of the metal is dispersed in micron-sized particulate form. Gold's high specific gravity results in heterogeneous distribution, especially in stream sediment and clastic-rich (low LOI) lake sediment environments. Au distribution appears to be more homogeneous in organic-rich fluviatile and lake sediment environments.

(2) Gold typically occurs at low concentrations in the ppb range. Whereas gold concentrations of only a few ppm may represent economic deposits, background levels encountered from stream and centre-lake sediments seldom exceed 10 ppb, and commonly are near the detection limit of 1 ppb.

These factors result in a particle sparsity effect wherein very low concentrations of Au are heterogeneously enriched in the surficial environment. Hence, a major problem facing the geochemist is to obtain a representative sample. In general, the lower the actual concentration of Au the larger the sample size, or the smaller the grain size required to reduce uncertainty over whether subsample analytical values truly represent actual values. Conversely, as actual Au concentrations increase or grain size decreases, the number of Au particles to be shared in random subsamples increases and the variability of results decreases (Clifton *et al.*, 1969; Harris, 1982). The limited amount of material collected during the rapid, reconnaissance-style regional surveys and the need to analyze for a broad spectrum of elements, precludes the use of a significantly large sample weight for the Au analyses. Therefore, to the extent that sample representivity can be increased, sample grain size is reduced by sieving and ball milling of all samples.

The following control methods are currently employed to evaluate and monitor the sampling and analytical variability which are inherent in the analysis of Au in geochemical mediums:

(1) For each block of twenty samples:

  (a) random insertion of a standard reference sample to control analytical accuracy and long-term precision;

  (b) collection of a field duplicate (two samples from one site) to control sampling variance;

  (c) analysis of a second subsample (blind duplicate) from one sample to control short-term precision.

(2) For both stream sediments and lake sediments, routine repeat analyses on a second subsample are performed for all samples having values that are statistically above approximately the 90th percentile of total data set. This applies only to gold analyses by fire assay preconcentration followed by neutron activation. **Such routine repeat analyses are not performed for INA analyses of archived samples.**

(3) For lake sediments only, a routine repeat analysis on a second subsample is performed on those samples with LOI values below 10%, indicating a large clastic component. On-going studies suggest that the Au distribution in these samples is more likely to be variable than in samples with a higher LOI content. **Again, routine repeat analyses are performed only when the fire assay preconcentration/neutron activation method is used.**

Au data presentation, statistical treatment and the value map format are different than for other elements. Au data listed in the open file may include initial analytical results, values determined from repeat analyses, together with sample weights and corresponding detection limits for all analyzed samples. The gold, statistical parameters and regional symbol trend plots are determined using the following data population selection criteria:

(1) Only the first analytical value is utilized.

(2) Au values determined from sample weights less than 10 g are excluded, except where determined by instrumental neutron activation analyses.

(3) Au values less than the detection limit (<1 ppb) for 10 g samples are set to 0.5 ppb.

On the value map, repeat analysis values, where determined (not field duplicates), are placed in brackets following the initial value determination. All values determined on a sample less than 10 g are denoted by an asterisk. Actual sample weight used can be determined from the text. Following are possible variations in data presentation on a value map:

*	No data
+27	Single analysis, 10 g sample weight
+27*	single analysis, <10 g sample weight
+27 (14)	Repeat analysis, both samples 10 g
+27 (14*)	Repeat analysis, first sample 10 g, repeat <10 g
+<1	Single analysis, 10 g sample, less than detection limit of 1 ppb

In summary, geochemical follow-up investigations for Au should be based on a careful consideration of all geological and geochemical information, and especially a careful appraisal of gold geochemical data and its variability. In some instances, prospective follow-up areas may be indirectly identified by pathfinder element associations in favourable geology, although a complementary Au response due to natural variability may be lacking. Once an anomalous area has been identified, field investigations should be designed to include detailed geochemical follow-up surveys and collection of **large** representative samples. Subsequent repeat subsample analyses will increase the reliability of results and permit a better understanding of natural variability which can then be used to improve sampling methodology and interpretation.

LAKE SEDIMENT DATA LIST LEGEND AND DIGITAL FIELD RECORD FORMAT

Table 2 lists both the field and map information which is recorded at each sample site and is listed in the accompanying data listings, and the digital record format for the tape or diskette version of the open file. For the digital record A = alpha; X = numeric, unless indicated otherwise.

REFERENCES

Aslin, G.E.M. (1976) The determination of arsenic and antimony in geological materials by flameless atomic absorption spectrophotometer; Journal of Geochemical Exploration, Vol. 6, pp. 321-330.

Boulanger, A., Evans, D.J.R., and Raby, B.F. (1975) Uranium analysis by neutron activation delayed neutron counting; Proceedings of the 7th Annual Symposium of Canadian Mineral Analysts, Thunder Bay, Ontario, September 22 – 23, 1975.

Clifton, H.E., Hunter, R.E., Swanson, F.J., and Phillips, R.L. (1969) Sample size and meaningful gold analysis; U.S. Geological Survey Professional Paper 625-C.

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Hall, G.E.M. (1979) A study of the stability of uranium in waters collected from various geological environments in Canada; *In* Current Research, Part A, Geological Survey of Canada Paper 79-1A, p. 361-365.

Harris, J.F. (1982) Sampling and analytical requirements for effective use of geochemistry in exploration for gold; *In* Levinson, A.A., Editor, Precious Metals in the Northern Cordillera, proceedings of a symposium sponsored by the Association of Exploration Geochemists and the Cordilleran Section of the Geological Association of Canada, pp. 53-67.

Jonasson, I.R., Lynch, J.J., and Trip, L.J. (1973) Field and laboratory methods used by the Geological Survey of Canada in geochemical surveys; No. 12, Mercury in Ores, Rocks, Soils, Sediments and Water, Geological Survey of Canada Paper 73-21.

TABLE 1. Summary of Analytical Data and Methods

Element		Detection level		Method(s)
SEDIMENTS:				
Zn	Zinc	2	ppm	AAS
Cu	Copper	2	ppm	AAS
Pb	Lead	2	ppm	AAS
Ni	Nickel	2	ppm	AAS
Co	Cobalt	2	ppm	AAS
Ag	Silver	0.2	ppm	AAS
Mn	Manganese	5	ppm	AAS
As	Arsenic	1	ppm	AAS
Mo	Molybdenum	2	ppm	AAS
Fe	Iron	0.02	pct	AAS
Hg	Mercury	10	ppb	AAS
LOI	Loss-on-ignition	1.0	pct	GRAV
U	Uranium	0.5	ppm	NADNC
V	Vanadium	5	ppm	AAS
Cd	Cadmium	0.2	ppm	AAS
Sb	Antimony	0.2	ppm	AAS
F	Fluorine	20	ppm	ISE
Au	Gold	1	ppb	FA – NA

TABLE 1 – Continued

Element		Detection level		Method(s)
WATERS:				
F	Fluoride	20	ppb	ISE
pH	Hydrogen ion activity			GCM
U	Uranium	0.05	ppb	LIF
Ca	Calcium	0.5	ppm	ICP – ES
Mg	Magnesium	0.05	ppm	ICP – ES
T-Alk	Total Alkalinity	1	ppm	TIT

AAS – Atomic absorption spectrometry
GRAV – Gravimetry
FA – NA – Fire assay preconcentration – neutron activation
ISE – Ion selective electrode
GCM – Glass Calomel electrode and pH meter
LIF – Laser-induced fluorescence
NADNC – Neutron Activation delayed neutron counting
ICP – ES – Inductively coupled plasma emission spectroscopy
TIT – Titration

TABLE 2. DATA LIST AND DIGITAL FORMAT LEGEND
Record 1 – Field Data

FIELD RECORD	DEFINITION	TEXT CODE	DIGITAL RECORD COLUMN AND CODE
MAP	National topographic system (NTS): lettered quadrangle (1:250,000 scale) or (1:50,000 scale). Part of sample number.		1 – 6 "XXXAXX"
SAMPLE ID	Remainder of sample number: Year Field crew Sample sequence number	 19XX 1, 3, 5, 7 001 – 999	7 – 12 "XX " " X " " XXX"
UTM COORDINATES	Universal Transverse Mercator (UTM) Coordinate system; digitized sample location coordinates.		
ZN	Zone 7 to 22		13 – 14 "XX"
EASTING	UTM Easting in metres		15 – 20 "XXXXXX"
NORTHING	UTM Northing in metres		21 – 27 "XXXXXXX"
ROCK TYPE	Major rock type of lake catchment area: Cenozoic Surficial deposits Paleozoic Limestone, shale Carbonatites, syenites Precambrian Mafic intrusives Carbonatites, alkalic rocks Grenville Province Mafic, ultramafic intrusives Alkalic, nepheline syenite Quartz monzonite Anorthositic intrusives Middle-late Precambrian Mafic, ultramafic intrusives Felsic intrusives Metasediments Superior and Southern Provinces Granophyre (Sudbury) Norite, Gabbro (Sudbury) Sediments and volcanics (Whitewater)	 QUS OSCP CAC LPAD LPAC LPGB LPGA LPGF LPGX MPBN MPGF MPS MPSG MPSN MPWG	28 – 31 "QUS" "OSCP" "CAC" "LPAD" "LPAC" "LPGB" "LPGA" "LPGF" "LPGX" "MPBN" "MPGF" "MPS" "MPSG" "MPSN" "MPWG"

TABLE 2 – Continued

FIELD RECORD	DEFINITION	TEXT CODE	DIGITAL RECORD COLUMN AND CODE
ROCK TYPE	Nipissing diabase Sediments (Cobalt Gp) Sediments (Quirke Lk Gp) Sediments (Hough Lk Gp) Sediments (Elliot Lk Gp) Volcanics (Elliot Lk Gp) Mafic intrusives (Elliot Lk Gp) Archean Felsic to intermediate intrusives-massive Felsic to intermediate intrusives-gneissic Syenite, monzonite Mafic, ultramafic intrusives Metasediments Alkalic metavolcanics Ultramafic metavolcanics	MPND MPC MPQL MPHL MPEL MPVB MPB AGM AGN AGY AUB ACSP AMVA AMVU	"MPND" "MPC" "MPQL" "MPHL" "MPEL" "MPVB" "MPB" "AGM" "AGN" "AGY" "AUB" "ACSP" "AMVA" "AMVU"
LAKE AREA	The area of the water body sampled: Pond ¼ to 1 sq km 1 to 5 sq km greater than 5 sq km	 POND .25 – 1 1 – 5 >5	32 – 35 "1 " " 1 " " 1 " " 1"
LAKE DEP	Sample depth from surface of water body to lake bottom in metres	1 – 999	36 – 38 "XXX"
RS	Replicate status; the relationship of the sample to others within the analytical block of 20: Routine regional sample First of field duplicate Second of field duplicate	 00 10 20	39 – 40 "00" "10" "20"
RLF	Relief of the lake catchment basin: Low Medium High	 Lw Md Hi	41 – 43 "1 " " 1 " " 1"
CNT	Contamination; human or natural: None Work Camp Fuel Gossan	 Wo Ca Fu Go	48 – 51 " " "1 " " 1 " " 1 " " 1"

TABLE 2 – Continued

FIELD RECORD	DEFINITION	TEXT CODE	DIGITAL RECORD COLUMN AND CODE
COLR	Sediment sample colour; up to two colours may be selected:		52 – 57
	Tan	Tn	"1 "
	Yellow	Yl	" 1 "
	Green	Gn	" 1 "
	Grey	Gy	" 1 "
	Brown	Br	" 1 "
	Black	Bk	" 1"
SUSP	Suspended matter in water:		58 – 59
	None		" "
	Heavy	Hvy	"1 "
	Light	Lgt	" 1"
AGE	Stratigraphic age of dominant rock type in catchment basin:		70 – 71
	Pleostocene to Recent	64	"64"
	Ordovician – Silurian	19	"19"
	Cambrian	10	"10"
	Proterozoic	04	"04"
	Archean	02	"02"

Record 2 – Atomic Absorption Spectrometry and other Data

FIELD RECORD	DEFINITION	UNITS	DETECTION LEVEL	DIGITAL RECORD COLUMN AND CODE
Zn – SEDS	Zinc in lake sediments	ppm	2	16 – 20
Cu – SEDS	Copper in lake sediments	ppm	2	21 – 25
Pb – SEDS	Lead in lake sediments	ppm	2	26 – 30
Ni – SEDS	Nickel in lake sediments	ppm	2	31 – 35
Co – SEDS	Cobalt in lake sediments	ppm	2	36 – 40
Ag – SEDS	Silver in lake sediments	ppm	0.2	41 – 47
Mn – SEDS	Manganese in lake sediments	ppm	5	48 – 53
As – SEDS	Arsenic in lake sediments	ppm	1	54 – 60
Mo – SEDS	Molybdenum in lake sediments	ppm	2	61 – 65
Fe – SEDS	Iron in lake sediments	pct	0.02	66 – 70
Hg – SEDS	Mercury in lake sediments	ppb	10	71 – 75
LOI – SEDS	Loss-on-ignition	pct	1	76 – 80

Record 3 – Atomic Absorption Spectrometry and other Data

FIELD RECORD	DEFINITION	UNITS	DETECTION LEVEL	DIGITAL RECORD COLUMN AND CODE
U – SEDS	Uranium in lake sediments	ppm	0.5	16 – 22
F – SEDS	Fluorine in lake sediments	ppm	20	23 – 27
V – SEDS	Vanadium in lake sediments	ppm	5	28 – 32
Cd – SEDS	Cadmium in lake sediments	ppm	0.2	33 – 39
Sb – SEDS	Antimony in lake sediments	ppm	0.2	40 – 46

Record 4 – Atomic Absorption Spectrometry and Other Data

FIELD RECORD	DEFINITION	UNITS	DETECTION LEVEL	DIGITAL RECORD COLUMN AND CODE
F – WATERS	Fluoride in lake waters	ppb	20	16 – 20
pH – WATERS	pH of lake waters			21 – 25
U – WATERS	Uranium in lake waters	ppb	0.05	26 – 30
Au – SEDS	Gold in lake sediments	ppb	variable	31 – 35
REPEAT Au	Gold in lake sediments – repeat analysis	ppb	variable	36 – 40
Au WEIGHT	Sample weight for first gold analysis	grams		41 – 44
REPEAT Au WEIGHT	Sample weight for repeat gold analysis	grams		45 – 48

Record 5 – Atomic Absorption Spectrometry and Other Data

FIELD RECORD	DEFINITION	UNITS	DETECTION LEVEL	DIGITAL RECORD COLUMN AND CODE
Ca – WATERS	Calcium in lake waters	ppm	0.5	26 – 30
Mg – WATERS	Magnesium in lake waters	ppm	0.05	31 – 35
T – Alk – WATERS	Total alkalinity in lake waters	ppm	1	36 – 40

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	871002	17	438724	5091909	OSCP	19	>5	3	10	Lw	-	Gy	-
41H	871003	17	438724	5091909	OSCP	19	>5	3	20	Lw	-	Gy	-
41H	871005	17	449447	5088898	MPC	04	.25-1	3	-	Lw	-	Br	-
41H	871006	17	449471	5081141	MPC	04	>5	3	-	Lw	-	GyBr	-
41H	871007	17	446084	5071430	OSCP	19	>5	9	-	Lw	-	Gy	-
41H	871008	17	446959	5060700	OSCP	19	.25-1	4	-	Lw	-	Br	-
41H	871009	17	446253	5055993	OSCP	19	.25-1	2	-	Lw	-	Br	-
41H	871010	17	444929	5041749	OSCP	19	>5	9	-	Lw	-	Gy	-
41H	871011	17	439620	5039681	OSCP	19	.25-1	3	-	Lw	-	Gy	-
41H	871012	17	437666	5046105	OSCP	19	.25-1	2	-	Lw	-	Gy	-
41H	871013	17	437341	5048791	OSCP	19	.25-1	3	-	Lw	-	GyBr	-
41H	871014	17	434755	5046669	OSCP	19	.25-1	3	-	Lw	-	Br	-
41H	871015	17	430512	5047764	OSCP	19	>5	5	-	Lw	-	-	-
41H	871016	17	425368	5050202	OSCP	19	>5	5	-	Lw	-	Gy	-
41H	871017	17	423600	5061700	OSCP	19	1-5	25	-	Lw	-	Br	-
41H	871018	17	438401	5065030	OSCP	19	>5	5	-	Lw	-	Gy	-
41H	871019	17	431766	5063392	OSCP	19	1-5	3	-	Lw	-	Br	-
41H	871020	17	427065	5074499	OSCP	19	.25-1	3	-	Lw	-	Gy	-
41H	871023	17	428447	5075585	OSCP	19	.25-1	2	10	Lw	-	Br	-
41H	871024	17	428447	5075585	OSCP	19	.25-1	2	20	Lw	-	Br	-
41H	871025	17	431561	5076316	OSCP	19	.25-1	3	-	Lw	-	GyBr	-
41H	871026	17	423634	5079913	MPC	04	.25-1	7	-	Lw	-	Br	-
41H	871027	17	427299	5081810	MPC	04	.25-1	9	-	Lw	-	Br	-
41H	871028	17	423017	5084143	OSCP	19	1-5	3	-	Lw	-	-	-
41H	871029	17	433694	5085365	OSCP	19	>5	5	-	Lw	-	Gy	-
41H	871030	17	440417	5086863	OSCP	19	>5	6	-	Lw	-	Gy	-
41H	871031	17	430602	5089687	OSCP	19	1-5	8	-	Lw	-	-	-
41H	871032	17	429006	5093647	OSCP	19	.25-1	8	-	Lw	-	Gy	-
41H	871033	17	460833	5092745	MPGF	04	>5	1	-	Lw	-	Gy	-
41H	871034	17	464031	5092295	MPGF	04	>5	1	-	Lw	-	Gy	-
41H	871035	17	469617	5092350	MPGF	04	>5	10	-	Lw	-	Gy	-
41H	871036	17	477469	5089064	MPGF	04	>5	1	-	Lw	-	Gy	-
41H	871037	17	491364	5087227	MPS	04	>5	1	-	Lw	-	Br	-
41H	871038	17	500547	5086437	MPGF	04	.25-1	1	-	Lw	-	GyBr	-
41H	871039	17	502983	5086212	LPGB	04	.25-1	1	-	Lw	-	Br	-
41H	871040	17	505503	5087605	LPGB	04	.25-1	1	-	Lw	-	Br	-
41H	871042	17	508473	5085823	MPGF	04	>5	7	10	Lw	-	Gy	-
41H	871043	17	508473	5085823	MPGF	04	>5	7	20	Lw	-	Gy	-
41H	871044	17	510811	5087699	MPS	04	>5	10	-	Lw	-	Gy	-
41H	871045	17	512341	5086119	MPGF	04	.25-1	1	-	Lw	-	Br	-

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	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41H	871002	66	33	10	41	13	<	390	2.0	<	2.98	40	2.8	1.8	310	42	<	0.2	<	10.0	3	10.0	60	0.17	22.0	6.20	69	6.6
41H	871003	70	33	11	46	14	<	402	1.0	<	3.29	30	2.2	2.5	370	44	<	0.2	<	10.0	2	5.00	60	0.65	24.0	6.40	70	6.7
41H	871005	135	45	8	13	4	<	188	2.0	<	0.64	80	79.6	1.4	85	10	0.5	0.2	<	10.0	-	-	60	0.08	27.0	19.00	122	7.2
41H	871006	31	10	9	17	5	<	116	1.0	<	1.41	25	1.8	1.3	205	14	<	<	<	10.0	<	10.0	60	0.13	25.0	6.40	71	6.8
41H	871007	41	15	9	20	7	<	257	2.0	<	1.71	30	2.8	1.8	315	21	<	<	<	10.0	<	10.0	50	0.18	25.0	6.40	70	6.7
41H	871008	168	21	5	16	3	<	30	1.0	<	0.67	60	79.2	1.2	80	6	0.6	<	<2	5.00	-	-	30	<	16.0	3.60	45	6.6
41H	871009	72	14	28	10	<	<	120	1.0	5	0.33	60	25.2	1.1	190	22	1.2	0.2	<	10.0	-	-	50	<	26.0	17.00	114	7.1
41H	871010	83	25	31	27	6	<	193	3.0	<	2.11	50	11.2	2.2	435	20	0.4	0.2	<	10.0	-	-	50	0.17	25.0	7.00	73	6.8
41H	871011	51	15	12	11	2	<	81	1.0	4	0.43	60	30.4	0.9	285	22	0.7	<	<	10.0	-	-	150	<	30.0	26.00	163	7.6
41H	871012	71	22	12	19	2	<	64	1.0	4	0.75	115	38.2	1.4	390	21	1.4	<	<	10.0	-	-	80	<	39.0	25.00	189	7.8
41H	871013	58	11	24	5	<	<	104	1.0	4	0.26	80	19.2	0.6	290	20	1.2	0.2	<	10.0	-	-	70	<	36.0	25.00	172	7.8
41H	871014	123	21	5	24	2	0.2	37	<	<	0.55	115	68.6	1.8	380	8	1.0	<	<	10.0	-	-	80	<	34.0	19.00	145	7.5
41H	871015	73	22	26	25	8	0.2	169	3.0	<	2.30	50	11.8	2.2	325	21	0.5	0.2	<	10.0	-	-	60	0.16	26.0	8.00	82	6.9
41H	871016	17	7	6	9	3	0.2	110	1.0	<	0.82	10	1.4	1.2	200	16	<	<	<	10.0	1	10.0	50	0.22	29.0	8.60	88	7.1
41H	871017	136	43	38	35	9	0.2	381	4.0	<	2.83	60	20.8	3.0	430	27	1.1	0.3	<	10.0	-	-	40	0.09	34.0	14.60	118	7.5
41H	871018	45	19	16	22	6	0.2	194	3.0	<	1.53	35	3.4	1.7	300	19	0.2	0.2	<	10.0	2	10.0	40	0.13	25.0	7.00	70	6.8
41H	871019	99	23	5	13	3	0.2	105	1.0	2	1.15	45	70.4	2.9	150	13	0.7	<	<	10.0	-	-	40	<	27.0	14.00	107	7.2
41H	871020	100	30	17	19	4	<	69	1.0	2	0.61	85	58.8	2.6	175	8	0.8	<	<	10.0	-	-	40	0.09	28.0	20.00	132	7.5
41H	871023	86	39	6	23	<	<	22	<	2	0.28	105	77.2	2.5	135	6	0.8	<	<	10.0	-	-	60	0.10	30.0	30.00	167	7.3
41H	871024	89	41	4	22	2	<	22	<	2	0.28	115	77.6	2.2	140	6	0.7	<	<10	1.00	-	-	60	0.10	30.0	27.00	166	7.6
41H	871025	90	26	4	15	2	<	43	<	<	0.55	60	76.6	0.9	220	7	0.6	<	2	10.0	-	-	60	<	31.0	12.00	113	7.0
41H	871026	125	45	42	33	7	<	309	2.0	<	1.87	115	32.4	2.4	325	25	1.0	0.3	<5	2.00	-	-	60	<	38.0	19.00	147	7.5
41H	871027	122	55	29	39	10	<	250	2.0	<	2.89	95	35.2	2.8	500	22	0.7	0.2	<	10.0	-	-	60	<	38.0	20.00	160	7.4
41H	871028	123	33	8	26	4	<	64	<	<	1.19	90	57.6	1.8	295	9	1.1	<	1	10.0	-	-	70	0.19	34.0	23.00	145	7.5
41H	871029	77	29	20	42	11	<	200	3.0	<	3.06	35	6.8	2.0	300	28	<	0.2	<	10.0	1	10.0	60	0.13	25.0	6.20	70	6.7
41H	871030	86	33	16	43	12	<	228	2.0	<	3.12	60	9.2	2.5	375	29	<	0.3	<	10.0	4	7.50	60	0.11	24.0	6.60	70	6.7
41H	871031	270	47	39	83	11	0.2	282	6.0	<	3.11	90	8.4	2.1	485	29	1.6	0.3	<	10.0	3	10.0	60	<	23.0	5.80	66	6.7
41H	871032	192	41	63	35	5	<	168	3.0	2	1.66	90	21.8	1.7	355	26	2.0	0.2	<	10.0	-	-	50	<	35.0	6.60	96	7.0
41H	871033	34	9	10	16	7	<	113	2.0	<	1.62	30	2.4	1.1	200	15	<	<	<	10.0	1	10.0	60	0.17	25.0	6.20	68	6.7
41H	871034	99	23	13	35	17	<	238	3.0	<	3.14	45	14.0	2.2	320	28	0.2	0.2	<	10.0	-	-	70	0.14	23.0	6.20	67	6.7
41H	871035	135	30	30	51	13	<	448	4.0	<	3.38	55	6.2	2.1	330	32	0.6	0.4	<	10.0	4	10.0	50	0.09	21.0	6.00	62	6.6
41H	871036	82	21	17	44	11	<	159	2.0	<	2.04	35	5.0	1.5	210	15	0.4	0.2	<	10.0	1	10.0	60	0.13	24.0	6.40	66	6.7
41H	871037	140	22	11	36	24	<	356	3.0	<	3.03	55	13.0	1.7	240	26	0.5	0.2	<	10.0	-	-	70	<	10.0	2.40	25	6.2
41H	871038	80	16	8	27	10	<	178	1.0	<	2.25	35	13.0	2.0	245	18	0.2	0.2	<	10.0	-	-	60	<	5.0	1.00	8	5.9
41H	871039	150	27	17	56	15	<	223	3.0	<	3.16	60	14.2	1.3	270	24	0.2	0.2	3	10.0	-	-	70	<	8.0	2.20	17	6.1
41H	871040	153	17	9	22	9	<	196	1.0	<	1.56	95	42.4	1.3	175	14	0.8	<	<	10.0	-	-	70	<	2.4	0.80	3	5.5
41H	871042	146	40	18	91	21	<	682	6.0	<	4.47	55	9.0	2.8	380	42	0.4	0.2	<	10.0	1	5.00	60	0.10	20.0	5.60	56	6.5
41H	871043	101	39	14	67	17	<	553	3.0	<	3.65	30	4.0	2.6	340	49	<	0.2	<	10.0	3	10.0	60	0.12	21.0	5.40	57	6.6
41H	871044	199	69	37	110	20	0.2	537	5.0	<	4.02	140	15.8	2.2	230	46	1.2	0.3	<	10.0	-	-	50	<	9.0	2.20	17	6.2
41H	871045	107	33	25	34	3	<	53	2.0	<	0.52	185	82.2	1.4	60	15	1.1	0.3	<	10.0	-	-	50	<	1.8	0.52	<	4.3

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	871046	17	515253	5087244	MPGF	04	>5	11	-	Lw	-	Gy	-
41H	871047	17	518812	5088189	MPGF	04	>5	5	-	Lw	-	GnGy	-
41H	871048	17	520314	5087695	MPS	04	1-5	5	-	Lw	-	Gy	-
41H	871049	17	520677	5080439	MPGF	04	.25-1	2	-	Lw	-	Br	-
41H	871050	17	523822	5079532	MPS	04	.25-1	2	-	Lw	-	Br	-
41H	871051	17	529591	5076069	MPS	04	.25-1	1	-	Lw	-	Br	-
41H	871052	17	527452	5079150	MPGF	04	.25-1	1	-	Lw	-	Br	-
41H	871053	17	528115	5081426	MPGF	04	>5	10	-	Lw	-	Gy	-
41H	871054	17	530405	5083854	MPGF	04	.25-1	11	-	Lw	-	BrBk	-
41H	871055	17	528183	5088388	MPS	04	1-5	8	-	Lw	-	Br	-
41H	871056	17	521449	5090369	MPS	04	1-5	5	-	Lw	-	Br	-
41H	871057	17	518812	5092708	LPGB	04	1-5	2	-	Lw	-	Br	-
41H	871059	17	513947	5092105	MPS	04	1-5	3	-	Lw	-	GnGy	-
41H	871060	17	510684	5090569	MPGF	04	1-5	16	-	Lw	-	Gy	-
41H	871062	17	507096	5091896	LPGB	04	.25-1	1	-	Lw	-	Br	-
41H	871063	17	502792	5090402	MPS	04	>5	15	10	Lw	-	Gy	-
41H	871064	17	502792	5090402	MPS	04	>5	15	20	Lw	-	Gy	-
41H	871065	17	488437	5091682	MPS	04	>5	4	-	Lw	-	Gy	-
41H	871066	17	482456	5092898	MPS	04	>5	1	-	Lw	-	Gy	-
41H	871067	17	477524	5093139	MPS	04	>5	3	-	Lw	-	Gy	-
41H	871068	17	526809	5092132	MPS	04	1-5	8	-	Lw	-	GyBk	-
41H	871069	17	531147	5089761	MPS	04	.25-1	17	-	Lw	-	GyBr	-
41H	871071	17	532978	5085965	MPS	04	.25-1	6	-	Lw	-	Br	-
41H	871072	17	534825	5082924	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41H	871073	17	534829	5080753	MPS	04	.25-1	5	-	Lw	-	GyBr	-
41H	871074	17	531359	5078462	MPS	04	.25-1	3	-	Lw	-	GyBk	-
41H	871075	17	529325	5071881	MPS	04	pond	3	-	Lw	-	Br	-
41H	871076	17	536510	5068484	MPS	04	1-5	4	-	Lw	-	Gy	-
41H	871077	17	528421	5065354	MPS	04	>5	3	-	Lw	-	Gy	-
41H	871078	17	531326	5064587	MPGF	04	.25-1	2	-	Lw	-	GyBr	-
41H	871079	17	538703	5061823	MPS	04	1-5	4	-	Lw	-	GyBr	-
41H	871080	17	535569	5059246	MPS	04	pond	3	-	Lw	-	GyBr	-
41H	871082	17	535986	5055702	MPS	04	.25-1	3	10	Lw	-	Gy	-
41H	871083	17	535986	5055702	MPS	04	.25-1	3	20	Lw	-	Gy	-
41H	871084	17	538227	5052717	MPS	04	.25-1	1	-	Lw	-	GyBr	-
41H	871085	17	543050	5052356	MPS	04	.25-1	2	-	Lw	-	GyBr	-
41H	871086	17	544567	5053797	MPS	04	.25-1	5	-	Lw	-	Br	-
41H	871087	17	541720	5048743	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41H	871088	17	546771	5045195	MPS	04	>5	6	-	Lw	-	GyBk	-
41H	871089	17	542923	5040474	MPS	04	.25-1	1	-	Lw	-	GyBr	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41H	871046	219	55	47	120	19	<	819	6.0	<	5.25	105	14.8	3.1	180	41	1.6	0.5	<	10.0	-	-	60	0.12	19.0	5.20	54	6.4
41H	871047	217	30	131	54	23	<	685	2.0	<	5.82	100	15.2	3.5	255	49	0.4	0.2	<	10.0	-	-	50	<	10.0	2.20	23	6.2
41H	871048	178	25	5	45	18	<	467	4.0	<	4.34	90	13.6	2.5	270	35	0.4	0.2	<	10.0	-	-	50	0.08	18.0	4.60	51	6.6
41H	871049	128	29	16	26	7	<	77	6.0	<	1.28	90	62.2	2.5	255	23	0.5	0.2	<	10.0	-	-	50	<	2.8	1.00	2	5.3
41H	871050	93	21	11	23	3	<	65	2.0	<	0.53	90	80.0	2.0	50	19	0.3	<	<	10.0	-	-	40	<	1.4	0.36	<	4.8
41H	871051	90	17	18	23	2	<	63	1.0	<	0.79	100	60.8	0.9	310	22	0.7	0.2	<	10.0	-	-	40	<	4.0	0.92	10	5.9
41H	871052	125	15	6	25	7	<	61	<	<	1.28	55	58.8	1.3	100	49	0.5	<	<	10.0	-	-	40	0.05	2.4	1.10	4	5.6
41H	871053	174	26	33	47	20	<	515	2.0	<	4.17	90	9.6	2.2	350	45	0.3	0.3	<	10.0	3	10.0	50	<	6.4	1.60	15	6.0
41H	871054	198	38	25	35	14	<	261	4.0	<	2.25	180	47.6	2.4	185	31	2.1	0.3	<	10.0	-	-	60	<	5.6	1.30	14	6.0
41H	871055	137	25	14	36	11	<	227	1.0	<	2.63	115	18.6	2.0	230	27	0.7	0.2	3	10.0	-	-	50	<	7.0	2.40	20	6.1
41H	871056	195	42	25	36	7	<	288	4.0	<	2.80	145	36.2	2.2	105	28	1.1	0.3	<	10.0	-	-	40	<	2.4	0.56	2	5.6
41H	871057	175	28	16	46	18	<	587	2.0	<	4.04	105	9.2	3.1	315	25	0.4	0.2	<	10.0	4	10.0	40	0.06	5.2	1.20	12	6.0
41H	871059	122	39	13	48	16	<	1360	2.0	<	4.67	55	9.8	3.6	255	41	<	0.2	<	10.0	4	10.0	50	<	7.0	2.00	18	6.1
41H	871060	215	117	50	330	44	0.2	1304	7.0	<	4.43	185	12.4	2.3	315	43	1.6	0.4	1	10.0	-	-	50	<	7.8	2.20	18	6.1
41H	871062	112	20	21	36	10	<	170	2.0	<	2.77	60	14.0	2.1	200	20	0.6	0.2	<	10.0	-	-	70	<	2.0	0.72	2	5.3
41H	871063	151	99	30	237	38	0.2	1804	6.0	<	4.34	130	7.6	2.3	240	39	0.8	0.2	<	10.0	5	5.00	50	<	7.8	2.20	18	6.1
41H	871064	168	136	40	362	51	<	2128	8.0	<	4.33	140	8.0	2.2	280	41	1.3	0.3	1	10.0	3	10.0	50	<	7.6	2.20	18	6.1
41H	871065	88	21	15	43	11	<	297	2.0	<	2.21	35	3.6	1.8	250	24	0.2	0.2	<	10.0	5	10.0	60	0.08	15.4	4.00	45	6.4
41H	871066	139	23	18	52	14	<	338	2.0	<	2.71	65	5.2	2.5	370	24	1.0	0.2	<	10.0	2	10.0	50	0.05	8.0	2.20	19	6.2
41H	871067	126	21	22	47	13	<	577	3.0	<	2.62	60	4.8	2.8	225	22	0.6	0.2	<	10.0	1	10.0	60	0.12	15.6	4.00	42	6.4
41H	871068	150	28	19	45	22	<	989	2.0	<	5.06	130	10.8	2.6	310	48	0.4	0.2	<	10.0	-	-	50	<	6.0	1.70	15	6.1
41H	871069	168	29	17	44	17	<	381	2.0	<	3.42	140	18.6	2.6	290	42	0.7	<	<	10.0	-	-	50	0.06	7.6	3.00	25	6.2
41H	871071	139	31	9	28	8	<	205	1.0	<	2.43	90	28.6	2.8	210	30	0.8	<	<	10.0	-	-	50	<	8.4	2.10	19	6.3
41H	871072	150	20	11	35	18	<	419	2.0	<	3.31	100	11.8	2.1	325	35	0.4	<	<	10.0	-	-	50	<	9.2	2.70	26	6.2
41H	871073	120	22	10	34	18	<	484	2.0	<	3.88	55	8.8	2.8	220	40	0.4	<	<	10.0	3	10.0	50	0.07	10.4	2.80	32	6.2
41H	871074	171	35	24	48	20	<	583	3.0	<	4.00	95	12.4	3.6	240	43	0.9	<	<	10.0	-	-	50	<	13.6	3.10	38	6.5
41H	871075	76	12	5	14	3	<	49	1.0	<	0.75	60	73.6	1.0	90	17	0.3	<	<	10.0	-	-	40	<	2.0	0.44	<	4.4
41H	871076	280	36	84	36	17	<	602	6.0	<	3.76	155	19.6	2.2	290	40	2.0	1.2	<	10.0	-	-	40	<	3.8	0.76	6	5.7
41H	871077	156	28	26	42	15	<	252	6.0	<	3.31	60	10.6	2.0	275	34	1.0	0.2	<	10.0	-	-	50	0.11	22.0	5.00	61	6.5
41H	871078	198	23	16	19	3	<	89	2.0	<	1.34	120	54.8	1.4	115	15	1.2	<	<	10.0	-	-	50	<	2.0	0.40	2	5.3
41H	871079	148	22	16	26	10	<	219	2.0	<	2.15	90	27.4	2.1	215	25	0.9	<	<	10.0	-	-	50	<	3.0	0.76	5	5.8
41H	871080	137	26	8	19	8	<	128	1.0	<	1.92	85	44.4	2.0	150	29	0.8	<	<	10.0	-	-	50	<	1.4	0.40	<	4.7
41H	871082	122	18	19	25	12	<	267	3.0	<	2.71	60	7.2	1.9	225	27	0.7	0.2	31	10.0	1	10.0	70	<	4.4	1.00	11	5.9
41H	871083	121	17	21	24	13	<	251	2.0	<	2.57	55	6.8	2.0	245	25	0.8	0.2	<	10.0	<	10.0	60	<	4.6	1.10	10	5.9
41H	871084	286	45	20	40	21	<	203	1.0	<	3.47	115	38.2	3.1	215	63	0.9	0.2	<	10.0	-	-	50	<	2.0	0.68	3	5.5
41H	871085	157	35	11	26	12	<	184	2.0	<	3.06	85	44.0	3.2	215	42	0.7	<	<	10.0	-	-	50	<	4.0	1.10	10	5.9
41H	871086	233	46	18	47	12	<	189	4.0	<	1.97	180	45.2	2.4	170	30	2.1	<	<	10.0	-	-	60	<	4.4	0.96	9	5.9
41H	871087	144	40	11	42	16	<	259	3.0	<	4.92	55	15.2	2.1	415	46	0.3	<	<	10.0	-	-	50	<	2.6	0.84	5	5.6
41H	871088	63	9	12	16	7	<	174	4.0	<	1.86	30	3.4	1.7	280	15	0.2	<	<	10.0	-	-	50	0.13	20.0	5.00	62	6.5
41H	871089	104	19	11	17	9	<	126	2.0	<	2.69	55	20.6	1.9	240	31	<	<	<	10.0	-	-	70	<	21.0	5.40	60	6.5

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	871090	17	549497	5042633	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41H	871092	17	550155	5045264	MPS	04	1-5	16	-	Lw	-	GyBr	-
41H	871093	17	550700	5048500	MPS	04	.25-1	13	-	Lw	-	GyBr	-
41H	871094	17	550300	5052400	MPS	04	.25-1	5	-	Lw	-	Br	-
41H	871095	17	548011	5051639	MPS	04	.25-1	12	-	Lw	-	Br	-
41H	871096	17	548143	5055777	MPS	04	1-5	11	-	Lw	-	GyBr	-
41H	871097	17	547332	5060635	MPS	04	.25-1	5	-	Lw	-	GyBr	-
41H	871098	17	546361	5065177	MPS	04	>5	5	-	Lw	-	GyBr	-
41H	871099	17	543192	5069302	MPS	04	.25-1	6	-	Lw	-	Br	-
41H	871100	17	546672	5071009	MPS	04	pond	1	-	Lw	-	Gy	-
41H	871102	17	543774	5071801	MPS	04	.25-1	6	10	Lw	-	GyBr	-
41H	871103	17	543774	5071801	MPS	04	.25-1	6	20	Lw	-	GyBr	-
41H	871104	17	545977	5079301	MPS	04	.25-1	4	-	Lw	-	Br	-
41H	871105	17	535124	5085994	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41H	871106	17	536135	5087895	MPS	04	.25-1	8	-	Lw	-	GyBr	-
41H	871107	17	532507	5091590	MPS	04	.25-1	6	-	Lw	-	GyBr	-
41H	871108	17	535906	5092282	MPS	04	.25-1	13	-	Lw	-	Gy	-
41H	871109	17	538300	5092425	MPS	04	>5	13	-	Lw	-	Gy	-
41H	871110	17	538624	5087961	MPS	04	.25-1	11	-	Lw	-	GnBr	-
41H	871111	17	550845	5078984	MPS	04	.25-1	1	-	Lw	-	Br	-
41H	871113	17	549107	5073355	MPS	04	>5	15	-	Lw	-	BrBk	-
41H	871114	17	551987	5065549	MPS	04	>5	1	-	Lw	-	GnGy	-
41H	871115	17	550053	5063043	MPS	04	1-5	10	-	Lw	-	GnBr	-
41H	871116	17	551119	5056984	MPS	04	1-5	13	-	Lw	-	GnBr	-
41H	871117	17	550493	5054454	MPS	04	>5	12	-	Lw	-	GnBr	-
41H	871118	17	554267	5053735	MPS	04	>5	9	-	Lw	-	GnBr	-
41H	871119	17	554918	5050089	MPS	04	.25-1	8	-	Lw	-	GnBr	-
41H	871120	17	553642	5047022	MPS	04	.25-1	5	-	Lw	-	GnBr	-
41H	871122	17	558094	5044618	MPS	04	1-5	14	10	Lw	-	GnBr	-
41H	871123	17	558094	5044618	MPS	04	1-5	14	20	Lw	-	GnBr	-
41H	871124	17	560284	5044585	MPS	04	1-5	12	-	Lw	-	GnBr	-
41H	871125	17	561218	5041712	MPS	04	1-5	7	-	Lw	-	GnBr	-
41H	871126	17	558654	5038885	MPS	04	.25-1	6	-	Lw	-	GnBr	-
41H	871127	17	563426	5043011	MPS	04	1-5	3	-	Lw	-	GnBr	-
41H	871128	17	564896	5048122	MPS	04	1-5	19	-	Lw	-	GnBr	-
41H	871129	17	561198	5048872	MPS	04	.25-1	3	-	Lw	-	GnBr	-
41H	871130	17	558610	5049364	MPS	04	.25-1	4	-	Lw	-	GnBr	-
41H	871131	17	558385	5051701	MPS	04	1-5	20	-	Lw	-	GnBr	-
41H	871132	17	562216	5052365	MPS	04	.25-1	8	-	Lw	-	GnBr	-
41H	871133	17	563812	5054479	MPS	04	1-5	20	-	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41H	871090	246	36	30	48	18	<	229	4.0	<	3.34	175	27.4	4.0	305	39	1.7	0.2	<	10.0	-	-	70	<	12.4	3.00	35	6.3
41H	871092	331	28	47	29	24	<	519	6.0	<	3.79	195	26.6	2.8	265	45	2.0	0.2	<	10.0	-	-	50	<	4.0	0.88	7	5.9
41H	871093	158	26	33	14	7	<	160	3.0	<	1.73	175	46.4	1.3	110	32	1.1	0.2	<	10.0	-	-	50	<	1.8	0.44	1	5.3
41H	871094	120	29	10	14	3	<	71	1.0	<	0.57	180	66.2	1.6	60	16	1.1	<	<	10.0	-	-	50	<	1.8	0.56	2	5.3
41H	871095	182	31	37	16	7	<	208	4.0	<	2.01	175	49.4	1.3	60	31	1.2	0.2	<	10.0	-	-	50	<	2.2	0.68	2	5.4
41H	871096	170	32	24	21	14	0.2	499	2.0	<	2.77	120	35.8	2.4	150	34	0.9	0.2	<2	5.00	-	-	50	0.05	2.2	0.72	3	5.6
41H	871097	167	24	18	24	11	<	321	3.0	<	2.29	145	22.8	1.9	185	25	1.0	<	<	10.0	-	-	40	<	3.4	0.76	6	5.8
41H	871098	203	24	24	21	17	<	791	3.0	<	2.98	140	21.0	2.3	220	45	1.6	<	<	10.0	-	-	40	<	3.6	0.76	6	5.8
41H	871099	208	28	22	27	10	<	301	2.0	<	2.06	175	36.0	2.3	185	24	1.2	<	<	10.0	-	-	50	0.05	2.4	0.68	5	5.7
41H	871100	55	12	18	14	4	<	68	1.0	<	1.64	60	16.4	2.5	215	15	0.4	<	<	10.0	-	-	50	<	2.2	0.60	3	5.8
41H	871102	176	41	26	45	20	<	496	3.0	<	3.20	115	24.6	2.8	225	41	1.2	<	<	10.0	-	-	60	<	2.0	0.64	3	5.6
41H	871103	189	47	34	52	21	<	547	3.0	<	2.37	125	24.0	3.2	250	36	1.5	0.3	<	10.0	-	-	50	<	2.0	0.60	3	5.7
41H	871104	106	30	9	18	4	<	102	1.0	<	1.09	150	47.4	1.7	80	12	0.7	<	<	10.0	-	-	50	<	1.6	0.64	2	5.6
41H	871105	251	61	26	60	21	<	404	6.0	<	3.47	210	27.8	3.5	315	36	1.6	0.3	<	10.0	-	-	50	<	6.6	1.80	19	6.0
41H	871106	86	21	17	27	10	<	248	1.0	<	2.49	60	58.4	1.8	280	24	0.3	0.2	<	10.0	-	-	50	<	8.0	2.40	23	6.2
41H	871107	251	48	23	32	9	<	144	1.0	5	1.68	215	44.8	4.2	150	26	1.2	0.2	<	10.0	-	-	50	0.06	4.2	1.30	11	6.0
41H	871108	117	38	13	41	17	<	758	1.0	<	4.54	65	7.6	3.1	410	43	<	<	<	10.0	3	10.0	50	<	5.6	1.40	12	6.0
41H	871109	168	36	33	43	17	<	530	5.0	<	4.02	150	10.8	2.2	410	46	0.8	0.2	<	10.0	-	-	40	0.06	5.2	1.30	12	6.0
41H	871110	153	40	36	34	8	<	194	5.0	<	1.66	250	39.0	1.2	135	20	1.5	0.3	<	10.0	-	-	50	<	5.0	1.40	13	6.0
41H	871111	52	36	14	17	3	<	44	1.0	<	0.58	185	49.4	7.3	225	19	0.9	<	3	10.0	-	-	40	<	1.2	0.44	<	4.6
41H	871113	164	40	61	21	16	<	631	4.0	<	2.76	210	15.6	2.1	200	43	1.0	0.4	<	10.0	-	-	60	<	2.2	0.72	3	5.7
41H	871114	156	15	26	17	10	<	652	3.0	<	2.34	60	24.0	1.2	270	19	1.5	0.2	<	10.0	-	-	50	<	3.8	0.76	6	5.8
41H	871115	197	30	30	27	29	0.2	1626	3.0	<	4.44	155	43.8	2.0	230	51	1.2	0.3	<	10.0	-	-	50	<	3.6	0.76	6	5.8
41H	871116	187	43	57	20	11	<	502	6.0	<	1.45	275	38.8	2.0	105	31	1.8	0.4	<	10.0	-	-	50	<	2.2	0.64	3	5.6
41H	871117	183	37	52	22	14	<	464	3.0	<	2.65	245	15.6	3.0	210	36	1.3	0.3	<	10.0	-	-	40	<	2.2	0.52	2	5.5
41H	871118	291	34	19	34	23	<	390	4.0	<	3.44	145	58.8	3.8	360	43	1.1	0.2	<	10.0	-	-	40	<	2.2	0.52	2	5.4
41H	871119	131	32	20	16	3	0.2	63	2.0	<	1.04	245	73.2	1.1	105	12	1.0	0.2	<	10.0	-	-	40	<	1.2	0.40	1	5.3
41H	871120	92	28	7	9	2	<	73	1.0	<	0.59	180	39.4	1.2	75	11	0.9	<	<	10.0	-	-	40	<	1.0	0.32	<	4.7
41H	871122	152	35	52	14	14	0.2	474	5.0	<	2.10	235	44.8	1.9	115	32	1.2	0.4	<	10.0	-	-	50	<	2.8	0.52	3	5.7
41H	871123	163	35	75	15	17	0.2	481	8.0	<	2.24	245	43.0	2.3	130	40	1.3	0.6	<	10.0	-	-	40	<	2.8	0.52	3	5.6
41H	871124	210	32	24	18	50	<	2322	3.0	<	3.97	155	33.2	2.7	145	51	1.9	0.3	<	10.0	-	-	40	<	3.2	0.48	4	5.7
41H	871125	135	22	28	17	5	0.2	124	2.0	<	1.27	210	42.0	1.8	135	15	1.2	0.2	<	10.0	-	-	40	<	1.4	0.36	1	5.0
41H	871126	106	26	17	16	2	<	70	1.0	<	0.68	200	54.4	1.4	80	10	1.0	<	<	10.0	-	-	40	<	2.4	0.76	2	5.6
41H	871127	185	38	32	35	10	0.2	129	3.0	<	2.04	155	43.4	2.7	170	16	1.4	0.3	<	10.0	-	-	40	<	1.4	0.56	1	5.7
41H	871128	218	37	52	25	20	<	885	7.0	<	4.01	160	26.2	4.1	200	39	1.8	0.4	<	10.0	-	-	40	<	3.0	0.48	3	5.6
41H	871129	154	24	41	19	8	0.2	136	7.0	<	1.99	150	43.2	2.3	110	15	1.3	0.4	<	10.0	-	-	30	<	1.2	0.36	1	5.3
41H	871130	127	22	9	20	6	<	48	1.0	<	0.57	120	56.2	1.3	65	12	1.1	<	<	10.0	-	-	40	<	1.4	0.40	<	4.8
41H	871131	135	28	44	17	14	<	448	3.0	<	2.70	180	32.8	2.7	205	31	0.5	0.3	<	10.0	-	-	30	<	2.0	0.48	2	5.4
41H	871132	135	22	12	15	6	<	87	1.0	<	1.24	120	38.2	3.2	60	15	0.9	0.2	<	10.0	-	-	30	<	1.4	0.40	<	4.7
41H	871133	150	26	35	16	3	<	101	4.0	<	0.79	275	47.8	2.9	125	20	1.4	0.3	1	10.0	-	-	30	<	1.4	0.32	<	4.6

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	871134	17	568526	5053858	MPS	04	1-5	2	-	Lw	-	Br	-
41H	871135	17	568090	5055961	MPS	04	.25-1	9	-	Lw	-	Gn	-
41H	871136	17	564921	5057052	MPS	04	-	21	-	Lw	-	GnBr	-
41H	871137	17	561062	5055702	MPS	04	1-5	18	-	Lw	-	GnBr	-
41H	871138	17	557105	5056822	MPS	04	.25-1	13	-	Lw	-	GnBr	-
41H	871139	17	555280	5056200	MPS	04	.25-1	14	-	Lw	-	GnBr	-
41H	871142	17	554562	5058964	MPS	04	1-5	10	10	Lw	-	GnBr	-
41H	871143	17	554562	5058964	MPS	04	1-5	10	20	Lw	-	GnBr	-
41H	871145	17	558024	5060956	MPS	04	.25-1	11	-	Lw	-	GnBr	-
41H	871146	17	554018	5062298	MPS	04	>5	13	-	Lw	-	GnBr	-
41H	871147	17	557455	5063079	MPS	04	>5	9	-	Lw	-	GnBr	-
41H	871148	17	560743	5064304	MPS	04	>5	5	-	Lw	-	Gn	-
41H	871149	17	556109	5067381	MPS	04	1-5	3	-	Lw	-	GnBr	-
41H	871150	17	554720	5070706	MPS	04	pond	3	-	Lw	-	GnBr	-
41H	871151	17	556857	5071542	MPS	04	1-5	8	-	Lw	-	GnBr	-
41H	871152	17	556138	5074172	MPS	04	1-5	6	-	Lw	-	GnBr	-
41H	871153	17	558454	5077058	MPS	04	1-5	5	-	Lw	-	GnBr	-
41H	871154	17	554343	5077645	MPS	04	.25-1	11	-	Lw	-	GnBr	-
41H	871155	17	551542	5083241	MPS	04	.25-1	9	-	Lw	-	BrBk	-
41H	871156	17	543235	5091403	MPS	04	>5	12	-	Lw	-	Gy	-
41H	873002	17	574351	5091938	MPS	04	1-5	4	10	Lw	-	Br	-
41H	873003	17	574351	5091938	MPS	04	1-5	4	20	Lw	-	Br	-
41H	873004	17	574913	5089759	MPS	04	1-5	11	-	Md	-	Br	-
41H	873005	17	574522	5084467	MPS	04	.25-1	4	-	Md	-	Br	-
41H	873006	17	574297	5082240	MPS	04	1-5	19	-	Md	Ca	Br	-
41H	873007	17	575379	5080065	MPS	04	1-5	9	-	Md	-	Br	-
41H	873008	17	574957	5076379	MPS	04	1-5	11	-	Lw	-	Br	-
41H	873009	17	573339	5074970	LPGX	04	pond	06	-	Lw	-	Br	-
41H	873010	17	576884	5072678	LPGX	04	.25-1	11	-	Lw	-	Br	-
41H	873012	17	575373	5066641	LPGX	04	.25-1	6	-	Lw	-	Br	-
41H	873013	17	576032	5064963	LPGX	04	>5	16	-	Lw	Ca	Br	-
41H	873014	17	575394	5059716	LPGX	04	>5	21	-	Lw	Ca	Br	-
41H	873015	17	576367	5055625	MPS	04	.25-1	3	-	Lw	Ca	Br	-
41H	873016	17	576891	5053350	MPS	04	.25-1	7	-	Md	Ca	Br	-
41H	873017	17	576598	5048724	ACSP	02	.25-1	7	-	Lw	-	Br	-
41H	873018	17	576433	5045761	ACSP	02	.25-1	8	-	Lw	-	Br	-
41H	873019	17	573793	5044546	MPS	04	.25-1	15	-	Lw	-	Br	-
41H	873020	17	576321	5041890	LPGB	04	1-5	14	-	Md	-	BrBk	-
41H	873022	17	571517	5040715	MPS	04	1-5	8	10	Md	-	Br	-
41H	873023	17	571517	5040715	MPS	04	1-5	8	20	Md	-	Br	-

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	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41H	871134	176	37	38	23	10	<	214	3.0	<	2.21	200	33.2	3.0	170	23	1.3	0.2	<	10.0	-	-	30	<	2.0	0.44	2	5.5
41H	871135	181	43	75	29	12	<	211	8.0	<	1.73	300	49.8	2.4	160	25	2.0	0.4	<	10.0	-	-	30	<	3.0	0.72	3	5.6
41H	871136	177	35	81	22	10	<	346	6.0	<	2.08	215	34.4	2.1	175	29	1.6	0.6	<	10.0	-	-	30	<	1.8	0.44	2	5.5
41H	871137	139	31	57	15	13	0.2	460	4.0	<	2.69	165	46.6	2.7	95	32	1.2	0.3	<	10.0	-	-	30	<	1.8	0.48	1	5.4
41H	871138	155	41	76	27	6	0.2	166	6.0	<	1.74	145	41.0	1.4	95	17	1.7	0.5	<	10.0	-	-	30	<	1.8	0.48	2	5.4
41H	871139	143	22	15	16	39	<	1848	3.0	<	3.86	90	23.0	2.0	155	38	0.7	0.2	<	10.0	-	-	30	<	2.0	0.52	2	5.5
41H	871142	162	31	36	19	6	<	171	3.0	<	1.27	165	44.6	1.6	120	21	1.4	0.2	<	10.0	-	-	60	<	4.0	0.64	2	5.6
41H	871143	167	31	35	19	7	<	159	3.0	<	1.23	195	44.6	1.5	110	20	1.4	<	<	10.0	-	-	50	<	2.8	0.64	3	5.7
41H	871145	140	27	25	15	7	<	310	2.0	<	1.55	150	39.8	1.4	105	22	1.1	0.2	<	10.0	-	-	60	<	2.2	0.56	2	5.7
41H	871146	263	31	51	27	16	<	648	3.0	<	3.34	175	30.6	2.2	205	38	1.7	0.4	<	10.0	-	-	50	<	3.4	0.76	6	5.8
41H	871147	204	26	54	22	11	<	449	5.0	<	2.11	155	33.0	1.7	180	28	2.9	0.4	<	10.0	-	-	50	<	3.6	0.80	6	5.8
41H	871148	265	28	46	28	18	0.3	588	5.0	<	3.45	170	24.2	2.5	230	38	1.8	0.4	<	10.0	-	-	50	<	3.6	0.80	6	5.8
41H	871149	160	17	24	18	14	<	751	3.0	<	2.31	100	9.2	1.7	175	22	0.9	0.2	<	10.0	<	10.0	40	<	3.6	0.80	6	5.8
41H	871150	186	48	10	15	4	<	112	1.0	<	0.93	205	67.4	1.2	60	16	1.2	<	<	10.0	-	-	40	<	1.8	0.60	3	5.4
41H	871151	158	24	18	18	16	<	676	6.0	<	2.33	120	29.0	2.0	155	31	1.1	0.2	<	10.0	-	-	40	<	2.2	0.68	3	5.7
41H	871152	62	6	9	9	10	<	132	1.0	<	1.37	65	5.0	1.0	165	9	0.4	<	<	10.0	2	10.0	40	<	2.2	0.72	3	5.7
41H	871153	259	30	19	18	12	<	567	2.0	<	2.13	115	32.6	1.7	140	31	1.3	0.2	<	10.0	-	-	40	<	2.2	0.68	3	6.2
41H	871154	153	37	25	15	15	0.2	971	3.0	<	3.25	175	51.4	1.3	70	35	0.9	0.2	<	10.0	-	-	40	<	2.4	0.84	4	5.6
41H	871155	165	38	35	25	12	0.3	464	4.0	<	2.00	180	41.0	1.7	155	36	1.0	0.2	<	10.0	-	-	40	<	3.0	1.20	7	5.8
41H	871156	77	23	14	26	10	1.3	223	1.0	<	2.16	70	6.6	1.7	385	31	<	0.2	<	10.0	2	10.0	40	<	4.8	1.20	9	5.9
41H	873002	194	33	25	36	11	<	206	2.0	<	2.11	175	30.2	1.8	185	22	1.1	<	<	10.0	-	-	50	<	3.2	1.00	5	5.8
41H	873003	192	31	17	33	11	<	199	2.0	<	2.09	130	30.8	1.5	185	22	1.1	<	<	10.0	-	-	40	<	2.8	0.96	5	5.7
41H	873004	129	46	32	22	7	0.2	189	3.0	<	2.23	270	49.6	1.4	110	36	1.1	0.2	<	10.0	-	-	40	<	2.6	0.88	3	5.6
41H	873005	183	39	13	24	4	<	135	1.0	<	0.76	185	59.6	0.9	80	15	1.1	<	<	10.0	-	-	40	<	3.6	1.20	8	5.9
41H	873006	180	31	56	24	13	<	457	5.0	<	2.86	175	24.0	1.9	265	38	1.1	0.4	<	10.0	-	-	40	0.18	5.0	0.88	9	5.9
41H	873007	149	30	15	17	14	0.2	478	2.0	<	1.65	165	38.6	2.8	110	29	1.0	0.2	<	10.0	-	-	40	<	2.6	0.68	3	5.6
41H	873008	173	31	49	29	5	<	115	5.0	<	1.62	245	49.2	2.4	130	12	1.6	0.2	<	10.0	-	-	40	<	1.8	0.44	2	5.4
41H	873009	136	30	18	15	3	0.2	91	2.0	<	0.64	245	61.6	1.6	85	9	1.3	0.2	<	10.0	-	-	40	<	1.4	0.40	2	5.3
41H	873010	178	37	45	25	6	0.2	91	4.0	<	1.64	210	49.2	2.3	100	16	1.4	0.2	<	10.0	-	-	40	<	1.4	0.40	1	5.4
41H	873012	118	22	25	17	4	<	123	3.0	<	0.84	125	47.2	2.1	105	19	0.8	0.2	<	10.0	-	-	50	<	1.8	0.52	2	5.6
41H	873013	261	27	15	23	31	<	3488	2.0	2	6.04	165	27.0	2.1	235	63	1.5	0.2	<	10.0	-	-	40	<	4.0	0.84	7	5.8
41H	873014	159	34	10	14	10	<	467	1.0	<	1.81	95	26.4	2.2	220	38	1.4	<	<	10.0	-	-	40	<	4.0	0.72	6	5.9
41H	873015	103	18	8	13	8	0.2	132	<	<	1.00	125	27.0	1.5	175	13	0.9	<	<	10.0	-	-	30	<	3.0	0.52	3	5.6
41H	873016	131	28	46	17	9	0.3	188	1.0	<	1.22	185	40.0	1.1	125	18	1.9	0.2	<	10.0	-	-	30	<	3.0	0.44	3	5.7
41H	873017	128	34	29	18	5	0.3	103	1.0	<	0.87	180	51.8	1.1	135	14	1.4	0.2	<	10.0	-	-	30	<	2.4	0.52	2	5.5
41H	873018	123	22	40	18	5	<	130	1.0	<	1.42	120	28.4	1.3	265	18	1.3	0.2	<	10.0	-	-	30	<	2.4	0.52	2	5.5
41H	873019	137	47	33	15	14	0.2	222	1.0	<	1.92	185	51.8	1.5	80	36	1.0	0.2	<	10.0	-	-	30	<	1.6	0.44	2	5.4
41H	873020	126	36	49	15	10	0.3	290	2.0	<	1.75	285	45.4	1.2	110	26	1.4	0.2	<	10.0	-	-	30	<	3.2	0.56	5	5.8
41H	873022	150	31	20	13	22	0.2	627	<	<	2.00	155	39.0	2.4	100	30	1.0	<	<	10.0	-	-	40	<	2.2	0.52	2	5.6
41H	873023	149	34	17	14	20	<	636	<	<	1.98	135	38.2	2.0	145	30	1.2	<	<	10.0	-	-	40	<	2.4	0.52	2	5.6

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	873024	17	568098	5039801	MPS	04	1-5	5	-	Lw	-	GyBr	-
41H	873025	17	566807	5045169	MPS	04	1-5	16	-	Md	Ca	Br	-
41H	873027	17	568976	5046253	MPS	04	.25-1	20	-	Lw	-	Br	-
41H	873028	17	570659	5047890	MPS	04	.25-1	9	-	Lw	-	Br	-
41H	873029	17	570187	5050456	MPS	04	.25-1	8	-	Lw	-	Br	-
41H	873030	17	570789	5051577	MPS	04	.25-1	4	-	Lw	-	Br	-
41H	873031	17	573323	5056354	MPS	04	1-5	6	-	Lw	Ca	Br	-
41H	873032	17	572140	5058745	MPS	04	1-5	18	-	Lw	Ca	Br	-
41H	873033	17	571483	5064015	LPGX	04	.25-1	10	-	Lw	-	Br	-
41H	873034	17	570860	5066842	LPGX	04	.25-1	4	-	Lw	-	Br	-
41H	873035	17	571924	5072201	LPGX	04	>5	14	-	Lw	Ca	GyBr	-
41H	873036	17	569896	5072952	LPGX	04	.25-1	2	-	Lw	-	Br	-
41H	873037	17	570350	5076866	MPS	04	.25-1	13	-	Lw	-	Br	-
41H	873038	17	570809	5080248	MPS	04	1-5	8	-	Lw	-	Br	-
41H	873039	17	569291	5081402	MPS	04	1-5	20	-	Lw	Ca	BrBk	-
41H	873040	17	571162	5086993	MPBN	04	>5	9	-	Lw	-	GyBr	-
41H	873042	17	568193	5089137	MPBN	04	.25-1	9	10	Lw	-	GyBr	-
41H	873043	17	568193	5089137	MPBN	04	.25-1	9	20	Lw	-	GyBr	-
41H	873044	17	571531	5090280	MPS	04	1-5	6	-	Lw	-	GyBr	-
41H	873045	17	569123	5091292	MPS	04	.25-1	3	-	Lw	-	GyBr	-
41H	873046	17	545820	5093247	MPS	04	1-5	11	-	Md	-	GyBr	-
41H	873047	17	550372	5093185	MPS	04	1-5	7	-	Md	-	Gy	-
41H	873048	17	556059	5088612	MPS	04	>5	3	-	Lw	-	Br	-
41H	873049	17	558898	5088805	MPS	04	>5	13	-	Lw	Ca	Br	-
41H	873050	17	557928	5084543	MPS	04	>5	9	-	Lw	-	Br	-
41H	873051	17	555671	5083949	MPS	04	.25-1	11	-	Lw	-	Br	-
41H	873052	17	554520	5081992	MPS	04	>5	10	-	Lw	-	Br	-
41H	873054	17	556321	5079916	MPS	04	.25-1	18	-	Md	-	BrBk	-
41H	873055	17	560486	5074016	MPS	04	>5	8	-	Md	-	Br	-
41H	873056	17	559769	5071156	MPS	04	>5	12	-	Md	-	Br	-
41H	873057	17	562540	5070479	MPS	04	.25-1	4	-	Lw	-	Br	-
41H	873058	17	564652	5068586	LPGX	04	.25-1	26	-	Md	-	BrBk	-
41H	873059	17	562979	5069100	MPS	04	.25-1	22	-	Md	-	BrBk	-
41H	873060	17	561154	5068561	MPS	04	1-5	10	-	Md	-	Br	-
41H	873062	17	562332	5058896	MPS	04	.25-1	13	10	Lw	-	Br	-
41H	873063	17	562332	5058896	MPS	04	.25-1	13	20	Lw	-	Br	-
41H	873065	17	564588	5059446	MPS	04	.25-1	3	-	Lw	-	Br	-
41H	873066	17	567826	5061046	LPGX	04	1-5	13	-	Lw	Ca	Br	-
41H	873067	17	566987	5063658	LPGX	04	.25-1	11	-	Lw	-	Br	-
41H	873068	17	566437	5065767	LPGX	04	1-5	18	-	Lw	-	GyBr	-

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	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2					20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA	wght	1-var rpt	wght rpt	ISE	LIF	AAS	AAS	Tit	GCN
41H	873024	124	17	16	15	9	<	178	1.0	<	2.88	60	14.2	4.3	280	23	0.6	0.2	<	10.0	-	-	40	<	1.4	0.32	<	4.8
41H	873025	146	32	54	16	11	0.3	386	2.0	<	1.78	195	39.4	2.0	135	33	1.3	0.2	<	10.0	-	-	30	<	3.2	0.56	4	5.7
41H	873027	142	29	28	11	6	<	244	1.0	<	2.46	160	52.4	3.9	70	24	0.9	0.2	<	10.0	-	-	50	<	2.2	0.36	1	5.4
41H	873028	145	32	44	17	7	<	177	2.0	<	1.42	170	49.8	2.2	70	27	1.2	0.3	<	10.0	-	-	30	<	2.0	0.40	2	5.5
41H	873029	145	26	46	5	10	<	205	1.0	<	1.46	165	40.0	2.3	150	18	1.8	0.2	<	10.0	-	-	30	<	2.0	0.52	2	5.6
41H	873030	125	19	14	16	6	<	132	<	<	1.02	140	32.0	2.3	140	10	1.3	<	<	10.0	-	-	30	<	2.4	0.48	3	5.6
41H	873031	40	3	6	6	4	<	78	<	<	0.73	25	2.6	1.6	285	6	0.2	<	<	10.0	1	10.0	30	<	2.6	0.52	3	5.7
41H	873032	309	50	28	23	30	<	2746	2.0	<	5.22	165	37.0	3.5	105	34	2.4	0.2	<	10.0	-	-	30	<	2.4	0.56	2	5.6
41H	873033	154	29	33	22	9	<	180	1.0	<	1.54	155	41.8	2.2	145	21	1.6	0.2	<	10.0	-	-	30	<	1.8	0.48	2	5.6
41H	873034	103	20	11	17	5	<	132	<	<	0.87	170	40.4	2.6	115	12	1.2	<	<	10.0	-	-	30	<	2.0	0.52	3	5.6
41H	873035	180	36	81	24	13	<	241	3.0	<	2.44	160	21.4	2.8	160	22	2.5	0.4	8	10.0	<	2.00	30	<	1.8	0.40	1	5.3
41H	873036	68	13	6	16	3	<	52	<	<	0.64	55	61.2	1.4	70	13	0.8	<	<	10.0	-	-	30	<	1.0	0.32	<	4.3
41H	873037	110	35	20	15	5	<	146	1.0	<	1.20	235	58.2	1.8	100	13	0.9	<	<	10.0	-	-	30	<	2.0	0.56	3	5.6
41H	873038	160	32	40	21	6	<	264	2.0	<	1.58	195	38.4	1.3	155	29	1.8	0.2	<	10.0	-	-	30	<	2.6	0.80	3	5.7
41H	873039	190	34	45	20	18	0.2	967	2.0	<	4.09	230	37.4	1.6	195	60	1.3	0.3	<	10.0	-	-	30	<	4.8	0.88	9	6.0
41H	873040	129	35	11	48	16	<	401	<	<	3.70	35	4.2	2.3	505	56	0.3	<	<	10.0	<	10.0	30	<	3.4	1.10	6	5.9
41H	873042	151	36	25	32	14	<	394	2.0	<	2.78	125	21.0	1.6	225	41	1.0	0.2	<	10.0	-	-	40	<	3.4	1.30	8	5.9
41H	873043	147	35	25	35	15	0.2	405	2.0	<	2.94	130	22.0	1.5	210	39	1.0	0.2	<	10.0	-	-	40	<	3.4	1.30	8	5.9
41H	873044	200	30	31	37	18	<	428	1.0	<	3.31	210	22.4	2.0	275	35	1.3	0.2	<	10.0	-	-	40	<	4.0	1.00	8	5.9
41H	873045	101	17	11	19	12	<	296	<	<	2.11	105	12.0	2.0	255	20	0.5	<	<	10.0	-	-	40	<	4.0	1.00	8	5.9
41H	873046	145	23	23	34	18	<	517	1.0	<	3.73	100	9.2	2.1	465	39	0.6	0.2	<	10.0	2	10.0	40	<	4.6	1.00	9	5.9
41H	873047	90	18	18	24	11	<	310	1.0	<	2.40	65	4.6	1.7	305	24	0.5	0.2	<	10.0	2	10.0	40	<	4.4	1.10	9	5.9
41H	873048	135	30	28	18	4	<	229	2.0	<	1.03	260	62.4	2.0	100	14	1.6	0.2	<	10.0	-	-	40	<	4.0	0.88	7	5.9
41H	873049	176	27	39	24	14	<	412	1.0	<	2.26	200	26.6	1.5	225	24	1.5	0.2	<	10.0	-	-	40	<	3.8	0.96	7	6.0
41H	873050	185	24	23	23	17	<	384	1.0	<	2.35	165	23.4	1.8	195	21	1.2	0.2	<	10.0	-	-	30	<	4.2	0.92	8	6.5
41H	873051	139	35	18	13	9	<	323	1.0	<	2.39	115	54.4	0.9	75	17	0.7	<	<	10.0	-	-	30	<	1.6	1.00	2	5.6
41H	873052	228	32	7	23	20	<	583	<	<	2.82	105	29.0	2.0	220	41	0.9	<	<	10.0	-	-	30	<	4.2	0.88	8	5.9
41H	873054	133	26	36	12	17	<	810	4.0	<	3.10	145	51.8	1.0	80	29	0.9	0.2	<	10.0	-	-	40	<	2.2	0.72	2	5.6
41H	873055	137	21	27	18	13	<	254	1.0	<	1.86	140	28.0	5.1	190	20	1.2	0.2	<	10.0	-	-	40	<	2.4	0.64	3	5.6
41H	873056	180	31	30	19	12	<	418	1.0	<	1.62	185	38.6	1.7	190	20	1.8	0.2	<	10.0	-	-	40	<	2.4	0.72	3	5.7
41H	873057	145	29	30	23	7	<	88	1.0	<	0.95	175	51.6	1.2	105	8	1.6	<	<	10.0	-	-	40	<	2.0	0.60	2	5.6
41H	873058	175	35	95	24	18	<	559	7.0	<	3.05	215	35.8	1.8	200	37	1.8	0.6	<	10.0	-	-	40	<	1.8	0.56	2	5.6
41H	873059	135	38	69	15	14	<	375	5.0	<	3.66	190	53.6	1.5	95	28	1.2	0.4	<	10.0	-	-	40	<	1.6	0.60	1	5.6
41H	873060	166	49	11	12	7	<	71	<	<	1.32	180	62.4	0.8	80	10	1.1	<	<	10.0	-	-	40	<	1.4	0.44	<	4.9
41H	873062	155	27	55	21	11	<	157	2.0	<	1.77	175	45.4	2.1	160	22	1.7	0.3	<	10.0	-	-	40	<	1.6	0.48	1	5.5
41H	873063	255	37	95	27	13	<	162	3.0	<	1.92	215	44.6	2.1	160	23	2.7	0.4	<	10.0	-	-	40	<	1.6	0.44	1	5.4
41H	873065	130	19	7	22	7	<	61	<	<	0.97	110	51.0	1.4	100	13	1.2	<	<	10.0	-	-	40	<	1.6	0.44	1	5.4
41H	873066	255	34	10	35	24	<	1720	2.0	3	3.97	90	27.2	5.9	220	48	2.8	<	<	10.0	-	-	40	<	2.0	0.52	2	5.7
41H	873067	113	21	38	16	9	<	247	2.0	<	1.26	125	33.8	1.9	180	14	1.3	0.2	<	10.0	-	-	40	<	2.0	0.52	2	5.6
41H	873068	149	19	42	17	13	<	382	2.0	<	2.35	95	18.8	1.9	205	28	1.7	0.3	<	10.0	-	-	30	<	3.8	0.84	6	5.8

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41H	873069	17	567925	5066282	LPGX	04	pond	7	-	Lw	-	Br	-
41H	873070	17	568336	5070381	LPGX	04	1-5	12	-	Lw	-	Br	-
41H	873071	17	565551	5073920	MPS	04	.25-1	12	-	Lw	-	Br	-
41H	873072	17	566680	5076696	MPS	04	.25-1	4	-	Lw	-	Br	-
41H	873073	17	564073	5078699	MPS	04	.25-1	4	-	Lw	-	Br	-
41H	873074	17	562416	5078629	MPS	04	1-5	11	-	Lw	-	Br	-
41H	873075	17	560594	5081486	MPS	04	>5	4	-	Md	-	Br	-
41H	873076	17	566078	5081332	MPS	04	.25-1	3	-	Md	-	Br	-
41H	873077	17	566271	5085019	MPS	04	1-5	9	-	Lw	-	Br	-
41H	873078	17	565165	5087676	MPS	04	.25-1	7	-	Md	-	GyBr	-
41H	873079	17	562375	5089769	MPS	04	>5	9	-	Md	-	GyBr	-
41H	873080	17	563447	5091174	MPS	04	.25-1	9	-	Md	-	GyBr	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41H	873069	113	18	11	15	8	<	145	<	<	1.13	165	35.6	2.3	215	14	1.0	<	<	10.0	-	-	30	<	2.4	0.72	3	5.7
41H	873070	154	29	36	25	27	<	617	2.0	<	3.42	120	33.8	2.1	260	37	0.9	0.2	<	10.0	-	-	30	0.07	2.0	0.60	3	5.6
41H	873071	124	24	27	16	13	<	313	1.0	<	1.68	195	42.6	1.5	170	28	1.0	0.2	<	10.0	-	-	30	0.07	2.0	0.60	3	5.7
41H	873072	135	20	11	17	8	<	177	<	<	1.17	150	30.8	1.5	160	14	1.1	<	<	10.0	-	-	30	<	2.6	0.72	3	5.8
41H	873073	134	23	11	15	10	<	164	<	<	0.94	170	30.4	1.2	135	16	0.7	0.2	<	10.0	-	-	30	<	2.4	0.64	3	5.7
41H	873074	169	29	40	25	14	<	387	2.0	<	2.05	165	31.0	1.9	245	25	1.5	0.3	<	10.0	-	-	40	0.07	2.0	0.68	3	5.7
41H	873075	117	32	39	23	10	<	192	2.0	<	1.10	180	42.4	1.3	150	17	1.8	0.2	<	10.0	-	-	30	<	4.0	0.84	8	6.0
41H	873076	123	28	8	17	6	<	64	<	<	0.67	185	45.6	1.1	115	12	0.9	<	<	10.0	-	-	30	<	2.0	0.72	2	5.4
41H	873077	147	24	31	16	11	<	262	2.0	<	1.59	150	34.6	1.2	145	30	1.2	0.2	<	10.0	-	-	30	<	2.2	0.76	3	5.7
41H	873078	92	23	18	17	9	<	200	<	<	1.50	115	24.6	1.6	195	17	0.7	<	<	10.0	-	-	30	0.06	3.6	1.10	6	5.9
41H	873079	217	26	24	33	26	<	774	2.0	<	3.27	210	21.4	2.2	215	33	1.1	0.2	<	10.0	-	-	30	<	4.0	0.92	7	5.9
41H	873080	153	34	39	21	8	<	372	2.0	<	2.34	185	45.6	1.1	110	31	0.8	0.2	<	10.0	-	-	30	0.06	2.0	0.80	4	5.8

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871002	17	493215	5141995	MPHL	04	1-5	6	-	Md	-	Gy	-
41I	871003	17	497815	5144506	MPHL	04	1-5	3	10	Md	-	GyBk	-
41I	871004	17	497815	5144506	MPHL	04	1-5	3	20	Md	-	GyBr	-
41I	871005	17	502148	5144613	MPHL	04	.25-1	4	-	Md	-	Br	-
41I	871006	17	505444	5146446	MPHL	04	>5	8	-	Md	-	Gy	-
41I	871007	17	509222	5144409	MPHL	04	.25-1	6	-	Md	-	Gy	-
41I	871008	17	516213	5152423	MPND	04	.25-1	1	-	Md	-	Br	-
41I	871009	17	516006	5154132	MPHL	04	pond	1	-	Md	-	Br	-
41I	871010	17	517143	5154989	MPHL	04	.25-1	3	-	Md	-	Gy	-
41I	871011	17	519860	5159023	MPHL	04	.25-1	1	-	Md	-	Br	-
41I	871013	17	522586	5166066	MPHL	04	pond	1	-	Md	-	Br	-
41I	871014	17	527405	5168263	MPHL	04	.25-1	12	-	Md	-	GnBr	-
41I	871015	17	530797	5169461	MPC	04	1-5	4	-	Md	-	Br	-
41I	871016	17	534328	5171321	MPC	04	>5	8	-	Md	-	GnGy	-
41I	871017	17	539726	5175642	MPC	04	1-5	13	-	Md	-	GnGy	-
41I	871018	17	545149	5182635	MPC	04	pond	5	-	Md	-	Br	-
41I	871019	17	545935	5183673	MPC	04	.25-1	2	-	Md	-	GyBr	-
41I	871020	17	546149	5188643	MPC	04	pond	5	-	Md	-	Br	-
41I	871022	17	550407	5189677	MPC	04	1-5	6	10	Md	-	Br	-
41I	871023	17	550407	5189677	MPC	04	1-5	6	20	Md	-	Br	-
41I	871024	17	550551	5192649	MPC	04	1-5	10	-	Md	-	GnGy	-
41I	871025	17	553920	5194877	MPND	04	.25-1	1	-	Md	-	Br	-
41I	871026	17	552248	5196190	AMVF	02	>5	3	-	Md	-	GnGy	-
41I	871027	17	554263	5197030	IF	02	.25-1	1	-	Md	-	Br	-
41I	871028	17	555438	5198581	IF	02	1-5	13	-	Md	-	Br	-
41I	871029	17	560079	5203467	MPND	04	1-5	20	-	Md	-	BrBk	-
41I	871030	17	563330	5204765	MPND	04	.25-1	23	-	Md	-	Br	-
41I	871031	17	565540	5203114	MPND	04	.25-1	12	-	Md	-	Br	-
41I	871032	17	564436	5200731	MPC	04	>5	12	-	Md	-	GyBr	-
41I	871033	17	560384	5199482	MPND	04	1-5	13	-	Md	-	GnBr	-
41I	871034	17	557096	5195328	AMVB	02	1-5	20	-	Md	-	GnBr	-
41I	871036	17	554237	5191554	MPND	04	.25-1	18	-	Md	-	GnBr	-
41I	871037	17	552041	5187671	AMVF	02	1-5	8	-	Md	-	GnBr	-
41I	871038	17	548932	5185567	MPND	04	.25-1	2	-	Md	-	Br	-
41I	871039	17	546368	5180860	MPC	04	1-5	3	-	Md	-	GnGy	-
41I	871040	17	546087	5178949	MPC	04	1-5	12	-	Md	-	GnGy	-
41I	871043	17	544126	5177798	MPC	04	1-5	10	10	Md	-	GnGy	-
41I	871044	17	544113	5177797	MPC	04	1-5	10	20	Md	-	GnGy	-
41I	871045	17	537647	5170724	MPC	04	1-5	10	-	Md	-	Br	-
41I	871046	17	534801	5167688	MPC	04	.25-1	3	-	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871002	740	3030	352	8000	240	5.5	211	250.0	7	5.86	155	10.8	3.8	115	36	23.7	2.8	368	10.0	370	10.0	320	<	140.0	16.80	35	7.0
41I	871003	188	1030	57	1450	48	0.9	228	17.0	<	3.32	85	10.8	2.1	150	29	2.6	0.3	22	10.0	-	-	80	<	21.0	5.60	31	6.2
41I	871004	202	1055	66	1375	49	0.9	232	14.0	<	3.41	75	11.0	2.2	110	32	2.5	0.4	23	10.0	22	10.0	70	<	21.0	5.60	31	6.2
41I	871005	121	54	5	51	13	<	65	<	<	0.56	50	72.4	2.0	60	17	0.8	<	<	10.0	-	-	50	<	2.8	0.80	6	5.8
41I	871006	137	249	29	341	20	0.2	234	6.0	<	3.17	85	11.6	2.1	90	32	0.7	0.3	<	10.0	-	-	60	<	15.6	4.60	23	6.1
41I	871007	133	135	16	238	26	<	208	3.0	<	2.78	90	14.4	3.3	120	31	0.6	0.2	<	10.0	-	-	40	<	4.2	1.20	<	4.5
41I	871008	219	2190	197	3280	103	1.5	103	117.0	<	1.88	305	58.0	5.3	95	17	6.3	0.6	28	10.0	-	-	50	<	5.2	2.92	11	5.9
41I	871009	42	42	9	119	12	<	89	3.0	<	0.92	55	11.6	1.7	85	14	0.4	<	<	10.0	-	-	60	<	20.0	6.20	27	6.1
41I	871010	27	35	22	84	4	0.2	17	17.0	2	0.48	50	19.2	<	80	17	0.4	0.2	<	10.0	-	-	780	<	240.0	12.00	34	6.4
41I	871011	20	48	9	68	7	<	111	5.0	<	1.42	25	4.0	1.0	90	16	<	<	<	10.0	<	10.0	80	<	5.8	1.56	13	6.2
41I	871013	92	576	103	656	21	0.3	83	12.0	<	1.09	160	45.2	0.9	75	14	2.9	0.3	7	10.0	-	-	60	<	5.0	1.08	3	5.7
41I	871014	101	44	10	41	8	<	183	2.0	<	1.21	115	43.6	4.7	85	17	0.6	0.2	<	10.0	-	-	50	<	6.4	2.48	15	6.1
41I	871015	81	42	7	36	6	<	105	2.0	<	1.11	155	33.6	1.8	100	31	0.5	<	<	10.0	-	-	50	<	5.4	1.32	5	5.8
41I	871016	172	99	5	52	13	<	140	<	<	0.88	60	54.2	2.6	95	17	1.0	0.2	<	10.0	-	-	40	<	4.0	1.00	2	5.5
41I	871017	106	41	10	46	29	<	309	2.0	<	3.73	65	11.0	1.8	260	44	<	<	<	10.0	-	-	40	<	3.6	1.00	1	5.5
41I	871018	139	45	7	30	5	<	47	<	<	0.28	115	58.6	0.8	50	15	1.1	0.2	<	10.0	-	-	40	<	3.0	0.64	2	5.5
41I	871019	62	21	8	27	10	<	118	<	<	1.67	30	8.0	1.0	165	22	<	<	<	10.0	<	10.0	40	<	6.2	1.36	11	6.0
41I	871020	154	41	14	28	4	<	81	3.0	<	1.16	175	38.0	3.1	85	30	0.8	0.2	<	10.0	-	-	40	<	11.2	3.24	29	6.2
41I	871022	157	78	9	30	10	0.2	80	2.0	3	0.62	195	56.0	3.0	60	21	0.8	0.2	<	10.0	-	-	50	<	7.0	1.28	10	6.0
41I	871023	151	74	9	28	9	0.2	78	2.0	3	0.51	175	55.6	3.0	50	19	0.8	0.2	<	10.0	-	-	40	<	7.2	1.36	10	6.0
41I	871024	78	67	10	28	10	<	328	5.0	<	1.08	60	14.4	3.3	115	20	0.6	<	10	10.0	12	10.0	40	<	6.8	1.36	7	5.9
41I	871025	62	37	8	24	3	<	27	1.0	<	0.24	115	42.4	0.7	35	10	0.6	<	<	10.0	-	-	40	<	3.8	0.88	3	5.7
41I	871026	170	76	4	47	6	<	70	1.0	2	1.10	75	47.0	2.3	50	17	0.7	<	<	10.0	-	-	30	<	7.6	1.48	8	5.9
41I	871027	158	82	11	58	17	0.3	68	1.0	<	0.73	155	56.0	1.0	50	15	1.1	0.2	<	10.0	-	-	40	<	4.0	0.88	<	4.8
41I	871028	124	86	7	19	6	0.2	129	1.0	<	0.58	130	34.8	1.7	55	19	0.8	0.2	<	10.0	-	-	30	<	5.4	1.16	7	6.2
41I	871029	158	77	17	26	18	0.2	446	2.0	<	2.70	150	31.0	1.5	65	35	0.8	0.2	<	10.0	-	-	30	<	3.0	0.68	2	5.6
41I	871030	132	80	43	28	28	0.3	328	4.0	<	1.38	225	48.4	1.4	70	41	0.9	0.2	<	10.0	-	-	30	<	3.0	0.64	2	5.6
41I	871031	163	83	8	23	7	<	115	1.0	<	0.47	210	53.6	1.7	65	26	1.0	0.2	<	10.0	-	-	30	<	4.8	1.16	6	5.9
41I	871032	154	178	6	64	11	<	146	3.0	3	1.10	55	53.2	5.2	100	16	0.7	0.3	<	10.0	-	-	30	<	5.2	1.08	6	5.9
41I	871033	99	49	12	28	11	<	333	2.0	<	1.33	140	26.2	2.2	95	22	0.6	<	<	10.0	-	-	30	<	5.0	1.12	7	5.9
41I	871034	189	118	7	41	12	<	118	2.0	<	0.77	160	48.0	2.6	70	20	1.2	0.2	<	10.0	-	-	30	<	5.0	1.12	7	5.9
41I	871036	117	110	15	23	8	<	164	1.0	2	0.64	200	47.0	1.4	70	28	1.3	0.2	<	10.0	-	-	40	<	5.2	1.00	6	5.9
41I	871037	121	185	6	41	8	<	104	2.0	5	1.04	75	41.0	6.2	70	24	0.9	0.3	2	10.0	-	-	30	0.08	8.2	1.28	13	6.1
41I	871038	67	39	9	26	5	<	73	1.0	<	0.45	105	48.0	1.0	40	15	0.9	<	<	10.0	-	-	30	<	5.4	1.20	4	5.7
41I	871039	68	36	18	39	11	<	235	2.0	<	2.18	60	10.0	2.1	175	26	0.5	0.2	1	10.0	1	10.0	40	<	10.2	2.80	28	6.2
41I	871040	102	53	12	32	9	<	231	1.0	2	1.06	85	32.4	2.0	120	20	0.5	0.2	<	10.0	-	-	40	<	6.8	1.96	13	6.1
41I	871043	104	65	7	42	10	<	140	<	<	1.21	45	28.6	2.3	140	15	0.3	<	<	10.0	-	-	50	<	4.8	1.24	4	5.8
41I	871044	105	58	7	39	9	<	137	<	<	1.17	35	29.0	2.5	155	15	0.2	<	<	10.0	-	-	50	<	5.0	1.28	4	5.8
41I	871045	79	53	9	23	16	<	301	1.0	2	1.15	185	39.2	1.8	80	39	0.6	<	<	10.0	-	-	50	<	3.6	1.04	4	5.8
41I	871046	159	89	16	78	12	<	56	2.0	2	0.66	235	55.8	1.7	75	16	1.0	<	<	10.0	-	-	50	<	3.6	0.96	3	5.7

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871047	17	532671	5165555	MPC	04	>5	10	-	Md	-	Br	-
41I	871048	17	521421	5160768	MPHL	04	.25-1	1	-	Md	-	GyBr	-
41I	871049	17	519430	5155978	MPND	04	.25-1	1	-	Md	-	Br	-
41I	871050	17	483224	5140017	MPVB	04	.25-1	1	-	Md	-	Br	-
41I	871051	17	477971	5140378	MPGF	04	1-5	2	-	Md	-	GyBr	-
41I	871052	17	471470	5140388	MPEL	04	.25-1	12	-	Md	-	Br	-
41I	871053	17	470240	5141429	MPSN	04	.25-1	2	-	Md	-	Br	-
41I	871054	17	467398	5139893	AMVB	02	.25-1	2	-	Md	-	Br	-
41I	871055	17	462050	5140850	MPB	04	.25-1	1	-	Md	-	GyBr	-
41I	871056	17	457653	5141770	MPEL	04	.25-1	1	-	Md	-	GyBr	-
41I	871057	17	454526	5140363	MPEL	04	.25-1	5	-	Md	-	Br	-
41I	871058	17	453837	5139442	MPEL	04	.25-1	8	-	Md	-	Br	-
41I	871059	17	444597	5139586	MPQL	04	.25-1	6	-	Md	-	Br	-
41I	871060	17	442026	5140519	MPHL	04	.25-1	4	-	Md	-	Br	-
41I	871062	17	439179	5138563	MPQL	04	.25-1	3	10	Md	-	GyBr	-
41I	871063	17	439179	5138563	MPHL	04	.25-1	3	20	Md	-	GyBr	-
41I	871064	17	436429	5139428	ACSP	02	.25-1	19	-	Md	-	Br	-
41I	871065	17	431969	5138294	MPB	04	.25-1	3	-	Md	-	Br	-
41I	871066	17	425924	5138249	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	871067	17	427051	5136478	MPB	04	.25-1	1	-	Md	-	Br	-
41I	871068	17	423453	5133671	ACSP	02	.25-1	13	-	Md	-	Br	-
41I	871069	17	427149	5134062	MPB	04	.25-1	11	-	Md	-	Br	-
41I	871071	17	428810	5134911	MPB	04	.25-1	17	-	Md	-	Br	-
41I	871072	17	432328	5135958	MPB	04	.25-1	1	-	Md	-	Br	-
41I	871073	17	434015	5136870	MPB	04	>5	7	-	Md	-	Br	-
41I	871074	17	440675	5136897	MPHL	04	.25-1	12	-	Md	-	GnBr	-
41I	871075	17	449242	5136841	MPEL	04	>5	10	-	Md	-	Br	-
41I	871076	17	452312	5137505	MPEL	04	1-5	1	-	Md	-	Br	-
41I	871077	17	454470	5137154	MPEL	04	>5	20	-	Md	-	Br	-
41I	871078	17	461129	5137015	MPEL	04	pond	1	-	Md	-	-	Lgt
41I	871079	17	467772	5137881	MPEL	04	.25-1	5	-	Md	-	Br	-
41I	871080	17	474404	5138810	MPEL	04	pond	3	-	Md	-	Br	-
41I	871082	17	476335	5138010	MPEL	04	>5	3	10	Md	-	BrBk	-
41I	871083	17	476335	5138010	MPEL	04	>5	3	20	Md	-	BrBk	-
41I	871084	17	471054	5136115	MPHL	04	.25-1	5	-	Md	-	GnGy	-
41I	871085	17	463782	5135287	MPND	04	.25-1	2	-	Md	-	Br	-
41I	871086	17	457870	5133201	MPEL	04	pond	10	-	Md	-	Bk	-
41I	871087	17	454176	5132352	MPEL	04	1-5	1	-	Md	-	GyBr	-
41I	871088	17	453341	5133390	MPEL	04	1-5	15	-	Md	-	Bk	-
41I	871089	17	446453	5134300	MPEL	04	>5	3	-	Md	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871047	94	36	10	29	22	<	486	3.0	<	4.39	70	15.2	3.5	115	42	<	<	<	10.0	-	-	50	<	4.4	1.04	4	5.9
41I	871048	32	82	16	118	13	<	124	3.0	<	1.54	55	9.2	1.2	125	17	<	0.2	<	10.0	3	10.0	50	<	3.6	0.88	2	5.6
41I	871049	67	107	15	217	16	<	166	4.0	<	2.01	130	17.6	3.9	155	26	0.4	<	2	10.0	-	-	50	<	10.2	2.24	23	6.2
41I	871050	90	204	38	262	13	<	84	6.0	<	1.00	215	51.6	3.4	120	14	2.0	0.3	3	10.0	-	-	50	<	3.4	1.12	7	5.9
41I	871051	823	383	401	455	46	2.4	347	70.0	2	3.46	650	3.6	2.1	190	25	3.1	3.3	62	10.0	63	10.0	50	<	9.2	2.32	18	6.1
41I	871052	164	99	37	174	24	0.2	439	5.0	<	3.02	210	20.4	2.4	180	40	1.2	0.2	3	10.0	-	-	50	<	6.4	1.40	12	6.1
41I	871053	173	382	71	335	19	0.5	153	9.0	<	1.63	290	57.0	1.9	125	21	2.1	0.3	7	10.0	-	-	40	<	5.4	0.84	8	5.9
41I	871054	98	71	25	70	8	0.4	155	2.0	<	2.28	115	22.2	6.3	170	24	1.5	0.2	<	10.0	-	-	40	<	6.8	1.56	14	6.6
41I	871055	87	28	20	31	11	<	329	3.0	<	2.09	110	7.2	2.2	170	27	0.6	0.2	<	10.0	2	10.0	60	<	7.8	2.36	21	6.1
41I	871056	53	8	9	14	6	<	169	1.0	<	1.39	85	7.0	3.0	130	22	<	<	<	10.0	<	10.0	50	<	7.8	2.60	22	6.2
41I	871057	250	43	9	30	19	<	233	4.0	2	1.61	80	47.6	3.9	140	36	1.8	<	<	10.0	-	-	40	<	2.8	0.72	1	5.5
41I	871058	150	29	11	23	5	<	77	1.0	2	0.49	125	62.2	2.0	60	21	1.2	<	<	10.0	-	-	30	<	1.8	0.40	<	4.9
41I	871059	167	30	18	23	7	<	81	1.0	<	0.55	365	51.6	2.5	95	13	1.9	<	<	10.0	-	-	30	<	4.8	1.32	12	6.0
41I	871060	126	26	24	28	10	<	133	1.0	2	1.65	100	20.6	8.9	135	25	1.0	<	<	10.0	-	-	40	0.07	7.0	2.16	21	6.2
41I	871062	112	31	17	24	8	<	104	1.0	<	0.73	95	32.0	6.7	90	24	1.2	<	<	10.0	-	-	50	<	6.2	1.52	15	6.1
41I	871063	101	28	13	23	8	<	111	1.0	<	0.72	90	31.0	7.0	110	25	0.9	<	<	10.0	-	-	40	<	6.2	1.52	15	6.1
41I	871064	169	41	31	12	9	<	891	3.0	5	2.00	170	60.0	22.1	75	33	1.2	0.2	<	10.0	-	-	40	0.10	3.6	0.72	6	5.9
41I	871065	45	26	21	12	3	<	41	1.0	<	0.45	145	43.0	39.1	110	15	0.9	0.2	<	10.0	-	-	40	0.12	2.4	0.68	4	5.8
41I	871066	134	26	19	14	4	<	70	1.0	<	0.47	225	55.6	2.6	70	14	1.0	0.2	<	10.0	-	-	40	<	2.0	0.56	3	5.7
41I	871067	53	32	22	12	2	<	23	1.0	<	0.41	175	52.6	5.1	90	15	0.8	0.2	<	10.0	-	-	40	<	1.8	0.68	1	4.9
41I	871068	134	39	35	22	10	<	316	2.0	<	2.27	140	20.6	14.4	155	40	0.8	0.3	<	10.0	-	-	40	<	2.6	0.64	4	5.8
41I	871069	131	33	48	22	6	<	81	2.0	<	0.88	190	36.4	2.4	115	20	1.9	0.2	<	10.0	-	-	40	<	1.6	0.40	1	5.3
41I	871071	123	25	53	22	8	<	159	3.0	<	1.36	180	19.8	2.0	175	20	1.3	0.3	<	10.0	-	-	50	<	2.4	0.64	3	5.7
41I	871072	68	15	24	16	5	<	90	<	<	1.04	95	18.2	1.8	145	11	0.7	0.2	<	10.0	-	-	40	<	2.6	0.68	4	5.7
41I	871073	99	21	23	19	11	<	361	1.0	<	2.87	85	9.8	7.5	195	31	0.4	0.2	<	10.0	-	-	60	0.15	5.2	1.20	12	6.0
41I	871074	149	39	25	27	13	<	178	2.0	<	1.07	175	39.4	3.3	140	26	1.3	0.2	<	10.0	-	-	40	<	2.2	0.40	1	5.0
41I	871075	86	24	20	34	12	<	412	2.0	<	3.07	90	6.2	3.5	230	34	<	0.2	<	10.0	1	10.0	50	0.15	5.4	1.24	11	6.0
41I	871076	76	15	12	27	11	<	293	<	<	2.33	60	6.4	2.1	230	24	<	<	3	10.0	<	10.0	50	0.12	5.4	1.24	10	6.0
41I	871077	51	9	9	17	6	<	180	1.0	<	1.72	35	3.6	1.9	140	24	<	<	<	10.0	-	-	60	0.13	5.2	1.12	9	6.0
41I	871078	97	49	44	64	14	<	242	2.0	<	2.95	90	14.4	1.5	275	36	0.4	0.2	<	10.0	-	-	70	<	3.0	1.04	5	5.8
41I	871079	171	49	8	56	11	0.3	173	1.0	<	2.00	210	29.2	2.2	155	22	1.0	<	<	10.0	-	-	50	<	8.0	1.92	17	6.1
41I	871080	222	196	36	1935	84	<	215	8.0	<	3.32	110	14.2	2.6	265	31	2.3	0.2	<	10.0	-	-	70	<	57.0	2.72	40	6.4
41I	871082	458	280	239	398	38	1.5	322	40.0	<	3.08	525	5.2	2.0	165	30	1.7	1.4	31	10.0	-	-	50	<	9.2	2.08	17	6.5
41I	871083	353	189	173	255	27	1.1	299	34.0	<	3.04	430	5.2	2.2	210	31	1.2	1.2	18	10.0	22	10.0	60	<	9.8	2.12	17	6.2
41I	871084	152	121	43	117	18	<	305	7.0	<	3.68	180	19.4	2.2	285	50	0.9	0.3	<	10.0	-	-	50	<	5.0	1.60	11	6.1
41I	871085	165	48	12	45	9	<	117	<	<	1.08	125	55.6	2.0	110	18	1.0	<	<	10.0	-	-	50	<	2.4	1.20	7	5.9
41I	871086	193	84	9	26	4	<	158	<	<	1.08	235	65.4	1.8	125	14	1.3	0.2	<	10.0	-	-	40	<	2.6	1.00	7	5.9
41I	871087	75	24	17	28	7	<	233	1.0	<	1.79	70	11.8	4.2	150	22	0.4	<	<	10.0	-	-	50	<	5.4	1.72	14	6.1
41I	871088	116	36	30	41	15	<	996	3.0	<	3.58	100	11.2	3.9	160	45	0.4	0.2	<	10.0	-	-	60	<	6.8	2.20	19	6.2
41I	871089	114	32	38	33	12	<	445	3.0	<	2.80	100	15.4	5.4	170	41	0.8	0.2	<	10.0	-	-	50	0.14	4.8	1.20	9	6.0

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871090	17	440610	5135321	MPQL	04	1-5	5	-	Md	-	GnGy	-
41I	871091	17	439090	5135000	MPQL	04	1-5	12	-	Md	-	GnGy	-
41I	871093	17	434473	5134336	MPHL	04	>5	4	-	Md	-	GyBr	-
41I	871094	17	432180	5134422	MPB	04	>5	10	-	Md	-	GnGy	-
41I	871095	17	430641	5131633	ACSP	02	1-5	10	-	Md	-	GnBr	-
41I	871096	17	427150	5131520	ACSP	02	1-5	8	-	Md	-	GnBr	-
41I	871097	17	429733	5127784	ACSP	02	1-5	8	-	Md	-	GnBr	-
41I	871098	17	424454	5129296	ACSP	02	>5	25	-	Md	-	GnGy	-
41I	871099	17	423621	5126577	ACSP	02	>5	10	-	Md	-	GnGy	-
41I	871100	17	424002	5120580	MPEL	04	1-5	5	-	Md	-	GnBr	-
41I	871102	17	423523	5113651	MPHL	04	1-5	10	10	Md	-	Gy	-
41I	871103	17	423561	5113638	MPHL	04	1-5	10	20	Md	-	Gy	-
41I	871104	17	423116	5110953	MPQL	04	>5	5	-	Md	-	GnGy	-
41I	871105	17	423129	5106943	MPC	04	>5	5	-	Md	-	Gy	-
41I	871106	17	428550	5099564	MPHL	04	>5	10	-	Lw	-	Gy	-
41I	871107	17	427196	5095497	OSCP	19	1-5	4	-	Lw	-	Gy	-
41I	871108	17	430389	5095778	OSCP	19	1-5	1	-	Lw	-	Br	Hvy
41I	871109	17	435587	5095729	MPC	04	1-5	8	-	Lw	-	Gy	-
41I	871110	17	437850	5095059	OSCP	19	.25-1	4	-	Lw	-	Br	-
41I	871111	17	441374	5096704	OSCP	19	.25-1	1	-	Lw	-	Gy	-
41I	871112	17	436706	5100441	OSCP	19	>5	5	-	Lw	-	Gy	-
41I	871113	17	434665	5099678	OSCP	19	1-5	18	-	Lw	-	Bk	-
41I	871115	17	432069	5098056	OSCP	19	1-5	4	-	Lw	-	GnGy	-
41I	871116	17	430100	5106134	MPC	04	1-5	11	-	Md	-	Br	-
41I	871117	17	426380	5107300	MPC	04	1-5	11	-	Md	-	Bk	-
41I	871118	17	425613	5110205	MPC	04	1-5	1	-	Md	-	Br	-
41I	871119	17	428730	5111828	MPQL	04	1-5	12	-	Md	-	Br	-
41I	871120	17	426188	5113143	MPHL	04	1-5	7	-	Md	-	Br	-
41I	871122	17	430432	5115003	MPHL	04	1-5	3	10	Md	-	Br	-
41I	871123	17	430432	5115003	MPHL	04	1-5	3	20	Md	-	Br	-
41I	871124	17	428496	5118663	MPHL	04	.25-1	5	-	Md	-	Br	-
41I	871125	17	434505	5122915	MPND	04	pond	10	-	Md	-	Br	-
41I	871126	17	432127	5124857	MPEL	04	.25-1	4	-	Md	-	Br	-
41I	871127	17	434015	5126193	MPND	04	1-5	20	-	Md	-	BrBk	-
41I	871128	17	435716	5130645	ACSP	02	>5	5	-	Md	-	Br	-
41I	871129	17	437821	5130117	MPVB	04	.25-1	1	-	Md	-	BrBk	-
41I	871130	17	439293	5127160	MPND	04	.25-1	3	-	Md	-	Br	-
41I	871131	17	443122	5132221	MPEL	04	>5	10	-	Md	-	Br	-
41I	871132	17	446289	5129662	MPEL	04	1-5	1	-	Md	-	Br	-
41I	871133	17	448571	5129729	MPND	04	1-5	5	-	Md	-	GyBr	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871090	158	33	40	39	15	<	199	3.0	<	2.29	110	19.0	3.2	210	30	0.8	0.2	<	10.0	-	-	40	<	2.8	0.60	1	5.5
41I	871091	176	41	54	34	19	<	267	3.0	<	1.87	165	32.2	3.3	185	31	1.5	0.2	<	10.0	-	-	40	<	2.6	0.48	1	5.1
41I	871093	58	10	16	11	6	<	300	1.0	<	2.15	85	11.2	2.3	85	24	0.2	<	<	10.0	-	-	40	0.14	5.0	1.32	11	6.1
41I	871094	99	24	31	19	11	<	365	2.0	<	2.63	85	9.2	7.4	190	40	0.5	<	<	10.0	<	10.0	60	0.17	5.0	1.20	11	6.0
41I	871095	238	52	93	32	9	<	166	5.0	<	1.70	245	37.0	4.9	150	38	1.9	0.4	<	10.0	-	-	40	<	3.6	0.84	5	5.8
41I	871096	142	38	30	19	7	<	136	2.0	<	0.88	220	30.0	6.4	100	15	0.9	<	<	10.0	-	-	40	0.07	3.4	0.76	5	5.8
41I	871097	118	29	31	12	5	<	152	2.0	<	0.89	210	41.6	10.8	90	35	1.0	0.2	<	10.0	-	-	40	0.10	2.8	0.60	2	5.6
41I	871098	103	21	36	18	12	<	289	3.0	<	2.25	105	10.8	4.8	205	39	0.5	0.2	<	10.0	-	-	40	0.07	3.4	0.96	7	5.9
41I	871099	48	10	11	11	8	<	179	1.0	<	1.62	45	4.0	3.0	175	20	<	<	<	10.0	<	10.0	40	0.07	3.4	1.00	6	5.9
41I	871100	168	40	13	30	12	<	267	1.0	<	2.10	170	43.0	5.3	145	25	0.6	0.2	<	10.0	-	-	30	<	4.8	2.40	19	6.1
41I	871102	92	45	13	45	13	<	363	1.0	<	3.56	35	2.8	2.8	400	64	<	0.2	<	10.0	2	5.00	50	<	3.8	0.96	5	5.8
41I	871103	74	32	9	33	15	<	253	2.0	<	2.60	35	3.4	2.6	200	36	<	<	<	10.0	-	-	40	<	3.2	0.80	5	5.8
41I	871104	155	31	18	49	21	<	437	3.0	<	4.10	140	10.0	3.3	250	41	0.5	<	1	10.0	-	-	40	<	4.6	1.56	10	6.0
41I	871105	83	38	14	46	20	<	542	2.0	<	3.82	30	3.4	2.5	245	46	<	<	<	10.0	-	-	40	<	4.6	1.48	9	6.0
41I	871106	51	28	13	29	12	<	358	5.0	<	2.74	15	2.6	2.1	340	32	<	0.2	<	10.0	<	10.0	60	0.14	23.0	5.20	64	6.6
41I	871107	32	11	21	3	<	<	164	1.0	6	0.17	25	10.2	0.5	125	34	0.8	<	<	10.0	-	-	40	<	45.0	9.00	133	7.3
41I	871108	88	20	24	15	3	<	144	2.0	4	0.75	40	34.6	1.4	130	28	1.0	<	<	10.0	-	-	60	<	72.0	10.40	184	7.3
41I	871109	36	13	8	17	9	<	170	2.0	<	1.73	25	2.6	1.5	175	18	<	<	<	10.0	<	10.0	50	<	39.0	7.20	108	6.9
41I	871110	98	21	2	9	5	<	65	<	<	0.50	30	84.0	0.7	65	5	0.3	<	<2	5.00	-	-	50	<	31.0	8.20	83	6.7
41I	871111	35	12	15	5	<	<	80	1.0	5	0.20	20	11.8	0.6	170	36	0.7	<	<	10.0	-	-	50	<	32.0	14.00	104	7.0
41I	871112	56	20	14	33	9	<	113	2.0	<	1.58	45	3.0	1.7	185	12	0.2	<	<	10.0	<	10.0	50	0.11	21.0	4.60	57	6.5
41I	871113	158	51	29	36	15	<	484	3.0	<	3.68	100	39.2	2.7	285	36	0.9	0.3	<	10.0	-	-	40	<	40.0	6.80	112	7.1
41I	871115	56	18	9	10	4	<	213	<	4	0.92	35	31.6	1.6	175	36	0.6	<	<	10.0	-	-	50	<	3.2	5.60	83	6.7
41I	871116	155	48	23	21	19	<	434	4.0	<	0.98	120	29.8	2.4	90	21	1.5	0.2	<	10.0	-	-	40	<	2.6	0.68	3	5.7
41I	871117	244	173	37	27	45	<	404	7.0	<	4.28	245	32.2	2.8	75	39	1.6	0.3	<	10.0	-	-	40	<	2.2	0.60	3	5.6
41I	871118	137	29	30	27	12	<	272	2.0	<	2.12	125	25.2	2.7	170	21	1.5	0.2	<	10.0	-	-	40	0.10	5.2	2.24	16	6.1
41I	871119	162	33	19	38	12	<	265	2.0	<	2.78	125	39.4	2.9	220	31	0.6	0.2	<	10.0	-	-	50	<	3.6	1.28	7	5.9
41I	871120	194	39	26	52	19	<	492	5.0	<	3.95	170	21.2	3.4	150	35	0.8	<	<	10.0	-	-	50	<	2.6	1.44	8	5.9
41I	871122	135	36	13	43	13	<	250	2.0	<	1.38	90	21.0	4.9	180	26	0.7	<	1	10.0	-	-	60	<	3.2	1.08	6	6.6
41I	871123	136	45	10	48	17	<	249	2.0	<	1.59	65	24.8	5.8	180	30	0.7	0.2	<	10.0	-	-	40	<	3.2	1.04	5	5.7
41I	871124	191	35	30	32	12	<	389	3.0	<	1.84	220	29.4	3.5	210	26	1.8	0.2	4	10.0	-	-	40	<	10.4	3.32	36	6.3
41I	871125	257	49	8	20	4	<	127	2.0	<	0.90	180	54.2	1.4	80	15	2.0	<	1	10.0	-	-	40	<	7.2	1.52	20	6.2
41I	871126	186	47	20	36	8	<	96	3.0	<	1.12	205	53.6	2.4	130	22	1.1	0.2	2	10.0	-	-	40	<	3.2	1.28	7	5.9
41I	871127	193	79	53	39	15	<	469	7.0	<	2.14	180	27.0	5.1	175	47	1.7	0.3	3	10.0	-	-	40	<	3.8	1.28	8	5.9
41I	871128	42	11	18	14	5	<	92	1.0	<	0.81	80	11.6	2.3	115	11	0.2	<	<	10.0	-	-	50	0.14	4.8	1.20	10	6.0
41I	871129	27	22	9	12	4	<	64	1.0	<	0.76	90	11.4	5.8	180	11	0.3	<	6	10.0	<	10.0	40	<	3.4	0.68	3	5.5
41I	871130	106	33	21	23	8	<	134	2.0	<	1.36	120	24.4	2.0	150	21	0.9	<	<	10.0	-	-	40	<	8.0	1.72	20	6.1
41I	871131	83	31	29	27	12	<	344	3.0	<	1.98	60	7.8	4.3	180	36	0.3	<	4	10.0	2	10.0	50	0.14	4.8	1.28	10	6.0
41I	871132	48	37	24	26	2	<	53	2.0	<	0.46	210	57.0	3.8	90	13	1.4	<	<	10.0	-	-	50	<	3.6	1.40	8	5.9
41I	871133	79	52	10	39	16	<	320	6.0	<	2.30	60	9.6	4.0	300	40	<	<	<	10.0	1	10.0	40	<	3.2	0.68	4	5.7

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871134	17	448102	5132511	MPEL	04	.25-1	4	-	Md	-	Br	-
41I	871135	17	457506	5131603	MPEL	04	1-5	20	-	Md	-	Br	-
41I	871136	17	462368	5131684	MPHL	04	.25-1	5	-	Md	-	Br	-
41I	871137	17	467177	5135408	MPHL	04	.25-1	1	-	Md	-	Br	-
41I	871138	17	478739	5141514	MPGF	04	.25-1	4	-	Md	-	Br	-
41I	871139	17	475730	5141244	MPGF	04	.25-1	10	-	Md	-	BrBk	-
41I	871142	17	468161	5143324	MPSG	04	1-5	10	10	Md	-	Br	-
41I	871143	17	468161	5143324	MPSG	04	1-5	10	20	Md	-	Br	-
41I	871144	17	466691	5145136	MPSG	04	1-5	20	-	Md	-	Bk	-
41I	871145	17	464952	5146023	MPSG	04	.25-1	6	-	Md	-	Br	-
41I	871146	17	455890	5144196	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	871147	17	444852	5143022	MPHL	04	1-5	2	-	Md	-	Br	-
41I	871149	17	440913	5143790	MPHL	04	pond	2	-	Md	-	Br	-
41I	871150	17	439300	5145280	MPQL	04	pond	1	-	Md	-	Br	-
41I	871151	17	438000	5142600	MPQL	04	.25-1	15	-	Md	-	Br	-
41I	871152	17	435645	5142524	ACSP	02	1-5	13	-	Md	-	Br	-
41I	871153	17	431703	5144372	ACSP	02	1-5	12	-	Md	-	GnBr	-
41I	871154	17	430834	5141966	ACSP	02	1-5	18	-	Md	-	GnBr	-
41I	871155	17	432616	5140150	ACSP	02	1-5	10	-	Md	-	GnBr	-
41I	871156	17	423372	5141229	ACSP	02	1-5	10	-	Md	-	GnBr	-
41I	871157	17	423555	5144449	ACSP	02	.25-1	11	-	Md	-	GnBr	-
41I	871158	17	428186	5147507	ACSP	02	.25-1	3	-	Md	-	GnBr	-
41I	871159	17	424842	5149401	ACSP	02	.25-1	5	-	Md	-	GnBr	-
41I	871160	17	424270	5153410	ACSP	02	.25-1	4	-	Md	-	GnBr	-
41I	871162	17	425727	5156301	ACSP	02	.25-1	11	10	Md	-	GnBr	-
41I	871163	17	425727	5156301	ACSP	02	.25-1	11	20	Md	-	GnBr	-
41I	871164	17	428437	5157203	ACSP	02	1-5	2	-	Md	-	GnGy	-
41I	871165	17	431978	5155314	ACSP	02	.25-1	3	-	Md	-	GnBr	-
41I	871166	17	428196	5155235	ACSP	02	.25-1	10	-	Md	-	GnBr	-
41I	871167	17	428581	5150332	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871168	17	430790	5152630	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871169	17	432579	5147663	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871170	17	436514	5148395	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871171	17	437501	5147235	ACSP	02	.25-1	10	-	Md	-	GnBr	-
41I	871172	17	436153	5150508	ACSP	02	.25-1	2	-	Md	-	GnBr	-
41I	871174	17	438973	5151066	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871175	17	442273	5152472	ACSP	02	.25-1	2	-	Md	-	GnBr	-
41I	871176	17	446448	5147710	ACSP	02	.25-1	2	-	Md	-	GnBr	-
41I	871177	17	448828	5149397	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871178	17	453513	5148807	ACSP	02	1-5	1	-	Md	-	Br	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871134	191	54	8	33	21	<	137	2.0	<	1.04	90	50.2	5.3	90	18	1.0	<	<	10.0	-	-	40	<	2.6	0.64	1	5.2
41I	871135	167	51	18	52	15	<	359	3.0	<	2.35	125	25.6	3.2	215	45	0.9	<	<	10.0	-	-	40	<	3.4	1.04	5	5.8
41I	871136	137	49	23	63	16	<	255	3.0	<	2.72	120	16.0	2.6	240	46	0.6	0.2	<	10.0	-	-	40	<	7.8	4.20	17	6.1
41I	871137	74	50	23	47	5	0.3	106	2.0	<	0.89	145	37.0	2.6	185	16	0.7	0.2	<	10.0	-	-	50	<	2.0	0.84	3	5.5
41I	871138	155	927	35	770	38	0.6	270	9.0	<	3.33	155	10.0	4.2	230	36	0.5	0.3	3	10.0	-	-	90	<	12.4	4.00	15	6.1
41I	871139	243	329	67	809	45	0.6	318	9.0	2	2.58	230	34.0	7.8	250	29	2.6	0.4	7	10.0	-	-	140	<	83.0	4.00	44	6.5
41I	871142	226	125	74	111	14	0.3	599	15.0	<	2.93	245	24.8	2.3	230	39	2.8	0.7	3	10.0	-	-	70	<	4.4	1.08	7	5.9
41I	871143	222	118	66	106	13	0.3	579	11.0	<	2.73	250	24.2	2.3	280	40	2.7	0.7	3	10.0	-	-	60	<	4.4	1.04	7	5.9
41I	871144	224	92	35	64	12	0.5	423	18.0	3	4.81	190	18.4	3.9	255	46	2.5	0.8	1	10.0	-	-	50	<	7.0	1.64	13	6.1
41I	871145	225	48	39	51	8	0.2	208	8.0	<	1.11	210	64.4	1.3	100	14	3.0	0.4	<	10.0	-	-	50	<	2.6	0.44	5	5.7
41I	871146	167	47	7	17	4	<	89	2.0	<	0.93	180	58.8	1.6	125	29	1.4	<	<	10.0	-	-	50	<	1.8	0.48	2	5.5
41I	871147	128	29	17	19	5	<	52	1.0	<	0.39	150	48.8	8.4	90	21	1.4	<	<	10.0	-	-	40	<	4.4	0.60	3	5.6
41I	871149	163	44	32	30	11	<	166	2.0	<	0.89	125	50.0	5.0	95	20	1.5	0.2	<	10.0	-	-	50	<	2.4	0.64	4	5.8
41I	871150	59	20	21	18	4	0.3	73	1.0	<	0.65	180	39.2	7.9	120	10	0.7	0.2	<	10.0	-	-	50	<	5.0	0.96	7	5.7
41I	871151	189	47	41	23	11	0.3	687	7.0	<	2.14	235	49.8	4.2	100	28	1.5	0.3	<	10.0	-	-	40	<	3.8	0.56	7	5.8
41I	871152	226	42	43	27	6	0.2	92	3.0	<	0.84	205	52.0	14.4	100	30	2.0	0.3	1	10.0	-	-	30	<	1.6	0.40	2	5.5
41I	871153	177	44	74	33	10	0.2	368	6.0	<	2.54	155	23.8	9.0	235	38	1.3	0.4	<	10.0	-	-	40	0.06	3.0	0.84	5	5.8
41I	871154	169	53	82	33	12	0.4	477	8.0	<	2.57	150	24.4	10.4	200	47	1.3	0.5	<	10.0	-	-	40	<	2.6	0.68	4	5.7
41I	871155	154	30	38	29	11	<	318	2.0	<	2.42	140	22.2	10.5	135	33	0.8	0.2	1	10.0	-	-	40	0.07	2.6	0.72	4	5.8
41I	871156	152	24	23	30	15	0.2	550	2.0	<	3.50	90	13.8	7.3	160	40	0.6	0.2	<	10.0	-	-	30	<	2.8	0.68	4	5.7
41I	871157	134	36	35	17	6	<	176	2.0	<	1.22	90	30.6	22.9	115	21	0.7	0.2	2	10.0	-	-	40	<	2.0	0.40	2	5.6
41I	871158	128	17	12	11	7	<	75	1.0	<	0.70	85	46.0	30.3	100	18	0.9	<	<	10.0	-	-	50	<	1.4	0.36	2	5.5
41I	871159	169	29	32	16	6	0.4	153	2.0	2	1.18	165	48.8	35.5	100	29	1.1	0.2	<	10.0	-	-	50	0.55	3.2	0.92	6	5.8
41I	871160	107	21	28	16	4	<	69	2.0	<	0.66	150	29.6	12.5	105	12	0.9	0.2	<	10.0	-	-	40	0.13	2.4	0.56	2	5.3
41I	871162	140	18	9	10	5	<	149	<	<	0.75	60	40.6	24.3	110	14	1.3	<	<	10.0	-	-	60	<	1.6	0.48	2	5.6
41I	871163	98	17	9	10	5	<	143	<	<	0.56	60	42.0	18.9	115	15	1.0	<	2	10.0	-	-	50	<	1.6	0.44	2	5.6
41I	871164	112	8	13	12	5	<	63	1.0	<	1.20	30	5.0	4.4	130	21	0.5	<	2	10.0	2	10.0	30	<	1.2	0.28	<	4.2
41I	871165	208	28	6	14	13	0.2	78	<	3	1.77	85	54.6	34.5	125	27	0.9	<	<	10.0	-	-	50	0.13	3.0	0.84	4	5.7
41I	871166	59	12	17	9	4	<	123	1.0	<	0.65	115	10.0	23.5	160	15	0.4	0.5	2	10.0	-	-	70	0.48	3.8	1.36	9	6.0
41I	871167	81	20	20	19	3	<	38	1.0	<	0.40	120	37.6	60.7	105	11	0.8	<	2	10.0	-	-	60	0.42	2.4	0.48	<	4.9
41I	871168	94	18	13	16	6	<	49	1.0	<	0.48	85	37.6	38.7	105	15	0.6	<	1	10.0	-	-	70	0.22	2.2	0.60	1	5.0
41I	871169	125	24	29	20	7	<	145	3.0	<	0.94	155	43.2	11.1	145	18	1.1	0.2	1	10.0	-	-	50	0.18	3.6	0.80	5	5.8
41I	871170	81	19	12	13	3	<	41	1.0	<	0.31	160	46.4	61.5	95	6	0.8	<	2	10.0	-	-	40	0.19	2.8	0.68	4	5.7
41I	871171	162	36	35	16	7	0.3	406	4.0	7	1.75	180	52.6	30.8	70	31	1.1	<	2	10.0	-	-	40	0.18	3.2	0.60	5	5.8
41I	871172	156	42	5	14	7	0.3	75	<	4	0.45	90	66.4	26.7	70	14	1.0	<	<	10.0	-	-	50	0.08	2.6	0.60	2	5.5
41I	871174	58	19	16	14	4	<	136	<	<	0.72	125	23.2	45.0	130	15	0.9	<	2	10.0	-	-	70	0.33	6.6	1.32	15	6.9
41I	871175	199	35	25	24	5	0.2	55	2.0	2	0.46	150	54.0	16.1	100	24	1.5	<	3	10.0	-	-	40	<	2.6	0.52	1	5.2
41I	871176	191	45	42	30	9	0.3	147	5.0	<	1.43	205	50.0	4.0	70	46	1.3	0.2	3	10.0	-	-	40	<	3.8	1.00	7	5.9
41I	871177	110	19	17	25	15	<	213	2.0	<	2.20	90	8.4	10.7	115	32	0.8	<	<	10.0	3	10.0	50	0.20	7.6	1.32	19	6.1
41I	871178	78	27	21	31	5	0.2	128	1.0	<	0.95	105	27.4	6.7	100	16	0.8	<	2	10.0	-	-	40	<	4.2	1.28	8	5.9

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871179	17	456874	5148724	ACSP	02	1-5	1	-	Md	-	GnBr	-
41I	871180	17	461374	5148040	MPSG	04	1-5	4	-	Md	-	GnBr	-
41I	871182	17	463599	5147447	MPSG	04	1-5	14	10	Md	-	Bk	-
41I	871183	17	463599	5147434	MPSG	04	1-5	14	20	Md	-	Bk	-
41I	871184	17	471950	5144146	MPSG	04	1-5	10	-	Md	-	GnBr	-
41I	871185	17	476578	5142908	MPSN	04	.25-1	11	-	Md	-	Bk	-
41I	871186	17	479000	5137000	MPEL	04	>5	8	-	Md	-	BrBk	-
41I	871187	17	474587	5135312	MPND	04	.25-1	1	-	Md	-	Br	-
41I	871188	17	470225	5132500	MPHL	04	>5	4	-	Md	-	Gy	-
41I	871189	17	459045	5129046	MPHL	04	>5	4	-	Md	-	Gy	-
41I	871190	17	455438	5128050	MPHL	04	>5	7	-	Md	-	Gy	-
41I	871191	17	452655	5127467	MPHL	04	.25-1	13	-	Md	-	Gy	-
41I	871192	17	449993	5126932	MPND	04	.25-1	14	-	Md	-	Br	-
41I	871193	17	440905	5120313	MPQL	04	.25-1	13	-	Md	-	Gy	-
41I	871194	17	440259	5117796	MPHL	04	1-5	18	-	Md	-	Gy	-
41I	871195	17	436181	5119436	MPHL	04	.25-1	2	-	Md	-	Gy	-
41I	871196	17	437770	5115391	MPC	04	.25-1	7	-	Md	-	Gy	-
41I	871198	17	434306	5112742	MPC	04	pond	2	-	Md	-	Gy	-
41I	871199	17	431988	5110234	MPQL	04	1-5	10	-	Md	-	Gy	-
41I	871200	17	433798	5108730	MPC	04	1-5	11	-	Md	-	-	-
41I	871202	17	435974	5107000	MPC	04	>5	7	10	Md	-	Gy	-
41I	871203	17	435974	5107000	MPC	04	>5	7	20	Md	-	Gy	-
41I	871204	17	437901	5107179	MPC	04	1-5	22	-	Md	-	GyBr	-
41I	871205	17	440509	5107402	MPC	04	.25-1	11	-	Md	-	GyBr	-
41I	871206	17	439687	5108465	MPC	04	.25-1	17	-	Md	-	BrBk	-
41I	871207	17	438902	5109451	LPAD	04	1-5	7	-	Md	-	Gy	-
41I	871208	17	437990	5113864	MPC	04	>5	10	-	Md	-	Gy	-
41I	871209	17	442163	5118191	MPHL	04	.25-1	9	-	Md	-	GyBr	-
41I	871210	17	440707	5112860	MPC	04	>5	13	-	Md	-	Gy	-
41I	871212	17	441090	5109627	MPC	04	1-5	6	-	Md	-	GyBr	-
41I	871213	17	444677	5109892	MPC	04	>5	8	-	Md	-	Gy	-
41I	871214	17	446577	5106551	MPC	04	.25-1	4	-	Md	-	GyBr	-
41I	871215	17	446666	5103836	MPHL	04	>5	7	-	Md	-	Gy	-
41I	871216	17	441726	5102383	MPHL	04	.25-1	7	-	Md	-	Gy	-
41I	871217	17	450395	5095666	MPC	04	>5	17	-	Md	-	Gy	-
41I	871218	17	453100	5094757	MPC	04	.25-1	4	-	Md	-	GyBr	-
41I	871219	17	454945	5095636	MPC	04	.25-1	16	-	Md	-	GyBr	-
41I	871220	17	456860	5097118	MPC	04	>5	13	-	Md	-	Gy	-
41I	871222	17	462471	5094980	MPC	04	>5	4	10	Md	-	Gy	-
41I	871223	17	462457	5094942	MPC	04	>5	4	20	Md	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871179	176	51	27	39	9	<	101	5.0	<	0.90	60	42.2	1.5	115	32	1.1	<	4	10.0	-	-	40	<	2.6	0.80	1	5.2
41I	871180	202	36	6	26	7	0.2	330	1.0	<	1.48	145	56.4	1.4	70	18	1.2	<	<	10.0	-	-	40	<	4.4	1.00	9	5.9
41I	871182	182	62	31	60	18	0.5	841	11.0	<	4.64	240	7.0	2.6	240	56	1.1	0.6	1	10.0	-	-	60	<	6.2	2.04	16	6.1
41I	871183	180	60	31	67	19	0.4	791	10.0	<	4.59	240	8.0	3.0	200	53	1.2	0.5	5	10.0	7	10.0	50	<	6.2	2.00	16	6.1
41I	871184	160	82	37	76	10	0.6	380	9.0	<	1.89	235	33.4	2.3	135	29	2.0	0.3	3	10.0	-	-	60	<	6.4	1.48	11	6.0
41I	871185	193	271	75	313	18	0.7	153	18.0	<	2.54	275	44.4	1.9	110	17	2.8	0.3	8	10.0	-	-	70	<	23.0	2.16	20	6.2
41I	871186	352	660	125	1610	121	1.4	325	54.0	<	4.00	220	7.6	2.7	160	32	3.3	0.7	66	10.0	79	10.0	70	<	12.4	2.56	18	6.2
41I	871187	82	99	32	83	7	0.7	109	5.0	<	1.08	195	49.0	2.7	120	17	1.6	0.2	3	10.0	-	-	70	<	9.2	4.40	27	6.3
41I	871188	231	183	84	493	52	0.5	321	14.0	<	3.41	205	6.0	2.1	190	39	1.0	0.3	11	10.0	15	10.0	70	<	15.6	3.24	20	6.2
41I	871189	170	160	45	538	69	0.4	512	13.0	<	3.23	155	9.2	2.5	160	35	1.1	0.2	5	10.0	7	10.0	70	0.07	15.6	3.32	21	6.2
41I	871190	329	275	147	872	96	0.7	939	18.0	<	4.31	280	8.0	2.7	160	47	2.1	0.5	15	10.0	22	10.0	70	0.07	16.2	3.48	22	6.2
41I	871191	231	82	61	85	15	0.3	476	7.0	<	2.96	180	26.6	2.7	140	35	1.8	0.3	2	10.0	-	-	40	<	3.6	0.96	5	5.9
41I	871192	279	104	116	106	16	0.3	220	10.0	<	1.63	210	54.0	2.9	100	26	3.0	0.3	7	10.0	9	5.00	40	<	3.8	1.20	6	5.9
41I	871193	211	69	68	79	15	<	415	8.0	<	4.31	125	23.0	3.7	190	47	1.5	0.4	62	10.0	6	10.0	40	<	12.8	2.00	32	6.3
41I	871194	212	44	20	55	21	<	879	6.0	<	4.93	120	19.4	5.1	165	59	1.1	0.2	2	10.0	-	-	40	<	7.6	1.68	18	6.2
41I	871195	104	43	25	29	4	0.4	73	3.0	<	0.63	215	70.8	4.0	110	23	1.6	0.2	1	10.0	-	-	50	<	6.6	1.24	19	6.1
41I	871196	185	34	32	46	15	0.4	328	5.0	<	2.63	155	20.6	2.2	140	32	1.1	0.2	<	10.0	-	-	40	<	3.2	0.80	5	5.9
41I	871198	116	26	29	40	10	0.3	153	2.0	<	2.41	90	19.6	3.2	185	28	0.5	0.2	<	10.0	-	-	50	<	2.2	1.12	7	5.9
41I	871199	211	42	37	59	19	0.2	392	5.0	<	3.90	210	18.8	3.1	160	47	1.4	0.2	11	10.0	17	7.50	40	<	4.0	1.48	8	6.0
41I	871200	221	43	19	67	37	<	759	7.0	<	5.00	150	14.6	5.5	175	64	1.4	<	9	10.0	-	-	40	<	3.8	1.40	8	6.8
41I	871202	124	19	11	20	25	<	370	1.0	<	1.52	85	20.2	2.5	125	17	1.0	<	2	10.0	-	-	60	<	3.6	1.16	6	5.8
41I	871203	117	19	9	22	25	<	369	1.0	<	1.66	80	19.2	2.7	115	19	0.9	<	<	10.0	-	-	50	<	3.8	1.12	6	5.8
41I	871204	224	41	15	42	110	<	8000	2.0	4	6.50	155	24.4	3.7	120	55	1.3	0.2	2	10.0	-	-	50	<	3.4	1.00	4	5.7
41I	871205	141	50	22	20	17	<	152	1.0	2	1.16	155	49.0	1.9	60	19	1.3	0.2	<	10.0	-	-	50	<	2.4	0.80	3	5.6
41I	871206	141	45	20	21	19	<	224	2.0	<	1.77	165	51.8	1.7	ns	41	1.2	0.2	<	10.0	-	-	40	<	1.8	0.52	1	5.0
41I	871207	335	64	35	116	48	<	877	5.0	2	3.82	165	27.2	4.3	140	48	3.4	0.3	4	10.0	-	-	40	<	2.8	1.00	3	5.7
41I	871208	126	33	18	43	14	<	324	1.0	<	3.01	95	15.0	3.3	290	36	0.7	0.2	<	10.0	-	-	40	<	3.8	1.20	7	5.9
41I	871209	141	34	17	44	13	<	157	1.0	<	1.65	120	33.8	3.0	140	23	1.1	0.2	<	10.0	-	-	40	<	4.4	1.48	9	5.9
41I	871210	175	41	37	85	17	<	419	2.0	<	3.15	155	16.6	3.0	245	39	1.4	0.3	2	10.0	-	-	40	<	5.4	1.56	11	6.0
41I	871212	205	50	16	54	23	<	365	2.0	2	2.30	135	30.8	3.3	125	35	1.7	0.2	3	10.0	-	-	60	<	2.8	1.04	3	5.7
41I	871213	97	27	20	73	14	<	326	3.0	<	2.36	55	6.8	2.3	245	26	0.6	0.2	1	10.0	8	10.0	60	<	5.2	1.48	8	5.9
41I	871214	163	32	8	31	8	<	122	1.0	<	1.26	105	40.4	2.6	130	24	0.8	<	<	10.0	-	-	50	<	2.6	1.00	5	5.8
41I	871215	89	37	9	40	21	<	319	2.0	<	2.76	75	13.0	3.4	265	34	0.4	<	<	10.0	-	-	50	<	5.0	1.48	11	6.0
41I	871216	116	42	21	56	20	<	269	2.0	<	3.40	75	17.0	3.7	320	44	0.7	0.2	1	10.0	-	-	50	0.10	16.8	5.00	51	6.5
41I	871217	63	23	10	3	11	<	342	1.0	<	2.69	30	5.2	1.8	290	36	<	0.2	1	10.0	4	10.0	60	0.13	20.0	5.20	63	6.6
41I	871218	101	130	3	22	20	<	76	<	<	0.93	180	47.8	5.8	80	15	0.6	0.2	<	10.0	-	-	50	<	4.8	1.84	6	6.0
41I	871219	213	43	8	14	114	<	1003	2.0	2	2.19	155	57.6	3.1	55	24	0.9	0.2	<	10.0	-	-	50	<	2.6	1.00	3	5.7
41I	871220	67	28	13	36	13	<	529	<	<	2.52	35	2.2	1.6	350	31	<	0.2	<	10.0	3	10.0	50	0.14	20.0	5.20	63	6.6
41I	871222	185	32	21	48	21	<	279	<	<	2.70	80	19.2	3.0	280	33	1.3	0.2	<	10.0	-	-	60	0.08	21.0	5.20	61	6.5
41I	871223	213	31	21	43	21	<	281	<	<	2.46	85	19.2	3.2	350	32	1.2	0.2	<	10.0	-	-	60	0.10	20.0	5.00	61	6.5

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871224	17	466480	5096862	MPC	04	1-5	11	-	Md	-	Br	-
41I	871225	17	469414	5097311	MPGF	04	1-5	17	-	Md	-	Gy	-
41I	871226	17	476793	5099955	MPGF	04	1-5	6	-	Md	-	Br	-
41I	871227	17	474101	5100254	MPGF	04	1-5	9	-	Md	-	GyBr	-
41I	871228	17	469348	5099701	MPC	04	1-5	21	-	Md	-	GyBr	-
41I	871229	17	466246	5099705	MPC	04	.25-1	13	-	Md	-	GyBr	-
41I	871230	17	463061	5098896	MPC	04	>5	5	-	Md	-	Gy	-
41I	871232	17	459867	5099187	MPC	04	.25-1	7	-	Md	-	GyBr	-
41I	871233	17	458938	5101738	MPQL	04	.25-1	6	-	Md	-	Br	-
41I	871234	17	456104	5101218	MPQL	04	>5	5	-	Md	-	Gy	-
41I	871235	17	456675	5100367	OSCP	19	>5	5	-	Md	-	Gy	-
41I	871236	17	451605	5100548	MPND	04	>5	5	-	Md	-	Gy	-
41I	871237	17	452615	5102553	MPHL	04	>5	6	-	Md	-	GyBr	-
41I	871238	17	448635	5106385	MPC	04	>5	9	-	Md	-	GyBr	-
41I	871239	17	453614	5106637	MPC	04	>5	20	-	Md	-	GyBr	-
41I	871240	17	455347	5105070	MPQL	04	1-5	9	-	Md	-	GyBr	-
41I	871242	17	456742	5110166	MPC	04	1-5	7	10	Md	-	GyBr	-
41I	871243	17	456742	5110166	MPC	04	1-5	7	20	Md	-	GyBr	-
41I	871244	17	451189	5110301	MPC	04	.25-1	5	-	Md	-	Br	-
41I	871245	17	448442	5109546	MPC	04	>5	12	-	Md	-	Gy	-
41I	871246	17	447532	5112026	MPC	04	1-5	12	-	Md	-	Gy	-
41I	871247	17	445859	5113205	MPQL	04	>5	6	-	Md	-	Br	-
41I	871248	17	445666	5117713	MPQL	04	1-5	22	-	Md	-	GyBr	-
41I	871249	17	447888	5116758	MPQL	04	1-5	7	-	Md	-	Gy	-
41I	871250	17	450702	5116547	MPHL	04	.25-1	8	-	Md	-	Br	-
41I	871251	17	447690	5120668	MPQL	04	.25-1	4	-	Md	-	GyBr	-
41I	871252	17	451669	5121349	MPQL	04	1-5	11	-	Md	-	-	-
41I	871253	17	456041	5119980	MPHL	04	1-5	16	-	Md	-	GyBr	-
41I	871254	17	459299	5120400	MPQL	04	>5	23	-	Md	-	GyBr	-
41I	871255	17	462517	5119944	MPQL	04	>5	10	-	Md	-	Gy	-
41I	871256	17	458401	5124177	MPQL	04	1-5	4	-	Md	-	GyBr	-
41I	871258	17	455043	5123294	MPHL	04	.25-1	12	-	Md	-	Gy	-
41I	871259	17	447692	5122156	MPQL	04	.25-1	6	-	Md	-	-	-
41I	871260	17	453180	5125193	MPHL	04	1-5	14	-	Md	-	GnGy	-
41I	871262	17	458561	5126261	MPHL	04	1-5	10	10	Md	-	Gy	-
41I	871263	17	458561	5126261	MPHL	04	1-5	10	20	Md	-	Gy	-
41I	871264	17	463942	5127449	MPQL	04	.25-1	1	-	Md	-	Br	-
41I	871265	17	467435	5128497	MPHL	04	.25-1	5	-	Md	-	GyBr	-
41I	871266	17	470737	5130201	MPHL	04	.25-1	4	-	Md	-	Br	-
41I	871268	17	478401	5134793	MPHL	04	.25-1	2	-	Md	-	BrBk	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871224	211	44	19	19	34	<	947	2.0	2	2.05	155	29.0	2.5	65	20	1.7	0.2	1	10.0	-	-	40	<	1.8	0.52	<	4.6
41I	871225	104	40	9	48	20	<	653	2.0	<	3.57	20	2.0	2.4	600	46	<	0.2	2	10.0	9	5.00	50	<	2.6	0.72	1	5.3
41I	871226	224	35	40	35	14	<	245	2.0	<	1.63	170	32.6	3.5	160	26	2.2	0.5	3	10.0	-	-	40	<	2.4	0.68	1	5.3
41I	871227	148	42	24	32	13	<	262	2.0	2	1.30	105	28.8	4.2	90	24	1.7	0.2	<	10.0	-	-	50	<	3.0	0.84	3	6.7
41I	871228	104	34	21	39	17	<	702	2.0	<	3.30	30	6.4	2.7	290	44	0.3	0.2	<	10.0	1	10.0	40	<	2.6	0.60	<	4.3
41I	871229	183	47	55	39	15	<	178	3.0	2	1.77	190	32.4	2.5	165	38	2.1	0.4	3	10.0	-	-	40	<	2.6	0.60	<	4.6
41I	871230	179	33	32	47	17	<	457	2.0	<	2.85	100	10.6	2.4	295	34	1.6	0.3	4	10.0	-	-	50	0.11	19.6	4.80	56	6.4
41I	871232	170	39	13	16	17	<	79	<	<	0.78	105	60.8	1.2	60	14	0.9	<	2	10.0	-	-	50	<	3.4	1.08	1	5.0
41I	871233	178	35	14	39	17	<	206	1.0	<	2.36	85	30.4	3.5	330	32	1.5	<	10	10.0	-	-	50	<	7.0	2.72	23	6.1
41I	871234	93	43	19	46	17	<	410	3.0	<	4.00	25	6.0	5.1	605	59	<	0.3	1	10.0	-	-	50	0.07	18.0	4.40	53	6.4
41I	871235	139	31	19	43	16	<	485	2.0	<	3.07	55	8.6	2.8	345	38	1.0	0.2	2	10.0	3	10.0	50	0.08	16.6	4.20	48	6.4
41I	871236	114	36	22	43	16	<	340	2.0	<	3.27	75	11.6	2.7	370	41	0.7	0.2	2	10.0	-	-	50	0.10	20.0	4.40	56	6.5
41I	871237	94	31	12	37	19	<	369	2.0	<	3.66	50	9.6	3.2	435	46	0.3	<	1	10.0	2	10.0	50	0.06	14.4	4.00	41	6.4
41I	871238	233	51	84	49	15	0.2	159	6.0	<	1.57	210	46.2	2.6	100	28	3.1	0.2	2	10.0	-	-	50	<	11.0	3.20	31	6.3
41I	871239	121	40	22	28	12	<	275	2.0	<	2.57	110	25.0	4.0	215	22	0.6	0.2	3	10.0	-	-	40	<	3.6	1.12	5	5.9
41I	871240	119	41	10	38	14	<	285	1.0	<	2.90	55	30.8	4.8	290	39	0.4	0.2	2	10.0	-	-	40	<	12.2	3.36	39	6.3
41I	871242	147	31	11	35	22	<	246	1.0	<	1.82	75	24.6	2.5	145	22	1.4	0.2	1	10.0	-	-	30	<	3.0	0.76	2	6.7
41I	871243	150	30	9	35	22	<	247	1.0	<	2.03	85	20.8	2.9	160	24	1.2	<	1	10.0	-	-	40	<	2.8	0.80	2	5.5
41I	871244	104	44	17	29	8	<	150	16.0	<	1.54	150	38.4	2.2	155	31	0.8	0.2	18	10.0	7	1.00	40	<	4.6	1.40	12	5.9
41I	871245	124	28	17	47	16	<	322	2.0	<	2.69	90	14.0	2.7	240	30	0.6	0.2	2	10.0	-	-	40	<	5.0	1.40	7	5.9
41I	871246	85	24	14	47	9	<	198	3.0	<	1.71	60	8.4	2.7	180	17	0.5	<	1	10.0	5	10.0	60	<	6.2	1.84	9	5.9
41I	871247	131	33	20	31	11	<	298	5.0	<	2.33	100	26.0	2.4	180	32	0.8	0.2	1	10.0	-	-	40	<	4.4	1.28	8	5.9
41I	871248	207	44	35	68	21	<	1046	5.0	<	4.05	185	25.6	3.7	125	54	1.8	0.3	4	10.0	-	-	50	<	5.6	1.60	12	6.0
41I	871249	118	20	12	29	16	<	626	2.0	<	2.40	105	18.0	2.9	195	30	0.7	0.2	1	10.0	-	-	40	<	5.8	1.68	12	6.0
41I	871250	134	44	15	31	10	<	126	1.0	<	1.83	185	45.6	2.2	150	26	1.0	0.2	<	10.0	-	-	40	<	5.6	1.40	13	6.0
41I	871251	136	34	10	37	10	<	145	1.0	<	1.55	105	43.6	3.1	145	28	0.8	<	<	10.0	-	-	40	0.07	8.2	1.48	19	6.1
41I	871252	124	33	10	38	14	<	603	2.0	<	2.82	75	18.2	4.5	255	41	0.6	0.2	1	10.0	-	-	40	<	8.6	1.56	20	6.2
41I	871253	115	33	13	34	13	<	323	4.0	<	2.28	55	20.6	4.3	205	42	0.8	0.2	1	10.0	-	-	40	<	5.6	1.40	10	6.0
41I	871254	135	50	14	61	11	<	437	5.0	<	2.50	75	20.0	6.7	220	42	1.3	0.2	7	10.0	10	10.0	40	<	6.4	1.80	9	6.0
41I	871255	94	32	11	43	8	<	234	4.0	<	1.73	25	12.4	4.4	210	26	0.4	0.2	3	10.0	-	-	40	<	6.0	1.76	9	6.0
41I	871256	130	37	20	46	13	<	196	2.0	<	2.23	130	29.4	2.9	205	32	0.7	0.2	<	10.0	-	-	30	<	4.4	1.36	9	6.0
41I	871258	134	47	22	58	28	<	536	4.0	<	3.42	50	11.0	3.6	255	48	0.6	0.2	1	10.0	-	-	50	<	4.4	0.92	7	6.0
41I	871259	131	40	16	42	11	0.2	165	2.0	<	1.44	135	52.2	3.6	140	18	1.2	0.2	1	10.0	-	-	40	<	7.2	1.92	18	6.1
41I	871260	112	50	25	138	24	0.2	571	4.0	<	3.11	105	6.0	2.8	215	42	0.4	0.2	3	10.0	6	10.0	70	<	15.6	3.48	23	6.2
41I	871262	209	108	43	440	31	0.2	510	6.0	<	3.57	160	20.0	4.4	230	49	1.7	0.2	3	10.0	7	5.00	60	<	14.8	3.12	19	6.1
41I	871263	201	101	40	375	29	0.2	517	5.0	<	3.60	165	20.6	4.5	200	48	1.5	0.2	14	10.0	6	7.50	60	<	13.8	3.24	18	6.2
41I	871264	59	65	18	53	9	0.3	112	1.0	<	1.84	110	22.4	20.8	210	26	0.7	0.2	<	10.0	-	-	50	<	8.0	1.52	22	6.2
41I	871265	165	67	30	61	21	0.4	509	4.0	<	3.02	155	32.6	3.4	115	41	1.1	0.2	3	10.0	-	-	40	<	4.0	1.08	7	5.9
41I	871266	75	30	8	34	8	<	108	<	<	1.13	105	37.2	1.9	115	14	0.6	<	<	10.0	-	-	40	<	3.8	1.48	11	6.0
41I	871268	108	64	15	78	6	<	64	2.0	<	0.77	110	54.0	1.3	85	11	0.8	<	2	10.0	-	-	50	<	5.4	2.36	8	6.1

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871269	17	470229	5146876	MPSG	04	.25-1	4	-	Md	-	BrBk	-
41I	871270	17	459362	5151732	AMVB	02	.25-1	6	-	Md	-	GyBr	-
41I	871271	17	456192	5149811	ACSP	02	.25-1	6	-	Md	-	GyBr	-
41I	871272	17	451798	5152261	ACSP	02	.25-1	16	-	Md	-	Gy	-
41I	871273	17	450087	5152188	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871274	17	445310	5155036	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871275	17	443602	5155249	ACSP	02	1-5	7	-	Md	-	GyBr	-
41I	871276	17	439041	5154116	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	871277	17	436488	5155653	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	871278	17	438389	5157770	ACSP	02	pond	3	-	Md	-	Br	-
41I	871279	17	434957	5157815	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871280	17	431595	5157758	ACSP	02	.25-1	10	-	Md	-	GyBr	-
41I	871282	17	427742	5160998	ACSP	02	.25-1	9	10	Md	-	GyBr	-
41I	871283	17	427742	5160985	ACSP	02	.25-1	9	20	Md	-	GyBr	-
41I	871284	17	424442	5162166	ACSP	02	pond	2	-	Md	-	Br	-
41I	871285	17	428269	5164215	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871286	17	426452	5164976	ACSP	02	.25-1	6	-	Md	-	GyBr	-
41I	871288	17	426335	5168065	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871289	17	425828	5170886	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871290	17	427407	5172472	ACSP	02	.25-1	17	-	Md	-	BrBk	-
41I	871291	17	426225	5175884	ACSP	02	.25-1	9	-	Md	-	GyBr	-
41I	871292	17	432256	5172516	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871293	17	429104	5169813	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871294	17	430502	5166514	ACSP	02	.25-1	5	-	Md	-	GnGy	-
41I	871295	17	432175	5162589	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871296	17	434324	5162048	ACSP	02	.25-1	9	-	Md	-	GyBr	-
41I	871297	17	436755	5165775	ACSP	02	pond	5	-	Md	-	GyBr	-
41I	871298	17	434290	5168524	ACSP	02	.25-1	12	-	Md	-	GyBr	-
41I	871299	17	433180	5168090	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871300	17	435965	5171572	ACSP	02	.25-1	6	-	Md	-	GnGy	-
41I	871302	17	438155	5169219	ACSP	02	.25-1	8	10	Md	-	GyBr	-
41I	871303	17	438142	5169219	ACSP	02	.25-1	8	20	Md	-	GyBr	-
41I	871304	17	438341	5164069	ACSP	02	.25-1	7	-	Md	-	BrBk	-
41I	871305	17	438033	5160488	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	871306	17	442077	5163316	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	871307	17	444626	5161385	ACSP	02	1-5	2	-	Md	-	-	-
41I	871308	17	442636	5157953	ACSP	02	1-5	5	-	Md	-	GyBr	-
41I	871310	17	444698	5158207	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871311	17	449373	5157889	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871312	17	453022	5154728	ACSP	02	.25-1	3	-	Md	-	GyBr	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871269	158	38	14	51	16	0.2	534	4.0	<	3.09	170	20.2	3.0	210	40	1.1	0.2	2	10.0	-	-	50	<	4.6	1.44	8	5.9
41I	871270	98	58	29	47	11	<	146	2.0	2	2.26	150	18.6	3.0	175	41	1.0	0.2	1	10.0	-	-	50	<	6.0	2.64	17	6.1
41I	871271	174	41	9	24	6	<	60	1.0	2	0.61	55	47.2	1.3	80	14	1.8	0.2	<	10.0	-	-	30	<	2.4	0.84	1	5.3
41I	871272	81	32	19	36	13	0.2	316	3.0	<	3.00	55	3.6	4.0	260	40	0.2	0.2	<	10.0	3	10.0	60	0.12	4.4	1.28	11	6.0
41I	871273	171	40	3	10	5	<	56	<	3	0.46	90	60.6	9.5	60	13	0.7	<	<	10.0	-	-	40	<	2.8	0.60	5	5.8
41I	871274	121	21	8	11	4	<	42	<	4	0.36	110	56.2	24.1	50	9	0.6	<	2	10.0	-	-	40	0.24	2.8	0.76	3	5.7
41I	871275	178	58	8	17	4	<	74	2.0	12	1.90	65	73.8	36.8	100	20	0.6	<	2	10.0	-	-	50	0.20	9.6	1.08	21	6.2
41I	871276	263	32	13	18	9	<	94	<	4	1.62	150	57.6	30.2	85	25	1.9	<	2	10.0	-	-	70	0.11	2.6	0.60	1	5.0
41I	871277	61	14	5	7	4	<	24	<	<	0.34	80	34.6	39.7	90	6	0.5	<	<	10.0	-	-	60	0.09	2.6	0.64	2	5.6
41I	871278	55	12	8	8	2	<	49	<	<	0.36	115	41.8	13.4	60	<	0.5	<	2	10.0	-	-	60	0.19	2.2	0.56	1	5.1
41I	871279	132	19	21	12	6	<	72	<	3	0.81	135	27.0	23.7	155	13	0.9	0.2	1	10.0	-	-	70	0.30	3.4	0.84	4	5.8
41I	871280	81	15	31	12	6	<	162	1.0	<	1.45	110	16.4	18.9	140	20	0.6	0.2	2	10.0	-	-	50	0.21	3.2	0.92	5	5.8
41I	871282	130	24	50	14	8	<	128	2.0	<	1.11	175	43.4	32.8	60	14	0.9	0.2	1	10.0	-	-	70	0.19	2.0	0.56	1	5.4
41I	871283	122	20	37	12	6	<	126	1.0	<	0.94	170	43.4	34.8	95	16	0.9	0.2	2	10.0	-	-	70	0.20	2.0	0.48	1	5.3
41I	871284	58	14	11	9	3	<	36	<	<	0.39	90	24.8	39.9	80	<	0.4	<	1	10.0	-	-	60	0.48	3.0	0.72	4	5.7
41I	871285	172	23	11	15	12	<	97	<	2	1.44	90	48.6	42.7	55	11	0.6	<	1	10.0	-	-	60	0.26	2.2	0.52	2	5.6
41I	871286	150	25	9	12	9	<	58	<	4	1.56	140	60.8	92.8	70	15	0.5	<	<	10.0	-	-	60	0.28	2.8	0.52	2	5.6
41I	871288	185	22	10	14	10	0.2	56	<	4	2.83	85	54.6	81.5	85	22	0.6	<	<	10.0	-	-	60	0.28	2.6	0.76	5	5.8
41I	871289	98	18	19	12	7	<	134	1.0	2	1.57	110	36.6	30.7	60	14	0.7	0.2	<	10.0	-	-	50	0.13	2.0	0.64	3	5.7
41I	871290	173	29	29	9	16	<	994	2.0	9	4.10	165	55.4	65.3	55	22	0.7	0.2	2	10.0	-	-	50	0.20	2.2	0.64	3	5.7
41I	871291	107	24	17	8	7	<	324	1.0	<	1.88	115	39.4	9.6	85	17	0.3	0.2	<	10.0	-	-	60	<	2.8	0.74	5	5.8
41I	871292	125	16	6	7	7	<	123	<	4	1.42	80	58.4	38.3	75	9	0.5	<	<	10.0	-	-	70	0.05	2.4	0.52	3	5.7
41I	871293	80	12	9	13	7	<	57	<	<	0.58	110	49.2	37.8	65	10	0.6	<	2	10.0	-	-	60	0.20	2.0	0.60	2	5.5
41I	871294	118	20	20	11	6	<	148	1.0	<	1.41	225	35.2	31.6	85	23	1.0	0.2	<	10.0	-	-	50	0.18	2.8	0.80	5	6.7
41I	871295	61	7	13	7	6	<	95	<	<	1.75	45	4.0	12.3	175	18	0.2	<	<	10.0	<	5.00	50	0.19	3.0	0.84	5	5.7
41I	871296	80	19	21	10	3	<	87	1.0	2	0.93	215	41.4	12.6	85	25	0.6	0.2	1	10.0	-	-	60	0.13	2.0	0.68	2	5.4
41I	871297	202	18	9	8	7	<	73	<	2	0.68	55	62.4	11.4	85	23	1.0	<	<	10.0	-	-	50	<	1.6	0.40	3	5.4
41I	871298	123	24	22	10	3	<	71	1.0	2	0.82	105	39.8	65.4	100	13	0.9	0.2	<	10.0	-	-	50	0.11	2.8	0.48	2	5.5
41I	871299	127	20	10	8	9	<	78	<	2	1.32	115	36.8	41.3	60	12	0.7	<	<	10.0	-	-	50	0.15	3.2	0.72	6	5.8
41I	871300	90	121	12	10	7	<	200	<	2	2.14	145	30.6	34.7	215	41	0.6	<	<	10.0	-	-	50	0.23	3.2	0.72	4	5.7
41I	871302	130	26	22	11	7	<	126	1.0	5	1.01	165	40.8	41.4	95	18	1.2	0.2	<	10.0	-	-	70	0.11	3.2	0.80	7	5.9
41I	871303	104	19	12	8	6	<	108	<	4	0.64	110	37.4	37.9	80	19	1.1	<	<	10.0	-	-	60	0.13	3.4	0.72	7	5.9
41I	871304	90	24	11	8	3	<	99	<	4	0.51	205	44.8	25.3	70	19	0.8	<	<	10.0	-	-	50	0.34	4.2	0.92	7	5.8
41I	871305	78	22	4	5	2	<	83	<	2	0.48	230	69.0	6.7	55	10	0.9	<	<	10.0	-	-	50	<	2.0	0.44	<	4.3
41I	871306	178	24	15	12	8	<	144	1.0	2	1.01	175	58.8	14.3	65	11	0.9	0.2	<	10.0	-	-	40	0.16	9.2	1.00	24	6.1
41I	871307	75	22	11	17	5	<	106	1.0	2	1.68	55	19.4	12.9	185	20	0.4	<	<	10.0	-	-	50	0.21	8.6	1.04	20	6.2
41I	871308	47	7	11	9	4	<	145	2.0	<	1.03	50	4.0	6.6	250	21	0.2	0.2	2	10.0	1	10.0	50	0.20	8.8	1.00	20	6.2
41I	871310	173	21	9	11	4	<	87	<	3	0.36	140	56.8	13.5	60	18	1.0	0.2	<	10.0	-	-	50	<	4.0	0.76	6	5.9
41I	871311	99	33	6	14	6	<	78	<	<	0.62	115	54.6	26.8	60	18	0.5	<	<	10.0	-	-	40	0.21	3.6	0.72	5	5.8
41I	871312	125	31	6	15	6	<	73	<	<	0.64	140	43.6	39.3	100	14	0.7	<	<	10.0	-	-	70	0.43	3.0	0.64	3	5.6

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871313	17	456192	5153891	ACSP	02	.25-1	13	-	Md	-	GyBr	-
41I	871314	17	462350	5151838	MPSG	04	.25-1	5	-	Md	-	Br	-
41I	871315	17	472600	5148290	MPSG	04	1-5	7	-	Md	-	Gy	-
41I	871316	17	484886	5136321	MPHL	04	1-5	8	-	Md	-	GnGy	-
41I	871317	17	481925	5135021	MPHL	04	1-5	20	-	Md	-	GnGy	-
41I	871318	17	479517	5133861	MPHL	04	.25-1	15	-	Md	-	GnGy	-
41I	871319	17	477063	5131069	MPHL	04	.25-1	9	-	Md	-	GnBr	-
41I	871320	17	473286	5128245	MPHL	04	1-5	1	-	Md	-	GnGy	-
41I	871322	17	472041	5128898	MPHL	04	.25-1	1	10	Md	-	GnBr	-
41I	871323	17	472041	5128898	MPHL	04	.25-1	1	20	Md	-	GnBr	-
41I	871324	17	468330	5125686	MPQL	04	.25-1	8	-	Md	-	Br	-
41I	871325	17	465627	5126143	MPHL	04	1-5	9	-	Md	-	GnGy	-
41I	871326	17	462390	5124585	MPQL	04	1-5	5	-	Md	-	GnBr	-
41I	871327	17	464711	5119428	MPQL	04	.25-1	3	-	Md	-	GnBr	-
41I	871328	17	462402	5116513	MPQL	04	1-5	18	-	Md	-	GnGy	-
41I	871329	17	457586	5116705	MPQL	04	1-5	20	-	Md	-	BrBk	-
41I	871330	17	455479	5116369	MPQL	04	1-5	18	-	Md	-	Br	-
41I	871331	17	451171	5119148	MPQL	04	1-5	25	-	Md	-	GnGy	-
41I	871332	17	443989	5119788	MPQL	04	1-5	5	-	Md	-	GnGy	-
41I	871333	17	450885	5113730	MPQL	04	1-5	13	-	Md	-	GnGy	-
41I	871334	17	454912	5114188	MPQL	04	1-5	9	-	Md	-	GnBr	-
41I	871335	17	459540	5112968	MPC	04	1-5	25	-	Md	-	GnBr	-
41I	871337	17	460849	5108876	MPC	04	1-5	20	-	Md	-	Gy	-
41I	871338	17	461626	5105703	MPQL	04	.25-1	9	-	Md	-	Br	-
41I	871339	17	463100	5101000	MPC	04	1-5	4	-	Md	-	Br	-
41I	871340	17	459982	5097323	MPC	04	>5	13	-	Md	-	Gy	-
41I	871342	17	464700	5102700	MPC	04	1-5	9	10	Md	-	Gy	-
41I	871343	17	464700	5102700	MPC	04	1-5	9	20	Md	-	Gy	-
41I	871344	17	466700	5102000	MPC	04	.25-1	14	-	Md	-	GnGy	-
41I	871345	17	469050	5103400	MPC	04	.25-1	1	-	Md	-	Br	-
41I	871346	17	473399	5102008	MPC	04	1-5	20	-	Md	-	Gy	-
41I	871347	17	477895	5100962	MPGF	04	1-5	12	-	Md	-	GnBr	-
41I	871348	17	485116	5097671	MPS	04	1-5	4	-	Md	-	GnBr	-
41I	871350	17	484388	5096687	MPS	04	1-5	2	-	Md	-	Br	-
41I	871351	17	487697	5096395	MPGF	04	.25-1	2	-	Md	-	GnBr	-
41I	871352	17	491722	5095957	MPS	04	1-5	3	-	Md	-	GnBr	-
41I	871353	17	493305	5095363	MPGF	04	.25-1	1	-	Md	-	GnBr	-
41I	871354	17	497469	5096150	MPGF	04	.25-1	1	-	Md	-	GyBr	-
41I	871355	17	500332	5095689	MPGF	04	.25-1	13	-	Md	-	GnBr	-
41I	871356	17	506980	5095200	LPGX	04	>5	2	-	Md	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871313	185	41	22	23	8	<	281	3.0	2	0.94	65	45.2	3.8	85	18	2.0	0.2	<	10.0	-	-	60	<	2.0	0.56	2	5.5
41I	871314	137	25	10	18	3	<	64	2.0	<	0.50	130	45.6	1.2	70	11	1.1	0.2	<	10.0	-	-	50	<	2.4	0.68	4	5.6
41I	871315	179	78	32	106	16	<	550	6.0	<	3.38	195	16.8	2.7	260	41	1.3	0.2	2	10.0	-	-	50	<	3.8	1.20	7	5.9
41I	871316	54	57	11	80	12	<	260	5.0	<	2.02	35	4.4	1.8	200	22	0.2	0.2	2	10.0	3	10.0	40	<	3.4	1.96	8	5.9
41I	871317	148	169	35	158	20	<	323	13.0	<	3.61	130	13.4	3.2	255	49	1.2	0.5	4	10.0	-	-	40	<	4.2	1.60	3	5.7
41I	871318	145	60	18	73	16	<	292	3.0	2	3.05	125	16.6	3.1	260	39	0.4	0.2	3	10.0	-	-	40	<	4.0	1.52	6	5.9
41I	871319	365	381	136	564	52	1.1	341	28.0	2	3.37	395	34.2	2.6	145	49	3.9	0.8	16	10.0	22	7.50	40	<	10.0	3.88	22	6.2
41I	871320	85	58	18	162	23	<	214	8.0	<	2.05	65	5.8	2.7	205	29	0.2	0.2	3	10.0	7	10.0	50	<	14.2	3.09	21	6.9
41I	871322	134	51	13	94	14	<	132	3.0	<	1.53	140	36.4	3.0	160	20	0.7	0.2	1	10.0	-	-	50	<	8.6	2.64	16	6.2
41I	871323	168	60	16	115	15	<	146	4.0	<	1.61	165	41.6	3.2	155	21	0.9	0.2	1	10.0	-	-	50	<	8.2	2.60	15	6.2
41I	871324	158	46	14	54	13	<	133	2.0	<	1.53	125	23.6	2.3	140	16	0.6	0.2	<	10.0	-	-	40	<	7.0	2.32	24	6.1
41I	871325	171	59	29	85	21	<	416	7.0	<	2.50	115	25.6	3.4	210	34	1.6	0.3	4	10.0	-	-	40	<	4.2	0.88	6	5.9
41I	871326	180	49	26	62	19	<	540	5.0	<	2.61	95	26.0	3.9	220	24	1.2	0.3	<	10.0	-	-	30	<	4.2	1.12	8	6.0
41I	871327	137	19	6	17	5	<	72	<	<	0.60	50	72.2	3.8	90	7	0.7	<	<	10.0	-	-	30	<	17.2	4.80	64	6.5
41I	871328	106	37	16	50	13	<	357	6.0	<	2.56	65	11.6	3.4	250	34	0.5	0.2	5	10.0	11	10.0	40	<	5.6	1.88	9	6.0
41I	871329	120	38	24	40	12	<	831	5.0	<	3.19	165	20.8	4.3	215	41	0.7	0.2	1	10.0	-	-	30	<	9.4	2.48	25	6.3
41I	871330	177	30	20	20	8	<	828	6.0	<	1.99	135	47.2	3.0	110	22	1.0	0.3	<	10.0	-	-	30	<	10.2	2.80	30	6.3
41I	871331	235	55	25	50	20	<	1660	10.0	<	4.40	135	19.6	3.9	215	50	2.1	0.2	2	10.0	-	-	30	<	3.6	1.12	6	5.9
41I	871332	154	30	16	44	15	<	546	4.0	<	2.94	155	20.2	4.0	250	27	0.8	0.2	<	10.0	-	-	30	<	7.6	1.64	19	6.1
41I	871333	187	35	25	33	15	<	867	4.0	<	3.28	190	34.2	3.0	155	41	1.0	0.2	1	10.0	-	-	30	<	5.2	1.64	14	6.1
41I	871334	122	42	15	68	11	<	368	3.0	<	2.13	100	20.0	3.7	190	21	1.0	0.2	2	10.0	-	-	40	<	5.4	1.76	10	6.0
41I	871335	108	62	33	66	12	<	206	8.0	<	2.67	125	16.4	3.3	245	24	0.4	0.3	8	10.0	20	5.00	40	<	5.2	1.64	9	5.9
41I	871337	78	23	17	25	20	<	115	3.0	<	1.41	90	9.4	1.7	145	17	0.4	0.2	1	10.0	1	10.0	40	<	2.0	0.52	<	4.3
41I	871338	126	24	11	25	8	<	202	1.0	<	1.54	100	51.8	2.0	110	17	0.8	0.2	<	10.0	-	-	40	<	4.0	1.48	8	5.9
41I	871339	170	23	15	39	16	<	198	1.0	<	2.59	105	15.4	2.3	175	31	0.5	0.2	<	10.0	-	-	40	<	2.6	1.00	2	5.6
41I	871340	104	35	22	44	17	<	411	2.0	<	3.49	65	5.0	2.4	420	46	0.2	0.2	2	10.0	2	10.0	50	0.13	18.4	5.60	62	6.5
41I	871342	102	31	10	39	19	<	355	2.0	<	3.49	30	5.0	4.7	405	47	<	0.2	1	10.0	6	7.50	50	<	3.2	0.92	2	5.6
41I	871343	98	32	12	43	21	<	376	3.0	<	3.66	35	5.0	5.3	440	51	<	0.2	<	10.0	2	10.0	40	<	2.4	0.92	2	5.5
41I	871344	208	35	17	52	61	<	1076	2.0	<	4.48	135	16.8	3.3	260	63	1.4	0.2	<	10.0	-	-	40	<	2.2	0.80	1	5.5
41I	871345	93	25	16	29	7	<	87	1.0	<	0.48	105	52.0	2.0	70	15	1.4	0.2	<	10.0	-	-	40	<	1.6	0.52	<	4.7
41I	871346	64	28	8	34	16	<	394	1.0	<	2.69	20	<	2.1	435	38	<	<	<	10.0	-	-	40	<	2.0	0.60	<	4.7
41I	871347	179	38	35	37	18	<	331	3.0	<	1.79	210	36.0	2.5	175	40	1.7	0.2	<	10.0	-	-	40	<	2.2	0.76	1	5.6
41I	871348	96	32	34	53	17	<	286	4.0	<	1.64	65	7.4	1.6	205	19	0.9	0.2	<	10.0	2	10.0	50	<	2.4	0.84	2	5.5
41I	871350	148	51	34	78	20	<	698	ns	<	1.42	105	47.8	2.5	135	17	1.5	0.2	1	10.0	-	-	50	<	2.2	0.84	2	5.5
41I	871351	176	45	31	51	11	<	136	2.0	<	1.15	225	42.6	2.0	165	13	1.6	0.2	1	10.0	-	-	50	<	2.0	0.84	1	5.2
41I	871352	147	31	21	37	10	<	168	2.0	<	2.36	155	23.8	1.8	150	26	1.1	0.2	1	10.0	-	-	40	<	2.8	0.92	2	5.7
41I	871353	160	42	28	46	16	<	341	2.0	<	2.41	215	27.4	1.7	210	31	1.1	0.2	1	10.0	-	-	40	<	3.0	1.16	6	5.8
41I	871354	88	25	22	32	7	<	103	2.0	<	1.45	65	17.0	2.1	195	17	0.7	0.2	<	10.0	-	-	40	<	1.6	0.72	<	4.6
41I	871355	175	74	69	86	19	<	382	6.0	<	2.41	205	25.6	2.0	270	36	1.7	0.5	3	10.0	-	-	40	<	2.2	1.12	4	5.8
41I	871356	107	30	9	45	19	<	665	2.0	<	3.84	60	6.6	2.6	275	47	<	0.2	<	10.0	2	10.0	40	<	6.4	2.24	19	6.1

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871357	17	508355	5096697	LPAD	04	>5	7	-	Md	-	Gy	-
41I	871358	17	509419	5095836	MPBN	04	>5	1	-	Md	-	Gy	-
41I	871359	17	513747	5096191	MPS	04	-	2	-	Md	-	Gy	-
41I	871360	17	517765	5095620	LPGX	04	.25-1	13	-	Md	-	Gy	-
41I	871362	17	522345	5096906	LPGX	04	.25-1	11	-	Md	-	GnGy	-
41I	871363	17	525396	5094366	MPS	04	>5	11	-	Md	-	Gy	-
41I	871364	17	527120	5095636	LPGA	04	>5	5	-	Md	-	Gy	-
41I	871365	17	526829	5099583	LPGA	04	.25-1	20	10	Md	-	Bk	-
41I	871366	17	526829	5099583	LPGA	04	.25-1	20	20	Md	-	Bk	-
41I	871367	17	524875	5099787	MPS	04	.25-1	5	-	Md	-	GnBr	-
41I	871368	17	521013	5099926	MPS	04	1-5	3	-	Md	-	GnBr	-
41I	871369	17	518620	5099426	MPS	04	.25-1	11	-	Md	-	GnBr	-
41I	871370	17	514755	5099903	MPGF	04	1-5	12	-	Md	-	GnBr	-
41I	871371	17	509706	5099827	MPS	04	.25-1	3	-	Md	-	TnGn	-
41I	871372	17	506990	5097167	MPS	04	1-5	1	-	Md	-	GnBr	-
41I	871373	17	504900	5100276	MPBN	04	1-5	5	-	Md	-	GnBr	-
41I	871374	17	498018	5097760	MPGF	04	1-5	4	-	Md	-	Br	-
41I	871375	17	494204	5099696	MPS	04	pond	1	-	Md	-	Br	-
41I	871377	17	489814	5098460	MPGF	04	1-5	12	-	Md	-	GnBr	-
41I	871378	17	486471	5100525	MPS	04	1-5	20	-	Md	-	GnBr	-
41I	871379	17	483932	5102144	MPGF	04	.25-1	1	-	Md	-	Br	-
41I	871380	17	480426	5103715	MPC	04	1-5	12	-	Md	-	Br	-
41I	871382	17	476191	5103558	MPC	04	1-5	12	-	Md	-	GnBr	-
41I	871383	17	474821	5105211	MPC	04	.25-1	11	10	Md	-	GnBr	-
41I	871384	17	474821	5105211	MPC	04	.25-1	11	20	Md	-	GnBr	-
41I	871385	17	472150	5106310	MPC	04	.25-1	12	-	Md	-	GnBr	-
41I	871386	17	469663	5106816	MPC	04	1-5	25	-	Md	-	GnBr	-
41I	871387	17	464936	5106924	MPC	04	1-5	25	-	Md	-	GnBr	-
41I	871388	17	465918	5109260	MPC	04	.25-1	12	-	Md	-	GnBr	-
41I	871389	17	464519	5111174	MPC	04	1-5	18	-	Md	-	GnBr	-
41I	871390	17	464569	5113836	MPC	04	1-5	11	-	Md	-	Gy	-
41I	871391	17	466190	5113179	MPC	04	1-5	2	-	Md	-	GnBr	-
41I	871393	17	470891	5110974	MPBN	04	.25-1	13	-	Md	-	GnBr	-
41I	871394	17	472088	5109787	MPC	04	.25-1	25	-	Md	-	GnBr	-
41I	871395	17	472683	5111605	MPC	04	1-5	15	-	Md	-	GnBr	-
41I	871396	17	470028	5112437	MPC	04	1-5	9	-	Md	-	GnBr	-
41I	871397	17	472232	5114946	MPQL	04	1-5	8	-	Md	-	GnBr	-
41I	871398	17	468830	5114718	MPQL	04	.25-1	4	-	Md	-	GnBr	-
41I	871399	17	468918	5117310	MPQL	04	1-5	8	-	Md	-	GnBr	-
41I	871400	17	465355	5116930	MPQL	04	.25-1	8	-	Md	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871357	165	151	37	266	36	<	381	6.0	<	3.29	155	9.8	2.5	280	37	0.9	0.2	2	10.0	4	10.0	40	<	7.8	2.92	25	6.2
41I	871358	59	31	7	57	15	<	353	2.0	<	2.05	60	4.0	1.7	290	25	<	<	<	10.0	4	10.0	40	<	7.6	2.48	19	6.2
41I	871359	94	39	10	94	21	<	562	3.0	<	2.90	65	5.6	2.1	300	39	0.3	<	2	10.0	<	10.0	40	<	7.2	2.52	18	6.2
41I	871360	138	34	16	40	18	<	778	2.0	<	4.15	100	9.4	3.0	360	44	0.3	0.2	2	10.0	1	10.0	40	<	6.2	2.28	19	6.1
41I	871362	156	46	30	45	16	<	403	2.0	<	3.13	175	18.0	2.7	270	39	0.9	0.2	3	10.0	-	-	50	<	6.0	2.20	19	6.1
41I	871363	190	27	17	40	22	<	1096	2.0	<	4.02	160	12.2	2.7	420	50	0.5	0.2	3	10.0	-	-	40	<	5.0	1.72	15	6.1
41I	871364	138	27	16	37	16	0.2	734	2.0	<	3.43	105	8.4	2.8	270	43	0.5	0.2	3	10.0	4	10.0	40	<	6.0	2.20	19	6.1
41I	871365	197	42	36	46	29	0.2	759	5.0	<	4.45	235	32.4	2.6	225	54	0.5	0.2	3	10.0	-	-	40	<	6.4	3.08	17	6.1
41I	871366	194	44	40	46	30	<	770	6.0	<	4.38	230	32.8	2.5	265	61	0.6	0.3	1	10.0	-	-	40	<	6.6	3.08	17	6.3
41I	871367	227	74	59	86	23	<	246	8.0	<	2.62	235	40.0	1.9	170	29	2.0	0.3	2	10.0	-	-	50	<	2.8	1.32	9	5.9
41I	871368	166	39	10	28	9	<	199	1.0	<	0.98	130	41.8	1.5	115	14	0.9	<	1	10.0	-	-	40	<	2.4	0.96	6	5.8
41I	871369	236	46	28	76	25	<	458	4.0	<	3.98	165	24.0	2.1	285	46	0.9	0.2	3	10.0	<	10.0	40	<	3.0	1.12	7	5.9
41I	871370	158	125	25	209	35	<	509	6.0	<	3.57	125	10.0	2.4	300	43	0.6	0.2	2	10.0	-	-	40	<	6.2	2.36	16	6.1
41I	871371	138	28	13	34	12	<	226	1.0	<	2.41	95	23.4	2.2	295	34	0.9	<	1	10.0	-	-	50	<	10.0	4.40	38	6.3
41I	871372	131	27	12	40	13	<	213	1.0	<	2.24	90	19.4	2.1	310	29	0.7	<	2	10.0	-	-	50	<	5.4	2.32	14	6.1
41I	871373	120	40	21	55	14	<	306	3.0	<	2.74	120	19.2	2.1	335	35	0.6	0.2	1	10.0	-	-	40	<	2.4	1.12	3	5.9
41I	871374	84	27	8	23	3	<	64	1.0	<	0.48	190	50.6	1.1	70	13	0.8	<	1	10.0	-	-	40	<	1.6	0.76	2	5.7
41I	871375	71	31	23	43	7	0.2	161	1.0	<	1.17	125	30.6	2.6	190	18	0.7	0.2	1	10.0	-	-	40	<	2.2	1.24	2	5.2
41I	871377	130	26	16	31	9	<	168	1.0	<	1.68	115	26.4	2.3	220	23	0.6	0.2	1	10.0	-	-	50	<	2.4	1.04	1	5.4
41I	871378	123	46	28	46	13	<	261	2.0	<	1.83	155	25.0	3.2	170	38	0.7	0.2	3	10.0	<	5.00	50	<	2.2	1.00	1	5.4
41I	871379	59	25	20	29	4	0.2	76	2.0	<	0.54	300	68.6	6.3	115	16	1.1	0.2	1	10.0	-	-	40	<	1.4	0.60	<	4.4
41I	871380	224	32	11	26	74	<	652	2.0	<	2.82	175	34.8	2.0	70	31	2.3	0.2	2	10.0	-	-	30	<	1.0	0.40	<	4.3
41I	871382	126	29	12	32	42	<	390	2.0	<	1.88	125	13.8	2.8	180	28	0.9	<	2	10.0	-	-	40	<	1.8	0.60	<	4.7
41I	871383	149	52	46	51	22	0.2	88	4.0	2	1.04	250	47.0	3.0	88	22	2.2	0.3	3	10.0	3	5.00	30	<	1.6	0.48	<	4.5
41I	871384	110	37	20	31	27	<	124	2.0	<	1.27	180	48.6	3.2	65	18	1.2	0.2	2	10.0	2	5.00	30	<	1.4	0.48	<	4.5
41I	871385	147	34	16	44	16	<	124	1.0	<	1.58	215	28.0	2.0	185	20	1.3	<	<	10.0	-	-	40	<	1.8	0.60	<	4.5
41I	871386	155	61	38	51	12	<	464	4.0	<	2.35	275	35.6	3.0	250	36	1.1	0.3	5	10.0	-	-	40	<	2.8	1.24	4	5.9
41I	871387	144	27	10	35	30	<	2160	2.0	<	4.43	120	14.0	3.0	180	46	0.7	0.2	9	10.0	<	7.50	40	<	2.0	0.84	1	5.4
41I	871388	122	22	12	25	73	<	230	6.0	<	2.45	150	30.8	2.4	95	23	0.8	0.2	3	10.0	-	-	30	<	1.4	0.36	<	4.7
41I	871389	187	41	16	45	32	0.2	1580	4.0	2	4.83	115	21.0	4.3	145	66	1.5	<	3	10.0	-	-	40	<	3.0	0.88	4	5.8
41I	871390	57	28	12	34	12	<	256	2.0	<	2.30	30	<	2.0	280	33	<	0.2	3	10.0	-	-	40	<	6.0	1.40	9	6.0
41I	871391	70	43	27	42	9	<	245	4.0	<	0.84	155	58.6	2.0	80	15	1.0	0.2	3	10.0	-	-	30	<	5.0	0.96	10	6.0
41I	871393	110	22	10	22	13	<	140	1.0	<	1.13	135	40.4	2.9	65	14	1.0	0.2	1	10.0	-	-	30	<	1.2	0.36	<	4.3
41I	871394	124	36	9	29	24	<	468	2.0	<	2.06	125	24.8	3.3	105	30	1.3	0.2	2	10.0	-	-	40	<	1.8	0.52	<	4.5
41I	871395	124	26	11	27	15	<	466	2.0	<	2.23	85	17.6	2.5	160	39	1.2	<	3	10.0	-	-	30	<	2.0	0.56	<	4.8
41I	871396	160	43	27	54	18	<	318	3.0	<	2.51	165	23.0	2.5	180	30	0.6	0.2	<	10.0	-	-	30	<	2.0	0.72	2	5.6
41I	871397	120	35	16	37	12	<	470	8.0	<	2.43	90	21.6	2.6	170	27	0.4	0.2	4	10.0	-	-	30	<	5.0	0.92	10	6.0
41I	871398	117	50	22	47	9	<	147	3.0	<	1.15	210	42.8	2.1	120	17	1.3	0.2	3	10.0	-	-	30	<	3.6	1.00	8	6.0
41I	871399	127	70	29	72	13	<	166	6.0	<	1.56	130	34.8	3.4	205	24	1.4	0.2	3	10.0	-	-	30	<	10.0	1.48	25	6.2
41I	871400	132	49	28	48	11	0.2	244	4.0	<	1.70	155	36.4	3.3	160	28	1.0	0.2	<	10.0	-	-	30	<	2.8	0.80	5	5.9

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871402	17	469840	5120028	MPQL	04	.25-1	8	10	-	-	GnBr	-
41I	871403	17	469840	5120028	MPQL	04	.25-1	8	20	-	-	GnBr	-
41I	871405	17	467351	5123636	MPQL	04	1-5	4	-	Md	-	GnBr	-
41I	871406	17	471782	5125068	MPQL	04	1-5	25	-	Md	-	GnBr	-
41I	871407	17	478862	5129730	MPHL	04	1-5	8	-	Md	-	GnBr	-
41I	871408	17	478310	5143921	MPSN	04	1-5	6	-	Md	-	GnBr	-
41I	871409	17	473139	5146143	MPSG	04	.25-1	5	-	Md	-	BrBk	-
41I	871410	17	465956	5147412	MPSG	04	1-5	12	-	Md	-	Bk	-
41I	871411	17	457238	5152928	ACSP	02	1-5	25	-	Md	-	GnBr	-
41I	871412	17	456252	5156198	ACSP	02	1-5	23	-	Md	-	GnGy	-
41I	871413	17	452577	5158730	ACSP	02	1-5	25	-	Md	-	BrBk	-
41I	871414	17	450523	5160580	MPND	04	.25-1	4	-	Md	-	GnBr	-
41I	871415	17	446627	5163870	ACSP	02	.25-1	10	-	Md	-	GnBr	-
41I	871416	17	444538	5168828	MPC	04	.25-1	5	-	Md	-	GnBr	-
41I	871417	17	443962	5171039	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871418	17	440134	5172797	ACSP	02	pond	1	-	Md	-	GnBr	-
41I	871419	17	435660	5175560	ACSP	02	.25-1	11	-	Md	-	GnBr	-
41I	871420	17	433134	5174554	ACSP	02	1-5	14	-	Md	-	GnBr	-
41I	871422	17	430022	5176121	ACSP	02	1-5	20	10	Md	-	GnBr	-
41I	871423	17	430022	5176121	ACSP	02	1-5	20	20	Md	-	GnBr	-
41I	871424	17	425095	5178710	ACSP	02	1-5	15	-	Md	-	GnBr	-
41I	871425	17	425230	5182141	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871426	17	425926	5183907	AMVB	02	1-5	10	-	Md	-	GnBr	-
41I	871427	17	424552	5185731	ACSP	02	.25-1	20	-	Md	-	GnBr	-
41I	871428	17	428734	5184383	ACSP	02	.25-1	11	-	Md	-	GnBr	-
41I	871429	17	433880	5181563	ACSP	02	.25-1	5	-	Md	-	GnBr	-
41I	871430	17	429206	5181919	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871431	17	428940	5180015	ACSP	02	1-5	1	-	Md	-	Br	-
41I	871432	17	432429	5178005	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871433	17	434315	5177778	ACSP	02	1-5	2	-	Md	-	GnBr	-
41I	871434	17	438900	5176108	ACSP	02	.25-1	3	-	Md	-	GnBr	-
41I	871436	17	440802	5174939	ACSP	02	.25-1	9	-	Md	-	GnBr	-
41I	871437	17	444647	5174916	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	871438	17	447381	5172977	ACSP	02	>5	2	-	Md	-	Gy	-
41I	871439	17	450131	5168846	MPQL	04	.25-1	9	-	Md	-	GnBr	-
41I	871440	17	450666	5166247	ACSP	02	.25-1	11	-	Md	-	GnBr	-
41I	871442	17	451819	5165163	MPC	04	.25-1	12	10	Md	-	GnBr	-
41I	871443	17	451819	5165163	MPC	04	.25-1	12	20	Md	-	GnBr	-
41I	871444	17	454358	5160791	ACSP	02	.25-1	8	-	Md	-	Br	-
41I	871445	17	456731	5158418	ACSP	02	1-5	5	-	Md	-	GnGy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41N, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871402	134	61	23	75	7	0.2	118	4.0	<	1.57	135	40.8	1.9	135	22	1.0	0.2	1	10.0	-	-	40	<	2.6	1.28	4	5.8
41I	871403	125	49	22	56	6	<	122	3.0	<	1.49	100	41.2	1.7	105	23	0.8	0.2	1	10.0	-	-	40	<	2.6	1.20	4	5.6
41I	871405	150	59	31	84	14	0.4	292	3.0	<	3.00	145	21.2	3.0	215	37	0.8	0.3	1	10.0	-	-	50	<	6.2	2.12	15	6.3
41I	871406	109	43	16	58	21	0.5	997	9.0	<	5.20	30	2.8	2.5	330	63	<	0.4	<	10.0	3	7.50	40	<	10.2	2.28	28	6.3
41I	871407	204	171	65	338	33	0.8	445	8.0	<	3.55	220	16.6	2.2	175	45	1.4	0.4	9	10.0	9	10.0	50	<	10.0	3.52	22	6.3
41I	871408	560	159	171	160	22	1.3	374	44.0	<	2.75	260	12.6	2.3	150	40	2.4	1.4	19	10.0	20	7.50	50	<	12.0	3.08	26	6.3
41I	871409	133	69	39	78	8	0.6	257	4.0	2	1.85	215	41.2	2.5	125	61	0.8	0.3	2	10.0	-	-	50	<	3.8	1.08	6	5.9
41I	871410	269	77	33	94	19	0.5	5060	18.0	9	4.29	160	14.2	4.0	260	54	4.1	1.0	2	10.0	-	-	50	<	7.4	1.64	14	6.1
41I	871411	122	37	34	48	18	0.2	762	5.0	<	3.85	85	15.0	3.0	195	49	0.5	0.2	<	10.0	-	-	50	<	3.0	0.84	3	5.7
41I	871412	61	41	10	30	14	<	394	1.0	<	2.30	25	3.2	9.0	230	42	<	<	3	10.0	2	10.0	70	<	3.0	0.76	2	5.6
41I	871413	342	48	47	42	32	0.4	8460	5.0	8	15.10	95	33.2	44.7	130	118	2.3	0.2	2	10.0	-	-	60	0.07	3.2	0.32	3	5.9
41I	871414	158	27	6	18	6	<	157	1.0	<	0.38	95	76.4	7.8	<40	13	0.6	<	1	10.0	-	-	40	<	3.2	0.68	4	5.8
41I	871415	220	19	14	9	3	<	765	1.0	<	1.45	75	67.0	10.4	70	22	0.8	<	<	10.0	-	-	60	<	8.4	0.56	16	6.1
41I	871416	181	26	6	17	13	<	138	<	2	1.74	165	65.0	16.7	80	27	0.3	<	<	7.50	-	-	70	<	3.2	0.56	2	5.5
41I	871417	68	18	11	16	4	<	95	<	4	0.69	100	60.0	31.7	95	15	0.3	<	<	10.0	-	-	90	0.24	3.4	0.64	3	5.6
41I	871418	50	12	7	9	<	<	12	<	5	0.11	70	32.6	68.5	65	9	<	<	<	10.0	-	-	90	0.38	3.8	0.72	5	5.8
41I	871419	129	31	24	14	4	<	171	1.0	6	1.51	125	33.8	27.0	105	38	0.6	0.2	<	10.0	-	-	70	0.09	3.8	0.72	6	5.9
41I	871420	121	33	58	24	5	<	150	2.0	2	1.62	90	25.8	12.1	165	26	0.9	0.5	4	10.0	-	-	70	<	2.8	0.52	2	5.5
41I	871422	64	16	17	11	4	<	175	1.0	2	1.58	30	14.4	10.8	140	28	<	<	<	10.0	-	-	70	<	3.8	0.96	8	6.0
41I	871423	89	22	45	18	3	<	186	3.0	3	1.81	55	15.0	10.4	150	30	0.4	0.4	4	10.0	-	-	70	0.06	3.8	0.96	8	5.9
41I	871424	201	36	34	20	26	<	1660	2.0	6	7.38	80	26.4	48.9	135	57	1.0	<	2	10.0	-	-	70	<	2.8	0.68	3	5.7
41I	871425	106	38	28	21	5	<	44	1.0	4	0.64	95	51.6	29.2	65	13	0.7	<	2	10.0	-	-	70	0.31	2.8	0.64	2	5.6
41I	871426	122	38	18	14	7	<	259	1.0	3	2.65	40	19.6	12.4	120	29	0.2	<	2	10.0	-	-	70	<	3.2	0.68	4	5.8
41I	871427	187	86	28	14	12	0.3	231	2.0	12	3.43	170	38.2	58.7	100	55	0.9	0.2	3	10.0	-	-	50	0.08	2.8	0.68	3	5.7
41I	871428	122	66	24	20	12	<	162	1.0	3	1.49	165	38.0	22.9	135	36	0.7	0.2	2	10.0	-	-	80	0.10	3.4	0.68	3	5.7
41I	871429	114	32	8	14	7	<	222	<	3	1.98	40	48.4	54.9	120	20	<	<	1	10.0	-	-	50	0.05	3.4	0.56	6	5.8
41I	871430	59	20	15	14	6	<	39	1.0	2	0.98	90	46.4	14.9	160	19	0.6	<	3	10.0	-	-	80	0.07	2.2	0.60	2	5.4
41I	871431	166	35	9	14	12	<	109	<	5	2.32	90	68.0	22.5	60	26	0.4	<	1	7.50	-	-	70	0.10	3.2	0.76	5	5.8
41I	871432	83	16	8	10	3	<	84	<	2	0.51	50	57.8	8.6	45	12	0.3	<	<	10.0	-	-	70	<	2.6	0.60	2	5.5
41I	871433	120	42	4	15	11	<	31	<	6	0.87	85	30.0	43.0	60	28	0.3	<	1	10.0	-	-	60	0.11	4.4	0.84	7	6.0
41I	871434	67	22	7	20	5	<	36	<	4	0.47	80	46.6	11.2	70	13	0.4	<	2	10.0	-	-	50	<	2.4	0.56	1	5.1
41I	871436	148	30	37	17	11	0.3	321	2.0	18	2.98	120	46.6	17.1	90	46	0.8	0.2	3	10.0	-	-	60	0.10	3.6	0.80	4	5.8
41I	871437	131	24	22	20	3	<	77	1.0	3	0.56	125	48.6	11.7	75	10	1.4	<	2	10.0	-	-	50	0.10	3.4	0.72	3	5.6
41I	871438	53	14	9	16	6	<	225	1.0	<	1.89	15	4.4	3.1	155	21	<	<	<	10.0	30	10.0	50	0.08	5.4	1.40	12	6.1
41I	871439	135	38	51	25	15	0.3	538	3.0	2	2.05	245	52.0	26.5	75	63	1.2	<	3	10.0	-	-	50	0.24	4.4	0.68	5	5.8
41I	871440	149	30	19	21	5	<	206	1.0	2	1.40	180	59.6	18.4	65	48	0.8	0.3	1	10.0	-	-	40	0.17	5.4	0.84	11	6.0
41I	871442	138	35	27	22	6	<	346	2.0	<	1.73	120	60.4	9.7	75	40	0.5	<	2	10.0	-	-	50	<	7.2	0.60	15	6.1
41I	871443	137	35	15	19	7	<	359	1.0	2	1.59	135	60.0	9.9	65	39	0.3	<	<	10.0	-	-	40	<	7.4	0.60	14	6.1
41I	871444	140	40	39	33	6	<	164	4.0	2	2.75	190	40.8	8.2	115	45	1.0	0.2	3	10.0	-	-	50	<	2.4	0.48	2	5.6
41I	871445	95	23	21	30	8	<	260	2.0	<	2.71	60	7.2	3.6	150	24	<	0.2	4	10.0	1	10.0	60	<	3.0	0.68	2	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871446	17	459587	5154641	ACSP	02	1-5	11	-	Md	-	GnGy	-
41I	871447	17	467134	5151570	MPWG	04	1-5	5	-	Md	-	GnGy	-
41I	871448	17	484751	5130774	MPHL	04	1-5	20	-	Md	-	GyBr	-
41I	871449	17	480845	5125739	MPHL	04	1-5	4	-	Md	-	GyBr	-
41I	871450	17	477215	5126333	MPQL	04	.25-1	7	-	Md	-	GyBr	-
41I	871451	17	477312	5124546	MPHL	04	>5	17	-	Md	-	GyBk	-
41I	871452	17	478928	5122630	MPND	04	>5	13	-	Md	-	GyBk	-
41I	871454	17	481039	5120119	MPHL	04	.25-1	23	-	Md	-	Br	-
41I	871455	17	474590	5120294	MPHL	04	1-5	21	-	Md	-	GyBk	-
41I	871456	17	472596	5117854	MPHL	04	1-5	11	-	Md	-	GyBr	-
41I	871457	17	475311	5115286	MPQL	04	.25-1	9	-	Md	-	GnBr	-
41I	871458	17	476181	5113790	MPC	04	1-5	7	-	Md	-	GyBr	-
41I	871459	17	481251	5112294	MPND	04	1-5	10	-	Md	-	-	-
41I	871460	17	478438	5109949	MPC	04	1-5	14	-	Md	-	GyBr	-
41I	871462	17	476062	5110652	MPC	04	.25-1	11	10	Md	-	GnBr	-
41I	871463	17	476062	5110652	MPC	04	.25-1	11	20	Md	-	GnBr	-
41I	871464	17	476065	5108370	LPAD	04	.25-1	7	-	Md	-	GnBr	-
41I	871465	17	480331	5107129	LPAD	04	.25-1	13	-	Md	-	GyBr	-
41I	871466	17	481960	5106033	MPC	04	>5	8	-	Md	-	GyBr	-
41I	871468	17	482088	5109407	MPC	04	.25-1	8	-	Md	-	Br	-
41I	871469	17	484891	5108770	MPC	04	>5	12	-	Md	-	GnBr	-
41I	871470	17	486560	5108475	MPGF	04	.25-1	11	-	Md	-	BrBk	-
41I	871471	17	485452	5106934	MPGF	04	.25-1	7	-	Md	-	GyBr	-
41I	871472	17	488829	5105810	MPS	04	>5	10	-	-	-	GyBr	-
41I	871473	17	486336	5104371	MPGF	04	.25-1	13	-	Md	-	GyBr	-
41I	871474	17	489399	5101610	MPGF	04	.25-1	9	-	Md	-	BrBk	-
41I	871475	17	492374	5104327	MPS	04	.25-1	6	-	Md	-	GyBr	-
41I	871476	17	493267	5102755	LPAD	04	.25-1	5	-	Md	-	GyBr	-
41I	871477	17	495422	5102710	MPGF	04	1-5	4	-	Md	-	GyBr	-
41I	871478	17	495513	5100249	MPS	04	.25-1	12	-	Md	-	BrBk	-
41I	871479	17	499161	5100278	MPS	04	.25-1	11	-	Md	-	GyBr	-
41I	871480	17	500570	5099565	MPS	04	.25-1	4	-	Md	-	Br	-
41I	871482	17	505170	5102117	MPS	04	1-5	6	10	Md	-	GyBk	-
41I	871483	17	505170	5102104	MPS	04	1-5	6	20	Md	-	GyBk	-
41I	871484	17	508418	5102219	MPBN	04	.25-1	4	-	Md	-	GyBr	-
41I	871485	17	517202	5101428	MPS	04	>5	5	-	Md	-	Gy	-
41I	871486	17	520020	5101469	MPS	04	>5	23	-	Md	-	GyBk	-
41I	871487	17	524753	5101299	MPS	04	.25-1	7	-	Md	-	GyBr	-
41I	871488	17	531602	5094466	LPAD	04	.25-1	7	-	Md	-	GyBk	-
41I	871489	17	532841	5097385	MPS	04	.25-1	7	-	Md	-	BrBk	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871446	133	40	22	25	7	<	343	1.0	<	2.29	110	34.4	1.7	145	57	0.7	1.1	1	10.0	-	-	50	<	2.8	0.88	3	5.8
41I	871447	72	79	9	221	20	<	257	1.0	<	1.84	30	2.4	1.8	175	25	<	<	3	10.0	2	10.0	70	<	10.8	2.12	15	6.1
41I	871448	220	177	46	408	59	0.3	2300	85.0	2	2.08	150	12.6	3.0	165	56	1.7	0.8	204	10.0	-	-	60	<	8.4	2.64	13	6.2
41I	871449	137	78	19	181	19	<	311	38.0	<	2.81	85	12.0	2.7	220	29	0.5	<	42	10.0	47	10.0	60	<	8.2	2.64	14	6.1
41I	871450	147	70	12	57	5	0.2	120	2.0	<	1.39	190	50.2	2.3	130	23	0.6	<	3	10.0	-	-	50	<	5.2	1.76	9	6.0
41I	871451	115	34	11	67	13	<	407	4.0	<	2.94	45	6.4	3.7	240	40	0.4	<	7	10.0	5	10.0	50	<	6.4	1.84	8	6.0
41I	871452	113	38	26	62	15	0.2	393	3.0	<	3.10	65	7.7	3.1	250	39	<	0.2	4	10.0	5	10.0	40	<	5.6	1.68	6	5.9
41I	871454	182	51	11	55	14	<	419	2.0	<	2.26	115	27.8	2.6	155	33	1.0	<	2	10.0	-	-	50	<	4.2	1.00	3	5.8
41I	871455	127	42	16	44	10	<	363	2.0	<	2.81	85	17.6	5.0	165	43	0.4	<	<	10.0	-	-	50	<	5.6	1.60	6	5.9
41I	871456	188	75	36	99	13	0.2	170	5.0	<	2.55	210	31.6	3.0	160	40	1.2	0.2	6	10.0	4	5.00	40	<	5.4	1.56	6	5.9
41I	871457	139	58	29	61	11	0.2	234	3.0	<	1.77	190	39.4	2.6	170	41	0.9	<	1	10.0	-	-	30	<	5.4	1.48	11	6.0
41I	871458	107	52	12	57	21	<	590	3.0	<	3.72	60	19.2	3.8	265	52	<	<	1	10.0	-	-	30	<	2.8	0.92	3	5.7
41I	871459	130	34	11	41	13	<	316	1.0	<	2.73	90	22.4	3.7	250	43	0.2	<	3	7.50	-	-	30	<	3.2	1.00	3	5.7
41I	871460	143	35	18	43	9	<	197	2.0	<	1.85	85	26.0	2.1	175	26	0.6	<	<	10.0	-	-	30	<	1.8	0.48	<	4.6
41I	871462	150	35	12	49	21	<	327	2.0	<	3.30	95	20.0	2.7	240	47	0.4	<	3	10.0	-	-	30	<	1.6	0.44	<	4.4
41I	871463	153	28	9	40	17	<	250	2.0	<	2.37	65	28.4	2.6	180	41	0.5	<	<	10.0	-	-	50	<	1.4	0.44	<	4.5
41I	871464	53	24	6	28	25	<	436	1.0	<	2.86	55	3.0	1.9	225	39	<	<	<	10.0	1	10.0	40	<	1.8	0.60	<	4.6
41I	871465	98	23	12	27	13	<	119	2.0	<	1.78	65	13.6	1.9	105	24	0.2	<	<	10.0	-	-	40	<	1.6	0.44	<	4.5
41I	871466	226	38	21	53	58	<	3440	3.0	2	7.79	110	25.0	4.8	135	72	1.1	<	2	10.0	-	-	40	<	2.4	0.72	1	5.2
41I	871468	84	27	8	33	4	0.2	98	1.0	<	0.67	190	39.4	1.8	115	13	0.5	<	2	10.0	-	-	50	<	1.8	0.52	<	4.2
41I	871469	192	31	12	37	32	<	857	2.0	<	4.66	170	23.1	4.2	180	46	0.7	<	3	7.50	-	-	50	<	2.8	0.92	1	5.3
41I	871470	145	47	34	62	12	0.2	284	4.0	<	1.84	200	37.0	6.6	160	28	1.1	0.3	6	10.0	-	-	50	<	2.0	0.68	<	4.7
41I	871471	154	31	18	50	19	<	320	4.0	<	1.68	140	29.0	6.5	180	19	0.8	0.2	1	10.0	-	-	50	<	1.8	0.68	<	4.6
41I	871472	205	40	15	51	26	<	677	4.0	2	4.18	140	22.4	8.0	220	52	1.1	<	2	7.50	-	-	50	<	2.6	0.96	1	5.3
41I	871473	109	29	10	37	5	<	110	1.0	<	0.93	195	40.6	4.7	155	12	0.5	<	2	10.0	-	-	50	<	2.0	0.64	1	5.0
41I	871474	131	34	21	54	9	<	166	3.0	<	1.31	170	37.0	1.3	165	17	0.8	0.2	2	10.0	-	-	50	<	2.0	0.76	<	4.8
41I	871475	157	30	10	39	11	<	188	1.0	<	2.07	160	35.6	1.5	195	26	0.5	<	1	10.0	-	-	50	<	1.6	0.56	1	5.1
41I	871476	119	33	11	42	5	<	93	2.0	<	0.90	230	54.8	1.8	110	16	0.7	<	<	10.0	-	-	60	<	1.6	0.80	1	4.9
41I	871477	192	50	10	55	16	<	187	3.0	<	2.23	160	34.6	7.6	235	46	1.2	<	<	10.0	-	-	50	<	2.2	1.04	2	5.4
41I	871478	172	37	23	41	16	<	433	3.0	<	2.65	195	31.8	1.8	200	41	0.7	0.2	1	10.0	-	-	40	<	2.8	1.12	2	5.5
41I	871479	80	42	23	55	6	<	90	2.0	<	1.31	205	41.6	3.3	205	14	0.7	<	1	10.0	-	-	50	<	1.4	0.80	1	5.0
41I	871480	141	34	17	56	8	<	127	2.0	<	1.24	265	37.2	1.4	130	12	1.2	<	<	10.0	-	-	50	<	2.2	0.84	2	5.4
41I	871482	166	48	30	76	17	<	352	5.0	<	3.82	105	14.4	2.0	320	34	0.2	0.2	4	10.0	-	-	50	<	2.4	1.04	3	5.7
41I	871483	159	48	30	73	17	<	351	4.0	<	3.71	125	15.0	2.1	385	36	0.3	0.2	2	10.0	-	-	40	<	2.6	1.12	3	5.7
41I	871484	157	49	23	73	10	<	164	3.0	<	2.52	205	28.6	1.9	265	22	0.9	<	2	10.0	-	-	40	<	3.2	1.56	6	5.8
41I	871485	177	57	22	133	25	<	517	2.0	<	4.61	125	11.0	2.5	425	40	0.3	<	3	10.0	-	-	50	<	5.4	1.92	13	6.1
41I	871486	157	27	28	16	32	<	1920	5.0	<	14.20	125	47.3	1.1	75	58	<	<	<	10.0	-	-	40	<	2.6	1.00	6	5.9
41I	871487	178	40	20	53	11	<	186	2.0	<	1.57	130	39.6	2.1	175	22	0.8	<	<	10.0	-	-	50	<	2.6	1.20	5	5.8
41I	871488	154	31	15	35	11	<	230	1.0	<	2.34	195	20.8	2.0	245	21	0.3	<	1	10.0	-	-	40	<	5.4	2.04	14	6.1
41I	871489	192	66	27	40	10	0.2	183	2.0	2	1.88	235	52.2	1.7	130	30	1.3	0.2	2	10.0	-	-	40	<	9.4	4.00	35	6.3

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871490	17	530563	5100962	MPS	04	1-5	3	-	Md	-	Gy	-
41I	871491	17	528592	5102183	MPS	04	.25-1	5	-	Md	-	Br	-
41I	871492	17	521646	5104385	MPGF	04	1-5	14	-	Md	-	BrBk	-
41I	871494	17	517678	5103602	MPS	04	>5	3	-	Md	-	GyBr	-
41I	871495	17	517962	5106587	MPS	04	.25-1	5	-	Md	-	GyBr	-
41I	871496	17	509270	5108473	MPS	04	.25-1	5	-	Md	-	Br	-
41I	871497	17	507343	5105713	MPS	04	.25-1	4	-	Md	-	Br	-
41I	871498	17	502895	5110102	MPS	04	.25-1	9	-	Md	-	Br	-
41I	871499	17	501130	5110441	MPS	04	1-5	10	-	Md	-	GyBr	-
41I	871500	17	501368	5108796	MPS	04	1-5	8	-	Md	-	GyBr	-
41I	871502	17	499374	5107337	MPS	04	1-5	5	10	Md	-	GyBr	-
41I	871503	17	499349	5107299	MPS	04	1-5	5	20	Md	-	GyBr	-
41I	871504	17	496829	5105709	MPS	04	1-5	7	-	Md	-	Gy	-
41I	871506	17	494699	5107604	MPS	04	>5	8	-	Md	-	GnBr	-
41I	871507	17	490994	5106310	MPS	04	>5	16	-	Md	-	GyBr	-
41I	871508	17	492886	5108746	MPS	04	.25-1	16	-	Md	-	GyBr	-
41I	871509	17	491326	5109110	MPS	04	>5	18	-	Md	-	GyBr	-
41I	871510	17	489499	5110786	MPGF	04	.25-1	9	-	Md	-	GyBr	-
41I	871511	17	494489	5111572	MPS	04	.25-1	6	-	Md	-	GyBr	-
41I	871512	17	494296	5114637	MPS	04	.25-1	5	-	Md	-	Br	-
41I	871513	17	489793	5115645	MPQL	04	.25-1	9	-	Md	-	GyBr	-
41I	871514	17	488993	5113695	MPQL	04	.25-1	6	-	Md	-	GnBr	-
41I	871515	17	486926	5114236	MPHL	04	.25-1	10	-	Md	-	GyBr	-
41I	871516	17	486685	5112363	MPC	04	.25-1	7	-	Md	-	GyBr	-
41I	871517	17	483289	5111442	MPC	04	>5	7	-	Md	-	GyBr	-
41I	871518	17	483468	5114853	MPQL	04	.25-1	23	-	Md	-	GyBr	-
41I	871519	17	480106	5116258	MPHL	04	>5	9	-	Md	-	GyBr	-
41I	871520	17	481892	5117569	MPHL	04	>5	8	-	Md	-	GyBr	-
41I	871522	17	486931	5117471	MPHL	04	>5	6	10	Md	-	GyBr	-
41I	871523	17	486931	5117471	MPHL	04	>5	6	20	Md	-	GyBr	-
41I	871524	17	486098	5118781	MPHL	04	.25-1	12	-	Md	-	GyBr	-
41I	871525	17	488875	5120020	MPHL	04	.25-1	7	-	Md	-	GyBr	-
41I	871526	17	489071	5123272	MPGF	04	.25-1	4	-	Md	-	GyBr	-
41I	871527	17	483307	5121305	MPHL	04	1-5	6	-	Md	-	GyBr	-
41I	871528	17	485318	5124274	MPHL	04	.25-1	20	-	Md	-	GyBr	-
41I	871529	17	483425	5124412	MPGF	04	.25-1	8	-	Md	-	GyBk	-
41I	871530	17	483305	5126460	MPHL	04	.25-1	13	-	Md	-	GyBr	-
41I	871531	17	485675	5133034	MPHL	04	1-5	11	-	Md	-	GyBr	-
41I	871532	17	463207	5154372	MPSG	04	.25-1	4	-	Md	-	GyBr	-
41I	871533	17	460641	5157173	ACSP	02	.25-1	14	-	Md	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871490	140	39	19	60	17	<	489	2.0	<	3.53	95	9.8	2.9	290	27	0.4	<	4	10.0	3	10.0	40	<	6.8	2.52	19	6.2
41I	871491	155	38	11	30	5	<	123	1.0	<	1.20	195	58.0	1.9	115	17	0.6	<	2	10.0	-	-	30	<	3.0	1.52	10	6.0
41I	871492	173	38	45	33	25	<	591	5.0	<	3.23	195	49.0	1.6	110	52	0.7	0.3	1	10.0	-	-	40	<	2.2	1.08	5	5.9
41I	871494	196	39	20	81	22	<	376	5.0	<	3.97	135	13.8	2.4	335	40	<	0.2	3	10.0	-	-	50	<	4.0	1.72	9	6.0
41I	871495	211	58	31	104	22	<	391	4.0	<	2.74	160	27.8	2.1	225	22	1.4	0.2	2	10.0	-	-	50	<	3.4	1.60	8	6.0
41I	871496	102	51	26	66	6	0.3	101	2.0	<	0.96	195	45.2	1.3	120	13	0.7	<	3	10.0	-	-	40	<	2.4	1.32	3	5.6
41I	871497	141	32	5	35	6	0.2	93	1.0	<	0.93	155	47.4	1.8	120	15	0.5	<	1	10.0	-	-	50	<	3.2	1.56	9	6.0
41I	871498	174	45	20	59	15	<	223	2.0	<	2.26	290	32.2	2.3	<	29	0.8	0.2	4	10.0	<	5.00	40	<	2.8	1.28	4	5.8
41I	871499	193	51	22	77	14	<	191	3.0	<	2.43	195	24.6	2.0	205	22	0.6	0.2	<2	5.00	-	-	40	<	2.2	0.80	1	5.0
41I	871500	177	43	21	72	16	0.2	329	2.0	<	3.10	195	18.8	2.2	215	30	0.6	0.2	1	10.0	-	-	50	<	2.4	1.04	3	5.7
41I	871502	162	30	12	54	16	0.2	308	2.0	<	3.04	135	16.2	2.4	240	29	0.2	0.2	<	10.0	-	-	50	<	2.6	1.00	3	5.7
41I	871503	156	29	11	52	15	<	284	2.0	<	2.92	135	18.2	2.0	205	31	<	<	2	10.0	-	-	50	<	2.4	1.00	3	5.6
41I	871504	131	44	27	67	8	0.3	124	2.0	<	1.39	205	35.6	1.9	115	14	1.2	<	3	10.0	-	-	60	<	2.2	0.96	2	5.5
41I	871506	134	20	9	33	13	<	200	<	<	2.34	135	22.2	2.6	165	20	<	<	1	10.0	-	-	50	<	2.8	1.04	1	5.4
41I	871507	212	47	22	57	28	<	841	6.0	<	4.83	165	28.4	7.2	165	57	1.5	0.2	2	10.0	-	-	50	<	2.8	0.96	1	5.2
41I	871508	164	55	33	72	18	0.2	378	3.0	<	3.56	140	20.2	2.5	205	46	0.4	0.2	3	10.0	-	-	50	<	2.6	1.12	2	5.6
41I	871509	180	63	30	72	26	<	766	5.0	2	4.93	175	25.8	7.2	170	56	0.8	0.3	4	5.00	-	-	50	<	2.4	0.96	1	5.2
41I	871510	75	32	12	38	5	<	112	2.0	<	0.83	205	44.0	5.9	95	12	0.4	<	<	10.0	-	-	40	<	1.2	0.44	<	4.3
41I	871511	156	29	10	53	15	<	176	1.0	<	2.49	130	24.8	2.3	185	22	0.2	<	<2	5.00	-	-	50	<	2.0	0.76	1	5.1
41I	871512	106	45	13	77	9	<	101	1.0	<	1.23	165	32.8	3.3	150	10	0.3	<	2	10.0	-	-	50	<	2.4	0.80	1	5.1
41I	871513	132	49	16	67	10	<	183	2.0	<	2.23	95	25.2	3.8	175	21	0.2	<	3	10.0	-	-	50	<	2.8	0.72	1	5.3
41I	871514	72	32	8	44	22	<	406	<	<	3.21	35	2.2	2.2	365	43	<	<	3	10.0	2	10.0	40	<	2.8	0.72	1	5.2
41I	871515	167	91	45	117	18	<	282	6.0	<	3.17	165	26.2	2.3	240	43	0.7	0.2	6	10.0	7	5.00	40	<	3.4	0.96	2	5.6
41I	871516	110	53	19	68	7	0.3	118	3.0	<	1.53	200	38.0	1.9	165	19	0.5	<	3	10.0	-	-	50	<	2.4	0.92	2	5.3
41I	871517	164	40	13	54	16	<	319	2.0	<	2.85	135	27.4	3.4	205	35	0.3	<	3	10.0	-	-	60	<	3.2	0.88	3	5.7
41I	871518	294	58	15	85	35	<	4780	8.0	3	7.20	140	30.6	4.5	170	47	1.5	<	3	10.0	-	-	50	<	4.4	1.08	3	5.8
41I	871519	177	51	15	65	20	<	349	6.0	<	2.48	170	33.4	3.4	130	30	0.3	<	6	10.0	5	5.00	40	<	4.6	1.20	8	5.9
41I	871520	91	35	12	70	15	<	288	4.0	<	2.17	65	6.5	2.9	145	18	<	<	52	10.0	6	10.0	50	<	5.0	1.48	5	5.9
41I	871522	162	48	14	87	15	<	266	3.0	<	2.47	95	20.2	3.6	210	21	<	<	2	10.0	-	-	50	<	4.8	1.36	5	5.8
41I	871523	161	58	19	101	16	<	278	5.0	<	2.49	125	20.4	3.1	160	21	0.2	<	2	10.0	5	10.0	50	<	4.8	1.28	5	5.8
41I	871524	167	93	30	123	20	0.3	271	5.0	<	3.06	225	30.0	3.3	225	47	0.8	0.2	2	10.0	-	-	40	<	2.6	0.84	1	5.2
41I	871525	188	49	11	61	25	<	538	4.0	<	3.10	160	31.2	5.2	130	40	0.6	<	<	10.0	-	-	50	<	3.0	1.16	2	5.6
41I	871526	163	61	17	108	20	<	182	5.0	<	2.65	165	20.0	3.6	190	29	<	<	<	10.0	-	-	50	<	2.2	0.80	<	4.8
41I	871527	67	34	5	36	13	<	238	2.0	<	2.85	60	5.8	2.3	305	32	<	<	1	10.0	3	10.0	40	<	3.2	1.08	1	5.0
41I	871528	187	104	33	133	38	<	759	10.0	<	4.85	165	26.0	2.8	140	55	0.8	0.3	4	10.0	6	7.50	40	<	3.0	1.04	2	5.4
41I	871529	83	38	10	50	17	<	362	2.0	<	2.97	35	3.2	2.7	295	44	<	<	<	10.0	8	5.00	40	<	3.4	1.08	1	5.5
41I	871530	123	40	15	59	17	<	378	3.0	<	3.09	120	21.6	2.0	180	41	0.2	0.2	2	10.0	-	-	40	<	4.0	1.32	4	5.8
41I	871531	115	53	13	73	12	<	253	3.0	<	2.93	160	14.4	2.6	175	25	<	<	3	10.0	-	-	50	<	7.4	2.40	11	6.1
41I	871532	65	17	3	16	3	<	49	<	<	0.45	105	60.8	0.8	50	8	<	<	<	10.0	-	-	50	<	1.2	0.40	2	5.4
41I	871533	94	32	17	34	12	<	270	3.0	<	2.11	125	26.2	1.7	180	29	<	<	5	10.0	3	5.00	40	<	2.6	0.76	3	5.7

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871534	17	457235	5160656	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	871535	17	456488	5165614	ACSP	02	.25-1	2	-	Md	-	GyBr	-
41I	871536	17	455906	5167940	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	871538	17	453475	5169558	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871539	17	452225	5171082	MPND	04	.25-1	15	-	Md	-	Br	-
41I	871540	17	450890	5173109	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871542	17	449943	5176468	ACSP	02	.25-1	5	10	Md	-	GyBr	-
41I	871543	17	449931	5176468	ACSP	02	.25-1	5	20	Md	-	GyBr	-
41I	871545	17	446998	5175536	ACSP	02	>5	2	-	Md	-	GyBr	-
41I	871546	17	443583	5176597	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871547	17	440863	5179998	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871548	17	438037	5178899	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871549	17	435279	5183571	AMVF	02	.25-1	7	-	Md	-	GyBr	-
41I	871550	17	434568	5186374	AMVB	02	.25-1	13	-	Md	-	GyBr	-
41I	871551	17	430778	5186868	AMVB	02	.25-1	4	-	Md	-	GyBr	-
41I	871552	17	428195	5189224	ACSP	02	1-5	11	-	Md	-	GyBr	-
41I	871553	17	425619	5187024	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871554	17	423913	5190034	ACSP	02	1-5	12	-	Md	-	GyBr	-
41I	871555	17	426051	5191622	ACSP	02	.25-1	5	-	Md	-	GyBr	-
41I	871556	17	427953	5193142	ACSP	02	1-5	15	-	Md	-	GyBr	-
41I	871557	17	429917	5193892	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871558	17	426825	5196171	ACSP	02	1-5	15	-	Md	-	GyBr	-
41I	871559	17	425001	5194847	ACSP	02	.25-1	6	-	Md	-	GyBr	-
41I	871560	17	424096	5197258	ACSP	02	.25-1	12	-	Md	-	GyBr	-
41I	871562	17	425270	5201048	ACSP	02	>5		10	Md	-	GyBr	-
41I	871563	17	425270	5201048	ACSP	02	>5		20	Md	-	GyBr	-
41I	871565	17	424883	5204522	ACSP	02	>5	5	-	Md	-	GyBr	-
41I	871566	17	426754	5204097	ACSP	02	1-5	17	-	Md	-	GyBr	-
41I	871567	17	428365	5201788	ACSP	02	1-5	17	-	Md	-	GyBr	-
41I	871568	17	429375	5199500	ACSP	02	1-5	18	-	Md	-	GyBr	-
41I	871569	17	431923	5197610	ACSP	02	>5	9	-	Md	-	GyBr	-
41I	871570	17	431059	5196278	ACSP	02	1-5	20	-	Md	-	GyBr	-
41I	871571	17	434388	5192859	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871572	17	433243	5188751	ACSP	02	.25-1	8	-	Md	-	GyBr	-
41I	871573	17	435593	5190553	ACSP	02	1-5	5	-	Md	-	GyBr	-
41I	871574	17	437213	5185142	AUB	02	.25-1	6	-	Md	-	Br	-
41I	871575	17	438809	5183233	AMVF	02	.25-1	11	-	Md	-	GyBr	-
41I	871576	17	443326	5181017	AMVF	02	.25-1	5	-	Md	-	GyBr	-
41I	871577	17	446721	5180489	AMVB	02	.25-1	4	-	Md	-	GyBr	-
41I	871578	17	448629	5179257	ACSP	02	.25-1	10	-	Md	-	GyBr	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871534	56	22	6	20	3	<	38	<	2	0.61	130	54.8	4.0	80	10	<	<	<	10.0	-	-	50	<	2.2	0.48	1	5.0
41I	871535	62	21	17	33	8	<	65	<	<	0.84	105	28.2	2.1	100	8	<	<	<	10.0	-	-	60	<	1.6	0.40	<	4.4
41I	871536	114	24	13	22	7	<	93	1.0	<	0.66	165	47.8	3.3	80	16	0.3	<	<	10.0	-	-	60	<	2.4	0.52	1	5.1
41I	871538	77	15	7	14	3	<	40	<	<	0.47	195	52.4	7.5	65	11	0.4	<	<	10.0	-	-	60	<	2.0	0.44	<	4.6
41I	871539	110	41	96	32	18	<	268	7.0	<	2.34	325	46.6	11.8	70	47	1.3	0.6	4	10.0	-	-	50	0.11	2.6	0.44	2	5.6
41I	871540	237	37	4	21	17	0.3	48	<	4	0.54	135	69.0	5.8	60	32	1.1	<	<	10.0	-	-	50	<	2.4	0.52	2	5.4
41I	871542	140	48	4	21	12	<	140	<	<	1.09	125	49.2	20.1	90	21	0.7	<	4	10.0	-	-	50	<	3.0	0.56	5	5.8
41I	871543	136	46	4	22	11	0.2	113	<	2	0.94	100	50.8	19.5	80	18	0.9	<	2	10.0	-	-	40	<	3.4	0.60	5	5.8
41I	871545	90	19	6	16	8	0.2	178	<	<	1.69	95	19.8	8.5	140	26	<	<	4	10.0	-	-	50	0.13	7.6	1.92	20	6.2
41I	871546	149	26	13	19	8	<	58	<	2	0.63	160	60.6	18.3	60	10	1.6	<	3	10.0	-	-	50	0.12	3.4	0.56	5	5.8
41I	871547	121	26	6	15	9	<	66	<	4	0.61	130	53.2	16.0	65	20	0.7	<	2	10.0	-	-	50	<	2.6	0.52	2	5.6
41I	871548	161	44	12	21	17	<	586	1.0	7	5.13	65	21.8	52.0	130	37	0.6	<	2	10.0	-	-	50	0.06	2.0	0.36	1	5.3
41I	871549	78	34	14	15	5	<	92	<	2	1.15	165	37.6	11.0	85	31	0.6	<	2	10.0	-	-	50	0.06	2.2	0.56	1	5.3
41I	871550	80	48	20	21	7	0.2	91	<	<	1.30	225	50.0	3.7	70	43	0.4	<	1	10.0	-	-	40	<	2.2	0.60	1	5.3
41I	871551	84	24	8	15	9	<	254	<	3	2.16	120	27.2	11.3	140	23	0.2	<	2	10.0	-	-	50	0.07	2.8	0.60	2	5.5
41I	871552	140	32	20	20	9	<	216	1.0	2	3.05	165	34.4	46.9	165	43	0.7	<	2	10.0	-	-	50	0.07	3.2	0.88	5	5.9
41I	871553	102	31	16	18	8	<	96	2.0	2	1.01	165	38.4	29.1	65	19	0.7	<	<	10.0	-	-	50	0.26	3.6	0.64	4	5.8
41I	871554	122	22	52	22	11	<	215	3.0	<	2.26	130	20.5	28.8	170	27	1.0	0.3	<	10.0	-	-	50	0.17	2.8	0.68	4	5.7
41I	871555	139	30	6	17	10	<	76	<	<	1.82	80	64.0	27.4	80	18	0.5	<	2	10.0	-	-	50	0.07	2.4	0.64	2	5.5
41I	871556	102	31	9	24	6	<	129	<	<	1.26	55	45.8	11.3	140	23	0.4	<	3	10.0	-	-	50	0.06	3.4	0.88	6	5.8
41I	871557	122	51	10	23	10	<	394	<	3	2.35	65	49.6	70.8	105	25	0.6	<	1	10.0	-	-	60	0.08	2.8	0.64	4	5.7
41I	871558	115	21	13	15	6	<	179	1.0	2	3.09	135	21.4	35.4	150	34	<	<	1	10.0	-	-	50	0.08	3.4	0.88	6	5.9
41I	871559	135	23	11	16	12	<	141	<	2	1.48	85	55.4	28.7	65	20	0.5	<	<	10.0	-	-	50	0.08	2.8	0.60	1	5.1
41I	871560	124	20	16	13	13	<	366	1.0	4	4.75	135	28.6	29.8	115	49	0.4	<	4	10.0	<	5.00	50	0.09	2.2	0.68	2	5.6
41I	871562	103	22	15	14	8	<	250	1.0	2	1.98	170	28.4	20.7	125	43	0.4	<	<	10.0	-	-	60	0.11	4.2	0.96	7	5.9
41I	871563	78	22	12	14	8	<	290	1.0	2	1.65	135	25.4	21.6	115	35	0.3	<	2	10.0	-	-	60	0.11	4.2	1.00	7	6.0
41I	871565	90	17	14	18	8	<	246	1.0	<	2.82	140	22.0	17.6	175	31	0.4	<	3	10.0	-	-	60	0.10	3.8	1.00	6	5.9
41I	871566	110	25	29	21	9	<	179	2.0	<	2.44	135	24.2	7.2	130	31	0.6	<	<	10.0	-	-	50	0.07	3.6	0.88	5	5.8
41I	871567	120	25	25	19	9	<	314	2.0	2	3.15	65	24.2	34.7	160	37	0.6	0.2	1	10.0	-	-	50	0.06	3.0	0.72	3	5.7
41I	871568	140	39	11	15	5	<	360	1.0	9	3.66	100	44.8	52.9	130	42	0.5	<	1	10.0	-	-	50	<	3.8	0.84	5	5.8
41I	871569	100	16	13	16	5	<	253	1.0	<	2.02	95	18.4	26.8	150	20	<	<	1	10.0	-	-	60	0.12	3.6	0.88	6	5.9
41I	871570	144	39	29	17	8	<	247	2.0	2	1.69	195	43.8	51.2	115	25	1.0	0.2	1	10.0	-	-	70	0.09	3.2	0.68	3	5.7
41I	871571	87	30	7	16	3	<	22	<	2	0.35	100	47.5	75.5	65	13	0.2	<	1	10.0	-	-	80	0.53	2.6	0.56	1	5.2
41I	871572	115	26	30	21	8	<	96	2.0	<	1.44	185	44.2	17.2	90	27	0.8	<	<	10.0	-	-	60	0.08	2.2	0.52	2	5.4
41I	871573	106	30	9	12	9	<	115	<	3	2.80	95	51.6	38.3	70	30	<	<	<	10.0	-	-	60	0.07	3.4	0.84	4	5.8
41I	871574	64	38	14	18	4	0.3	71	<	<	0.76	165	46.6	6.7	85	26	0.5	<	<	10.0	-	-	70	<	3.2	0.92	5	5.8
41I	871575	134	52	23	18	8	0.2	202	2.0	2	1.22	220	40.4	14.7	80	41	1.1	<	1	10.0	-	-	60	<	2.0	0.60	<	4.9
41I	871576	143	38	13	21	14	0.2	193	<	3	3.05	100	32.0	37.0	125	46	0.6	<	<	10.0	-	-	50	0.15	2.8	0.60	2	5.5
41I	871577	95	40	14	16	4	0.2	99	<	<	1.77	245	48.8	1.5	50	63	0.5	<	<	10.0	-	-	50	0.09	4.2	0.92	7	5.9
41I	871578	117	39	25	32	9	<	347	1.0	2	1.60	130	40.4	7.2	105	26	0.7	<	2	10.0	-	-	40	<	5.0	0.88	11	6.0

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871579	17	451144	5178414	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	871580	17	454986	5176725	ACSP	02	.25-1	18	-	Md	-	GyBr	-
41I	871582	17	456071	5171236	ACSP	02	.25-1	1	10	Md	-	Br	-
41I	871583	17	456071	5171236	ACSP	02	.25-1	1	20	Md	-	Br	-
41I	871585	17	459456	5164296	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	871586	17	459853	5160530	ACSP	02	.25-1	2	-	Md	-	Br	-
41I	871587	17	468016	5154129	MPWG	04	.25-1	1	-	Md	-	GnBr	-
41I	871588	17	465432	5156410	MPSG	04	.25-1	15	-	Md	-	GnBr	-
41I	871589	17	467439	5157618	MPSG	04	.25-1	14	-	Md	-	GnGy	-
41I	871590	17	463596	5159205	ACSP	02	1-5	18	-	Md	-	GnBr	-
41I	871591	17	463358	5161539	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	871592	17	461878	5165017	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	871593	17	460024	5169197	ACSP	02	1-5	12	-	Md	-	GnBr	-
41I	871594	17	459285	5170971	ACSP	02	.25-1	12	-	Md	-	GnBr	-
41I	871595	17	457128	5175453	ACSP	02	.25-1	9	-	Md	-	GnBr	-
41I	871596	17	455183	5179393	ACSP	02	.25-1	3	-	Md	-	Gn	-
41I	871597	17	452015	5183070	AMVF	02	.25-1	5	-	Md	-	Br	-
41I	871598	17	449257	5182435	AMVF	02	.25-1	10	-	Md	-	GyBr	-
41I	871599	17	445565	5181854	AMVF	02	.25-1	8	-	Md	-	GnBr	-
41I	871600	17	442338	5184039	ACSP	02	pond	4	-	Md	-	GnBr	-
41I	871602	17	440275	5186378	ACSP	02	1-5	8	10	Md	-	GnBr	-
41I	871603	17	440275	5186378	ACSP	02	1-5	8	20	Md	-	GnBr	-
41I	871604	17	440942	5188348	ACSP	02	1-5	12	-	Md	-	BrBk	-
41I	871605	17	439400	5190568	ACSP	02	>5	1	-	Md	-	Br	-
41I	871606	17	438826	5193077	ACSP	02	>5	11	-	Md	-	GnBr	-
41I	871607	17	437352	5195773	ACSP	02	>5	16	-	Md	-	GnBr	-
41I	871608	17	437455	5197247	ACSP	02	>5	18	-	Md	-	GnGy	-
41I	871609	17	436928	5199286	ACSP	02	>5	14	-	Md	-	GnBr	-
41I	871610	17	434844	5199318	ACSP	02	.25-1	4	-	Md	-	GnBr	-
41I	871611	17	434042	5197203	ACSP	02	.25-1	22	-	Md	-	GnBr	-
41I	871612	17	431500	5200000	ACSP	02	1-5	15	-	Md	-	GnBr	-
41I	871613	17	430538	5204392	ACSP	02	1-5	24	-	Md	-	GyBr	-
41I	871614	17	433293	5203324	ACSP	02	.25-1	20	-	Md	-	GnBr	-
41I	871615	17	436161	5202197	ACSP	02	>5	10	-	Md	-	GnGy	-
41I	871616	17	440500	5204200	ACSP	02	.25-1	5	-	Md	-	GnBr	-
41I	871617	17	445279	5204590	ACSP	02	.25-1	20	-	Md	-	-	-
41I	871619	17	442388	5203340	ACSP	02	.25-1	5	-	Md	-	GnBr	-
41I	871620	17	442033	5201411	ACSP	02	.25-1	11	-	Md	-	GnBr	-
41I	871623	17	444073	5199377	ACSP	02	.25-1	4	10	Md	-	GnBr	-
41I	871624	17	444073	5199390	ACSP	02	.25-1	4	20	Md	-	GnBr	-

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871579	135	27	10	16	6	0.2	392	1.0	<	1.14	140	58.6	6.0	55	18	0.6	<	<	10.0	-	-	40	<	2.6	0.56	6	5.9
41I	871580	129	30	32	47	9	0.2	601	5.0	<	3.18	135	30.8	7.7	95	54	1.3	0.2	1	10.0	-	-	50	0.07	4.2	1.00	7	5.9
41I	871582	256	42	11	42	10	<	41	2.0	3	1.35	60	25.0	30.6	65	34	2.9	<	1	10.0	-	-	60	0.10	12.8	2.16	26	6.3
41I	871583	164	42	8	29	8	<	31	<	2	0.93	60	23.8	29.8	55	28	2.2	<	1	10.0	-	-	50	0.11	12.8	2.16	26	6.3
41I	871585	81	29	16	32	4	<	39	1.0	<	0.38	90	49.0	1.4	50	11	0.5	<	<	10.0	-	-	70	<	2.2	0.64	<	4.8
41I	871586	100	32	19	36	7	<	65	2.0	<	1.05	130	43.2	1.2	95	19	0.7	<	2	10.0	-	-	60	<	2.6	0.60	1	4.9
41I	871587	103	36	20	52	8	0.2	178	3.0	<	1.70	95	19.0	1.5	130	26	0.6	<	4	10.0	2	7.50	60	<	9.6	2.08	26	6.2
41I	871588	127	65	67	81	13	0.4	249	9.0	<	1.77	190	28.8	1.7	150	29	1.2	0.4	6	10.0	4	5.00	60	<	2.4	0.48	2	5.6
41I	871589	200	91	98	99	17	0.7	315	12.0	<	2.05	220	40.0	1.6	100	33	1.9	0.6	8	10.0	-	-	60	<	2.2	0.48	1	5.4
41I	871590	112	43	26	48	9	<	224	6.0	<	2.65	95	27.0	2.6	130	35	0.4	0.2	3	10.0	-	-	50	<	3.8	1.00	3	5.7
41I	871591	71	32	11	34	4	<	38	2.0	<	0.42	100	41.8	1.0	65	14	0.5	<	<	10.0	-	-	60	<	1.6	0.44	<	4.7
41I	871592	164	71	48	127	11	0.3	83	3.0	<	1.33	170	35.6	1.7	105	17	2.4	0.2	12	10.0	-	-	60	<	2.4	0.72	1	5.3
41I	871593	111	46	41	79	8	<	156	3.0	<	1.61	95	48.2	4.6	140	22	0.8	0.2	6	10.0	4	5.00	60	<	2.2	0.40	1	5.4
41I	871594	136	71	80	73	10	0.4	102	7.0	<	2.36	290	43.4	12.5	95	42	1.5	0.4	5	10.0	3	5.00	70	0.11	2.4	0.60	3	5.6
41I	871595	155	53	57	146	14	0.2	177	4.0	2	1.92	130	38.8	9.0	140	27	1.6	0.2	3	10.0	-	-	60	0.15	4.2	0.76	4	5.8
41I	871596	183	34	12	21	7	<	81	1.0	2	0.37	85	44.0	9.5	50	15	3.6	<	<	10.0	-	-	40	0.07	7.6	1.24	14	6.1
41I	871597	445	36	31	21	7	0.2	123	1.0	2	0.83	185	62.2	0.9	55	23	5.4	<	4	10.0	-	-	40	<	2.6	0.36	3	5.7
41I	871598	148	39	18	30	13	0.2	148	<	<	2.67	180	38.4	3.4	85	27	0.4	<	<	10.0	-	-	40	<	3.4	0.88	5	5.8
41I	871599	108	32	13	17	4	<	98	1.0	<	0.81	220	55.0	1.0	65	18	0.7	<	2	10.0	-	-	40	<	2.2	0.40	1	5.2
41I	871600	90	27	18	20	6	<	51	1.0	<	1.10	280	39.0	8.7	75	17	0.4	<	<	10.0	-	-	50	0.06	2.8	0.60	1	5.1
41I	871602	64	9	12	8	5	<	292	1.0	3	4.52	55	5.6	13.9	160	24	0.2	<	<	10.0	<	10.0	60	0.15	3.8	0.80	5	5.9
41I	871603	97	15	17	9	7	<	443	1.0	5	6.94	65	10.4	22.0	125	43	0.3	<	1	10.0	-	-	60	0.14	3.8	0.80	5	5.9
41I	871604	138	35	37	12	7	<	317	2.0	2	3.39	220	47.0	29.0	60	70	0.7	0.2	2	10.0	-	-	60	0.11	3.2	0.76	4	5.8
41I	871605	53	18	8	10	3	<	54	<	<	0.74	100	47.8	22.0	80	13	0.3	<	<	10.0	-	-	70	0.13	2.8	0.80	3	5.7
41I	871606	101	18	26	12	6	<	370	2.0	<	2.33	90	17.2	25.0	125	17	0.7	<	1	10.0	-	-	60	0.07	3.4	0.84	4	5.8
41I	871607	132	21	18	11	6	<	819	1.0	2	2.33	65	20.2	43.8	140	28	0.7	<	3	10.0	-	-	60	0.09	3.8	0.88	5	5.9
41I	871608	48	14	8	13	6	<	435	1.0	<	1.54	20	2.6	13.3	220	15	<	<	1	10.0	5	10.0	60	0.07	3.6	0.88	5	5.9
41I	871609	97	23	19	11	4	0.2	242	1.0	2	1.31	65	26.8	41.8	110	19	0.8	<	<	10.0	-	-	60	0.08	3.6	0.84	5	5.9
41I	871610	142	29	10	21	8	<	191	<	4	1.25	125	49.8	39.5	110	12	1.0	<	<	10.0	-	-	70	0.10	3.6	0.96	6	5.9
41I	871611	132	32	35	10	6	<	420	2.0	6	1.57	165	37.0	193.0	100	18	1.0	0.2	2	10.0	-	-	60	0.22	3.8	0.60	5	5.9
41I	871612	96	19	22	10	4	0.2	336	2.0	<	1.96	120	19.8	29.2	130	18	0.7	<	<	10.0	-	-	60	0.14	3.6	0.80	6	5.9
41I	871613	152	6	15	4	4	<	271	1.0	<	1.41	40	4.8	4.4	105	9	0.4	<	<	10.0	<	10.0	50	0.09	3.4	0.84	5	5.9
41I	871614	134	26	36	12	5	0.2	194	3.0	2	1.40	150	40.2	56.1	105	22	1.0	0.2	2	10.0	-	-	50	0.18	3.0	0.76	3	5.7
41I	871615	62	9	15	9	3	<	385	1.0	<	1.22	60	7.4	14.4	155	9	0.4	<	7	10.0	2	10.0	60	0.07	3.6	0.88	5	5.9
41I	871616	114	24	13	14	8	<	107	1.0	2	0.94	120	5.2	39.4	90	14	0.9	<	3	10.0	-	-	60	0.22	3.2	0.64	2	5.5
41I	871617	136	32	46	16	9	0.2	192	3.0	3	1.90	185	32.2	40.0	140	29	1.0	0.3	4	10.0	<	5.00	60	0.08	2.8	0.68	2	5.7
41I	871619	140	30	12	16	9	<	258	<	<	2.18	65	35.0	138.0	120	18	1.0	<	<	10.0	-	-	60	0.17	2.0	0.44	<	4.7
41I	871620	164	25	39	15	12	<	386	3.0	3	4.96	165	32.6	49.9	185	26	1.2	0.2	2	10.0	-	-	70	0.10	2.4	0.52	1	5.4
41I	871623	86	22	12	10	4	0.2	110	<	<	0.93	140	40.0	15.8	85	16	0.7	<	<	10.0	-	-	60	<	2.0	0.52	1	4.9
41I	871624	70	21	12	11	4	0.2	111	1.0	<	0.87	190	42.2	16.9	90	17	0.7	<	1	10.0	-	-	60	<	1.8	0.48	1	4.9

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871625	17	440318	5199527	ACSP	02	.25-1	2	-	Md	-	GnBr	-
41I	871626	17	442812	5197171	ACSP	02	.25-1	8	-	Md	-	GnBr	-
41I	871627	17	445003	5195663	ACSP	02	.25-1	2	-	Md	-	GnBr	-
41I	871628	17	444062	5192939	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871629	17	445772	5192949	ACSP	02	.25-1	1	-	Md	-	GnBr	-
41I	871630	17	444882	5189633	ACSP	02	.25-1	10	-	Md	-	GnBr	-
41I	871631	17	446583	5186719	ACSP	02	.25-1	3	-	Md	-	GnBr	-
41I	871632	17	449508	5186837	ACSP	02	.25-1	3	-	Md	-	GnBr	-
41I	871633	17	451097	5185469	ACSP	02	.25-1	6	-	Md	-	GnBr	-
41I	871634	17	454087	5184513	ACSP	02	pond	3	-	Md	-	GnBr	-
41I	871635	17	455903	5182303	MPC	04	.25-1	4	-	Md	-	GnBr	-
41I	871636	17	459640	5179624	MPND	04	1-5	8	-	Md	-	GnBr	-
41I	871637	17	459542	5174687	ACSP	02	1-5	6	-	Md	-	GnBr	-
41I	871638	17	461645	5170548	ACSP	02	.25-1	4	-	Md	-	GnBr	-
41I	871639	17	462456	5168259	ACSP	02	.25-1	10	-	Md	-	GnBr	-
41I	871640	17	465573	5161893	ACSP	02	1-5	20	-	Md	-	GnBr	-
41I	871642	17	469076	5162725	MPSG	04	.25-1	10	10	Md	-	GyBr	-
41I	871643	17	469076	5162725	MPSG	04	.25-1	10	20	Md	-	GyBr	-
41I	871644	17	465183	5165653	ACSP	02	.25-1	7	-	-	-	GyBr	-
41I	871645	17	466986	5168763	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	871646	17	463282	5172929	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871647	17	462738	5174523	ACSP	02	.25-1	16	-	Md	-	BrBk	-
41I	871649	17	467499	5175292	ACSP	02	.25-1	16	-	Md	-	GyBr	-
41I	871650	17	461619	5176504	ACSP	02	.25-1	9	-	Md	-	GyBr	-
41I	871651	17	462949	5178004	MPQL	04	.25-1	16	-	Md	-	GyBr	-
41I	871652	17	464971	5179485	MPQL	04	.25-1	9	-	Md	-	GyBr	-
41I	871653	17	464131	5181304	LPAD	04	.25-1	6	-	Md	-	GyBr	-
41I	871654	17	463248	5183359	ACSP	02	.25-1	3	-	Md	-	GyBr	-
41I	871655	17	459760	5182241	AMVB	02	.25-1	1	-	Md	-	GyBr	-
41I	871656	17	458529	5185761	ACSP	02	.25-1	12	-	Md	-	Br	-
41I	871657	17	455851	5186867	ACSP	02	.25-1	11	-	Md	-	Br	-
41I	871658	17	460996	5189151	ACSP	02	.25-1	5	-	Md	-	BrBk	-
41I	871659	17	460870	5193340	ACSP	02	>5	10	-	Md	-	GyBr	-
41I	871660	17	460045	5197428	ACSP	02	>5	5	-	Md	-	Br	-
41I	871662	17	460545	5199197	ACSP	02	>5	13	10	Lw	-	GyBr	-
41I	871663	17	460544	5199165	ACSP	02	>5	13	20	Md	-	GyBr	-
41I	871664	17	458418	5200100	ACSP	02	.25-1	4	-	Md	-	GyBr	-
41I	871665	17	463315	5203848	ACSP	02	>5	19	-	Md	-	GyBr	-
41I	871666	17	459251	5204185	ACSP	02	.25-1	8	-	Md	-	GyBr	-
41I	871667	17	456818	5203687	ACSP	02	.25-1	10	-	Md	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871625	69	27	7	8	2	<	28	<	<	0.41	120	27.0	45.2	130	9	0.5	<	<	10.0	-	-	60	0.15	2.2	0.68	2	5.5
41I	871626	123	18	14	10	4	<	125	<	<	0.59	120	54.4	12.3	90	10	0.3	<	<	10.0	-	-	50	<	2.4	0.64	2	5.5
41I	871627	128	24	7	16	9	<	56	<	4	1.08	125	55.8	26.0	105	15	0.6	<	2	10.0	-	-	90	0.10	2.2	0.56	2	5.6
41I	871628	132	27	9	21	8	0.2	122	<	2	1.09	160	57.2	14.7	85	19	0.9	<	2	10.0	-	-	80	<	2.4	0.72	2	5.6
41I	871629	36	17	12	14	2	<	29	1.0	2	0.51	120	54.6	7.9	80	13	0.6	<	1	10.0	-	-	80	0.07	1.8	0.56	2	5.3
41I	871630	97	31	13	11	5	<	156	1.0	4	0.96	130	50.6	51.7	100	23	0.6	<	<	10.0	-	-	70	0.24	3.2	0.68	4	5.7
41I	871631	238	28	14	8	6	<	373	1.0	2	3.94	65	54.6	64.0	75	18	1.2	<	1	10.0	-	-	40	<	1.8	0.48	1	5.1
41I	871632	77	27	20	14	4	0.2	102	1.0	<	0.90	240	37.0	9.1	95	10	1.0	<	2	10.0	-	-	50	<	2.4	0.52	2	5.4
41I	871633	106	28	29	16	5	0.2	69	3.0	<	1.03	185	35.4	2.8	100	16	1.5	0.2	2	10.0	-	-	40	<	3.4	0.64	3	5.6
41I	871634	151	21	16	13	4	<	66	1.0	<	0.72	130	44.8	1.5	70	9	1.9	<	1	10.0	-	-	50	<	3.6	0.72	5	5.8
41I	871635	135	41	21	20	10	0.2	145	2.0	<	1.10	160	40.4	1.0	90	34	1.5	<	<	10.0	-	-	30	<	3.8	0.80	6	5.9
41I	871636	104	26	21	19	7	0.2	400	3.0	<	2.83	100	18.4	6.7	155	31	0.7	<	<	10.0	-	-	40	<	3.6	0.72	4	5.8
41I	871637	192	40	44	31	9	<	177	7.0	2	1.58	195	61.4	12.5	115	22	1.6	0.4	4	10.0	-	-	50	<	3.0	0.64	4	5.7
41I	871638	103	36	31	30	6	<	149	3.0	<	1.36	185	41.2	3.0	135	34	1.2	0.2	7	10.0	-	-	50	<	1.6	0.36	1	5.0
41I	871639	111	45	50	44	7	<	177	7.0	2	1.61	260	47.6	2.3	85	41	1.2	0.4	3	10.0	-	-	50	<	2.0	0.48	1	5.3
41I	871640	114	35	21	41	14	<	567	3.0	2	2.59	100	16.4	2.2	150	49	0.9	0.2	1	10.0	-	-	40	<	3.6	1.08	3	5.7
41I	871642	122	41	24	35	5	<	228	3.0	<	1.26	100	25.8	1.6	135	26	1.0	<	2	10.0	-	-	60	<	3.2	0.68	3	5.7
41I	871643	132	59	48	40	4	0.3	346	6.0	<	0.99	185	36.4	1.3	130	28	1.7	0.2	3	10.0	-	-	50	<	3.6	0.76	3	5.7
41I	871644	76	24	18	23	3	<	57	2.0	<	0.77	200	51.0	0.9	75	15	1.0	<	<	10.0	-	-	60	<	1.8	0.60	<	4.8
41I	871645	90	26	11	17	2	<	53	2.0	<	0.59	165	48.8	1.4	115	21	0.8	<	1	10.0	-	-	60	<	2.4	0.60	<	4.5
41I	871646	173	24	7	17	6	<	151	1.0	4	2.32	90	65.8	13.7	95	37	1.0	<	<	10.0	-	-	60	0.07	3.2	0.72	3	5.6
41I	871647	124	40	59	22	12	0.2	731	7.0	<	2.66	215	42.4	11.9	95	61	1.1	0.4	3	10.0	-	-	50	0.10	3.2	0.68	4	5.7
41I	871649	123	45	36	30	7	<	210	3.0	2	1.22	125	38.8	14.0	170	21	1.3	0.2	<	10.0	-	-	70	<	2.2	0.52	2	5.5
41I	871650	143	32	45	26	4	<	177	4.0	<	1.10	135	55.6	8.1	105	15	1.4	0.3	2	10.0	-	-	50	<	2.2	0.44	1	5.3
41I	871651	172	32	8	13	5	<	111	<	<	0.67	125	63.4	7.8	60	17	0.9	<	<	10.0	-	-	30	<	8.6	1.88	25	6.2
41I	871652	146	31	8	10	4	<	64	<	2	0.56	130	53.4	11.2	70	25	0.7	<	<	10.0	-	-	30	<	4.8	0.72	10	6.0
41I	871653	123	37	12	18	6	<	114	1.0	<	0.96	200	42.8	2.3	65	27	0.7	<	1	10.0	-	-	40	<	2.6	0.72	4	5.7
41I	871654	76	27	8	10	3	<	67	<	2	0.34	85	52.2	5.2	65	14	0.7	<	1	10.0	-	-	40	<	3.8	1.08	8	5.9
41I	871655	138	27	27	23	6	<	71	3.0	<	2.57	155	46.2	2.8	55	64	1.3	<	1	10.0	-	-	50	<	3.2	0.84	3	5.7
41I	871656	123	32	16	14	8	<	248	2.0	<	2.47	225	31.2	4.7	125	98	0.9	<	2	10.0	-	-	50	<	3.4	0.84	5	5.8
41I	871657	150	36	28	15	8	<	283	2.0	<	1.85	190	40.8	4.8	100	77	1.8	0.2	1	10.0	-	-	50	<	3.8	0.88	5	5.8
41I	871658	106	37	12	7	6	<	377	1.0	<	14.00	130	44.4	10.6	80	280	0.2	<	<	10.0	-	-	40	<	5.2	1.44	11	5.9
41I	871659	70	16	15	12	3	<	243	2.0	<	1.09	55	9.2	3.5	100	11	0.3	<	<	10.0	<	10.0	40	<	3.6	0.92	5	5.8
41I	871660	98	36	9	17	8	<	135	1.0	2	2.88	150	31.4	31.0	90	45	0.6	<	<	10.0	-	-	50	0.09	3.8	1.12	6	5.8
41I	871662	200	28	27	20	9	0.2	1077	3.0	2	2.63	135	24.2	7.4	105	36	1.6	0.2	4	10.0	<	5.00	50	<	3.4	1.04	5	5.8
41I	871663	190	31	15	19	7	<	938	1.0	3	2.83	130	22.8	9.1	115	39	1.3	<	3	10.0	<	5.00	40	<	3.6	1.00	5	5.8
41I	871664	117	23	30	25	4	<	128	2.0	<	0.92	165	42.4	19.9	85	8	1.6	<	1	10.0	-	-	50	0.13	2.2	0.68	2	5.3
41I	871665	167	30	31	19	6	<	351	4.0	<	1.04	120	40.4	21.6	85	26	1.2	0.3	<	10.0	-	-	40	<	3.6	0.88	5	5.8
41I	871666	97	16	11	12	9	<	503	1.0	<	3.78	90	12.4	9.8	150	57	0.2	<	8	10.0	<	10.0	50	0.06	4.0	1.00	6	5.8
41I	871667	109	19	12	15	8	<	487	1.0	<	2.17	95	22.0	13.6	115	21	0.6	<	<	10.0	-	-	40	<	2.4	0.64	1	5.4

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	871668	17	453452	5203185	ACSP	02	.25-1	2	-	Md	-	Br	-
41I	871669	17	453798	5200887	ACSP	02	.25-1	8	-	Md	-	Gy	-
41I	871670	17	455241	5199507	ACSP	02	.25-1	21	-	Md	-	GyBr	-
41I	871671	17	452369	5198918	ACSP	02	.25-1	6	-	Md	-	GyBr	-
41I	871672	17	454667	5196697	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	871673	17	457364	5196278	ACSP	02	.25-1	10	-	Md	-	GyBr	-
41I	871674	17	456084	5194675	ACSP	02	.25-1	6	-	Md	-	Br	-
41I	871675	17	457716	5192455	ACSP	02	>5	8	-	Md	-	Br	-
41I	871677	17	455683	5189271	ACSP	02	>5	9	-	Md	-	GyBr	-
41I	871678	17	453897	5189205	ACSP	02	.25-1	9	-	Md	-	GyBr	-
41I	871679	17	448872	5190091	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	871680	17	450550	5192821	ACSP	02	1-5	16	-	Md	-	GyBr	-
41I	871683	17	452136	5194490	ACSP	02	.25-1	10	10	Md	-	GyBr	-
41I	871684	17	452136	5194490	ACSP	02	.25-1	10	20	Md	-	GyBr	-
41I	871685	17	449200	5193151	ACSP	02	.25-1	22	-	Md	-	BrBk	-
41I	871686	17	447079	5194735	ACSP	02	.25-1	8	-	Md	-	GyBr	-
41I	871687	17	448479	5195605	ACSP	02	.25-1	9	-	Md	-	Br	-
41I	871688	17	448055	5199066	ACSP	02	.25-1	9	-	Md	-	Br	-
41I	871689	17	446233	5200672	ACSP	02	.25-1	2	-	Md	-	Br	-
41I	871690	17	449833	5203645	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	873002	17	488495	5144880	MPGF	04	1-5	12	-	Lw	Wo	GyBk	-
41I	873004	17	492965	5150418	MPSN	04	1-5	7	-	Lw	Wo	Br	-
41I	873005	17	490201	5149910	MPSN	04	.25-1	7	10	Lw	Wo	BrBk	-
41I	873006	17	490201	5149910	MPSN	04	.25-1	7	20	Lw	Wo	BrBk	-
41I	873007	17	494951	5154753	MPSN	04	.25-1	10	-	Md	-	BrBk	-
41I	873008	17	502174	5156158	MPSN	04	.25-1	1	-	Lw	WoGo	BrBk	-
41I	873009	17	506424	5156028	MPVB	04	.25-1	01	-	Lw	-	GyBr	-
41I	873010	17	515715	5161526	MPSG	04	.25-1	08	-	Lw	Wo	GyBk	-
41I	873011	17	522606	5168025	MPND	04	1-5	17	-	Md	Ca	BrBk	-
41I	873012	17	525209	5168559	MPHL	04	>5	10	-	Md	Ca	GyBr	-
41I	873013	17	529821	5170430	MPC	04	.25-1	5	-	Md	-	BrBk	-
41I	873014	17	531287	5175584	MPC	04	1-5	1	-	Lw	-	Br	-
41I	873015	17	533073	5178394	MPND	04	.25-1	6	-	Md	-	BrBk	-
41I	873016	17	533956	5180578	MPC	04	>5	16	-	Md	-	Br	-
41I	873017	17	535276	5184280	MPC	04	1-5	21	-	Md	-	GyBr	-
41I	873018	17	539310	5186839	MPC	04	1-5	13	-	Md	-	Br	Lgt
41I	873019	17	538550	5188606	MPC	04	.25-1	10	-	Md	-	Br	-
41I	873020	17	541982	5190885	MPC	04	.25-1	7	-	Md	-	Br	-
41I	873022	17	539375	5192202	MPC	04	1-5	15	10	Md	-	Br	-
41I	873023	17	539375	5192202	MPC	04	1-5	15	20	Md	-	Br	Lgt

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	871668	61	20	9	17	5	<	123	1.0	<	0.68	90	27.0	18.2	60	17	0.5	<	<	10.0	-	-	50	0.07	4.4	1.12	6	5.8
41I	871669	82	19	11	18	9	<	526	1.0	<	2.22	80	9.4	13.8	135	22	0.4	<	1	10.0	<	10.0	50	0.07	3.0	0.76	3	5.6
41I	871670	127	24	23	15	8	0.2	434	1.0	<	2.42	155	28.0	19.4	175	32	0.8	<	2	10.0	-	-	50	0.06	2.4	0.52	1	5.4
41I	871671	56	10	13	14	5	<	410	1.0	<	1.38	90	7.8	3.8	145	20	0.3	<	2	10.0	<	10.0	50	<	4.2	1.12	7	5.9
41I	871672	128	28	16	13	4	<	332	1.0	<	3.33	160	36.2	16.2	125	83	0.7	<	<	10.0	-	-	50	0.07	2.6	0.68	3	5.7
41I	871673	104	20	16	20	10	<	233	1.0	<	2.38	95	14.2	14.2	155	33	0.5	<	1	10.0	-	-	50	<	2.0	0.44	<	4.9
41I	871674	126	29	33	24	5	0.3	118	1.0	<	1.25	190	41.6	8.6	120	33	1.5	0.2	3	10.0	-	-	60	<	2.2	0.68	1	5.3
41I	871675	81	23	9	15	3	<	255	1.0	<	1.17	100	25.4	4.8	85	19	0.4	<	1	10.0	-	-	50	<	3.4	0.88	4	5.8
41I	871677	119	30	22	18	7	<	401	1.0	<	2.24	160	27.4	5.5	85	37	0.8	0.2	1	10.0	-	-	60	<	3.6	0.84	4	5.8
41I	871678	152	44	22	13	6	<	540	1.0	3	1.43	190	46.3	2.4	85	44	1.2	<	2	10.0	-	-	50	<	3.8	0.64	2	5.6
41I	871679	77	11	15	11	7	<	336	1.0	<	2.35	65	8.2	7.2	90	20	0.3	<	<	10.0	<	10.0	50	0.06	3.4	0.84	4	5.7
41I	871680	82	17	26	17	5	<	304	1.0	<	1.62	125	14.4	5.8	175	27	0.7	<	5	10.0	<	7.50	50	<	4.8	1.20	7	5.9
41I	871683	64	14	16	12	6	<	387	<	<	1.92	70	11.4	6.3	160	26	0.3	<	<	10.0	-	-	50	0.09	5.0	1.08	7	5.8
41I	871684	69	13	12	12	5	<	346	1.0	<	1.72	65	10.6	6.0	165	29	0.2	<	1	10.0	-	-	50	0.10	4.4	1.16	7	5.8
41I	871685	169	48	99	18	14	0.3	340	4.0	4	3.91	310	49.0	17.9	115	77	1.6	0.7	3	10.0	-	-	90	<	2.0	0.48	1	5.3
41I	871686	92	22	30	16	5	<	160	1.0	<	1.31	155	27.0	7.6	140	21	0.6	<	4	10.0	1	5.00	70	<	2.6	0.60	1	5.4
41I	871687	104	30	31	20	7	<	169	1.0	<	1.50	165	34.2	10.1	145	27	1.0	0.2	1	10.0	-	-	50	<	2.6	0.64	1	5.2
41I	871688	113	19	20	13	4	<	129	1.0	3	1.05	160	51.8	10.8	75	30	0.6	0.2	<	10.0	-	-	50	0.08	3.2	0.76	4	5.6
41I	871689	95	24	11	16	3	<	44	<	<	0.69	190	49.8	9.2	55	19	0.6	<	<	10.0	-	-	70	0.06	2.2	0.72	1	5.4
41I	871690	82	22	19	15	8	<	216	1.0	2	1.94	125	18.4	8.3	130	21	0.4	<	<	10.0	-	-	60	<	2.8	0.68	2	5.5
41I	873002	188	1035	59	4125	103	2.5	339	13.0	<	6.29	50	4.6	2.6	195	81	1.0	0.4	189	10.0	190	10.0	250	<	380.0	45.00	<	4.6
41I	873004	217	855	35	2100	57	0.8	316	16.0	<	2.14	195	47.2	2.4	90	24	2.2	0.5	15	10.0	-	-	120	<	28.0	11.40	2	5.5
41I	873005	138	748	51	2005	43	1.6	108	72.0	<	2.15	265	43.6	1.1	75	23	2.0	1.3	16	10.0	19	7.50	50	<	4.0	1.20	6	5.8
41I	873006	124	331	26	860	22	1.1	102	25.0	<	1.62	275	44.0	1.1	85	20	1.3	0.9	5	10.0	-	-	50	<	4.0	1.30	5	5.8
41I	873007	124	80	11	136	8	0.8	125	4.0	<	0.95	205	58.0	1.2	70	21	0.9	0.2	<	10.0	-	-	50	<	2.4	0.72	<	4.4
41I	873008	213	2610	149	3315	96	1.6	74	47.0	<	4.85	275	34.0	1.7	120	29	5.2	0.2	23	10.0	22	7.50	60	<	8.0	3.00	<	3.9
41I	873009	59	119	14	245	16	<	199	4.0	<	1.76	110	18.4	2.2	110	20	0.5	0.2	<	10.0	-	-	50	<	6.6	2.00	15	6.0
41I	873010	163	271	28	1710	78	0.4	772	57.0	<	8.22	75	1.6	1.5	100	192	<	0.3	9	10.0	8	10.0	260	0.15	200.0	23.00	<	3.8
41I	873011	58	49	11	57	9	<	169	3.0	<	1.47	60	9.8	1.6	95	16	<	<	<	10.0	2	10.0	40	<	7.0	1.30	4	5.7
41I	873012	82	32	9	41	10	<	456	2.0	<	2.87	65	7.2	4.0	185	37	<	0.2	<	10.0	5	10.0	40	<	8.0	1.90	16	6.2
41I	873013	51	35	7	28	6	<	111	1.0	<	1.08	145	32.0	1.4	75	22	0.3	0.2	<	10.0	-	-	40	<	4.8	1.20	4	5.8
41I	873014	97	78	26	85	9	<	95	7.0	<	1.57	125	51.4	2.7	50	26	0.5	0.3	1	10.0	-	-	40	<	3.8	1.10	3	5.8
41I	873015	112	56	13	68	12	<	134	2.0	<	1.27	135	34.2	1.5	80	18	0.6	0.2	<	10.0	-	-	30	<	3.4	1.00	2	5.6
41I	873016	107	43	10	41	12	<	474	2.0	<	3.20	65	11.4	2.4	100	24	0.4	0.2	1	10.0	-	-	30	<	4.0	0.92	1	5.5
41I	873017	87	117	14	33	8	0.3	197	1.0	<	1.75	175	22.0	4.5	95	22	0.2	0.2	1	10.0	-	-	30	<	3.6	0.60	<	4.7
41I	873018	188	65	13	56	24	<	3500	4.0	4	5.61	105	23.5	4.6	115	60	1.8	0.2	1	10.0	-	-	30	<	3.2	0.68	1	5.1
41I	873019	100	48	19	54	11	<	269	3.0	<	1.75	110	23.2	2.5	145	26	0.6	0.2	<	10.0	-	-	30	<	3.0	0.64	1	5.1
41I	873020	81	41	16	40	7	<	105	2.0	<	0.81	150	37.0	1.6	75	16	0.5	0.2	1	10.0	-	-	40	<	3.2	0.72	2	5.4
41I	873022	93	37	11	29	19	0.2	329	3.0	<	2.82	195	31.2	1.6	80	34	0.5	0.2	<	10.0	-	-	50	<	4.0	0.72	2	5.6
41I	873023	130	39	12	29	23	<	383	3.0	<	3.36	185	31.4	2.1	75	38	0.4	0.2	2	10.0	-	-	40	<	3.8	0.68	3	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873024	17	540425	5195488	MPC	04	.25-1	11	-	Md	-	Br	-
41I	873025	17	541757	5197288	MPC	04	pond	1	-	Md	-	Br	Lgt
41I	873026	17	545986	5199340	MPND	04	pond	4	-	Md	-	Br	-
41I	873028	17	549403	5200493	MPND	04	1-5	5	-	Md	-	Br	-
41I	873029	17	547516	5203082	MPC	04	.25-1	9	-	Md	-	Br	-
41I	873030	17	551176	5203456	MPC	04	pond	4	-	Md	-	Br	-
41I	873031	17	556676	5203618	MPC	04	.25-1	5	-	Md	-	GyBr	-
41I	873032	17	553226	5200467	MPC	04	1-5	8	-	Md	Ca	Br	-
41I	873033	17	547759	5196730	MPND	04	.25-1	13	-	Md	-	Br	-
41I	873034	17	546185	5192294	MPC	04	pond	10	-	Md	-	GyBk	-
41I	873035	17	543598	5188096	MPND	04	.25-1	4	-	Md	-	Br	-
41I	873036	17	542994	5186017	MPC	04	1-5	14	-	Hi	-	Br	-
41I	873037	17	543127	5182653	MPC	04	>5	4	-	Md	-	Gy	-
41I	873038	17	538933	5179483	MPC	04	.25-1	16	-	Md	-	Br	-
41I	873039	17	537798	5181240	MPC	04	>5	10	-	Md	-	Gy	-
41I	873040	17	535384	5178182	MPND	04	>5	8	-	Md	-	Br	-
41I	873042	17	534148	5176369	MPC	04	>5	18	-	Md	Ca	GyBr	-
41I	873043	17	506245	5160218	MPSG	04	1-5	2	10	Lw	-	BrBk	-
41I	873044	17	506245	5160218	MPSG	04	1-5	2	20	Lw	-	BrBk	-
41I	873045	17	503565	5157698	MPSN	04	.25-1	1	-	Lw	-	Br	-
41I	873046	17	501652	5160357	MPSG	04	1-5	3	-	Md	Ca	GyBr	-
41I	873047	17	497592	5158541	MPSG	04	.25-1	8	-	Lw	-	BrBk	-
41I	873048	17	494963	5157397	MPSG	04	.25-1	2	-	Lw	-	GyBr	-
41I	873049	17	490621	5153256	MPSG	04	>5	03	-	Lw	Ca	GyBr	-
41I	873050	17	497345	5140507	MPHL	04	.25-1	10	-	Md	-	BrBk	-
41I	873051	17	500996	5141288	MPHL	04	.25-1	3	-	Lw	-	Br	-
41I	873053	17	505604	5143642	MPND	04	.25-1	3	-	Lw	-	Gy	-
41I	873054	17	511153	5145345	MPBN	04	.25-1	5	-	Md	-	GyBr	-
41I	873055	17	522842	5152228	MPHL	04	1-5	7	-	Lw	-	GyBk	-
41I	873056	17	525662	5162248	MPHL	04	.25-1	3	-	Lw	-	Br	-
41I	873057	17	529187	5159923	MPHL	04	.25-1	8	-	Md	Wo	Br	-
41I	873058	17	534165	5162268	MPS	04	.25-1	7	-	Lw	-	Br	-
41I	873059	17	532494	5160687	MPS	04	.25-1	10	-	Lw	-	Br	-
41I	873060	17	536214	5163497	MPGF	04	.25-1	1	-	Md	-	GyBr	-
41I	873062	17	539700	5169400	MPC	04	1-5	9	10	Md	-	GyBr	-
41I	873063	17	539700	5169400	MPC	04	1-5	9	20	Md	-	GyBr	-
41I	873064	17	542266	5170541	MPND	04	1-5	3	-	Md	-	GyBr	-
41I	873065	17	543623	5175795	MPC	04	>5	12	-	Lw	-	Gy	-
41I	873066	17	545420	5176061	MPC	04	.25-1	22	-	Md	-	Br	-
41I	873067	17	547967	5177104	MPC	04	.25-1	9	-	Md	-	BrBk	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873024	123	57	20	29	10	<	338	1.0	2	1.16	140	54.6	2.6	50	16	0.7	0.4	2	10.0	-	-	40	<	5.4	0.88	8	5.8
41I	873025	77	39	13	49	6	<	135	1.0	<	0.40	135	35.4	1.3	65	11	0.7	0.2	<	10.0	-	-	40	<	4.0	0.88	2	5.3
41I	873026	86	57	9	22	3	<	32	1.0	<	0.17	170	45.8	0.5	40	9	0.2	0.2	<	10.0	-	-	40	<	4.4	1.00	2	5.5
41I	873028	156	68	25	43	11	<	167	5.0	<	1.64	125	33.4	2.3	100	29	0.9	0.3	2	10.0	-	-	40	<	3.0	0.72	1	5.1
41I	873029	113	57	17	52	10	<	68	2.0	<	1.10	215	36.0	1.0	70	19	0.8	0.2	3	10.0	-	-	40	<	2.2	0.56	<	4.6
41I	873030	127	34	8	32	11	<	110	1.0	<	0.65	155	35.2	1.4	60	17	0.4	0.2	1	10.0	-	-	50	<	2.4	0.64	<	4.9
41I	873031	155	53	11	40	11	<	192	2.0	<	1.96	85	25.2	2.1	70	26	0.6	0.2	1	10.0	-	-	40	<	1.8	0.56	1	5.4
41I	873032	141	63	29	46	9	0.2	199	3.0	<	2.56	185	22.8	2.3	80	32	1.1	0.3	6	10.0	3	5.00	40	<	4.2	1.10	7	5.8
41I	873033	129	64	58	51	15	0.2	268	7.0	<	1.59	260	44.6	1.5	90	36	1.4	0.4	1	10.0	-	-	40	<	3.8	0.76	3	5.6
41I	873034	39	17	9	24	6	<	118	1.0	<	1.29	35	4.8	1.1	135	20	<	<	<	10.0	3	10.0	40	<	13.0	4.00	39	6.3
41I	873035	152	66	5	36	14	<	106	1.0	<	1.25	130	58.6	1.5	60	22	0.7	<	1	10.0	-	-	40	<	3.4	0.72	5	5.7
41I	873036	118	53	13	31	31	<	471	2.0	<	3.40	245	38.0	1.6	85	41	0.7	0.2	8	10.0	2	10.0	40	<	3.0	0.68	1	5.3
41I	873037	86	39	19	103	14	<	525	2.0	<	1.48	50	5.8	1.6	170	15	1.0	0.2	1	10.0	3	10.0	40	<	3.6	0.96	3	5.6
41I	873038	118	103	19	45	13	0.2	231	2.0	2	1.70	195	37.2	3.2	90	29	0.9	0.2	1	10.0	-	-	40	<	2.8	0.64	1	5.2
41I	873039	55	90	7	35	12	<	234	2.0	<	2.33	35	7.0	2.7	180	24	<	0.2	4	10.0	3	10.0	40	<	3.0	0.60	<	4.4
41I	873040	149	93	8	57	12	<	140	1.0	<	1.46	80	52.4	3.2	80	16	0.8	0.3	3	10.0	-	-	40	<	4.0	0.88	1	5.4
41I	873042	106	43	11	39	8	<	304	2.0	<	1.90	85	27.4	1.6	110	20	0.4	0.2	1	10.0	-	-	50	<	4.2	0.92	1	5.4
41I	873043	150	87	16	104	9	<	137	7.0	<	1.45	180	33.0	2.2	150	17	1.2	0.2	1	10.0	-	-	60	<	4.4	1.10	<	4.1
41I	873044	144	90	15	93	11	<	134	6.0	<	1.56	150	40.0	3.4	145	20	0.8	0.2	1	10.0	-	-	50	<	4.4	1.20	<	4.1
41I	873045	73	395	50	542	13	0.5	73	12.0	<	0.88	220	43.6	1.9	95	12	2.3	0.4	8	10.0	6	5.00	50	<	6.8	2.70	11	5.8
41I	873046	67	199	22	268	22	<	163	13.0	<	2.09	75	5.8	1.9	145	18	0.5	0.4	13	10.0	4	10.0	80	<	5.8	2.00	2	5.6
41I	873047	123	261	34	463	15	0.8	153	12.0	<	1.69	195	43.2	1.6	125	30	1.7	0.3	2	10.0	-	-	70	<	3.0	1.00	2	5.5
41I	873048	102	183	27	354	21	0.2	234	7.0	<	2.99	60	6.8	1.5	170	35	0.9	0.3	1	10.0	4	10.0	80	<	7.0	2.30	<	4.4
41I	873049	90	110	14	379	23	<	218	4.0	<	2.83	80	8.4	2.0	260	31	0.4	0.2	<	10.0	3	10.0	60	0.12	16.8	4.80	46	6.3
41I	873050	120	441	29	619	23	0.5	190	9.0	<	1.57	200	42.0	1.9	100	39	2.1	0.2	8	10.0	12	5.00	50	<	3.8	1.30	<	4.1
41I	873051	73	59	7	86	8	<	54	3.0	<	0.51	110	47.4	1.8	55	11	0.5	<	<	10.0	-	-	40	<	5.4	2.00	<	3.9
41I	873053	79	58	12	67	16	<	291	3.0	<	3.46	35	18.0	2.3	210	44	<	0.2	<	10.0	-	-	60	<	2.6	1.20	4	5.8
41I	873054	159	1400	48	3305	138	1.6	460	34.0	<	6.28	195	10.4	2.4	160	49	0.9	0.4	44	10.0	46	10.0	60	<	17.4	7.60	19	6.2
41I	873055	41	107	19	140	12	<	151	8.0	<	2.07	35	9.0	1.4	270	24	0.2	0.2	2	10.0	5	10.0	50	<	7.6	1.90	16	6.1
41I	873056	85	93	21	141	8	<	58	7.0	<	0.52	130	53.4	1.5	60	14	0.7	0.2	<	10.0	-	-	50	<	2.6	0.64	1	5.2
41I	873057	127	74	20	84	7	<	143	11.0	7	0.60	60	71.4	1.5	50	11	0.6	0.3	2	10.0	-	-	40	<	7.6	2.30	19	6.1
41I	873058	108	50	10	46	6	<	96	2.0	<	0.77	175	47.2	2.0	80	16	0.4	<	<	10.0	-	-	40	<	1.6	0.48	<	4.5
41I	873059	119	55	11	29	6	0.2	112	2.0	<	1.40	165	56.6	1.5	65	33	0.4	<	<	10.0	-	-	50	<	2.6	0.80	<	4.5
41I	873060	34	29	11	49	7	<	104	2.0	<	1.11	80	20.6	2.6	95	14	0.2	<	<	10.0	-	-	50	<	2.8	1.00	4	5.7
41I	873062	120	31	11	47	14	<	444	2.0	<	2.54	75	12.6	1.9	185	29	0.2	0.2	<	10.0	-	-	40	<	3.6	0.92	3	5.6
41I	873063	122	37	15	59	15	<	489	3.0	<	2.52	75	13.0	2.0	155	29	0.3	0.2	<	10.0	-	-	40	<	3.6	0.88	2	5.7
41I	873064	78	46	13	52	11	<	191	4.0	<	2.02	85	20.6	2.1	140	26	0.2	0.2	<	10.0	-	-	40	<	3.2	0.92	3	5.7
41I	873065	92	27	13	51	13	<	439	3.0	<	2.57	50	7.6	1.7	175	25	0.2	0.2	<	10.0	2	10.0	40	<	3.8	1.00	3	5.7
41I	873066	157	65	13	38	13	<	397	3.0	<	1.33	105	42.0	1.7	95	30	0.9	0.2	<	10.0	-	-	40	<	4.0	0.92	5	5.8
41I	873067	125	42	7	29	5	<	78	1.0	<	0.84	165	54.8	0.7	45	18	0.5	<	<	10.0	-	-	50	<	1.6	0.52	<	4.2

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873068	17	550599	5182085	MPC	04	1-5	5	-	Md	-	GyBr	-
41I	873069	17	552633	5184859	ACSP	02	1-5	14	-	Md	Ca	GyBr	-
41I	873070	17	555265	5186348	MPND	04	1-5	12	-	Hi	-	GyBr	-
41I	873071	17	555367	5185001	MPND	04	.25-1	14	-	Md	-	GyBr	-
41I	873072	17	554187	5181236	MPND	04	.25-1	13	-	Md	-	Br	-
41I	873073	17	552957	5179424	MPND	04	.25-1	2	-	Hi	-	Br	-
41I	873074	17	550694	5175903	MPC	04	.25-1	5	-	Md	-	Br	-
41I	873075	17	554613	5173710	MPHL	04	.25-1	4	-	Md	-	Br	-
41I	873077	17	556881	5178051	MPHL	04	1-5	6	-	Md	-	GyBr	Lgt
41I	873078	17	557594	5180081	MPHL	04	1-5	15	-	Md	-	Br	Lgt
41I	873079	17	560142	5181060	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	873080	17	560487	5185681	MPND	04	.25-1	20	-	Md	-	BrBk	Lgt
41I	873082	17	558253	5187872	MPND	04	.25-1	10	-	Lw	-	Br	Lgt
41I	873083	17	562995	5189541	MPND	04	.25-1	6	10	Md	-	BrBk	Lgt
41I	873084	17	563007	5189541	MPND	04	.25-1	6	20	Md	-	BrBk	Lgt
41I	873085	17	564252	5192460	MPND	04	>5	10	-	Md	Ca	GyBr	Lgt
41I	873086	17	560436	5192461	MPND	04	1-5	16	-	Md	-	GyBr	Lgt
41I	873087	17	556656	5192710	MPND	04	1-5	7	-	Md	Ca	GyBr	Lgt
41I	873088	17	560444	5197091	MPND	04	.25-1	10	-	Hi	-	Br	Lgt
41I	873089	17	563555	5196263	MPND	04	1-5	7	-	Md	-	GyBr	Lgt
41I	873091	17	565697	5197143	MPND	04	.25-1	4	-	Md	-	Br	Lgt
41I	873092	17	566787	5198916	MPND	04	pond	11	-	Md	-	BrBk	-
41I	873093	17	575022	5202388	AMVB	02	>5	2	-	Md	CaFu	Gy	-
41I	873094	17	574647	5196984	MPC	04	>5	15	-	Md	-	GyBr	-
41I	873095	17	568409	5195491	MPC	04	1-5	9	-	Md	Ca	GyBr	-
41I	873096	17	567088	5193194	MPC	04	1-5	10	-	Md	-	BrBk	-
41I	873097	17	569322	5193045	MPC	04	.25-1	14	-	Md	Ca	GyBr	-
41I	873098	17	574665	5192252	MPC	04	1-5	11	-	Lw	-	GyBr	-
41I	873099	17	574787	5189372	MPC	04	1-5	3	-	Lw	Ca	Gy	-
41I	873100	17	575597	5186403	ACSP	02	.25-1	7	-	Md	-	GyBr	-
41I	873102	17	572406	5186244	AMVF	02	.25-1	13	10	Md	-	GyBr	Hvy
41I	873103	17	572406	5186244	AMVF	02	.25-1	13	20	Md	-	GyBr	Hvy
41I	873104	17	571284	5187194	MPC	04	>5	11	-	Md	-	GyBr	Lgt
41I	873105	17	569871	5185341	MPC	04	.25-1	6	-	Lw	-	Br	Lgt
41I	873106	17	567813	5186415	AMVF	02	>5	7	-	Lw	Ca	GyBr	-
41I	873108	17	568007	5189470	MPC	04	>5	18	-	Lw	Ca	GyBr	-
41I	873109	17	564886	5183753	MPND	04	.25-1	12	-	Md	-	GyBr	-
41I	873110	17	566307	5181420	MPND	04	.25-1	4	-	Lw	-	GyBr	Lgt
41I	873111	17	564405	5180841	MPND	04	.25-1	26	-	Md	-	GyBr	-
41I	873112	17	560493	5179562	ACSP	02	1-5	14	-	Md	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873068	106	69	20	66	15	<	267	3.0	<	2.93	90	16.4	2.7	170	32	0.6	0.2	1	10.0	-	-	30	<	6.0	1.40	11	5.9
41I	873069	107	37	12	47	16	<	607	2.0	<	3.93	100	9.7	2.6	230	47	0.2	0.2	<	10.0	4	10.0	20	<	6.4	1.50	12	6.0
41I	873070	75	50	9	26	8	0.3	181	2.0	<	1.55	85	18.0	2.7	105	26	0.3	0.2	1	10.0	-	-	20	<	6.0	1.30	10	6.0
41I	873071	103	114	44	54	11	0.3	165	5.0	<	1.58	245	25.2	4.3	100	27	1.0	0.3	2	10.0	-	-	20	<	5.6	1.30	11	6.0
41I	873072	170	96	10	33	16	<	297	2.0	<	1.35	195	47.0	1.8	65	38	1.0	0.2	2	10.0	-	-	20	<	5.4	1.30	10	6.0
41I	873073	88	42	8	26	4	<	29	1.0	<	0.27	115	59.4	1.0	45	12	0.2	<	<	10.0	-	-	20	<	3.6	0.92	4	5.7
41I	873074	132	62	19	47	10	0.2	109	2.0	<	0.88	235	44.0	1.5	70	17	0.7	0.2	<	10.0	-	-	20	<	5.6	1.10	8	6.0
41I	873075	133	48	16	37	11	<	172	1.0	<	0.84	140	43.6	3.4	65	15	1.1	0.2	2	10.0	-	-	30	<	3.2	1.10	5	5.8
41I	873077	97	86	10	55	18	<	336	3.0	<	2.64	85	14.0	3.0	140	29	0.2	0.2	2	10.0	-	-	40	<	4.6	1.20	7	5.9
41I	873078	159	96	10	49	22	0.4	766	3.0	2	4.01	175	20.4	5.1	140	69	0.8	0.2	3	10.0	-	-	30	<	4.8	1.20	8	5.9
41I	873079	142	63	5	43	13	<	109	1.0	2	0.79	130	51.0	3.0	55	22	0.6	<	<	10.0	-	-	30	<	4.2	1.10	5	5.8
41I	873080	132	75	19	28	10	<	364	2.0	<	1.02	295	51.0	1.5	60	35	1.0	0.2	<	10.0	-	-	30	<	4.4	0.96	5	5.8
41I	873082	145	61	14	28	9	0.2	404	1.0	<	1.54	140	46.4	1.6	55	52	0.8	0.2	<	10.0	-	-	50	<	5.0	1.00	8	5.9
41I	873083	167	78	12	36	12	<	148	1.0	<	1.04	210	60.2	1.5	50	23	0.8	0.2	<	10.0	-	-	50	<	4.6	1.00	6	5.8
41I	873084	159	83	9	33	12	0.2	134	1.0	<	0.93	205	59.2	1.4	100	24	0.8	0.2	<	10.0	-	-	50	<	4.6	1.10	6	5.8
41I	873085	32	11	4	19	8	<	164	1.0	<	1.41	20	3.0	1.1	135	16	<	<	<	10.0	<	10.0	50	0.09	7.0	1.60	9	6.0
41I	873086	103	71	10	33	8	<	263	3.0	<	1.33	55	25.6	3.1	105	24	0.6	0.3	<	10.0	-	-	40	<	4.8	1.00	6	5.9
41I	873087	154	120	9	39	13	<	182	1.0	<	1.28	95	39.6	3.9	90	24	0.8	0.2	<	10.0	-	-	40	<	4.2	0.92	5	5.9
41I	873088	120	127	5	20	8	0.2	140	2.0	<	1.38	235	38.0	2.1	60	36	0.7	0.2	<	10.0	-	-	40	<	3.6	0.68	3	5.6
41I	873089	121	93	7	42	12	<	170	1.0	<	0.85	120	47.2	2.9	80	17	1.0	0.2	5	10.0	<	5.00	40	<	4.0	0.80	5	5.8
41I	873091	114	66	4	33	13	<	148	<	<	0.78	145	52.2	1.2	60	22	0.6	0.2	<	10.0	-	-	50	<	2.4	0.68	2	5.5
41I	873092	104	81	5	19	6	<	101	<	<	0.90	180	50.8	0.8	50	39	0.6	<	<	10.0	-	-	40	<	2.0	0.48	<	4.7
41I	873093	135	87	6	44	9	0.2	106	1.0	<	1.51	45	39.0	2.9	100	24	0.3	0.2	3	10.0	-	-	40	<	9.2	2.40	13	6.0
41I	873094	85	62	8	31	8	0.2	202	2.0	<	1.36	45	33.6	3.1	95	23	0.3	0.2	1	10.0	-	-	50	<	7.0	1.80	11	6.0
41I	873095	93	49	15	34	10	0.2	210	2.0	<	1.29	70	34.0	2.4	90	18	0.6	0.2	3	10.0	-	-	40	<	6.4	1.80	9	6.0
41I	873096	109	59	14	32	12	0.3	279	1.0	<	1.68	125	32.0	2.2	100	34	0.8	0.2	2	10.0	-	-	40	<	2.4	0.52	<	4.6
41I	873097	70	28	10	27	9	<	189	1.0	<	1.56	70	22.8	1.5	145	21	0.2	0.2	4	10.0	<	10.0	40	<	7.6	1.80	11	6.0
41I	873098	127	72	11	40	18	<	827	5.0	<	2.61	95	20.4	3.7	160	32	0.7	0.2	4	10.0	-	-	40	<	6.0	1.60	13	6.0
41I	873099	80	45	8	30	7	<	112	1.0	<	0.96	190	33.0	2.4	90	14	0.3	0.2	3	10.0	-	-	40	<	7.0	2.00	11	6.0
41I	873100	123	50	19	30	15	0.3	430	1.0	3	1.85	70	30.8	52.5	90	25	0.7	0.2	3	10.0	-	-	80	0.17	3.0	0.72	2	5.6
41I	873102	148	73	26	31	11	0.3	253	2.0	2	0.92	230	49.8	12.5	70	23	1.0	0.2	<	10.0	<	5.00	40	<	3.0	0.80	2	5.5
41I	873103	115	64	16	28	9	0.3	230	1.0	2	0.78	210	50.4	12.9	65	21	0.9	0.2	<	10.0	<	5.00	50	<	3.0	0.84	2	5.6
41I	873104	134	60	17	42	11	0.3	387	2.0	<	2.21	155	24.2	3.3	130	33	0.8	0.2	2	10.0	-	-	40	<	4.8	1.40	8	5.9
41I	873105	155	53	13	43	19	0.2	307	6.0	<	2.21	245	37.4	1.9	85	38	1.1	0.2	2	10.0	-	-	40	<	5.0	1.30	10	5.9
41I	873106	63	41	6	30	11	<	228	8.0	<	1.05	100	33.2	2.5	95	19	0.2	0.2	6	10.0	3	10.0	30	<	6.0	1.40	9	6.0
41I	873108	131	47	17	33	12	<	343	2.0	<	2.07	135	28.4	1.5	90	41	0.7	<	4	10.0	-	-	50	<	6.2	1.40	9	6.0
41I	873109	116	48	8	32	9	<	236	1.0	<	2.13	130	28.6	2.4	115	27	0.4	<	<	10.0	-	-	40	<	6.0	1.50	8	5.9
41I	873110	121	38	6	34	12	<	255	1.0	<	1.60	115	30.2	1.4	100	25	0.6	<	<	10.0	-	-	40	<	3.4	0.80	3	5.7
41I	873111	109	83	16	33	10	<	308	1.0	<	1.44	255	33.2	1.5	95	42	0.7	0.2	<	10.0	-	-	40	<	4.0	0.92	4	5.8
41I	873112	159	42	10	34	17	0.2	836	1.0	2	4.48	140	24.8	3.7	115	44	0.6	<	6	10.0	5	7.50	40	<	4.2	1.00	5	5.8

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873113	17	562138	5177664	MPS	04	1-5	17	-	Md	Ca	GyBr	-
41I	873114	17	560186	5174916	MPS	04	.25-1	2	-	Lw	-	Br	Hvy
41I	873115	17	561849	5173851	MPS	04	.25-1	4	-	Md	-	Br	-
41I	873116	17	564976	5176878	MPS	04	.25-1	7	-	Md	-	Br	-
41I	873117	17	568764	5177781	MPS	04	.25-1	10	-	Md	-	Br	-
41I	873118	17	574852	5174228	MPS	04	.25-1	13	-	Md	-	Br	-
41I	873119	17	570256	5173267	MPS	04	1-5	5	-	Md	-	Br	-
41I	873120	17	567929	5175317	MPS	04	1-5	5	-	Md	-	Br	-
41I	873122	17	566810	5173156	MPS	04	1-5	7	-	Lw	-	Br	-
41I	873123	17	563657	5172991	MPGF	04	.25-1	5	-	Md	-	Br	-
41I	873124	17	556517	5172126	MPS	04	1-5	20	-	Md	-	Br	-
41I	873125	17	552417	5171188	MPHL	04	.25-1	4	10	Md	-	Br	-
41I	873126	17	552417	5171188	MPHL	04	.25-1	4	20	Md	-	Br	-
41I	873127	17	549010	5170328	MPND	04	.25-1	5	-	Hi	-	Br	-
41I	873128	17	545784	5170493	MPND	04	.25-1	4	-	Md	-	Br	-
41I	873129	17	543988	5168701	MPC	04	1-5	7	-	Lw	-	GyBr	-
41I	873130	17	540413	5161923	LPGX	04	.25-1	4	-	Md	-	Br	-
41I	873131	17	537720	5158125	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873132	17	533105	5156514	MPS	04	.25-1	2	-	Lw	Ca	Br	-
41I	873133	17	528839	5157089	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873134	17	527968	5152266	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873135	17	522906	5149398	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873137	17	520668	5148034	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873138	17	510885	5164582	MPWG	04	pond	1	-	Md	Ca	Br	-
41I	873139	17	515526	5166155	LPAD	04	pond	1	-	Md	-	Br	-
41I	873140	17	518654	5168247	MPND	04	>5	10	-	Md	Ca	GyBr	-
41I	873142	17	521206	5170123	MPND	04	pond	1	-	Md	-	Br	-
41I	873143	17	529169	5174883	MPHL	04	.25-1	10	10	Md	-	Br	-
41I	873144	17	529169	5174883	MPHL	04	.25-1	10	20	Md	-	Br	-
41I	873145	17	527310	5177186	MPC	04	>5	11	-	Md	-	GyBr	-
41I	873146	17	529767	5178985	MPC	04	>5	6	-	Md	-	GyBr	-
41I	873147	17	528311	5178907	MPND	04	.25-1	2	-	Md	-	Br	-
41I	873148	17	525875	5179640	MPC	04	1-5	6	-	Md	-	GyBr	-
41I	873149	17	525096	5182043	MPC	04	1-5	3	-	Md	-	Br	-
41I	873150	17	527952	5181994	MPC	04	.25-1	3	-	Lw	-	Br	-
41I	873151	17	530702	5180991	MPND	04	>5	10	-	Md	-	GyBr	-
41I	873153	17	533292	5185685	MPC	04	>5	18	-	Md	-	GyBr	-
41I	873154	17	531901	5188203	MPC	04	.25-1	18	-	Md	-	GyBr	-
41I	873155	17	534629	5189649	MPC	04	.25-1	11	-	Md	-	Br	-
41I	873156	17	536169	5192291	MPC	04	.25-1	14	-	Md	-	BrBk	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873113	167	62	12	34	26	0.2	803	2.0	2	4.48	205	29.2	5.4	105	67	0.7	0.2	2	10.0	-	-	40	<	4.0	1.00	5	5.8
41I	873114	56	33	8	34	6	<	64	1.0	<	0.44	105	50.6	4.1	65	18	0.4	<	<	10.0	-	-	40	<	2.0	0.64	<	4.7
41I	873115	145	33	3	31	12	<	116	<	<	1.19	70	64.4	4.6	70	19	0.5	<	<	10.0	-	-	50	<	2.4	0.76	1	5.1
41I	873116	139	40	7	31	6	<	62	1.0	<	0.46	265	57.4	3.2	65	15	0.5	<	14	10.0	-	-	50	<	2.0	0.64	<	4.4
41I	873117	119	49	13	34	14	0.2	240	9.0	2	1.26	225	46.4	12.7	130	40	1.1	0.2	3	10.0	-	-	40	<	4.8	1.30	9	6.0
41I	873118	151	51	14	31	9	0.3	477	1.0	<	1.21	195	47.4	3.0	105	41	1.0	0.2	1	10.0	-	-	40	<	4.0	1.20	7	5.8
41I	873119	148	41	13	45	18	0.3	467	6.0	2	2.32	165	26.8	6.9	95	41	0.6	0.2	<	10.0	-	-	50	<	5.4	1.60	11	6.0
41I	873120	148	30	17	43	25	<	695	3.0	<	3.05	130	23.3	4.0	105	33	0.7	<	<	10.0	-	-	50	<	3.2	0.80	3	5.6
41I	873122	129	29	13	38	21	<	360	2.0	<	2.53	115	27.2	2.4	105	32	0.7	0.2	5	10.0	1	7.50	70	<	2.4	0.60	<	4.8
41I	873123	97	29	5	31	5	<	45	<	<	0.45	160	58.6	1.6	70	18	0.6	<	1	10.0	-	-	70	<	1.4	0.44	<	4.2
41I	873124	154	64	40	59	23	<	558	5.0	<	2.78	290	41.2	5.1	85	52	1.4	0.3	1	10.0	-	-	50	<	3.4	0.92	3	5.6
41I	873125	117	41	11	29	6	<	32	<	<	0.23	145	48.0	3.2	50	12	0.5	<	1	10.0	-	-	50	<	3.2	1.20	4	5.7
41I	873126	112	42	12	32	7	<	24	1.0	<	0.21	135	45.6	2.6	40	8	0.6	0.2	<	10.0	-	-	50	<	3.2	1.10	4	5.7
41I	873127	41	32	15	43	8	<	129	2.0	<	1.74	65	6.6	1.4	130	22	0.2	0.2	1	10.0	2	10.0	50	<	6.6	2.00	14	6.1
41I	873128	89	33	8	34	8	<	168	1.0	<	1.14	95	43.0	1.3	110	26	0.6	0.2	<	10.0	-	-	40	<	2.2	0.68	1	5.1
41I	873129	139	53	24	93	23	<	1620	3.0	<	3.71	105	13.4	2.5	165	37	0.9	0.2	2	10.0	-	-	50	<	4.2	0.84	3	5.7
41I	873130	91	40	3	24	3	<	64	<	<	0.36	225	61.2	0.8	50	12	0.3	<	1	10.0	-	-	50	<	2.2	0.64	<	4.7
41I	873131	40	51	19	69	6	0.4	46	1.0	<	1.34	365	42.4	5.6	180	19	0.5	0.3	4	10.0	-	-	90	<	2.4	1.40	3	5.6
41I	873132	41	42	11	64	5	0.3	75	3.0	<	0.99	135	28.2	3.1	100	14	0.6	0.2	2	10.0	-	-	60	<	3.0	1.00	1	5.1
41I	873133	87	163	29	325	16	0.3	95	5.0	<	0.83	195	53.2	2.8	85	14	1.7	0.2	2	10.0	-	-	70	<	2.4	0.76	<	4.3
41I	873134	46	36	7	62	5	<	69	1.0	<	0.61	195	40.4	4.5	105	15	<	0.2	<	10.0	-	-	60	<	2.2	1.00	<	4.5
41I	873135	73	189	24	382	25	0.2	140	8.0	<	1.24	115	31.6	1.7	115	17	0.9	0.2	4	10.0	-	-	70	<	2.8	1.10	4	5.6
41I	873137	62	89	15	278	26	<	320	6.0	<	2.56	65	7.0	2.3	180	30	0.2	<	1	10.0	3	10.0	100	<	2.2	1.00	3	5.5
41I	873138	97	176	27	120	5	0.6	192	5.0	<	0.58	400	86.2	0.8	130	9	1.1	0.2	49	10.0	-	-	350	<	54.0	7.20	115	6.8
41I	873139	100	282	50	343	29	<	124	48.0	2	1.39	195	35.6	25.1	115	28	2.6	0.3	5	10.0	4	7.50	110	<	6.4	1.60	12	6.1
41I	873140	105	46	11	46	10	<	265	4.0	<	2.92	95	19.0	4.7	200	36	<	<	6	10.0	3	10.0	70	<	8.2	2.00	17	6.1
41I	873142	70	290	38	286	11	0.2	70	15.0	<	1.28	245	68.8	2.8	60	23	2.1	0.2	6	10.0	-	-	60	<	5.0	0.92	6	5.8
41I	873143	113	43	14	52	14	<	275	4.0	<	2.75	125	23.2	2.2	115	30	<	0.2	1	10.0	-	-	50	<	2.4	0.80	<	4.6
41I	873144	101	38	10	40	13	<	306	3.0	<	2.89	100	21.8	2.2	125	26	<	0.2	2	10.0	-	-	50	<	2.8	0.80	<	4.5
41I	873145	53	27	11	40	7	<	285	3.0	<	2.41	65	5.8	2.3	195	26	<	<	2	10.0	2	10.0	50	<	8.2	2.00	17	6.1
41I	873146	83	19	8	27	11	<	307	2.0	<	2.13	55	7.3	1.4	110	24	<	<	<	10.0	18	10.0	50	<	3.0	0.76	<	4.7
41I	873147	53	24	8	51	10	<	278	2.0	<	2.96	55	6.4	2.1	260	19	<	<	<	10.0	2	10.0	50	<	4.0	1.10	2	5.5
41I	873148	89	31	12	53	16	<	678	2.0	<	3.54	95	9.0	2.3	<40	37	<	<	5	10.0	2	10.0	50	<	6.0	1.50	8	6.0
41I	873149	67	31	11	39	7	<	194	1.0	<	1.66	95	23.8	1.7	135	20	0.2	<	<	10.0	-	-	50	<	5.8	1.50	8	6.0
41I	873150	77	34	9	33	5	<	58	2.0	2	0.45	120	59.6	2.0	40	14	0.2	<	<	10.0	-	-	50	<	3.6	1.00	1	5.1
41I	873151	122	43	15	45	15	<	651	5.0	<	2.06	125	26.8	3.3	105	35	0.5	0.2	4	10.0	4	7.50	80	<	3.0	0.76	<	4.7
41I	873153	153	53	15	46	27	<	2320	4.0	3	4.71	125	19.8	4.9	180	48	0.6	0.2	1	10.0	-	-	40	<	3.0	0.76	<	4.8
41I	873154	123	49	27	46	17	0.2	382	5.0	2	3.40	225	30.3	3.1	120	28	0.7	0.4	1	10.0	-	-	40	<	3.4	0.64	<	5.0
41I	873155	195	160	99	175	26	0.5	402	16.0	2	3.41	335	40.6	3.6	90	36	2.5	0.6	6	10.0	-	-	50	<	4.4	0.72	4	5.8
41I	873156	118	49	18	15	26	0.2	1920	2.0	<	4.95	205	54.2	2.2	50	53	0.3	0.2	<	10.0	-	-	500	<	4.0	0.44	2	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873157	17	535158	5195645	MPC	04	.25-1	11	-	Md	-	BrBk	-
41I	873158	17	539165	5198331	MPC	04	.25-1	1	-	Md	-	GyBr	-
41I	873159	17	535060	5201369	MPC	04	.25-1	5	-	Md	-	Br	-
41I	873160	17	533641	5202786	MPC	04	1-5	25	-	Md	-	BrBk	-
41I	873162	17	535840	5199602	MPC	04	.25-1	2	10	Md	-	Br	-
41I	873163	17	535840	5199589	MPC	04	.25-1	2	20	Md	-	Br	-
41I	873164	17	532400	5199800	MPC	04	.25-1	17	-	Md	-	Br	-
41I	873165	17	532937	5195751	MPC	04	1-5	20	-	Lw	-	Br	-
41I	873166	17	531144	5193723	MPC	04	1-5	10	-	Lw	-	GyBr	-
41I	873167	17	528822	5192371	MPC	04	.25-1	10	-	Hi	-	Br	-
41I	873168	17	529063	5190401	MPC	04	.25-1	8	-	Md	-	Br	-
41I	873169	17	485500	5142105	MPGF	04	.25-1	2	-	Lw	-	Br	-
41I	873170	17	486064	5151951	MPSG	04	1-5	4	-	Lw	-	GyBr	-
41I	873171	17	505790	5170085	MPWG	04	.25-1	7	-	Md	-	BrBk	-
41I	873172	17	508152	5168531	MPWG	04	.25-1	4	-	Lw	-	Br	-
41I	873173	17	510833	5168767	MPWG	04	1-5	3	-	Md	-	Br	-
41I	873174	17	512766	5168850	MPSG	04	1-5	20	-	Lw	-	GyBr	-
41I	873175	17	514395	5170081	ACSP	02	1-5	6	-	Lw	-	GyBr	-
41I	873176	17	512828	5171744	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	873177	17	513394	5172456	ACSP	02	.25-1	8	-	Hi	-	Br	-
41I	873178	17	512688	5174510	ACSP	02	.25-1	13	-	Md	-	Br	-
41I	873179	17	512303	5178939	ACSP	02	.25-1	12	-	Hi	-	Br	-
41I	873182	17	513645	5182387	AMVB	02	.25-1	8	-	Lw	-	Br	-
41I	873183	17	516665	5181062	AMVB	02	>5	3	-	Lw	-	Gy	-
41I	873184	17	521808	5184751	MPC	04	1-5	15	-	Hi	-	Br	-
41I	873185	17	526737	5184081	MPC	04	.25-1	4	-	Lw	-	Br	-
41I	873186	17	529167	5186045	MPC	04	.25-1	4	10	Md	-	Br	-
41I	873187	17	529167	5186033	MPC	04	.25-1	4	20	Md	-	Br	-
41I	873188	17	525135	5186088	MPC	04	.25-1	10	-	Md	-	Br	-
41I	873189	17	524625	5186878	MPC	04	1-5	17	-	Md	-	GyBk	-
41I	873190	17	524159	5189062	MPC	04	.25-1	4	-	Hi	-	Br	-
41I	873191	17	522366	5189724	MPC	04	.25-1	3	-	Hi	-	Br	-
41I	873192	17	522848	5192598	MPC	04	1-5	9	-	Hi	-	Br	-
41I	873193	17	525757	5192328	MPC	04	1-5	13	-	Hi	-	Br	-
41I	873194	17	524310	5194113	MPC	04	1-5	6	-	Md	-	GyBr	-
41I	873195	17	520478	5193764	MPC	04	.25-1	6	-	Md	-	GyBr	-
41I	873196	17	519537	5190937	MPC	04	.25-1	9	-	Md	-	Br	-
41I	873198	17	516601	5188001	MPC	04	.25-1	11	-	Md	-	Br	-
41I	873199	17	517051	5184730	MPC	04	.25-1	5	-	Md	-	Br	-
41I	873200	17	514660	5185342	MPC	04	.25-1	7	-	Md	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873157	142	52	22	38	7	<	136	3.0	2	1.27	140	39.0	1.8	70	34	1.0	0.2	<	10.0	-	-	50	<	3.2	0.60	1	5.3
41I	873158	79	61	14	36	7	0.2	72	3.0	<	0.69	170	32.4	2.3	45	15	0.6	0.3	<	10.0	-	-	40	<	5.8	0.72	6	5.9
41I	873159	96	34	8	29	5	<	140	1.0	2	1.42	95	34.6	2.8	70	26	0.2	0.3	2	10.0	-	-	50	<	6.0	0.72	5	5.8
41I	873160	107	80	11	25	4	<	376	3.0	3	1.27	205	31.0	5.0	85	27	0.5	0.4	1	10.0	-	-	40	<	5.6	0.76	5	5.9
41I	873162	133	266	9	74	10	<	350	5.0	4	1.36	170	39.4	10.0	85	27	0.9	0.5	4	10.0	-	-	50	<	5.0	0.68	5	5.8
41I	873163	105	285	8	56	10	<	257	4.0	5	1.39	160	40.4	10.3	120	27	0.7	0.8	3	10.0	-	-	50	<	5.0	0.76	5	5.8
41I	873164	113	57	21	33	8	<	189	3.0	2	1.20	130	40.0	4.8	100	22	0.9	0.4	3	10.0	-	-	40	<	6.8	0.68	7	6.0
41I	873165	103	49	20	35	9	<	234	3.0	<	2.74	170	22.6	2.4	90	31	0.4	0.2	2	10.0	-	-	40	<	4.0	0.56	1	5.4
41I	873166	82	49	29	45	8	<	210	4.0	<	2.58	130	21.8	2.1	110	23	0.4	0.2	1	10.0	-	-	40	<	3.8	0.72	1	5.3
41I	873167	72	85	13	29	8	<	122	2.0	<	1.14	270	42.2	4.1	85	29	0.5	0.2	4	10.0	-	-	40	<	1.6	0.36	<	4.1
41I	873168	79	48	17	54	9	<	91	4.0	<	0.99	175	33.4	2.2	75	18	0.7	0.2	<	10.0	-	-	50	<	1.6	0.36	<	4.0
41I	873169	40	79	14	187	5	0.3	55	4.0	<	0.61	205	50.4	12.4	110	18	0.7	0.2	2	10.0	-	-	100	<	3.2	0.92	3	5.6
41I	873170	103	95	15	363	25	0.2	452	4.0	<	2.96	115	12.6	2.7	225	33	0.7	0.2	4	10.0	-	-	60	0.06	15.0	4.80	39	6.4
41I	873171	478	201	101	250	38	0.6	1540	12.0	<	5.34	560	28.0	4.4	75	56	3.6	1.1	35	10.0	39	7.50	50	<	7.4	1.60	14	6.1
41I	873172	120	46	12	52	8	0.2	111	3.0	<	2.06	145	51.6	1.5	150	53	0.4	<	<	10.0	1	7.50	50	<	6.8	2.00	14	6.1
41I	873173	71	65	10	73	9	<	166	7.0	<	1.64	70	24.4	2.2	160	25	0.3	0.2	2	10.0	-	-	50	<	3.4	1.10	4	5.7
41I	873174	76	38	14	73	14	<	238	7.0	<	3.13	35	2.4	1.6	160	30	<	0.2	<	10.0	2	10.0	50	<	3.8	1.00	<	4.6
41I	873175	58	53	15	93	11	<	155	6.0	<	2.77	55	8.4	1.8	135	27	<	0.2	3	10.0	2	10.0	60	<	3.4	0.96	<	4.3
41I	873176	69	103	22	152	4	<	52	9.0	<	0.82	95	50.8	1.5	70	17	0.4	0.2	3	10.0	-	-	60	<	1.8	0.44	<	4.0
41I	873177	180	160	43	152	22	0.3	188	16.0	3	2.26	170	53.6	3.0	60	37	1.4	0.4	2	10.0	-	-	60	<	3.0	1.00	3	5.6
41I	873178	216	133	33	137	25	<	546	10.0	2	3.72	105	36.4	3.0	130	33	1.5	0.4	5	10.0	6	7.50	60	<	4.0	1.00	2	5.5
41I	873179	156	149	48	128	11	0.3	328	11.0	<	1.17	200	41.4	7.0	190	25	1.4	0.3	7	10.0	-	-	50	<	7.0	1.40	12	6.1
41I	873182	128	41	11	31	4	0.2	101	2.0	<	0.84	145	63.4	1.9	50	19	0.4	0.2	2	10.0	-	-	50	<	4.0	1.30	8	6.1
41I	873183	48	22	8	31	8	<	141	1.0	<	2.02	45	5.2	3.8	160	28	<	<	4	10.0	2	10.0	50	<	8.6	1.80	16	6.2
41I	873184	78	41	18	53	21	<	401	5.0	<	2.60	165	23.4	2.3	85	47	0.2	0.2	4	10.0	-	-	50	<	2.6	0.64	<	4.4
41I	873185	97	49	26	83	10	<	145	5.0	<	1.15	175	35.6	2.4	110	17	0.9	0.3	4	10.0	-	-	50	<	3.0	0.84	<	4.9
41I	873186	111	53	8	34	12	<	105	1.0	<	0.91	105	55.8	2.9	45	16	0.3	0.2	2	10.0	-	-	40	<	1.8	0.52	<	4.4
41I	873187	92	49	5	31	13	<	102	1.0	<	0.95	105	55.0	2.9	45	17	0.3	0.2	2	10.0	-	-	40	<	2.0	0.56	<	4.2
41I	873188	113	68	30	79	9	0.3	118	7.0	<	1.00	205	41.0	2.3	65	26	1.1	0.3	4	10.0	-	-	40	<	2.4	0.48	<	4.1
41I	873189	107	52	22	63	17	<	430	6.0	<	2.94	100	21.0	2.8	80	21	0.8	0.3	14	10.0	-	-	40	<	2.4	0.52	<	3.9
41I	873190	103	33	12	37	7	<	49	2.0	<	0.53	130	27.0	2.4	60	24	0.4	0.2	2	10.0	-	-	40	<	1.2	0.28	<	3.9
41I	873191	105	46	16	44	20	<	268	3.0	<	3.60	100	25.0	3.9	79	28	0.4	0.2	4	10.0	-	-	40	<	2.6	0.68	<	4.5
41I	873192	93	45	21	49	16	<	207	6.0	<	3.12	95	23.8	3.0	80	25	0.4	0.2	<	10.0	-	-	40	<	2.8	0.68	<	4.3
41I	873193	82	23	14	29	14	<	316	6.0	<	3.77	95	9.0	2.1	70	24	<	0.2	4	10.0	2	10.0	40	<	2.4	0.68	<	4.3
41I	873194	30	9	6	13	5	<	98	2.0	<	1.46	50	3.8	1.2	60	12	<	<	3	10.0	<	10.0	40	<	2.6	0.64	<	4.4
41I	873195	62	20	8	19	8	<	84	1.0	<	0.75	65	15.4	1.9	60	13	<	<	1	10.0	-	-	40	<	1.4	0.28	<	4.0
41I	873196	66	31	8	22	4	<	109	2.0	<	0.56	135	41.0	2.2	55	17	0.5	<	<	10.0	-	-	40	<	1.6	0.32	<	4.0
41I	873198	130	51	17	32	3	<	75	2.0	<	0.59	270	68.4	1.4	60	15	0.6	0.2	3	10.0	-	-	40	<	4.0	0.76	1	5.4
41I	873199	103	34	6	23	2	<	72	1.0	<	0.73	185	52.6	1.5	45	26	0.4	<	3	10.0	-	-	50	<	2.0	0.56	<	4.4
41I	873200	116	67	23	42	25	<	419	2.0	<	2.16	205	51.8	3.8	60	51	0.7	0.2	3	10.0	-	-	50	<	2.6	0.64	<	4.4

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873202	17	509823	5183730	AMVF	02	.25-1	12	10	Lw	-	GyBr	-
41I	873203	17	509823	5183717	AMVF	02	.25-1	12	20	Lw	-	GyBr	-
41I	873204	17	504307	5183249	ACSP	02	.25-1	5	-	Lw	-	GyBr	-
41I	873205	17	508496	5186261	MPHL	04	.25-1	11	-	Lw	-	Br	-
41I	873206	17	511832	5187954	MPC	04	.25-1	04	-	Md	-	Br	-
41I	873207	17	515933	5190055	MPC	04	1-5	20	-	Md	-	Br	-
41I	873208	17	515044	5191312	MPC	04	1-5	18	-	Md	-	Br	-
41I	873209	17	515857	5194093	MPC	04	.25-1	9	-	Md	-	Br	-
41I	873210	17	516100	5197435	MPC	04	1-5	20	-	Md	-	Br	-
41I	873211	17	518370	5198819	MPC	04	.25-1	25	-	Md	-	Br	-
41I	873212	17	519532	5195669	MPC	04	.25-1	7	-	Md	-	Br	-
41I	873213	17	522270	5195931	MPC	04	1-5	12	-	Md	-	GyBr	-
41I	873214	17	523443	5198347	MPC	04	1-5	22	-	Md	-	GyBk	-
41I	873215	17	526307	5196143	MPC	04	.25-1	11	-	Md	-	Br	-
41I	873216	17	528788	5196066	MPC	04	.25-1	14	-	Md	-	Br	-
41I	873217	17	525491	5199773	MPC	04	1-5	14	-	Md	-	GyBr	-
41I	873218	17	524700	5200681	MPC	04	.25-1	9	-	Md	-	Br	-
41I	873220	17	529549	5199737	MPC	04	1-5	8	-	Md	-	GyBr	-
41I	873222	17	532295	5201182	MPC	04	1-5	18	-	Md	-	Br	-
41I	873223	17	529874	5202399	MPC	04	1-5	9	10	Md	-	Br	-
41I	873224	17	529874	5202399	MPC	04	1-5	9	20	Md	-	Br	-
41I	873225	17	525168	5203720	MPC	04	.25-1	8	-	Md	-	Br	-
41I	873226	17	522726	5202303	MPC	04	.25-1	8	-	Md	-	Br	-
41I	873227	17	517649	5202488	MPC	04	1-5	22	-	Md	-	Br	-
41I	873228	17	516032	5202682	MPC	04	.25-1	8	-	Md	-	Br	-
41I	873229	17	512804	5203744	MPC	04	.25-1	6	-	Md	-	GyBr	-
41I	873230	17	510761	5200531	MPQL	04	.25-1	17	-	Md	-	Br	-
41I	873231	17	507514	5201529	ACSP	02	.25-1	9	-	Md	-	GyBr	-
41I	873232	17	509000	5199000	MPC	04	.25-1	8	-	Md	-	Br	-
41I	873233	17	511980	5198250	MPQL	04	.25-1	4	-	Md	-	Br	-
41I	873234	17	510974	5194687	MPND	04	.25-1	21	-	Hi	-	Br	-
41I	873235	17	508292	5196499	MPC	04	1-5	3	-	Md	-	Br	-
41I	873236	17	506345	5197351	MPC	04	1-5	6	-	Md	-	Br	-
41I	873238	17	509055	5193091	MPC	04	.25-1	4	-	Md	-	Br	-
41I	873239	17	510423	5191731	MPC	04	1-5	8	-	Md	-	GyBr	-
41I	873240	17	510636	5189990	MPC	04	.25-1	5	-	Lw	-	Br	-
41I	873242	17	508820	5189031	LPAD	04	.25-1	3	10	Lw	-	Br	Hvy
41I	873243	17	508820	5189031	LPAD	04	.25-1	3	20	Lw	-	Br	Lgt
41I	873244	17	504763	5188901	MPQL	04	.25-1	3	-	Md	-	Br	-
41I	873245	17	504014	5183946	ACSP	02	.25-1	2	-	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873202	178	85	26	59	8	<	309	3.0	<	2.10	200	59.4	2.3	65	32	1.0	0.3	2	10.0	-	-	60	<	7.0	0.76	9	5.9
41I	873203	178	104	44	89	9	0.2	279	7.0	<	2.63	225	60.2	2.0	50	30	1.4	0.6	3	10.0	-	-	50	<	6.6	0.76	9	6.0
41I	873204	111	60	25	60	6	0.2	166	4.0	<	1.29	190	28.8	1.4	100	17	1.0	0.3	<	10.0	-	-	50	<	6.6	1.50	13	6.1
41I	873205	124	58	13	31	12	<	233	2.0	<	1.83	75	51.8	6.3	70	18	0.8	0.3	3	10.0	-	-	50	<	7.6	1.30	12	6.1
41I	873206	165	83	46	80	22	<	819	6.0	<	4.13	165	29.0	6.6	100	34	1.6	0.4	2	10.0	-	-	60	<	3.2	0.76	2	5.7
41I	873207	179	107	62	65	23	<	990	10.0	3	5.68	175	27.2	5.2	80	35	1.3	0.6	3	10.0	-	-	60	<	4.0	0.64	2	5.7
41I	873208	159	81	28	30	23	0.2	625	4.0	2	3.51	230	36.2	4.0	80	50	0.9	0.4	2	10.0	-	-	60	<	4.0	0.68	3	5.7
41I	873209	134	56	16	30	10	<	239	2.0	<	1.88	130	35.6	2.9	85	23	0.6	<	1	10.0	-	-	60	<	3.8	0.64	<	4.9
41I	873210	145	77	39	53	12	<	214	5.0	<	3.10	165	28.4	2.8	130	25	1.0	0.4	4	10.0	3	7.50	50	<	2.8	0.52	<	5.6
41I	873211	141	85	62	44	28	0.4	534	9.0	2	7.14	195	30.6	3.8	85	81	0.8	0.5	4	10.0	4	10.0	50	<	4.0	0.88	3	5.7
41I	873212	97	52	17	35	30	<	129	3.0	<	2.80	170	28.0	3.8	50	25	0.4	0.2	4	10.0	<	10.0	60	<	1.8	0.40	<	4.3
41I	873213	78	25	8	23	9	<	321	3.0	<	2.24	65	12.6	2.2	60	22	0.4	0.2	4	10.0	<	7.50	50	<	2.8	0.60	<	4.4
41I	873214	125	40	17	34	23	<	2620	3.0	<	5.74	90	15.4	3.0	75	26	0.7	0.2	2	10.0	-	-	50	<	3.0	0.68	<	4.4
41I	873215	113	38	15	31	8	0.2	230	3.0	<	1.49	95	23.4	2.8	75	19	0.8	0.2	4	10.0	-	-	40	<	2.0	0.44	<	4.0
41I	873216	186	72	42	81	42	<	575	9.0	2	6.08	225	36.2	4.1	105	31	1.5	0.7	3	10.0	-	-	40	<	1.6	0.40	<	4.0
41I	873217	82	40	21	33	6	<	97	4.0	<	1.05	90	21.6	1.7	75	18	0.5	0.2	<	10.0	-	-	50	<	2.2	0.52	<	4.1
41I	873218	88	37	18	31	7	<	120	3.0	<	1.13	135	33.4	3.1	80	17	0.7	0.4	<	10.0	-	-	50	<	2.6	0.56	<	4.4
41I	873220	31	18	10	19	4	<	92	2.0	<	0.97	35	4.6	1.1	70	10	<	<	3	10.0	-	-	60	<	4.4	0.76	1	5.6
41I	873222	231	80	11	38	19	<	2100	4.0	9	3.63	165	30.4	5.4	55	28	1.3	0.8	3	10.0	-	-	60	<	5.6	0.64	4	5.9
41I	873223	132	54	29	33	8	<	198	3.0	<	1.36	165	36.6	2.8	70	15	1.0	0.4	3	10.0	-	-	50	<	3.6	0.44	1	5.2
41I	873224	126	45	16	24	6	<	190	1.0	<	1.22	120	36.8	2.9	75	17	0.7	0.2	2	10.0	-	-	50	<	4.0	0.48	1	5.3
41I	873225	99	39	9	23	6	<	200	2.0	2	2.12	125	33.8	3.1	55	20	0.3	0.2	1	10.0	-	-	40	<	3.4	0.72	1	5.4
41I	873226	83	31	8	22	7	<	118	1.0	<	0.99	160	35.2	1.5	50	18	0.4	<	<	10.0	-	-	50	<	2.6	0.60	<	4.5
41I	873227	124	55	21	39	14	<	878	6.0	2	4.89	95	16.0	2.6	105	37	0.7	0.3	5	10.0	3	10.0	50	<	3.6	0.72	1	5.4
41I	873228	86	21	9	20	7	<	155	1.0	<	2.52	65	5.0	1.8	115	18	0.3	<	<	10.0	<	10.0	40	<	4.0	0.72	2	5.6
41I	873229	116	46	13	24	11	<	178	2.0	2	2.77	130	22.2	2.5	85	26	0.5	0.2	2	10.0	-	-	50	<	3.2	0.60	1	5.5
41I	873230	190	74	12	30	10	<	352	2.0	<	2.41	195	41.4	6.2	120	32	0.9	0.2	2	10.0	-	-	50	<	7.0	1.60	15	6.1
41I	873231	135	44	24	23	9	<	413	3.0	5	3.70	125	23.0	55.3	180	32	0.7	0.2	<	10.0	-	-	180	0.07	2.8	0.56	1	5.3
41I	873232	96	31	16	16	6	<	118	<	<	1.05	135	44.0	17.2	165	18	0.3	<	2	10.0	-	-	200	0.07	2.8	0.60	<	4.7
41I	873233	99	64	8	23	16	<	112	1.0	<	1.30	190	38.0	3.7	<40	21	0.6	0.2	<	10.0	-	-	60	<	7.0	1.60	15	6.1
41I	873234	116	66	15	20	10	<	141	2.0	2	2.36	295	55.2	3.4	<40	54	0.2	0.2	3	10.0	-	-	60	<	2.2	0.52	<	4.6
41I	873235	61	33	6	25	8	<	41	<	<	0.72	95	36.0	3.8	60	17	0.4	<	<	10.0	-	-	60	<	1.8	0.44	<	4.3
41I	873236	96	45	19	32	13	<	322	3.0	<	3.80	120	21.2	7.7	160	47	0.2	0.2	3	10.0	-	-	100	<	2.8	0.72	2	5.5
41I	873238	144	63	32	44	19	<	675	4.0	<	3.63	95	21.2	8.4	120	48	0.9	<	5	10.0	1	7.50	80	<	2.8	0.72	2	5.6
41I	873239	133	38	11	26	26	<	1680	1.0	2	6.97	55	13.0	11.0	185	65	0.3	0.4	5	10.0	1	10.0	80	<	2.8	0.76	2	5.6
41I	873240	90	45	15	30	10	<	291	2.0	<	2.28	145	30.0	6.7	105	36	0.8	0.4	2	10.0	-	-	60	<	3.0	0.72	2	5.6
41I	873242	173	49	7	14	11	<	275	1.0	3	4.10	55	68.2	2.3	70	32	0.4	0.3	5	10.0	-	-	50	<	2.4	0.64	2	5.6
41I	873243	196	45	4	11	10	<	271	1.0	2	3.92	55	73.4	2.2	50	25	0.4	0.2	3	10.0	-	-	50	<	2.4	0.60	2	5.7
41I	873244	150	131	11	49	18	<	357	3.0	3	2.93	70	40.4	7.8	120	37	0.7	0.2	5	10.0	6	7.50	50	<	4.0	1.40	7	6.0
41I	873245	163	61	27	61	7	<	138	4.0	<	2.79	80	21.4	1.6	160	41	0.6	<	3	10.0	-	-	40	<	7.0	1.00	14	6.2

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873246	17	502360	5189552	MPQL	04	.25-1	4	-	Lw	-	Br	-
41I	873247	17	502293	5191224	MPC	04	.25-1	12	-	Md	-	Br	-
41I	873248	17	504287	5190849	MPC	04	.25-1	10	-	Md	-	Br	-
41I	873249	17	504600	5194103	MPC	04	1-5	5	-	Lw	-	Br	-
41I	873250	17	505157	5195762	MPC	04	.25-1	4	-	Md	-	Br	-
41I	873251	17	503499	5197628	MPC	04	1-5	8	-	Md	-	Br	-
41I	873252	17	502907	5199066	AMVB	02	.25-1	12	-	Md	-	Br	-
41I	873253	17	502968	5200727	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873254	17	505498	5203608	ACSP	02	1-5	4	-	Lw	-	Br	-
41I	873256	17	502372	5204620	ACSP	02	1-5	4	-	Md	-	BrBk	-
41I	873257	17	498967	5202871	MPC	04	.25-1	2	-	Md	-	Br	-
41I	873258	17	495272	5202543	MPC	04	1-5	4	-	Lw	-	Br	-
41I	873259	17	498687	5200827	MPC	04	1-5	11	-	Md	-	Br	-
41I	873260	17	499157	5196787	MPC	04	1-5	7	-	Md	-	Br	-
41I	873262	17	501249	5195437	MPND	04	.25-1	4	-	Hi	-	Br	-
41I	873263	17	498507	5191848	MPQL	04	.25-1	26	10	Md	-	Br	-
41I	873264	17	498494	5191836	MPQL	04	.25-1	26	20	Md	-	Br	-
41I	873265	17	500452	5184069	ACSP	02	1-5	10	-	Hi	-	Br	-
41I	873266	17	498284	5184459	ACSP	02	.25-1	6	-	Hi	-	Br	-
41I	873267	17	498752	5181550	ACSP	02	.25-1	4	-	Hi	-	Br	-
41I	873268	17	502481	5181908	ACSP	02	.25-1	3	-	Md	-	BrBk	-
41I	873269	17	500589	5178162	ACSP	02	.25-1	10	-	Hi	-	Br	-
41I	873270	17	500799	5174723	MPWG	04	.25-1	10	-	Hi	-	Br	-
41I	873271	17	503881	5177113	MPSG	04	1-5	3	-	Hi	-	GyBr	-
41I	873272	17	505892	5175619	MPWG	04	.25-1	4	-	Hi	-	Br	-
41I	873274	17	507419	5175552	MPWG	04	.25-1	15	-	Hi	-	Br	-
41I	873275	17	509405	5178052	MPSG	04	.25-1	10	-	Hi	-	Br	-
41I	873276	17	509722	5176071	MPSN	04	-	6	-	Md	-	GyBr	-
41I	873277	17	510746	5172716	MPSN	04	1-5	7	-	Md	-	GyBr	-
41I	873278	17	509052	5172299	MPSG	04	.25-1	11	-	Lw	-	GyBr	-
41I	873279	17	502177	5172949	MPWG	04	1-5	7	-	Md	-	BrBk	-
41I	873280	17	502834	5139913	MPHL	04	1-5	12	-	Md	Ca	GyBr	-
41I	873282	17	506510	5142583	MPHL	04	1-5	8	-	Md	Ca	GyBr	-
41I	873283	17	515187	5143762	MPS	04	pond	1	-	Md	-	Gy	-
41I	873284	17	515503	5145998	LPGB	04	.25-1	1	10	Lw	-	Br	-
41I	873285	17	515503	5145998	LPGB	04	.25-1	1	20	Lw	-	Br	-
41I	873286	17	526619	5146146	MPS	04	.25-1	7	-	Lw	-	Br	-
41I	873287	17	525810	5144885	MPS	04	.25-1	9	-	Md	-	GyBr	-
41I	873288	17	529614	5147588	MPS	04	.25-1	9	-	Lw	-	BrBk	-
41I	873289	17	543537	5159779	MPS	04	.25-1	3	-	Md	-	Br	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873246	171	41	3	32	8	<	75	<	2	0.75	75	78.0	2.8	40	9	0.5	<	<	10.0	-	-	40	<	6.6	2.10	19	6.2
41I	873247	117	62	42	67	12	<	239	4.0	<	2.31	165	33.4	2.6	90	33	1.6	0.2	5	10.0	<	7.50	40	<	3.4	0.92	3	5.8
41I	873248	147	66	27	56	21	0.3	367	4.0	<	2.66	165	29.8	3.4	95	48	1.2	<	3	10.0	-	-	40	<	3.4	0.84	4	5.8
41I	873249	253	81	5	31	15	<	182	1.0	3	2.07	105	46.8	5.4	115	45	1.2	<	2	10.0	-	-	40	<	2.2	0.60	<	4.9
41I	873250	103	42	7	24	5	<	45	1.0	<	1.31	110	37.0	3.6	60	25	0.4	<	<	10.0	-	-	40	<	2.0	0.60	<	5.0
41I	873251	91	43	22	35	10	<	136	2.0	<	3.21	135	18.6	1.9	135	34	0.2	<	2	10.0	-	-	40	<	2.6	0.60	1	5.3
41I	873252	132	60	31	38	10	<	201	2.0	<	2.15	210	37.2	7.4	180	50	1.0	0.2	2	10.0	-	-	90	<	3.0	0.76	2	5.5
41I	873253	95	49	10	26	5	<	40	<	2	0.50	135	52.6	15.2	70	16	0.6	0.6	3	10.0	-	-	130	<	2.8	0.76	1	5.0
41I	873254	115	46	20	25	8	<	136	3.0	5	3.60	130	24.6	33.0	230	51	0.4	<	4	10.0	-	-	240	0.20	3.2	0.72	1	5.5
41I	873256	78	20	13	25	9	<	231	2.0	2	3.98	45	4.6	3.4	160	29	<	0.2	3	10.0	-	-	160	<	3.0	0.76	1	5.4
41I	873257	66	33	13	22	3	<	45	1.0	<	0.57	120	42.2	7.1	70	15	0.4	0.2	<	10.0	-	-	80	0.07	2.2	0.60	<	4.4
41I	873258	119	50	16	27	7	<	146	3.0	<	1.60	150	29.0	4.8	120	32	0.3	0.3	2	10.0	-	-	60	<	2.2	0.68	<	4.9
41I	873259	107	48	25	32	8	<	167	2.0	<	1.63	215	32.6	5.9	130	41	0.8	<	2	10.0	-	-	50	<	2.2	0.68	1	5.1
41I	873260	119	45	10	28	15	<	355	1.0	<	4.59	100	21.0	2.9	130	47	0.4	0.2	1	10.0	-	-	50	<	2.4	0.64	<	4.7
41I	873262	98	27	11	28	14	<	130	2.0	<	4.42	40	7.6	1.9	100	33	<	<	4	10.0	2	10.0	50	<	2.0	0.40	<	4.6
41I	873263	151	62	13	17	5	<	408	1.0	<	2.96	210	50.2	2.3	80	50	0.7	<	<	10.0	-	-	40	<	7.0	2.10	17	6.2
41I	873264	141	61	10	16	6	<	468	1.0	<	2.77	245	48.0	3.0	75	54	0.6	<	<	10.0	-	-	30	<	7.0	2.10	17	6.2
41I	873265	208	110	52	89	10	<	482	6.0	<	3.61	180	38.2	4.5	165	40	1.3	<	3	10.0	-	-	40	<	3.6	0.76	5	5.8
41I	873266	144	78	36	62	11	<	321	5.0	<	1.82	155	48.2	3.0	100	24	1.6	<	3	10.0	-	-	40	<	3.2	0.84	3	5.6
41I	873267	120	39	3	20	4	<	32	1.0	<	0.50	165	53.2	1.4	50	20	0.5	<	<	10.0	-	-	60	<	2.4	0.68	2	5.5
41I	873268	110	103	33	122	9	<	81	3.0	<	1.79	215	41.6	1.2	90	17	1.3	<	2	10.0	-	-	60	<	3.0	0.72	4	5.7
41I	873269	186	88	13	39	14	<	399	2.0	4	3.76	245	37.4	4.8	110	60	1.3	<	2	10.0	-	-	50	<	3.2	0.76	3	5.8
41I	873270	140	113	33	73	11	0.4	165	10.0	<	2.03	190	28.0	1.8	115	25	0.9	0.2	2	10.0	-	-	50	<	3.0	0.60	<	5.0
41I	873271	290	95	37	91	26	<	808	8.0	<	3.23	310	28.2	4.4	170	36	2.3	0.2	3	10.0	-	-	50	<	7.0	1.50	14	6.1
41I	873272	136	91	23	112	19	<	227	8.0	<	1.28	155	34.6	2.1	60	19	1.2	0.2	<	10.0	-	-	70	<	5.2	1.20	9	6.0
41I	873274	178	138	47	154	15	0.3	144	10.0	2	1.30	245	50.6	0.9	90	37	1.9	0.4	3	10.0	-	-	60	<	1.6	0.44	<	4.0
41I	873275	119	85	17	96	14	<	280	3.0	<	2.09	125	35.8	1.9	125	32	0.7	<	1	10.0	-	-	60	<	3.8	0.92	3	5.7
41I	873276	50	81	17	105	6	<	86	3.0	<	1.40	40	10.0	1.4	105	12	0.3	<	1	10.0	-	-	40	<	5.0	0.92	3	5.8
41I	873277	127	63	12	106	17	<	573	5.0	<	3.88	70	12.4	1.8	190	28	0.3	<	2	10.0	-	-	50	<	4.2	1.00	3	5.7
41I	873278	143	143	33	168	8	<	108	13.0	<	1.96	205	51.4	1.1	70	29	1.3	0.3	1	10.0	-	-	60	<	3.4	0.68	1	5.2
41I	873279	137	73	22	57	7	<	126	4.0	<	1.60	165	22.8	2.5	150	21	1.0	0.2	1	10.0	-	-	40	<	3.6	0.64	2	5.5
41I	873280	263	522	51	779	30	0.5	495	14.0	<	3.25	245	20.4	1.9	165	36	2.6	0.6	11	10.0	12	5.00	60	<	17.0	2.00	34	6.3
41I	873282	192	748	56	1670	49	0.3	375	17.0	<	3.16	115	19.8	2.8	170	25	2.0	0.6	10	10.0	9	10.0	50	<	11.0	3.40	17	6.1
41I	873283	60	266	21	199	12	<	120	6.0	<	2.70	60	10.8	2.3	145	24	0.2	<	2	10.0	-	-	50	<	6.4	3.00	17	6.2
41I	873284	128	1088	57	1580	42	0.6	128	25.0	<	2.26	135	31.2	2.8	130	22	1.9	0.5	12	10.0	14	7.50	50	<	7.4	2.90	21	6.2
41I	873285	177	1275	79	2575	60	0.8	147	32.0	<	3.14	135	27.2	2.3	140	23	2.7	0.7	16	10.0	15	5.00	60	<	6.2	2.80	20	6.2
41I	873286	119	122	27	146	11	0.2	190	4.0	<	2.20	175	38.2	2.6	130	29	0.8	0.2	<	10.0	-	-	60	<	5.0	1.90	9	6.0
41I	873287	126	168	41	184	15	<	268	7.0	<	3.12	160	24.8	2.7	140	34	0.8	<	1	10.0	-	-	50	<	4.8	1.90	8	6.0
41I	873288	118	128	31	138	13	0.2	192	5.0	<	2.67	190	35.6	1.8	155	34	0.6	0.2	<	10.0	-	-	50	<	5.6	2.00	9	6.0
41I	873289	92	50	6	27	2	<	55	1.0	<	0.34	220	59.0	0.7	60	14	0.4	0.2	<	10.0	-	-	50	<	2.2	0.68	<	4.7

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873290	17	545749	5163343	LPGX	04	.25-1	2	-	Lw	-	Br	-
41I	873291	17	546141	5166248	MPND	04	.25-1	7	-	Lw	-	Br	-
41I	873292	17	545887	5168306	MPND	04	.25-1	2	-	Md	-	Br	-
41I	873293	17	547781	5167765	MPC	04	.25-1	6	-	Md	-	Br	-
41I	873295	17	551215	5168473	MPHL	04	1-5	5	-	Md	-	Br	-
41I	873296	17	553207	5168964	MPHL	04	1-5	6	-	Lw	-	GyBr	-
41I	873297	17	556516	5168163	LPGX	04	pond	8	-	Md	-	GyBr	-
41I	873298	17	559632	5166744	LPGX	04	pond	1	-	Lw	-	Br	-
41I	873299	17	564089	5170375	MPS	04	.25-1	6	-	Lw	-	Br	-
41I	873300	17	562986	5165187	LPGX	04	.25-1	3	-	Md	-	Br	-
41I	873302	17	561338	5163199	LPGX	04	pond	1	-	Lw	-	Br	-
41I	873303	17	551852	5164930	MPBN	04	pond	3	10	Md	-	Br	-
41I	873304	17	551839	5164930	MPBN	04	pond	3	20	##	-	Br	-
41I	873305	17	523656	5143350	MPS	04	.25-1	3	-	Lw	Ca	Br	-
41I	873306	17	517367	5141151	MPS	04	.25-1	6	-	Lw	-	Br	-
41I	873307	17	513063	5139690	MPS	04	pond	9	-	Lw	-	Br	-
41I	873308	17	507525	5140131	MPS	04	.25-1	3	-	Lw	-	Br	-
41I	873309	17	503328	5138754	MPHL	04	1-5	13	-	Md	Ca	GyBr	-
41I	873310	17	490185	5136208	MPHL	04	>5	22	-	Md	-	GyBr	-
41I	873311	17	495002	5136747	MPHL	04	>5	7	-	Md	-	GyBk	-
41I	873313	17	496880	5137149	MPND	04	1-5	15	-	Md	-	GyBr	-
41I	873314	17	501262	5136609	MPGF	04	1-5	12	-	Md	-	Br	-
41I	873315	17	505073	5137779	MPS	04	.25-1	11	-	Md	-	Br	-
41I	873316	17	507381	5137204	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873317	17	517985	5137659	MPS	04	.25-1	13	-	Md	-	BrBk	-
41I	873318	17	519901	5137500	MPS	04	1-5	6	-	Md	-	GyBr	-
41I	873319	17	522530	5139962	MPS	04	1-5	5	-	Md	-	GyBr	-
41I	873320	17	527306	5140639	MPS	04	.25-1	1	-	Md	-	Br	-
41I	873322	17	534993	5141586	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873323	17	537594	5139589	MPS	04	>5	3	-	Md	-	Br	-
41I	873324	17	532194	5139587	MPS	04	>5	4	-	Md	-	GyBr	-
41I	873325	17	529898	5136867	MPS	04	>5	5	-	Md	-	Gy	-
41I	873326	17	528841	5132849	MPS	04	.25-1	4	10	Lw	-	Br	-
41I	873327	17	528841	5132849	MPS	04	.25-1	4	20	Lw	-	Br	-
41I	873328	17	529253	5127600	MPS	04	1-5	20	-	Md	-	BrBk	-
41I	873329	17	532573	5126914	MPS	04	1-5	7	-	Md	-	GyBr	-
41I	873330	17	532956	5125404	MPS	04	1-5	7	-	Md	-	GyBr	-
41I	873331	17	535027	5126989	MPS	04	>5	7	-	Lw	-	GyBr	-
41I	873332	17	536246	5128578	MPS	04	.25-1	6	-	Lw	-	GyBr	-
41I	873334	17	538414	5128613	MPS	04	.25-1	5	-	Lw	-	Br	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873290	189	41	7	25	7	<	82	2.0	<	2.96	95	73.4	0.6	50	24	0.8	<	<	10.0	-	-	30	<	2.2	0.80	<	4.8
41I	873291	127	63	10	36	10	<	126	2.0	<	1.03	95	53.8	1.4	70	18	0.5	<	<	10.0	-	-	30	<	3.8	0.92	4	5.7
41I	873292	131	64	15	40	8	<	231	7.0	<	2.40	130	46.0	1.8	60	20	0.6	0.2	<	10.0	-	-	30	<	6.8	1.30	13	6.1
41I	873293	137	72	10	31	10	<	141	2.0	3	1.19	105	59.6	2.5	50	20	0.7	0.2	3	10.0	-	-	30	<	6.0	1.00	10	6.0
41I	873295	182	87	39	64	16	<	575	6.0	<	7.01	125	31.8	3.5	95	54	1.5	0.2	3	10.0	-	-	40	<	3.2	0.88	3	5.7
41I	873296	134	73	28	53	11	<	359	4.0	<	3.84	105	24.4	2.3	115	27	0.9	0.3	4	10.0	<	5.00	30	<	4.0	1.10	6	5.9
41I	873297	119	64	4	18	3	<	80	1.0	<	0.66	185	62.2	0.5	55	11	0.6	0.2	<	10.0	-	-	30	<	3.0	0.76	2	5.3
41I	873298	60	30	16	32	7	<	226	1.0	<	1.06	105	34.8	1.6	90	13	0.7	<	<	10.0	-	-	30	<	4.0	1.40	9	5.9
41I	873299	122	38	13	33	5	<	92	1.0	<	0.70	160	53.4	1.4	80	17	0.7	<	<	10.0	-	-	60	<	2.2	0.60	<	4.8
41I	873300	45	35	13	25	3	<	63	1.0	<	0.36	210	43.4	6.1	80	13	1.0	<	<	10.0	-	-	50	<	5.4	1.80	12	6.0
41I	873302	114	53	31	64	10	<	124	2.0	<	1.67	100	28.0	1.2	140	24	1.0	<	2	10.0	-	-	50	<	5.6	1.60	13	6.0
41I	873303	137	60	51	87	18	<	219	4.0	<	1.65	130	24.5	1.0	115	22	1.5	0.2	<	10.0	-	-	50	<	5.2	1.30	9	5.9
41I	873304	113	50	42	59	15	<	224	5.0	<	1.47	75	24.4	1.2	110	21	1.2	<	2	10.0	-	-	40	<	5.0	1.40	8	6.0
41I	873305	128	53	11	63	16	<	269	2.0	<	2.94	95	20.0	3.1	190	36	0.6	<	<	10.0	-	-	50	<	5.4	2.00	12	6.9
41I	873306	150	441	38	745	21	0.4	191	15.0	<	2.80	220	45.6	3.0	135	34	1.2	0.3	8	10.0	4	5.00	60	<	5.0	2.10	11	6.0
41I	873307	181	725	58	1115	40	0.5	223	29.0	<	2.51	190	39.4	2.1	145	34	1.9	0.4	9	10.0	8	5.00	60	<	6.4	2.60	14	6.1
41I	873308	113	206	21	264	10	<	59	6.0	<	0.79	135	56.4	3.2	75	20	0.8	0.2	4	10.0	-	-	60	<	2.0	0.96	1	5.3
41I	873309	66	127	15	168	12	<	231	7.0	<	3.03	40	9.0	2.5	170	27	0.4	0.2	2	10.0	1	10.0	60	<	4.0	1.20	4	5.8
41I	873310	140	165	16	156	16	0.2	370	7.0	<	3.90	155	18.4	2.7	190	53	1.0	0.2	3	10.0	-	-	50	<	7.0	2.20	10	6.0
41I	873311	223	403	41	535	36	0.4	1012	13.0	<	3.90	185	13.6	3.8	215	43	1.9	0.3	11	10.0	9	10.0	50	<	9.0	2.70	15	6.1
41I	873313	155	347	35	372	15	0.6	189	10.0	<	2.51	160	29.0	5.0	130	46	1.3	0.3	10	10.0	8	5.00	60	<	5.4	1.40	<	4.3
41I	873314	172	311	37	452	20	0.3	238	11.0	<	2.23	200	29.8	9.4	205	38	2.0	0.5	4	10.0	5	5.00	50	<	3.0	0.92	1	5.4
41I	873315	191	288	31	408	14	0.2	179	7.0	2	1.20	245	44.4	12.2	130	29	1.8	0.3	4	10.0	6	5.00	60	<	3.2	1.10	3	5.7
41I	873316	112	245	26	326	12	<	114	8.0	<	1.52	195	37.2	4.8	105	25	1.0	0.2	5	10.0	3	5.00	80	<	3.6	1.50	3	5.7
41I	873317	139	129	20	168	12	<	305	3.0	<	2.70	135	33.6	3.9	120	54	0.6	0.2	2	10.0	-	-	60	<	2.8	1.20	2	5.7
41I	873318	188	130	31	228	21	0.2	412	7.0	<	3.64	240	21.4	2.1	180	44	0.7	0.2	2	10.0	-	-	60	<	5.6	2.30	12	6.0
41I	873319	164	166	41	356	23	<	468	8.0	<	3.11	180	13.8	2.1	165	28	1.1	0.2	2	10.0	-	-	60	<	5.6	2.30	12	6.1
41I	873320	101	175	32	155	8	<	201	4.0	<	1.83	155	41.0	1.6	145	26	1.4	0.2	3	10.0	-	-	60	<	4.8	2.30	13	6.0
41I	873322	142	77	24	104	12	<	714	2.0	<	2.95	150	28.4	2.4	220	33	0.9	0.2	<	10.0	-	-	80	<	7.0	2.70	19	6.2
41I	873323	117	61	25	98	14	<	1680	5.0	<	2.56	125	26.4	2.7	235	31	1.0	0.2	<	10.0	-	-	60	<	6.4	2.40	15	6.2
41I	873324	55	46	16	74	9	<	348	2.0	<	2.57	90	16.8	2.8	220	31	0.2	0.2	<	10.0	-	-	60	<	5.4	2.10	12	6.1
41I	873325	62	34	15	62	10	<	360	2.0	<	2.25	85	4.6	1.3	350	23	<	0.2	12	10.0	<	10.0	50	<	5.4	2.10	12	6.0
41I	873326	97	53	13	48	4	<	83	1.0	<	1.01	285	52.6	1.2	115	20	0.7	0.2	1	10.0	-	-	50	<	2.2	1.10	2	5.4
41I	873327	106	55	11	49	5	<	84	1.0	<	1.01	180	52.4	1.2	125	20	0.8	<	1	10.0	-	-	50	<	1.8	1.00	2	5.4
41I	873328	142	110	62	110	19	0.2	350	9.0	<	4.57	280	32.4	1.8	230	63	0.7	0.6	<	10.0	-	-	50	<	4.0	1.60	6	5.9
41I	873329	182	46	25	67	29	<	770	4.0	<	3.75	195	23.4	2.2	225	43	0.3	0.2	<	10.0	-	-	50	<	4.2	1.60	7	5.9
41I	873330	191	60	29	73	21	<	536	4.0	<	2.98	185	25.4	2.0	235	45	0.7	0.2	1	10.0	-	-	50	<	4.2	1.60	7	5.9
41I	873331	204	89	47	116	16	<	274	5.0	<	2.86	220	34.0	2.1	215	39	1.6	0.3	2	10.0	-	-	50	<	5.4	2.40	9	6.0
41I	873332	144	40	22	56	17	<	342	1.0	<	4.00	120	16.8	2.0	285	48	0.3	0.2	<	10.0	-	-	50	<	5.6	2.60	14	6.1
41I	873334	154	50	20	56	10	<	165	1.0	<	2.24	195	36.6	3.7	240	34	1.1	0.2	1	10.0	-	-	60	<0.50	5.0	2.40	12	6.0

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873335	17	540140	5128369	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873336	17	539063	5124485	MPS	04	1-5	6	-	Lw	-	GyBr	-
41I	873337	17	540782	5122225	MPS	04	>5	2	-	Lw	-	GyBr	-
41I	873338	17	541994	5123929	MPS	04	>5	1	-	Lw	-	Br	-
41I	873339	17	544787	5121755	MPS	04	>5	5	-	Lw	-	Br	-
41I	873340	17	547537	5123532	MPGF	04	.25-1	4	-	Lw	-	Br	Lgt
41I	873342	17	550165	5126789	MPS	04	>5	3	-	Lw	-	GyBr	-
41I	873343	17	551453	5128525	MPBN	04	pond	5	10	Lw	-	Br	-
41I	873344	17	551453	5128525	MPBN	04	pond	5	20	Lw	-	Br	-
41I	873345	17	547661	5132775	LPGX	04	.25-1	3	-	Lw	-	Br	-
41I	873346	17	553427	5130275	MPGF	04	.25-1	11	-	Lw	-	GyBr	-
41I	873347	17	556490	5130591	MPGF	04	1-5	3	-	Lw	-	GyBr	-
41I	873348	17	558695	5131427	MPS	04	1-5	3	-	Lw	-	GyBr	-
41I	873349	17	561172	5130447	MPS	04	>5	2	-	Lw	-	GyBr	-
41I	873350	17	564111	5129706	MPS	04	>5	2	-	Lw	-	GyBr	-
41I	873352	17	568139	5130083	MPS	04	>5	2	-	Lw	-	Gy	-
41I	873353	17	571432	5130962	MPS	04	>5	1	-	Lw	-	Gy	-
41I	873354	17	576182	5133108	MPGF	04	>5	1	-	Lw	-	Gy	-
41I	873355	17	573119	5140386	MPS	04	.25-1	1	-	Lw	-	GyBr	-
41I	873356	17	571491	5140980	MPS	04	.25-1	8	-	Lw	Ca	BrBk	-
41I	873357	17	570466	5145263	MPS	04	1-5	3	-	Lw	Ca	Br	-
41I	873358	17	567973	5145201	MPS	04	1-5	6	-	Lw	Ca	GyBr	-
41I	873359	17	565366	5146504	MPS	04	pond	1	-	Lw	-	GyBr	-
41I	873360	17	560888	5145283	MPS	04	.25-1	9	-	Lw	-	Br	-
41I	873362	17	560120	5146478	MPS	04	1-5	5	10	Lw	Ca	GyBr	-
41I	873363	17	560120	5146465	MPS	04	1-5	5	20	Lw	Ca	GyBr	-
41I	873364	17	561095	5148262	MPS	04	1-5	4	-	Lw	Ca	Br	-
41I	873365	17	564589	5148691	LPGX	04	.25-1	9	-	Lw	-	Br	-
41I	873366	17	566401	5151482	LPGX	04	.25-1	2	-	Lw	-	GyBr	-
41I	873368	17	563028	5155195	MPS	04	pond	1	-	Lw	-	GyBr	-
41I	873369	17	571403	5167566	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41I	873370	17	569210	5169529	MPS	04	pond	1	-	Md	-	Br	-
41I	873371	17	568390	5168732	MPS	04	.25-1	1	-	Md	-	GyBr	-
41I	873372	17	569355	5181997	ACSP	02	.25-1	6	-	Md	-	GyBr	-
41I	873373	17	571579	5182178	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873374	17	575373	5182438	ACSP	02	.25-1	11	-	Lw	-	Br	-
41I	873375	17	573444	5179232	AGN	02	.25-1	10	-	Md	-	Br	-
41I	873376	17	572248	5176613	MPS	04	.25-1	10	-	Md	-	Br	-
41I	873377	17	576166	5171786	MPS	04	1-5	9	-	Lw	Ca	Gy	-
41I	873378	17	572940	5170596	MPS	04	.25-1	3	-	Lw	-	Br	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873335	152	49	18	42	9	<	229	2.0	<	1.69	125	50.4	2.0	105	33	0.9	<	<	10.0	-	-	50	<	3.6	1.70	7	5.9
41I	873336	167	62	31	74	16	<	346	2.0	<	2.48	185	33.8	2.1	230	41	1.2	0.2	2	10.0	-	-	50	<	4.6	2.00	7	5.9
41I	873337	60	16	10	29	10	<	214	1.0	<	1.90	55	4.0	1.3	195	20	0.4	0.2	<	10.0	2	10.0	50	<	5.2	2.30	11	6.0
41I	873338	128	39	16	44	10	<	182	3.0	<	1.85	125	22.0	2.3	225	26	1.4	0.2	<	10.0	-	-	60	<	5.4	2.50	12	6.0
41I	873339	178	38	23	52	15	<	344	3.0	<	2.96	140	20.6	2.3	285	32	1.1	0.2	<	10.0	-	-	50	<	5.8	2.60	14	6.1
41I	873340	175	49	23	46	12	<	245	2.0	<	2.39	155	33.4	3.1	190	36	1.2	0.2	4	10.0	2	7.50	50	<	7.4	3.60	24	6.2
41I	873342	86	18	10	32	11	<	236	1.0	<	2.77	95	5.6	1.6	240	29	0.4	0.2	8	10.0	3	10.0	60	0.07	10.6	4.20	31	6.3
41I	873343	235	62	9	27	5	<	140	1.0	<	2.14	120	57.6	2.6	200	35	1.0	0.2	<	10.0	-	-	50	<	3.6	1.70	12	6.0
41I	873344	234	61	9	28	7	<	145	1.0	<	2.16	100	55.8	2.2	180	37	1.1	0.2	<	10.0	-	-	50	<	3.8	1.60	12	6.0
41I	873345	245	62	13	35	7	<	101	2.0	2	1.56	190	61.6	1.4	135	25	1.8	0.2	<	10.0	-	-	50	<	5.2	2.30	17	6.1
41I	873346	178	57	27	48	14	0.3	321	2.0	<	3.14	215	36.6	2.0	225	50	0.9	0.2	1	10.0	-	-	50	<	5.6	2.50	18	6.1
41I	873347	163	29	15	40	18	<	339	2.0	<	3.77	130	10.6	2.7	290	38	0.7	0.2	27	10.0	2	10.0	60	0.07	13.6	5.40	44	6.4
41I	873348	200	40	17	56	20	<	340	2.0	<	3.93	190	20.2	3.4	315	41	1.2	0.2	2	10.0	-	-	70	0.06	13.8	5.80	45	6.4
41I	873349	135	30	14	39	12	<	255	2.0	<	3.13	120	11.2	2.7	295	33	0.8	0.2	3	10.0	-	-	70	0.06	14.6	5.60	41	6.4
41I	873350	107	30	16	39	12	<	344	2.0	<	3.08	125	7.4	2.5	265	34	0.5	<	1	10.0	5	10.0	60	0.06	11.6	4.20	34	6.3
41I	873352	65	34	15	37	11	<	478	1.0	<	2.47	50	2.8	1.8	455	50	0.2	0.2	<	10.0	1	10.0	60	<	9.4	3.00	23	6.2
41I	873353	74	32	22	37	10	<	220	2.0	<	2.91	95	8.4	2.2	295	35	0.8	0.2	2	10.0	3	10.0	60	<	10.2	3.50	28	6.3
41I	873354	77	22	16	38	10	<	210	1.0	<	2.86	95	5.8	2.0	250	32	0.2	0.2	<	10.0	3	10.0	60	0.15	16.8	4.60	47	6.5
41I	873355	94	31	16	31	8	<	155	1.0	<	1.94	130	25.2	3.9	235	27	0.9	0.2	4	10.0	6	5.00	70	<	6.6	2.30	20	6.1
41I	873356	163	56	43	42	9	<	299	3.0	<	1.61	285	53.0	1.6	85	28	1.8	0.3	2	10.0	-	-	50	<	4.6	1.40	8	5.9
41I	873357	209	67	49	56	12	<	560	4.0	<	1.82	215	41.8	2.8	135	29	3.2	0.4	3	10.0	-	-	50	<	8.2	2.50	20	6.2
41I	873358	154	47	17	33	9	<	361	2.0	<	1.48	140	36.2	2.9	125	27	1.2	0.2	<	10.0	-	-	50	<	8.4	2.60	20	6.2
41I	873359	40	20	10	25	7	<	107	1.0	<	1.80	75	11.0	3.0	170	22	0.5	0.2	<	10.0	-	-	60	<	10.4	3.90	26	6.3
41I	873360	172	57	24	36	14	<	557	2.0	<	2.45	185	41.8	2.5	145	41	1.1	0.3	<	10.0	-	-	60	<	5.4	2.00	11	6.0
41I	873362	230	52	28	67	18	<	431	3.0	<	3.36	225	24.8	2.4	135	42	1.5	0.3	<	10.0	-	-	50	<	8.0	3.00	19	6.1
41I	873363	212	51	25	67	17	<	434	2.0	<	3.33	320	24.0	2.4	160	43	1.3	0.2	2	10.0	-	-	50	<	8.0	3.10	19	6.1
41I	873364	193	42	19	57	14	<	353	2.0	<	3.31	255	21.2	2.0	195	36	1.0	0.2	2	10.0	-	-	50	<	8.6	2.90	19	6.1
41I	873365	174	67	48	58	13	<	316	4.0	<	2.65	195	32.8	2.3	195	38	1.7	0.4	1	10.0	-	-	50	<	6.0	1.90	10	6.0
41I	873366	117	40	23	47	13	<	251	1.0	<	2.83	100	19.2	2.2	255	30	0.8	0.2	1	10.0	-	-	70	<	5.6	1.90	11	6.0
41I	873368	85	27	19	47	18	<	370	1.0	<	3.66	95	13.0	2.0	250	38	0.2	0.2	1	10.0	-	-	60	<	6.4	2.40	17	6.0
41I	873369	188	29	20	48	21	<	562	5.0	<	3.52	95	11.4	2.3	300	34	1.2	0.2	<	10.0	-	-	50	<	7.4	2.00	13	6.1
41I	873370	73	31	9	38	5	<	59	1.0	<	0.38	135	58.4	1.5	70	13	0.7	0.2	<	10.0	-	-	60	<	1.6	0.68	<	4.0
41I	873371	48	28	11	32	6	<	66	1.0	<	0.91	150	28.8	4.0	115	15	0.5	0.2	4	10.0	-	-	80	<	1.8	0.64	<	4.1
41I	873372	184	61	26	49	16	<	447	6.0	<	2.83	220	35.4	2.6	85	37	1.2	0.3	<	10.0	-	-	70	<	4.0	1.20	6	5.7
41I	873373	200	45	11	46	15	<	232	1.0	<	1.67	155	36.0	4.5	110	23	1.1	0.2	3	10.0	-	-	50	<	3.2	1.00	1	5.4
41I	873374	147	49	77	29	8	0.2	210	1.0	<	1.10	260	40.6	20.5	90	33	1.4	0.2	1	10.0	-	-	90	0.16	3.6	1.00	2	5.5
41I	873375	140	48	24	33	13	<	308	3.0	<	1.41	225	40.4	6.1	100	38	1.2	0.2	<	10.0	-	-	60	<	6.2	1.90	13	6.1
41I	873376	208	85	27	40	20	0.2	294	10.0	<	2.53	260	45.4	13.2	85	55	1.6	0.4	<	10.0	-	-	50	<	5.4	1.60	10	6.0
41I	873377	107	29	22	33	9	<	279	2.0	<	2.53	65	7.6	2.2	205	22	0.5	0.2	3	10.0	5	10.0	40	<	7.4	2.00	13	6.1
41I	873378	121	27	6	25	7	0.2	70	<	<	0.40	95	65.8	1.0	65	14	0.8	<	<	10.0	-	-	50	<	3.8	1.20	3	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873379	17	574641	5168851	MPS	04	1-5	6	-	Lw	Ca	GyBr	-
41I	873380	17	573056	5166266	MPS	04	pond	6	-	Md	-	Br	-
41I	873382	17	572363	5159371	MPS	04	pond	1	10	Lw	-	Br	-
41I	873383	17	572363	5159371	MPS	04	pond	1	20	Lw	-	Br	-
41I	873384	17	574932	5149862	MPS	04	1-5	3	-	Md	Ca	Br	-
41I	873385	17	570861	5147252	MPS	04	.25-1	4	-	Lw	Ca	Br	-
41I	873386	17	572686	5147295	MPS	04	1-5	3	-	Md	-	GyBr	-
41I	873387	17	575991	5146845	MPS	04	1-5	2	-	Lw	Ca	GyBr	-
41I	873388	17	575206	5144344	MPS	04	1-5	3	-	Lw	Ca	Br	-
41I	873389	17	573468	5143143	MPS	04	.25-1	4	-	Lw	Ca	GyBr	-
41I	873390	17	573599	5130436	MPGF	04	>5	2	-	Lw	-	GyBr	-
41I	873391	17	575790	5128750	MPGF	04	>5	1	-	Lw	-	Gy	-
41I	873392	17	566743	5127061	MPGF	04	>5	1	-	Lw	-	Gy	-
41I	873393	17	564166	5125159	MPS	04	>5	2	-	Lw	-	Gy	-
41I	873395	17	558237	5121914	MPGF	04	>5	1	-	Lw	-	Gy	-
41I	873396	17	555652	5120794	MPGF	04	>5	2	-	Lw	-	GyBr	-
41I	873397	17	552162	5125416	MPS	04	>5	5	-	Lw	-	Gy	-
41I	873398	17	549652	5121765	MPS	04	>5	11	-	Lw	-	Gy	-
41I	873399	17	547245	5120018	MPS	04	.25-1	7	-	Lw	-	Br	-
41I	873400	17	546429	5116855	MPS	04	1-5	8	-	Lw	-	Br	-
41I	873402	17	542579	5117116	MPS	04	.25-1	4	10	Md	-	Br	-
41I	873403	17	542579	5117116	MPS	04	.25-1	4	20	Md	-	Br	-
41I	873404	17	540737	5116156	MPS	04	.25-1	6	-	Md	-	Br	-
41I	873405	17	540586	5118006	MPS	04	.25-1	6	-	Md	-	Br	-
41I	873406	17	539033	5118188	MPS	04	.25-1	4	-	Md	-	Br	-
41I	873407	17	535910	5122927	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873408	17	534943	5122975	MPGF	04	.25-1	12	-	Lw	-	Br	-
41I	873410	17	534715	5120886	MPS	04	.25-1	21	-	Md	-	BrBk	-
41I	873411	17	532379	5122440	MPS	04	.25-1	8	-	Md	-	GyBr	-
41I	873412	17	531420	5119543	MPS	04	>5	16	-	Lw	-	GyBr	-
41I	873413	17	529028	5120957	MPS	04	.25-1	10	-	Lw	-	BrBk	-
41I	873414	17	529355	5124128	MPS	04	.25-1	16	-	Md	-	BrBk	-
41I	873415	17	526042	5124108	MPS	04	.25-1	7	-	Md	-	Br	-
41I	873416	17	524400	5124925	MPS	04	.25-1	6	-	Lw	-	Br	-
41I	873417	17	527821	5127649	MPS	04	.25-1	15	-	Md	-	BrBk	-
41I	873418	17	524747	5128649	MPS	04	>5	6	-	Md	-	Br	-
41I	873419	17	526067	5132351	MPS	04	>5	10	-	Md	-	GyBr	-
41I	873420	17	524382	5130904	MPS	04	>5	7	-	Md	-	Gy	-
41I	873422	17	522178	5127174	MPS	04	.25-1	16	-	Md	-	Br	-
41I	873423	17	519708	5128847	MPS	04	.25-1	6	10	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873379	151	33	20	42	18	<	1035	4.0	<	4.08	120	13.0	2.2	200	43	0.7	0.2	3	10.0	-	-	50	<	6.8	2.00	14	6.1
41I	873380	88	37	8	25	5	<	67	<	<	0.38	290	59.4	0.9	80	16	0.8	0.2	<	10.0	-	-	60	<	3.2	1.00	1	5.2
41I	873382	75	24	11	30	11	<	183	<	<	2.03	105	16.6	1.9	195	26	0.7	0.2	2	10.0	-	-	70	<	5.8	1.40	9	5.9
41I	873383	94	26	14	34	13	<	197	1.0	<	2.18	100	16.6	1.8	155	27	0.8	0.2	1	10.0	-	-	60	<	5.4	1.40	9	5.9
41I	873384	148	59	13	38	6	<	101	1.0	<	0.77	130	54.0	2.8	90	22	0.9	0.2	<	10.0	-	-	50	<	6.6	1.80	14	6.0
41I	873385	152	38	20	33	9	<	233	1.0	<	1.43	220	39.6	1.5	100	25	1.0	0.2	<	10.0	-	-	40	<	4.2	1.20	4	5.8
41I	873386	197	57	18	43	14	<	402	1.0	2	1.97	130	44.4	2.3	110	38	1.4	0.2	2	10.0	-	-	40	<	6.4	1.90	14	6.1
41I	873387	75	22	22	31	11	<	519	1.0	<	2.60	40	6.6	1.9	195	28	0.6	0.2	<	10.0	1	10.0	40	<	4.4	1.20	7	5.9
41I	873388	174	47	24	38	12	<	286	3.0	<	1.51	190	35.8	2.1	125	27	1.7	0.3	1	10.0	-	-	40	<	4.4	1.30	9	6.0
41I	873389	150	47	22	37	11	<	208	2.0	<	1.47	190	40.2	1.7	135	27	1.2	0.2	2	10.0	-	-	40	<	4.6	1.50	6	5.8
41I	873390	82	24	16	38	12	<	226	2.0	<	2.88	60	8.8	2.2	225	30	0.3	0.2	2	10.0	3	10.0	40	<	11.4	4.20	34	6.3
41I	873391	69	22	18	34	8	<	201	2.0	<	2.35	95	5.4	1.9	215	25	0.4	0.2	2	10.0	2	10.0	50	<	9.4	1.20	24	6.2
41I	873392	44	21	10	27	8	<	145	1.0	<	2.34	60	5.4	2.0	225	29	0.2	<	1	10.0	4	10.0	40	<	8.4	2.50	21	6.1
41I	873393	51	23	10	33	11	<	317	2.0	<	2.37	60	2.8	1.8	310	38	<	0.2	<	10.0	3	10.0	40	<	8.2	2.80	22	6.1
41I	873395	38	18	8	22	7	<	203	1.0	<	1.57	35	2.2	1.6	240	26	<	0.2	<	10.0	4	10.0	50	<	7.6	2.70	20	6.1
41I	873396	139	32	15	41	13	<	259	2.0	<	3.11	100	11.0	2.2	240	33	0.9	0.2	<	10.0	-	-	50	<	7.4	2.60	20	6.1
41I	873397	71	15	11	29	7	<	239	2.0	<	2.02	90	5.4	1.5	230	19	0.3	0.2	4	10.0	3	10.0	50	<	8.2	3.10	22	6.2
41I	873398	186	38	26	52	19	<	539	3.0	<	3.86	160	14.4	2.2	220	42	1.1	0.2	2	10.0	-	-	50	<	7.8	2.90	22	6.2
41I	873399	163	53	20	43	8	<	128	1.0	<	1.39	220	47.8	3.2	140	25	1.4	0.2	<	10.0	-	-	50	<	4.8	2.20	13	6.0
41I	873400	204	48	24	44	11	<	317	2.0	<	2.98	220	36.6	3.3	160	50	1.5	0.2	2	10.0	-	-	40	<	4.4	1.90	13	6.0
41I	873402	125	29	6	25	8	0.3	118	<	<	0.95	155	52.9	2.3	135	18	1.1	<	<	10.0	-	-	60	<	3.8	1.60	9	5.9
41I	873403	140	29	7	26	7	0.5	124	<	<	0.94	155	53.0	1.6	150	19	1.2	<	<	10.0	-	-	60	<	4.2	1.50	10	5.9
41I	873404	136	51	36	50	8	1.0	187	3.0	<	1.20	220	46.6	1.2	145	23	1.3	<	4	10.0	-	-	50	<	4.2	1.50	9	5.9
41I	873405	140	31	11	25	6	0.4	81	<	<	0.70	180	64.0	1.5	130	20	1.5	<	<	10.0	-	-	50	<	3.6	1.20	7	5.8
41I	873406	136	36	13	33	5	0.5	86	1.0	<	0.85	185	53.6	1.3	120	18	1.4	<	<	10.0	-	-	50	<	3.4	1.20	7	5.8
41I	873407	126	33	7	30	4	<	66	1.0	<	0.50	125	56.0	1.3	130	23	0.7	<	1	10.0	-	-	50	<	2.2	0.92	2	5.5
41I	873408	146	65	42	62	11	0.8	181	5.0	<	1.41	195	46.2	1.0	140	35	1.3	0.4	3	10.0	-	-	50	<	3.8	1.20	6	5.8
41I	873410	134	66	36	56	18	0.6	183	5.0	<	3.06	255	48.6	1.7	130	66	0.8	<	4	10.0	3	7.50	50	<	3.6	1.30	6	5.9
41I	873411	121	34	11	33	7	<	135	2.0	<	0.96	85	36.0	1.7	150	22	0.5	<	2	10.0	-	-	60	<	2.4	0.80	1	5.4
41I	873412	136	50	29	49	12	<	267	4.0	<	2.80	190	31.4	2.2	200	61	0.7	<	2	10.0	-	-	50	<	4.0	1.50	7	5.9
41I	873413	112	51	21	56	8	0.6	250	2.0	<	1.30	125	36.4	1.5	175	27	0.9	0.4	1	10.0	-	-	50	<	2.2	0.88	3	5.7
41I	873414	126	58	24	43	8	0.2	206	3.0	<	1.20	220	44.6	1.3	150	47	0.9	<	<	10.0	-	-	60	<	3.0	1.20	4	5.9
41I	873415	152	85	36	87	9	0.2	120	3.0	<	1.74	195	49.4	1.4	115	33	1.0	<	2	10.0	-	-	50	<	3.0	1.30	4	5.7
41I	873416	98	71	18	75	5	0.5	86	2.0	<	0.91	245	48.2	1.0	140	18	0.8	0.4	<	10.0	-	-	50	<	2.6	1.20	4	5.7
41I	873417	156	106	53	131	19	0.4	241	10.0	<	3.57	220	20.8	1.7	220	53	1.3	<	2	10.0	-	-	50	<	3.6	1.70	6	5.8
41I	873418	154	86	23	105	13	0.2	246	3.0	<	2.46	245	29.0	2.0	195	41	0.8	<	1	10.0	-	-	50	<	5.4	2.20	11	6.0
41I	873419	223	77	27	118	21	0.3	599	5.0	<	3.98	245	19.0	2.3	230	54	0.6	<	<	10.0	-	-	50	<	5.4	2.20	11	6.0
41I	873420	225	90	30	152	23	<	723	5.0	<	4.11	285	17.2	2.1	245	56	1.1	<	<	10.0	-	-	50	<	5.2	2.10	11	6.0
41I	873422	110	89	28	74	7	<	161	5.0	<	1.43	345	49.6	1.6	125	43	1.0	<	<	10.0	-	-	60	<	5.2	2.30	12	6.0
41I	873423	87	67	13	69	10	<	164	6.0	<	2.07	180	24.6	5.9	125	41	0.4	<	<	10.0	-	-	50	<	12.8	4.60	36	6.4

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873424	17	519708	5128847	MPS	04	.25-1	6	20	Md	-	Br	-
41I	873425	17	518531	5130960	MPS	04	.25-1	2	-	Lw	-	Gy	-
41I	873426	17	516080	5131890	MPS	04	.25-1	3	-	-	-	GyBk	-
41I	873427	17	517958	5135089	MPS	04	.25-1	2	-	Hi	-	Gy	-
41I	873428	17	504519	5135178	MPS	04	1-5	22	-	Md	-	Br	Lgt
41I	873429	17	501797	5133720	MPGF	04	.25-1	1	-	Md	-	Br	-
41I	873430	17	499138	5134662	MPC	04	1-5	4	-	Md	-	Br	-
41I	873431	17	494400	5133588	MPND	04	1-5	12	-	Md	-	GyBr	-
41I	873432	17	481828	5148254	MPSG	04	pond	5	-	Lw	-	Br	-
41I	873433	17	482911	5151174	MPWG	04	.25-1	4	-	Md	-	BrBk	-
41I	873434	17	490369	5166249	MPWG	04	pond	1	-	Lw	-	Br	-
41I	873436	17	497144	5172909	MPWG	04	.25-1	18	-	Md	-	BrBk	-
41I	873437	17	496630	5172316	MPWG	04	pond	4	-	Md	-	Br	-
41I	873438	17	498285	5176578	MPSG	04	1-5	8	-	Md	-	GyBr	-
41I	873439	17	497798	5178807	ACSP	02	.25-1	8	-	Md	-	Br	-
41I	873440	17	495825	5182582	ACSP	02	1-5	15	-	Md	-	Gy	-
41I	873442	17	495520	5187262	ACSP	02	1-5		10	Md	-	Br	-
41I	873443	17	495520	5187262	ACSP	02	1-5	11	20	Md	-	Br	-
41I	873444	17	493085	5187768	ACSP	02	1-5	25	-	Md	Ca	BrBk	-
41I	873445	17	494156	5192137	MPC	04	.25-1	07	-	Lw	Wo	BrBk	-
41I	873446	17	495113	5196551	AMVB	02	pond	2	-	Md	-	Br	-
41I	873447	17	493694	5198427	MPC	04	.25-1	9	-	Md	-	Gn	-
41I	873448	17	492070	5198716	AMVB	02	.25-1	3	-	Md	Wo	Br	-
41I	873450	17	493160	5201050	MPHL	04	.25-1	3	-	Md	-	Br	-
41I	873451	17	491348	5201004	MPHL	04	1-5	4	-	Md	-	Gy	-
41I	873452	17	489581	5201643	ACSP	02	.25-1	7	-	Md	-	GnBr	-
41I	873453	17	491889	5204374	MPC	04	.25-1	4	-	Md	-	Br	-
41I	873454	17	488406	5204406	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873455	17	484558	5204093	MPND	04	.25-1	3	-	Md	-	Br	-
41I	873456	17	486195	5199159	ACSP	02	1-5	15	-	Md	-	Br	Lgt
41I	873457	17	486923	5196095	AMVB	02	1-5	4	-	Md	-	Br	-
41I	873458	17	490701	5195754	MPND	04	pond	14	-	Md	-	Br	-
41I	873459	17	489651	5192249	ACSP	02	1-5	7	-	Md	Ca	Br	-
41I	873460	17	487401	5190288	ACSP	02	1-5	9	-	Md	-	Br	-
41I	873462	17	491094	5188950	ACSP	02	pond	4	10	Md	-	Br	-
41I	873463	17	491094	5188950	ACSP	02	pond	4	20	##	-	Br	-
41I	873464	17	488156	5186137	ACSP	02	pond	3	-	Lw	Wo	Br	-
41I	873465	17	492422	5184959	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873466	17	490046	5182986	ACSP	02	.25-1	13	-	Md	-	BrBk	-
41I	873467	17	494808	5181174	ACSP	02	.25-1	7	-	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873424	79	39	9	38	10	<	165	5.0	<	1.98	130	24.0	5.3	160	46	0.2	<	1	10.0	-	-	50	0.06	12.4	4.40	36	6.4
41I	873425	97	78	19	120	18	<	275	3.0	<	2.79	65	11.2	2.1	250	32	0.6	<	2	10.0	-	-	60	<	6.2	2.60	15	6.1
41I	873426	158	92	18	174	20	<	414	5.0	<	2.89	235	19.2	2.6	165	43	0.6	0.2	<	10.0	-	-	60	<	5.6	2.20	10	6.0
41I	873427	72	118	19	190	9	<	81	4.0	<	0.98	130	32.6	3.5	130	18	0.7	<	2	10.0	-	-	70	<	3.2	1.50	5	5.8
41I	873428	123	144	20	205	19	<	335	10.0	<	0.84	250	24.8	10.3	175	54	0.9	<	1	10.0	-	-	70	<	3.0	0.96	1	5.1
41I	873429	36	275	42	168	5	<	74	10.0	<	0.92	125	23.6	11.3	135	14	0.4	<	6	10.0	7	7.50	70	<	2.4	0.76	<	4.7
41I	873430	75	106	14	119	10	<	113	7.0	<	1.96	100	9.4	6.2	120	19	0.5	0.5	3	10.0	6	10.0	60	<	2.2	0.68	<	4.3
41I	873431	113	208	29	279	16	0.2	247	11.0	<	2.89	145	18.8	5.7	165	50	1.1	<	5	10.0	9	7.50	70	<	4.8	1.20	<	4.8
41I	873432	118	60	10	60	5	0.2	114	3.0	<	0.99	220	56.6	1.2	90	22	0.8	<	<	10.0	-	-	80	<	2.6	0.72	1	5.3
41I	873433	154	312	26	900	44	0.2	445	8.0	<	2.37	160	24.2	2.7	200	36	2.5	<	5	10.0	8	10.0	80	<	13.0	3.90	32	6.3
41I	873434	80	57	12	66	10	<	160	3.0	<	1.92	75	17.2	1.7	215	32	0.7	<	2	10.0	-	-	60	<	12.4	3.60	34	6.4
41I	873436	255	87	25	54	6	<	146	5.0	<	0.80	240	55.0	2.1	85	40	2.1	0.4	<	10.0	-	-	60	<	3.4	0.48	1	5.5
41I	873437	164	34	3	24	3	<	41	1.0	<	0.25	160	65.2	1.2	65	36	1.2	<	<	10.0	-	-	50	<	1.8	0.40	2	5.4
41I	873438	93	41	9	36	7	<	211	2.0	<	2.37	45	19.6	1.7	180	29	0.4	<	1	10.0	-	-	50	<	3.6	0.80	1	5.5
41I	873439	102	90	23	51	4	<	92	7.0	<	1.63	220	50.0	1.5	90	65	1.4	<	2	10.0	-	-	70	<	2.0	0.52	<	4.7
41I	873440	112	45	13	32	22	<	709	2.0	<	3.97	70	7.6	6.9	270	58	0.5	<	1	10.0	3	10.0	60	<	3.0	0.80	2	5.6
41I	873442	134	74	44	48	6	0.2	169	9.0	<	2.00	200	35.0	5.7	110	47	1.2	<	6	10.0	4	5.00	70	<	3.0	0.80	2	5.5
41I	873443	109	46	22	25	6	<	163	3.0	<	1.64	170	35.0	5.3	75	42	0.9	<	1	10.0	3	7.50	60	<	3.6	0.84	2	5.5
41I	873444	206	50	26	26	24	<	5400	5.0	4	7.02	210	33.8	9.7	130	87	1.5	<	1	10.0	-	-	60	<	2.8	0.84	1	5.4
41I	873445	140	50	23	38	15	<	375	5.0	<	2.67	165	30.2	4.0	90	49	1.1	<	2	10.0	-	-	50	<	4.6	1.40	9	5.9
41I	873446	93	34	8	24	6	<	159	<	<	0.59	115	36.8	3.0	80	19	0.5	<	2	10.0	-	-	50	<	3.4	1.00	1	5.2
41I	873447	165	86	35	46	13	<	188	5.0	2	2.04	170	52.8	5.1	95	32	1.6	<	4	10.0	4	10.0	50	<	2.8	0.80	2	5.5
41I	873448	139	44	26	39	20	<	230	4.0	<	1.66	170	34.0	5.1	100	37	2.0	<	2	10.0	-	-	60	<	3.0	1.00	4	5.7
41I	873450	183	58	16	37	13	<	436	7.0	<	1.75	175	32.2	3.3	135	34	1.5	<	2	10.0	-	-	60	<	8.4	2.00	19	6.2
41I	873451	193	25	18	35	24	<	184	2.0	<	2.28	70	9.6	3.7	155	27	0.8	<	1	10.0	1	10.0	50	<	2.8	0.80	1	5.4
41I	873452	138	51	28	27	10	0.2	123	2.0	<	1.36	190	41.8	3.3	130	25	1.1	<	1	10.0	-	-	70	<	2.4	0.72	<	4.9
41I	873453	70	44	8	18	4	<	99	1.0	<	0.81	165	43.0	1.9	65	30	0.4	<	<	10.0	-	-	60	<	3.0	1.00	2	5.4
41I	873454	127	39	22	30	4	<	59	2.0	<	0.77	170	32.2	4.1	105	16	1.1	<	2	10.0	-	-	50	<	3.4	0.84	1	5.3
41I	873455	74	22	15	22	5	<	84	2.0	<	1.21	125	18.2	2.3	130	24	0.6	<	2	10.0	-	-	60	<	3.0	0.84	2	5.5
41I	873456	97	47	36	28	8	<	175	3.0	<	1.26	245	39.6	4.1	120	46	1.0	<	2	10.0	-	-	60	<	2.8	0.88	1	5.4
41I	873457	90	36	11	22	5	<	117	2.0	<	1.24	155	27.4	3.6	130	24	0.5	<	<	10.0	-	-	60	<	3.0	0.88	2	5.5
41I	873458	79	40	4	10	2	<	76	<	2	0.91	295	58.4	10.6	70	21	0.4	<	<	10.0	-	-	60	<	2.0	0.60	<	4.3
41I	873459	89	39	18	25	6	<	168	2.0	<	1.27	225	34.2	3.7	115	34	0.5	<	3	10.0	-	-	50	<	2.8	0.84	1	5.3
41I	873460	100	45	25	31	10	<	230	3.0	<	2.04	205	29.4	5.5	155	43	0.8	<	2	10.0	-	-	60	<	3.2	0.88	3	5.6
41I	873462	134	28	3	6	<	<	88	<	3	0.52	165	54.8	3.9	45	13	0.8	<	1	10.0	-	-	110	<	2.2	0.60	<	4.7
41I	873463	118	30	4	7	<	<	86	<	4	0.61	160	54.8	3.8	60	13	0.9	<	<	10.0	-	-	100	<	2.2	0.60	<	4.7
41I	873464	87	37	15	36	4	<	50	3.0	<	0.59	135	42.6	5.1	85	13	0.6	<	2	10.0	-	-	100	<	1.8	0.50	<	4.4
41I	873465	108	47	7	26	7	<	39	1.0	<	0.60	135	52.2	8.0	65	19	0.7	<	2	10.0	-	-	80	<	2.2	0.60	1	4.9
41I	873466	85	39	20	25	7	<	169	4.0	<	1.33	160	39.6	4.7	115	40	0.5	<	4	10.0	-	-	90	<	1.8	0.60	<	5.0
41I	873467	113	45	20	41	11	<	205	2.0	<	2.64	165	23.0	6.0	170	52	0.7	<	<	10.0	-	-	100	0.09	3.6	0.96	4	5.8

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873468	17	492768	5178581	ACSP	02	pond	5	-	Md	-	Br	-
41I	873469	17	490561	5179727	ACSP	02	pond	3	-	Md	-	Br	-
41I	873470	17	488847	5179209	ACSP	02	.25-1	10	-	Md	-	Br	-
41I	873471	17	488303	5176825	MPSN	04	.25-1	4	-	Md	-	Br	-
41I	873472	17	490053	5175715	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	873473	17	492753	5174285	MPSG	04	1-5	20	-	Md	Ca	Br	-
41I	873474	17	494547	5172469	MPWG	04	.25-1	2	-	Md	-	Br	-
41I	873475	17	489682	5170767	MPWG	04	pond	2	-	Md	-	Br	-
41I	873476	17	491790	5169286	MPWG	04	pond	1	-	Lw	-	Br	-
41I	873478	17	479822	5152531	MPWG	04	pond	2	-	Lw	-	Br	-
41I	873479	17	479470	5149566	MPWG	04	1-5	3	-	Md	-	GyBr	-
41I	873480	17	487906	5136414	MPHL	04	.25-1	2	-	Md	-	Br	-
41I	873482	17	490197	5132089	MPND	04	>5	10	-	Md	-	GyBr	-
41I	873483	17	494723	5132180	MPGF	04	.25-1	17	-	Lw	-	BrBk	-
41I	873484	17	504621	5133042	MPS	04	1-5	16	-	Md	-	GyBr	-
41I	873485	17	505857	5131464	MPS	04	1-5	6	10	Lw	-	GyBr	-
41I	873486	17	505857	5131452	MPS	04	1-5	6	20	Lw	-	GyBr	-
41I	873488	17	509371	5128338	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873489	17	521004	5125495	MPS	04	.25-1	8	-	Md	-	Br	-
41I	873490	17	522305	5124516	MPS	04	.25-1	8	-	Md	-	Br	-
41I	873491	17	523673	5122310	MPS	04	.25-1	5	-	Md	-	Br	-
41I	873492	17	525281	5120399	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873493	17	529552	5119334	MPS	04	>5	26	-	Lw	-	Br	-
41I	873494	17	534442	5119395	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873495	17	538061	5116028	MPS	04	.25-1	10	-	Md	-	Br	-
41I	873496	17	544573	5114680	MPS	04	.25-1	7	-	Lw	-	Br	-
41I	873497	17	549793	5116876	MPS	04	>5	4	-	Md	-	GyBr	-
41I	873498	17	551136	5119471	MPS	04	>5	6	-	Lw	-	Gy	-
41I	873499	17	554106	5118858	MPS	04	>5	5	-	Lw	-	Gy	-
41I	873500	17	557631	5118009	MPGF	04	>5	4	-	Lw	-	Gy	-
41I	873502	17	560101	5119038	MPGF	04	>5	3	10	Lw	-	Gy	-
41I	873503	17	560101	5119038	MPGF	04	>5	3	20	Lw	-	Gy	-
41I	873504	17	561823	5121937	MPGF	04	>5	2	-	Lw	-	Gy	-
41I	873505	17	567417	5124352	MPS	04	>5	4	-	Lw	-	Gy	-
41I	873506	17	568858	5123876	MPS	04	>5	3	-	Lw	-	Gy	-
41I	873507	17	571025	5122040	MPGF	04	>5	3	-	Lw	-	Gy	-
41I	873508	17	574609	5120957	MPGF	04	>5	3	-	Lw	-	Br	-
41I	873509	17	576505	5118208	MPGF	04	1-5	3	-	Lw	-	Br	-
41I	873510	17	576880	5115515	MPS	04	.25-1	10	-	Lw	-	Br	-
41I	873511	17	575699	5111840	MPGF	04	>5	8	-	Lw	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873468	77	28	8	24	3	<	55	3.0	<	0.71	150	43.4	1.5	105	13	0.5	<	1	10.0	-	-	100	<	2.0	0.52	<	4.1
41I	873469	87	60	31	58	13	0.2	167	5.0	<	1.64	125	25.8	4.7	165	21	0.8	0.2	2	10.0	-	-	100	<	3.2	0.92	3	5.6
41I	873470	79	28	11	26	3	<	52	2.0	<	0.89	195	45.6	1.3	65	12	<	0.2	2	10.0	-	-	100	<	1.8	0.48	<	4.3
41I	873471	105	55	14	49	5	<	57	3.0	<	0.76	130	44.6	1.3	95	16	0.2	0.2	2	10.0	-	-	100	<	1.4	0.40	<	4.2
41I	873472	136	103	15	105	13	0.2	222	2.0	<	1.58	135	31.0	2.6	160	23	0.4	0.2	2	10.0	-	-	90	<	2.6	0.80	2	5.5
41I	873473	203	71	22	51	17	0.2	1160	7.0	6	6.55	105	33.2	3.9	155	38	1.0	0.2	1	10.0	-	-	80	<	3.8	0.88	2	5.6
41I	873474	81	73	6	29	5	<	64	1.0	<	0.57	95	30.2	1.8	70	13	0.4	<	2	10.0	-	-	80	<	3.8	0.80	3	5.7
41I	873475	160	61	7	51	7	0.2	83	2.0	<	0.58	135	52.2	2.5	110	23	0.7	<	6	10.0	-	-	60	<	3.0	0.52	<	4.6
41I	873476	59	39	10	49	5	<	109	2.0	<	1.12	35	13.8	0.9	110	13	0.3	<	2	10.0	-	-	60	<	4.6	1.20	8	5.8
41I	873478	104	84	19	98	6	0.4	178	3.0	<	1.38	135	26.8	2.1	185	21	1.8	0.2	3	10.0	-	-	60	<	7.0	1.50	14	5.9
41I	873479	152	106	20	448	22	0.4	569	8.0	<	3.61	140	14.4	2.2	185	40	1.1	0.3	5	10.0	4	10.0	70	<	10.0	3.00	24	6.2
41I	873480	100	58	4	54	8	<	157	1.0	<	1.13	65	37.8	2.5	105	20	0.4	0.2	1	10.0	-	-	60	<	7.0	2.30	11	6.0
41I	873482	89	91	11	159	15	<	519	6.0	<	2.52	65	5.0	1.9	90	19	0.5	0.2	3	10.0	5	10.0	60	<	8.8	2.60	12	6.1
41I	873483	136	129	24	121	10	0.2	294	7.0	<	1.68	155	40.2	10.2	130	34	1.0	0.2	<	10.0	-	-	50	<	2.2	0.60	<	4.1
41I	873484	124	322	49	379	20	0.5	253	20.0	<	3.39	170	19.6	4.1	145	42	0.9	0.5	5	10.0	9	7.50	50	<	3.2	1.20	1	5.3
41I	873485	88	75	10	98	13	<	226	4.0	<	2.32	95	11.6	3.1	165	23	0.2	0.2	2	10.0	-	-	50	<	3.2	1.20	2	5.6
41I	873486	87	62	8	82	12	<	200	4.0	<	2.17	65	10.2	2.8	170	19	0.2	0.2	2	10.0	-	-	50	<	3.2	1.20	2	5.6
41I	873488	97	64	8	75	6	<	103	2.0	<	1.20	155	44.0	1.9	130	17	0.7	0.2	<	10.0	-	-	40	<	2.2	1.10	4	5.5
41I	873489	117	58	11	47	8	<	204	2.0	<	1.80	140	41.6	2.1	145	37	0.9	0.2	<	10.0	-	-	30	<	4.4	1.80	10	6.0
41I	873490	116	93	24	74	7	0.3	166	5.0	<	1.26	200	43.6	1.3	115	33	1.1	0.2	2	10.0	-	-	30	<	3.6	1.60	6	5.9
41I	873491	104	46	10	44	4	<	77	2.0	<	1.00	205	54.2	1.0	90	13	1.0	0.2	<	10.0	-	-	30	<	3.0	1.30	4	5.6
41I	873492	295	42	2	15	2	<	98	<	<	0.82	100	72.8	0.6	60	19	1.6	<	<	10.0	-	-	30	<	1.2	0.56	1	4.9
41I	873493	240	54	25	65	24	<	3680	6.0	<	6.07	165	26.0	2.1	125	60	1.8	0.3	<	10.0	-	-	30	<	3.8	1.40	7	5.9
41I	873494	138	46	4	17	6	<	160	<	<	1.28	205	62.8	0.9	70	18	1.1	<	2	10.0	-	-	30	<	2.6	1.00	6	6.0
41I	873495	176	57	23	45	9	<	205	3.0	<	1.61	195	50.0	0.9	100	18	2.0	0.3	<	10.0	-	-	40	<	5.2	1.60	11	6.0
41I	873496	128	44	9	23	5	<	197	1.0	<	1.43	175	49.8	1.6	125	30	0.7	0.2	<	10.0	-	-	50	<	7.0	2.70	20	6.2
41I	873497	80	19	8	24	9	<	316	2.0	<	2.28	65	7.2	2.1	235	21	0.4	0.2	1	10.0	1	10.0	50	<	8.0	2.90	22	6.2
41I	873498	79	12	6	20	12	<	259	2.0	<	1.83	60	3.8	1.5	215	17	0.2	0.2	<	10.0	1	10.0	50	<	8.2	3.00	21	6.2
41I	873499	248	42	39	63	18	<	596	4.0	<	4.34	200	14.6	2.4	230	40	1.5	0.3	2	10.0	-	-	50	<	7.6	2.60	21	6.2
41I	873500	154	24	22	46	15	<	528	2.0	<	3.51	130	8.0	1.9	210	31	0.9	0.2	<	10.0	<	10.0	50	<	7.6	2.60	20	6.2
41I	873502	128	20	13	41	13	<	331	3.0	<	3.20	90	7.0	2.0	215	34	0.5	0.2	<	10.0	1	5.00	50	<	7.8	2.50	20	6.2
41I	873503	137	23	17	46	13	<	355	3.0	<	3.10	105	8.2	2.3	235	29	0.7	0.2	3	10.0	4	10.0	40	<	7.6	2.60	21	6.2
41I	873504	71	26	10	32	11	<	320	3.0	<	2.76	40	6.2	2.5	325	25	0.3	0.2	<	10.0	31	10.0	40	<	7.6	2.60	20	6.2
41I	873505	84	25	10	39	13	<	330	3.0	<	3.15	65	6.4	2.6	265	37	0.3	0.2	<	10.0	3	10.0	40	<	8.2	2.30	20	6.2
41I	873506	86	26	11	34	11	<	231	3.0	<	3.05	65	6.0	1.9	240	32	0.4	0.2	1	10.0	2	10.0	40	<	8.6	2.50	20	6.2
41I	873507	43	9	8	18	5	<	131	2.0	<	1.19	60	1.8	1.4	205	13	0.3	<	<	10.0	2	10.0	40	<	8.2	2.40	20	6.2
41I	873508	52	14	7	22	8	<	225	2.0	<	1.73	55	1.8	1.6	255	22	<	0.2	<	10.0	1	10.0	40	<	8.2	2.40	20	6.2
41I	873509	204	31	23	32	11	<	593	4.0	<	3.02	135	40.6	2.3	110	32	1.4	0.2	<	10.0	-	-	50	<	5.0	1.40	14	6.1
41I	873510	174	26	22	24	11	<	519	3.0	<	2.82	165	44.6	1.7	170	52	0.9	0.3	<	10.0	-	-	50	<	4.4	1.20	11	6.1
41I	873511	147	34	19	44	17	0.3	676	3.0	<	4.55	130	11.6	2.8	285	51	0.7	0.3	<	10.0	-	-	50	<	8.0	2.40	20	6.2

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873512	17	574001	5112567	MPGF	04	.25-1	7	-	Lw	-	Br	-
41I	873514	17	573128	5114810	MPGF	04	.25-1	3	-	Lw	-	Br	-
41I	873515	17	573226	5118558	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873516	17	569595	5120595	MPGF	04	>5	3	-	Lw	-	Gy	-
41I	873517	17	568965	5116569	MPGF	04	1-5	4	-	Lw	-	Br	-
41I	873518	17	570789	5115321	MPGF	04	1-5	6	-	Lw	-	BrBk	-
41I	873519	17	569468	5112987	MPGF	04	>5	4	-	Md	-	GyBk	-
41I	873520	17	569657	5111214	MPGF	04	>5	6	-	Lw	-	Br	-
41I	873522	17	567759	5111501	MPGF	04	1-5	6	10	Lw	-	Br	-
41I	873523	17	567759	5111501	MPGF	04	1-5	6	20	Lw	-	Br	-
41I	873524	17	565063	5108733	MPS	04	###	6	-	Lw	-	Br	-
41I	873525	17	564528	5107385	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873526	17	562473	5105380	MPS	04	.25-1	11	-	Md	-	Br	-
41I	873527	17	560114	5105357	MPS	04	>5	6	-	Md	-	GyBr	-
41I	873528	17	563008	5101201	MPS	04	pond	4	-	Lw	-	Br	-
41I	873529	17	564188	5100169	MPS	04	.25-1	4	-	Md	-	Br	-
41I	873530	17	573523	5096884	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873532	17	559214	5100902	MPS	04	>5	4	-	Lw	-	Br	-
41I	873533	17	560177	5104092	MPS	04	pond	14	-	Lw	-	Br	-
41I	873534	17	565894	5102113	MPS	04	>5	2	-	Lw	-	GyBr	-
41I	873535	17	569228	5099888	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873536	17	571324	5098828	MPS	04	.25-1	3	-	Lw	-	Br	-
41I	873537	17	574927	5097108	MPGF	04	1-5	5	-	Lw	-	GyBr	-
41I	873538	17	575874	5099133	MPGF	04	1-5	16	-	Lw	-	Br	-
41I	873539	17	576018	5100114	MPGF	04	1-5	6	-	Lw	-	Br	-
41I	873540	17	570243	5100191	MPS	04	.25-1	1	-	Lw	-	Br	-
41I	873542	17	570142	5104152	MPS	04	.25-1	9	10	Md	-	Br	-
41I	873544	17	570142	5104152	MPS	04	.25-1	9	20	Md	-	Br	-
41I	873545	17	567535	5105520	MPS	04	.25-1	11	-	Lw	-	Br	-
41I	873546	17	568608	5106313	MPS	04	.25-1	9	-	Lw	-	BrBk	-
41I	873547	17	571300	5105506	MPS	04	.25-1	8	-	Md	-	Br	-
41I	873548	17	576833	5105510	MPS	04	.25-1	4	-	Lw	-	GyBr	-
41I	873549	17	575775	5107064	MPS	04	.25-1	13	-	Md	-	Br	-
41I	873550	17	573515	5107341	MPS	04	.25-1	11	-	Md	-	Br	-
41I	873551	17	570021	5109666	MPS	04	1-5	8	-	Md	-	Br	-
41I	873552	17	565434	5113208	MPGF	04	.25-1	5	-	Lw	-	Br	-
41I	873553	17	562724	5114631	MPGF	04	1-5	10	-	Lw	-	Br	-
41I	873554	17	565300	5115318	MPGF	04	.25-1	7	-	Lw	-	Br	-
41I	873555	17	560706	5115546	MPGF	04	.25-1	4	-	Lw	-	Br	-
41I	873556	17	559576	5114008	MPGF	04	-	5	-	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873512	224	27	3	18	7	<	404	<	<	1.91	160	57.2	1.5	135	29	0.8	<	<	10.0	-	-	60	<	4.2	1.50	12	6.0
41I	873514	117	25	7	19	5	<	134	1.0	<	1.29	170	56.0	2.0	125	24	1.0	0.2	3	10.0	-	-	60	<	3.4	1.20	8	6.0
41I	873515	152	27	7	15	3	<	132	1.0	<	0.97	225	62.6	1.5	55	18	1.2	0.2	<	10.0	-	-	40	<	3.0	0.76	5	5.8
41I	873516	78	12	6	24	9	<	252	1.0	<	2.04	60	3.6	1.8	205	22	0.3	0.2	<	10.0	<	10.0	50	<	7.6	2.30	20	6.2
41I	873517	272	30	14	32	9	<	266	2.0	<	3.12	175	41.6	1.8	110	36	1.3	0.2	1	10.0	-	-	40	<	4.2	1.30	11	6.0
41I	873518	233	38	37	28	16	<	556	3.0	<	4.37	195	46.0	1.5	135	47	0.8	0.6	2	10.0	-	-	40	<	4.8	1.40	13	6.0
41I	873519	207	41	27	50	15	<	604	3.0	<	3.82	170	19.0	3.0	220	37	1.0	0.3	1	10.0	-	-	40	<	7.8	2.30	19	6.2
41I	873520	186	55	25	40	9	<	186	2.0	<	2.38	165	33.4	2.2	170	32	1.2	0.3	<	10.0	-	-	50	<	7.6	2.20	18	6.3
41I	873522	137	24	10	19	7	<	148	1.0	<	1.99	75	44.4	1.7	90	15	1.2	0.2	<	10.0	-	-	50	<	2.0	0.40	1	5.4
41I	873523	153	26	10	21	7	<	168	1.0	<	2.02	95	43.4	2.2	125	17	1.2	0.2	<	10.0	-	-	40	<	1.8	0.40	1	5.3
41I	873524	178	37	30	28	7	<	349	3.0	<	2.04	170	36.8	2.2	115	35	1.6	0.3	1	10.0	-	-	50	<	8.0	2.30	19	6.2
41I	873525	157	28	17	26	5	<	145	1.0	<	1.49	230	40.6	1.6	120	24	1.1	0.2	<	10.0	-	-	50	<	5.0	1.70	12	6.1
41I	873526	129	35	11	25	12	<	401	1.0	<	2.86	175	31.4	2.0	160	58	0.5	0.2	<	10.0	-	-	40	<	4.6	1.60	11	6.0
41I	873527	148	33	15	39	11	<	305	1.0	<	3.13	135	17.2	2.3	225	37	0.9	0.2	2	10.0	-	-	40	<	8.0	2.50	21	6.2
41I	873528	108	31	<	15	5	<	97	<	<	0.67	95	68.4	1.9	65	16	0.7	<	<	10.0	-	-	50	<	2.0	0.60	2	5.5
41I	873529	158	33	14	23	5	<	121	1.0	<	1.34	255	44.2	1.5	130	23	1.2	0.2	<	10.0	-	-	50	<	4.2	1.40	9	5.9
41I	873530	150	28	7	19	4	<	112	1.0	<	0.92	125	30.8	1.5	105	16	0.9	0.2	<	10.0	-	-	40	<	3.0	0.96	4	5.7
41I	873532	193	33	5	13	5	<	129	2.0	<	1.01	165	60.4	1.9	85	22	1.3	<	<	10.0	-	-	50	<	3.2	1.20	6	5.9
41I	873533	122	41	5	16	10	<	194	<	<	2.14	135	47.8	3.2	130	33	0.5	<	1	10.0	-	-	50	0.06	5.0	1.60	11	6.0
41I	873534	90	17	9	23	10	<	232	1.0	<	2.08	65	6.0	1.6	195	19	0.6	0.2	2	10.0	<	10.0	50	<	7.0	2.00	17	6.1
41I	873535	177	31	13	36	13	<	209	1.0	<	2.32	185	37.2	2.1	140	30	1.3	0.2	1	10.0	-	-	40	<	3.2	1.00	5	5.8
41I	873536	101	29	3	14	2	<	82	<	<	0.66	225	55.6	1.6	110	14	0.9	0.2	<	10.0	-	-	120	<	2.0	0.68	2	5.4
41I	873537	132	28	18	27	5	<	163	2.0	<	1.90	85	20.6	1.7	225	22	0.5	0.2	2	10.0	-	-	50	<	3.0	0.88	3	5.7
41I	873538	100	31	15	21	3	<	165	2.0	<	1.61	205	45.2	1.5	145	29	0.4	0.2	<	10.0	-	-	50	<	3.2	0.88	3	5.7
41I	873539	192	27	25	30	11	<	447	2.0	<	2.36	245	29.0	1.5	175	33	1.1	0.3	1	10.0	-	-	50	<	2.6	0.88	5	5.8
41I	873540	99	20	25	19	4	<	136	1.0	<	1.17	105	28.6	2.3	180	16	0.6	0.2	2	10.0	-	-	50	<	1.8	0.68	2	5.3
41I	873542	158	24	6	16	5	<	97	1.0	<	0.70	65	45.6	1.7	120	17	0.6	0.2	<	10.0	-	-	40	<	2.2	0.64	2	5.6
41I	873544	194	21	8	15	4	<	91	1.0	<	0.63	75	49.2	1.4	115	15	0.9	0.2	1	10.0	-	-	50	<	2.2	0.76	2	5.6
41I	873545	158	41	12	15	9	<	409	1.0	<	1.91	140	46.0	2.9	105	27	0.8	0.2	<	10.0	-	-	50	<	2.2	0.72	4	5.8
41I	873546	150	36	10	15	5	<	214	1.0	<	1.00	130	53.4	1.3	85	23	1.2	0.2	<	10.0	-	-	40	0.06	7.0	1.92	17	6.1
41I	873547	137	39	<	12	2	<	82	1.0	<	0.93	105	66.8	2.1	70	23	0.6	<	2	10.0	-	-	50	<	2.4	1.20	3	5.7
41I	873548	93	16	14	17	6	<	219	1.0	<	1.42	75	16.8	1.8	180	16	1.1	0.2	<	10.0	-	-	50	<	4.2	0.96	7	5.8
41I	873549	144	39	6	14	3	<	198	1.0	<	0.99	120	63.2	6.0	75	22	1.0	0.2	<	10.0	-	-	40	<	2.0	0.44	2	5.4
41I	873550	148	47	5	17	7	<	361	2.0	3	2.42	125	49.0	3.3	95	55	0.2	0.2	<	10.0	-	-	50	<	13.2	4.80	45	6.4
41I	873551	150	44	19	35	10	0.2	367	2.0	<	3.18	110	26.0	2.9	245	45	0.8	0.2	3	10.0	-	-	40	<	8.4	2.30	20	6.2
41I	873552	174	25	4	18	6	<	147	<	<	0.83	120	60.6	2.0	145	17	0.7	<	<	10.0	-	-	40	<	5.2	1.90	15	6.1
41I	873553	242	38	29	47	11	<	273	2.0	<	2.15	200	39.0	2.3	195	22	1.4	0.2	2	10.0	-	-	40	<	5.4	1.60	15	6.1
41I	873554	192	39	39	30	7	0.2	150	3.0	<	1.42	170	55.0	1.2	110	22	1.5	0.3	<	10.0	-	-	40	<	4.0	1.20	9	5.9
41I	873555	120	23	4	22	5	<	101	<	<	0.88	120	52.8	1.9	185	16	0.8	<	<	10.0	-	-	40	<	6.4	2.20	20	6.1
41I	873556	199	26	13	36	11	<	249	1.0	<	2.02	175	34.2	2.8	255	25	1.3	0.2	1	10.0	-	-	40	<	5.0	1.90	14	6.0

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873557	17	547532	5115848	MPGF	04	1-5	10	-	Lw	-	GyBr	-
41I	873558	17	548700	5112410	MPS	04	1-5	14	-	Lw	-	GyBr	-
41I	873559	17	546159	5112387	MPS	04	1-5	5	-	Md	-	GyBk	-
41I	873560	17	541593	5112291	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873562	17	539080	5114499	MPS	04	>5	5	-	Lw	-	Br	-
41I	873563	17	536343	5116100	MPGF	04	>5	5	-	Lw	-	Br	-
41I	873564	17	527028	5119309	LPGX	04	>5	7	-	Lw	-	Br	-
41I	873565	17	524980	5119232	MPS	04	>5	5	10	Md	-	GyBr	-
41I	873566	17	524980	5119232	MPS	04	>5	5	20	Md	-	GyBr	-
41I	873567	17	522624	5120945	LPGX	04	.25-1	3	-	Lw	-	Br	-
41I	873568	17	518032	5124366	MPS	04	1-5	6	-	Lw	-	Br	-
41I	873569	17	509268	5127109	MPS	04	.25-1	8	-	Md	-	Br	-
41I	873570	17	544721	5150034	MPS	04	1-5	6	-	Lw	-	Br	-
41I	873571	17	477250	5148075	MPSG	04	.25-1	3	-	Md	-	Br	-
41I	873572	17	479772	5165319	MPWG	04	.25-1	9	-	Lw	-	Br	-
41I	873573	17	478764	5165602	MPWG	04	pond	6	-	Md	-	Br	-
41I	873574	17	481194	5167759	MPWG	04	pond	7	-	Md	-	Br	-
41I	873575	17	483758	5170118	MPWG	04	.25-1	16	-	Md	-	Br	-
41I	873577	17	485150	5168726	MPWG	04	.25-1	8	-	Md	-	Br	-
41I	873578	17	486440	5170029	LPAD	04	.25-1	15	-	Md	-	Br	-
41I	873579	17	484732	5170954	MPSG	04	.25-1	9	-	Hi	-	Br	-
41I	873580	17	487048	5171835	MPSG	04	.25-1	5	-	Hi	-	BrBk	-
41I	873582	17	484617	5174215	LPAD	04	.25-1	4	10	Md	-	Br	-
41I	873583	17	484617	5174215	LPAD	04	.25-1	4	20	Md	-	Br	-
41I	873584	17	483999	5179344	ACSP	02	pond	7	-	Md	-	Br	-
41I	873585	17	484110	5182317	ACSP	02	pond	6	-	Md	-	Br	-
41I	873586	17	486765	5183487	ACSP	02	pond	6	-	Md	-	Br	-
41I	873587	17	483645	5186936	MPND	04	1-5	4	-	Lw	-	Br	-
41I	873588	17	485758	5188619	ACSP	02	.25-1	2	-	Lw	-	Br	-
41I	873589	17	483090	5190690	ACSP	02	1-5	5	-	Md	-	Br	-
41I	873590	17	486695	5194203	ACSP	02	pond	2	-	Lw	-	Br	-
41I	873591	17	484738	5194978	ACSP	02	1-5	4	-	Lw	-	Br	-
41I	873592	17	483740	5196932	ACSP	02	pond	1	-	Lw	-	Br	-
41I	873594	17	483969	5198245	AMVB	02	1-5	14	-	Md	-	Br	-
41I	873595	17	480971	5199119	AMVB	02	>5	4	-	Md	-	Gy	-
41I	873596	17	482724	5200380	AMVB	02	>5	5	-	Md	-	GyBr	-
41I	873597	17	480273	5201318	ACSP	02	>5	5	-	Md	-	GyBr	-
41I	873598	17	480686	5203971	ACSP	02	.25-1	5	-	Lw	-	Br	-
41I	873599	17	476926	5204216	ACSP	02	1-5	6	-	Md	-	Br	-
41I	873600	17	474475	5204391	ACSP	02	.25-1	3	-	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873557	151	34	23	39	13	<	409	2.0	<	2.76	120	17.8	2.4	220	37	0.9	0.2	1	10.0	-	-	40	<	10.2	3.40	31	6.3
41I	873558	125	33	30	37	11	0.2	392	3.0	<	2.95	70	10.2	1.7	315	34	0.8	0.3	7	10.0	3	10.0	40	<	10.2	3.50	31	6.3
41I	873559	127	34	10	42	15	<	718	3.0	<	4.53	30	12.8	3.2	145	48	0.4	0.2	4	10.0	3	10.0	40	0.07	6.2	2.04	15	6.1
41I	873560	187	57	37	65	9	<	184	3.0	<	1.52	180	51.6	1.2	275	18	2.2	0.4	2	10.0	-	-	40	<	3.6	1.50	7	5.8
41I	873562	134	47	19	34	8	<	194	2.0	<	2.06	165	30.0	1.9	195	38	0.7	0.2	4	10.0	1	5.00	60	<	4.2	1.40	7	5.9
41I	873563	188	45	13	53	13	<	265	3.0	<	2.54	115	33.4	2.6	250	35	0.6	0.2	2	10.0	-	-	50	<	4.2	1.40	7	5.9
41I	873564	142	73	15	65	14	<	389	5.0	8	3.00	100	20.2	4.8	260	34	0.7	0.4	7	10.0	3	10.0	40	<	3.8	1.40	7	5.9
41I	873565	200	58	10	60	15	<	235	3.0	2	2.82	120	21.4	3.4	270	34	0.8	0.2	3	10.0	-	-	50	<	4.2	1.40	7	5.9
41I	873566	181	56	14	65	14	<	298	3.0	<	2.93	115	21.2	3.3	150	38	0.6	0.2	1	10.0	-	-	50	<	4.0	1.40	7	5.9
41I	873567	109	82	25	85	7	<	116	5.0	<	1.37	220	43.0	0.9	190	23	1.2	0.3	5	10.0	-	-	50	<	3.6	1.40	2	5.6
41I	873568	153	99	29	120	13	0.2	269	4.0	<	2.53	340	31.4	2.1	170	31	1.3	0.3	4	10.0	1	10.0	50	<	7.4	2.90	18	6.1
41I	873569	92	42	9	54	12	<	290	3.0	<	3.11	60	13.2	2.1	165	31	<	0.2	2	10.0	-	-	50	<	3.4	1.30	1	5.4
41I	873570	166	45	19	55	13	<	307	2.0	<	2.52	205	29.8	2.1	105	34	0.8	0.4	4	10.0	2	5.00	50	<	6.6	2.20	11	6.0
41I	873571	166	88	35	85	9	0.6	137	5.0	<	1.25	175	41.2	2.6	120	15	1.4	0.2	4	10.0	-	-	50	<	10.2	3.20	29	6.3
41I	873572	155	106	44	85	12	0.5	323	8.0	<	2.04	225	48.6	1.5	80	32	1.8	0.4	4	10.0	-	-	60	<	4.0	0.56	4	5.7
41I	873573	164	42	6	26	11	0.2	192	<	<	1.51	70	50.6	1.8	70	19	0.9	<	<	10.0	-	-	60	<	2.8	0.44	1	5.3
41I	873574	147	42	2	18	3	0.3	60	<	6	0.27	115	53.0	1.5	50	13	1.0	0.2	<	10.0	-	-	50	<	3.4	0.68	4	5.7
41I	873575	140	79	26	76	7	0.3	95	6.0	<	1.26	90	36.4	1.6	75	21	1.6	0.5	4	10.0	-	-	60	<	2.6	0.48	<	4.5
41I	873577	161	121	41	121	12	0.4	253	7.0	<	1.58	220	49.2	1.2	65	28	2.1	0.4	4	10.0	-	-	60	<	3.2	0.60	2	5.6
41I	873578	286	85	30	100	47	0.5	523	5.0	4	6.65	185	44.0	1.8	110	39	2.6	0.4	4	10.0	<	7.50	50	<	2.0	0.56	<	4.6
41I	873579	125	68	27	66	8	0.3	149	4.0	<	1.59	220	48.4	1.3	80	30	1.4	0.2	4	10.0	-	-	60	<	2.6	0.60	1	5.4
41I	873580	83	29	9	22	4	<	92	1.0	<	0.57	85	41.7	1.6	85	14	0.6	0.2	2	10.0	-	-	70	<	2.2	0.44	<	4.7
41I	873582	169	63	8	37	16	0.3	119	1.0	<	1.99	185	53.6	2.4	135	25	1.3	0.2	<	10.0	-	-	60	<	5.2	0.84	5	5.8
41I	873583	150	59	7	32	15	0.2	117	1.0	<	1.95	190	53.0	2.3	120	28	1.3	<	<	10.0	-	-	60	<	5.2	0.84	5	5.8
41I	873584	90	29	9	19	7	<	66	1.0	<	0.92	120	47.4	3.9	95	21	0.6	0.2	<	10.0	-	-	100	<	2.0	0.56	<	4.4
41I	873585	116	28	5	18	5	0.3	37	<	2	0.38	100	48.8	8.7	75	17	0.7	0.2	<	10.0	-	-	80	<	1.4	0.36	<	4.1
41I	873586	104	32	17	29	4	0.2	53	3.0	<	1.18	135	35.4	5.1	100	16	0.8	0.3	<	10.0	-	-	80	<	1.4	0.40	<	4.2
41I	873587	138	53	27	47	10	0.3	155	5.0	<	3.37	165	26.8	7.5	190	35	1.1	0.3	4	10.0	<	7.50	120	0.07	3.2	1.00	3	5.5
41I	873588	118	42	16	41	8	0.2	119	3.0	<	1.43	95	26.8	7.0	170	22	1.1	0.2	1	10.0	-	-	100	0.08	3.4	1.00	4	5.8
41I	873589	77	23	9	20	9	0.8	204	1.0	<	1.97	115	14.6	2.9	185	33	0.2	0.2	2	10.0	-	-	70	<	4.0	1.10	4	5.9
41I	873590	110	55	10	19	5	0.3	97	1.0	<	1.26	240	39.6	3.6	100	37	1.0	0.2	2	10.0	-	-	60	<	3.6	1.10	3	5.7
41I	873591	102	35	12	25	8	0.2	248	2.0	<	1.92	155	18.6	2.8	165	29	0.4	0.2	<	10.0	-	-	50	<	3.4	1.10	4	5.8
41I	873592	73	31	7	19	4	<	76	1.0	<	0.93	100	29.2	3.4	90	17	0.5	0.2	<4	2.50	-	-	50	<	3.6	1.00	3	5.6
41I	873594	126	63	19	19	5	0.3	238	1.0	<	1.61	125	35.2	4.9	120	28	1.0	0.2	4	10.0	<	5.00	50	<	3.2	1.10	2	5.6
41I	873595	64	28	6	18	9	<	253	2.0	<	2.77	10	3.0	2.5	130	25	<	0.2	<	10.0	<	10.0	50	<	3.2	1.00	3	5.7
41I	873596	124	49	17	27	7	0.3	199	2.0	<	2.71	130	25.8	7.5	130	27	0.6	0.2	<	10.0	-	-	50	<	3.2	1.00	3	5.7
41I	873597	131	41	17	27	15	<	542	3.0	<	3.84	100	16.8	7.3	110	34	0.6	0.2	<	10.0	-	-	50	<	3.2	1.00	3	5.9
41I	873598	94	44	17	22	5	0.2	150	3.0	<	1.30	155	34.6	3.5	105	25	0.8	0.2	<	10.0	-	-	50	0.08	3.2	0.96	2	5.5
41I	873599	118	43	8	21	10	0.3	330	1.0	<	3.93	130	30.0	7.5	150	53	0.6	<	2	10.0	-	-	50	<	3.4	1.00	2	5.6
41I	873600	137	33	3	16	8	<	80	<	2	1.66	55	58.4	10.1	130	22	0.6	<	<	10.0	-	-	130	<	2.6	0.88	1	5.2

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873602	17	471777	5204067	ACSP	02	.25-1	1	10	Md	-	Br	-
41I	873603	17	471777	5204067	ACSP	02	.25-1	1	20	Md	-	Br	-
41I	873604	17	473995	5200786	ACSP	02	>5	12	-	Hi	-	Br	-
41I	873605	17	477806	5199854	ACSP	02	.25-1	6	-	Md	-	Br	-
41I	873606	17	479533	5197671	AMVB	02	>5	7	-	Lw	-	Br	-
41I	873608	17	479640	5194867	ACSP	02	>5	6	-	Lw	-	Br	-
41I	873609	17	481543	5193756	ACSP	02	.25-1	9	-	Lw	-	Br	-
41I	873610	17	481601	5188518	ACSP	02	.25-1	9	-	Md	-	Br	-
41I	873611	17	479496	5186422	ACSP	02	.25-1	5	-	Md	-	Br	-
41I	873612	17	481484	5184909	ACSP	02	1-5	17	-	Md	-	Br	-
41I	873613	17	481218	5181677	ACSP	02	.25-1	12	-	Lw	-	Br	-
41I	873614	17	480726	5180093	ACSP	02	.25-1	8	-	Lw	-	Br	-
41I	873615	17	481870	5176040	ACSP	02	.25-1	3	-	Md	-	Br	-
41I	873616	17	479784	5174585	ACSP	02	.25-1	3	-	Hi	-	Br	-
41I	873617	17	479889	5171616	ACSP	02	pond	15	-	Md	-	Br	-
41I	873618	17	477991	5168532	MPSG	04	1-5	11	-	Md	-	BrBk	-
41I	873619	17	476575	5168673	MPSG	04	1-5	14	-	Md	Ca	BrBk	-
41I	873620	17	475106	5165223	MPSG	04	.25-1	15	-	Hi	WoCa	BrBk	-
41I	873622	17	473867	5152498	MPWG	04	>5	3	-	Lw	-	Gy	-
41I	873623	17	485452	5144387	MPVB	04	pond	6	10	Lw	-	Br	-
41I	873624	17	485452	5144387	MPVB	04	pond	6	20	Lw	-	Br	-
41I	873625	17	491295	5130592	MPQL	04	.25-1	14	-	Md	-	Br	-
41I	873626	17	493518	5130444	MPC	04	.25-1	4	-	Md	-	Br	-
41I	873627	17	498482	5129768	MPGF	04	.25-1	5	-	Md	-	Br	-
41I	873628	17	501846	5129828	MPS	04	.25-1	8	-	Md	-	Br	-
41I	873629	17	506312	5129090	MPS	04	.25-1	5	-	Md	-	Br	-
41I	873630	17	506467	5128074	MPS	04	.25-1	4	-	Md	-	Br	-
41I	873631	17	504389	5127207	MPS	04	1-5	7	-	Lw	-	Gy	-
41I	873632	17	509715	5120747	MPS	04	.25-1	5	-	Lw	-	GyBk	-
41I	873633	17	512249	5120499	MPS	04	.25-1	12	-	Lw	-	GyBr	-
41I	873634	17	515612	5121969	MPS	04	.25-1	9	-	Md	-	Br	-
41I	873635	17	519055	5119669	MPS	04	.25-1	10	-	Md	-	Gy	-
41I	873636	17	521510	5119057	MPS	04	.25-1	10	-	Lw	-	Br	-
41I	873637	17	523702	5116471	MPS	04	1-5	8	-	Lw	-	Br	-
41I	873639	17	525597	5113113	MPS	04	.25-1	5	-	Md	-	Br	-
41I	873640	17	527572	5112687	MPS	04	.25-1	15	-	Md	-	Br	-
41I	873643	17	532809	5114526	LPGX	04	.25-1	14	10	Lw	-	Br	-
41I	873644	17	532809	5114526	LPGX	04	.25-1	14	20	Lw	-	Br	-
41I	873645	17	536416	5110911	LPGX	04	.25-1	8	-	Lw	-	Br	-
41I	873646	17	535324	5109424	LPGX	04	.25-1	4	-	Lw	-	Br	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873602	73	31	9	23	9	<	54	1.0	<	0.89	125	52.2	9.7	85	23	0.3	<	1	10.0	-	-	80	<	3.0	1.10	2	5.5
41I	873603	77	30	8	21	8	<	52	1.0	<	0.86	120	51.8	9.1	75	28	0.2	<	1	10.0	-	-	90	0.07	2.8	0.92	2	5.5
41I	873604	173	43	10	18	15	0.3	1093	1.0	9	5.06	105	24.6	22.1	140	67	0.5	<	2	10.0	-	-	80	<	4.0	0.84	3	5.7
41I	873605	111	86	12	16	10	0.3	301	2.0	4	2.53	165	27.8	7.2	115	43	0.2	<	<2	5.00	-	-	50	<	3.0	0.80	2	5.6
41I	873606	89	35	20	22	12	<	340	2.0	<	2.95	95	11.0	4.4	105	31	0.4	<	<	10.0	<	7.50	60	<	3.6	0.92	3	5.7
41I	873608	115	38	21	27	10	<	354	2.0	<	2.81	95	18.2	5.0	130	30	0.6	0.2	2	10.0	-	-	60	<	3.8	1.00	3	5.7
41I	873609	154	71	40	42	12	0.3	355	3.0	<	1.39	230	39.8	3.6	125	51	1.1	0.2	4	10.0	<	5.00	40	0.07	4.0	1.10	5	5.8
41I	873610	102	43	28	27	11	<	247	3.0	<	1.41	195	38.2	8.8	125	40	0.5	0.2	<4	2.50	-	-	90	0.06	3.0	0.88	2	5.6
41I	873611	99	40	29	44	8	<	121	3.0	<	0.91	165	46.6	10.4	170	24	1.0	0.2	<	10.0	-	-	80	<	2.2	0.52	<	4.9
41I	873612	123	50	40	37	10	<	182	4.0	<	1.57	170	34.0	13.0	180	42	1.0	0.3	2	10.0	-	-	90	<	2.4	0.64	1	5.2
41I	873613	95	33	21	27	7	<	131	3.0	<	0.82	175	44.8	7.9	120	30	0.6	0.2	<4	2.50	-	-	70	<	1.8	0.44	<	4.5
41I	873614	117	37	22	30	9	<	134	2.0	<	0.90	165	41.2	4.9	135	26	0.8	0.2	<4	2.50	-	-	80	<	2.0	0.40	<	4.4
41I	873615	91	39	34	28	5	<	55	1.0	<	0.52	175	51.6	1.7	70	25	0.6	<	<	10.0	-	-	60	<	1.8	0.56	<	4.6
41I	873616	100	30	8	18	3	<	46	1.0	<	0.43	165	48.0	1.2	60	26	0.4	<	<	10.0	-	-	60	<	2.0	0.44	<	4.8
41I	873617	111	46	5	17	5	0.2	106	<	<	0.46	165	59.2	2.3	65	30	0.8	<	<	10.0	-	-	50	<	3.0	0.64	1	5.4
41I	873618	148	36	11	21	9	<	540	2.0	2	1.91	75	33.4	2.6	120	37	1.0	<	<	10.0	-	-	50	<	3.0	0.52	2	5.6
41I	873619	145	67	53	56	10	0.2	575	9.0	2	1.77	140	35.2	1.8	135	29	1.2	0.6	<	10.0	-	-	50	<	3.0	0.52	2	5.6
41I	873620	149	94	48	73	8	0.3	246	6.0	2	1.58	135	35.6	2.0	100	30	0.9	0.4	3	10.0	-	-	60	<	3.6	0.60	3	5.7
41I	873622	86	66	13	389	25	<	496	2.0	<	2.59	90	3.2	2.0	195	40	0.2	0.2	2	10.0	2	10.0	70	0.05	10.4	2.00	14	6.1
41I	873623	245	662	29	3555	86	0.5	144	20.0	<	1.48	345	65.0	1.3	65	20	1.6	0.7	<	10.0	-	-	80	<	6.2	2.10	3	5.7
41I	873624	163	410	21	1800	49	0.3	113	12.0	<	1.11	265	64.6	1.0	85	17	1.2	0.2	2	10.0	-	-	80	<	6.4	2.00	3	5.8
41I	873625	113	187	30	183	21	0.3	211	10.0	<	2.62	135	33.0	3.5	185	48	0.8	0.3	5	10.0	-	-	70	<	3.2	0.80	1	5.1
41I	873626	83	91	11	105	12	<	100	2.0	<	0.71	155	32.6	5.8	105	14	0.8	0.2	<	10.0	-	-	80	0.06	2.6	0.80	1	5.1
41I	873627	53	108	16	198	7	<	57	3.0	<	0.48	95	37.6	13.9	90	17	0.5	0.2	<	10.0	-	-	70	<	2.0	0.44	<	4.1
41I	873628	102	137	23	152	13	0.2	182	3.0	<	1.74	135	32.8	2.5	145	36	0.6	0.2	2	10.0	-	-	60	<	3.8	1.20	3	5.5
41I	873629	134	151	29	179	11	0.3	128	4.0	<	2.18	265	38.2	2.4	165	36	0.8	0.2	3	10.0	-	-	60	<	4.6	1.60	5	5.9
41I	873630	123	118	25	136	13	<	174	4.0	<	2.20	235	29.8	2.1	170	32	0.8	0.3	2	10.0	-	-	50	<	4.2	1.80	4	5.8
41I	873631	105	50	9	68	17	<	428	2.0	<	3.22	70	7.2	2.1	165	41	0.2	0.2	1	10.0	1	10.0	50	<	4.6	1.70	4	5.9
41I	873632	172	100	31	110	13	0.2	270	5.0	2	2.63	170	33.8	2.0	180	41	0.8	0.3	1	10.0	-	-	60	<	14.6	5.60	42	6.4
41I	873633	178	124	50	113	15	0.2	332	5.0	2	4.05	465	14.8	2.8	230	49	0.9	0.5	7	10.0	10	10.0	50	0.56	30.0	11.40	87	7.0
41I	873634	131	85	34	93	13	0.2	221	6.0	<	2.11	225	32.6	1.7	165	35	0.9	0.3	1	10.0	-	-	50	<	8.0	3.70	17	6.2
41I	873635	166	59	23	81	20	<	411	4.0	<	3.50	175	21.8	2.0	175	49	0.3	0.2	<	10.0	-	-	50	<	6.2	2.70	14	6.1
41I	873636	153	38	9	30	10	<	319	1.0	<	1.67	80	48.2	1.5	120	32	0.5	<	<	10.0	-	-	50	<	3.2	1.70	8	5.9
41I	873637	184	45	23	55	16	<	332	3.0	<	2.72	155	26.4	1.6	160	49	0.7	0.2	<	10.0	-	-	50	<	4.4	2.00	12	6.0
41I	873639	158	41	26	45	8	<	109	2.0	<	0.94	165	41.6	1.8	120	24	0.6	0.2	<	10.0	-	-	60	<	3.4	1.50	8	6.0
41I	873640	191	71	47	76	18	<	310	4.0	<	2.88	160	31.6	1.9	185	56	1.0	0.3	1	10.0	-	-	50	<	3.8	1.60	9	6.0
41I	873643	122	35	15	24	3	<	145	2.0	<	0.86	195	66.4	0.5	65	25	0.8	<	<	10.0	-	-	50	<	2.2	0.80	2	5.4
41I	873644	137	40	17	28	4	<	124	3.0	<	0.93	190	64.3	0.6	70	24	0.8	0.2	2	10.0	-	-	40	<	2.0	0.84	2	5.4
41I	873645	102	32	23	35	7	<	139	1.0	<	1.04	135	38.2	1.0	155	20	0.6	0.2	<	10.0	-	-	40	<	2.4	1.10	5	5.8
41I	873646	244	33	12	34	9	<	198	2.0	<	1.46	120	46.0	1.3	135	29	1.1	0.2	<	10.0	-	-	40	<	2.2	0.88	3	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873647	17	540248	5103055	LPGX	04	>5	18	-	Md	-	Gy	-
41I	873648	17	547284	5103570	MPS	04	>5	20	-	Md	-	GyBk	-
41I	873649	17	547295	5110548	LPGX	04	1-5	3	-	Lw	-	GyBr	-
41I	873650	17	549613	5109591	LPGX	04	.25-1	12	-	Md	-	Gy	-
41I	873651	17	552000	5110620	MPGF	04	.25-1	7	-	Md	-	Br	-
41I	873652	17	554400	5111111	MPGF	04	.25-1	11	-	Md	-	Br	-
41I	873653	17	558000	5110560	LPGX	04	.25-1	3	-	Md	-	Br	-
41I	873654	17	554000	5112400	MPGF	04	.25-1	4	-	Md	-	Br	-
41I	873655	17	560403	5111867	MPS	04	.25-1	11	-	Md	-	GyBr	-
41I	873656	17	565044	5110698	MPS	04	.25-1	5	-	Md	-	GyBr	-
41I	873657	17	561279	5110075	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873658	17	560390	5106505	MPS	04	.25-1	5	-	Md	-	Br	-
41I	873659	17	555665	5107845	MPS	04	.25-1	9	-	Md	-	Br	-
41I	873660	17	552477	5108621	MPS	04	.25-1	2	-	Md	-	GyBr	-
41I	873662	17	556514	5104056	MPS	04	>5	8	-	Md	-	Gy	-
41I	873663	17	555533	5101502	MPS	04	.25-1	8	-	Lw	-	Br	-
41I	873664	17	551007	5102577	MPS	04	.25-1	4	10	Lw	-	Br	-
41I	873665	17	550995	5102564	MPS	04	.25-1	4	20	Lw	-	Br	-
41I	873666	17	551519	5103574	MPS	04	.25-1	3	-	Lw	-	Br	-
41I	873667	17	552863	5104134	MPS	04	.25-1	19	-	Md	-	Br	-
41I	873668	17	549838	5103831	MPS	04	.25-1	10	-	Md	-	BrBk	-
41I	873669	17	545401	5101592	MPBN	04	1-5	11	-	Lw	-	GyBk	-
41I	873670	17	538542	5102612	LPGX	04	.25-1	5	-	Md	-	GyBr	-
41I	873671	17	534149	5105164	MPS	04	>5	12	-	Md	-	GyBr	-
41I	873672	17	534947	5102106	MPS	04	>5	9	-	Md	-	Gy	-
41I	873673	17	559754	5098974	MPS	04	.25-1	12	-	Md	-	Br	-
41I	873674	17	558461	5100513	MPS	04	.25-1	4	-	Lw	-	Br	-
41I	873675	17	554435	5099144	MPS	04	1-5	20	-	Md	-	BrBk	-
41I	873676	17	549665	5099917	MPS	04	1-5	10	-	Lw	-	GyBr	-
41I	873677	17	540482	5099788	MPS	04	.25-1	06	-	Md	-	GyBr	-
41I	873679	17	538191	5099969	MPS	04	.25-1	11	-	Md	-	GyBr	-
41I	873680	17	536237	5095281	MPBN	04	>5	15	-	Md	-	Gy	-
41I	873682	17	537072	5095105	MPS	04	.25-1	13	10	Lw	-	Br	-
41I	873683	17	537072	5095092	MPS	04	.25-1	13	20	Lw	-	Br	-
41I	873684	17	542160	5096478	MPS	04	.25-1	10	-	Lw	-	Br	-
41I	873685	17	546874	5095635	MPS	04	1-5	4	-	Lw	-	Br	-
41I	873686	17	549863	5095677	MPS	04	.25-1	8	-	Md	-	BrBk	-
41I	873688	17	553207	5095099	MPS	04	.25-1	5	-	Md	-	Br	-
41I	873689	17	555117	5095627	MPS	04	.25-1	8	-	Lw	-	Br	-
41I	873690	17	553764	5098132	MPS	04	>5	20	-	Md	-	GyBk	-

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Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873647	94	24	17	28	11	<	2590	2.0	<	3.17	70	5.6	2.0	190	33	0.4	0.2	<	10.0	-	-	40	<	7.4	2.20	19	6.2
41I	873648	174	41	29	45	17	<	615	1.0	<	4.59	155	16.2	2.8	240	60	0.9	0.3	2	10.0	-	-	40	<	7.6	2.20	19	6.2
41I	873649	147	21	6	36	15	<	350	1.0	<	2.73	90	12.2	2.3	205	31	0.5	0.2	2	10.0	-	-	40	<	5.8	2.10	15	6.1
41I	873650	106	35	28	42	11	<	287	3.0	<	2.95	65	6.2	1.8	255	37	0.5	0.3	3	10.0	5	5.00	40	<	6.0	2.40	17	6.2
41I	873651	258	34	19	29	11	0.3	318	1.0	<	1.32	220	45.6	3.2	155	23	1.5	0.2	<	10.0	-	-	40	<	12.2	4.40	44	6.4
41I	873652	186	37	42	36	12	<	313	3.0	<	2.15	200	38.8	2.5	140	44	1.0	0.3	2	10.0	-	-	40	<	5.4	2.00	15	6.1
41I	873653	189	29	11	43	18	0.3	321	1.0	<	2.76	185	28.8	2.8	235	42	0.4	0.2	2	10.0	-	-	40	<	5.2	2.00	15	6.0
41I	873654	209	28	17	40	20	<	362	2.0	<	2.38	190	32.2	2.4	180	34	0.9	0.2	2	10.0	-	-	40	<	6.6	2.30	19	6.1
41I	873655	188	36	44	39	14	<	337	4.0	<	2.21	240	34.6	2.2	160	43	1.2	0.3	1	10.0	-	-	40	<	6.0	2.20	18	6.1
41I	873656	96	38	8	33	13	<	321	3.0	3	3.55	65	13.2	4.1	255	43	0.4	0.2	<	10.0	-	-	40	<	7.2	2.20	19	6.1
41I	873657	166	25	8	30	7	<	108	1.0	<	1.16	130	31.6	2.3	125	24	0.4	0.2	<	10.0	-	-	40	<	5.6	1.90	15	6.1
41I	873658	145	33	23	32	8	<	125	2.0	<	1.68	190	40.2	1.6	155	33	0.7	0.2	1	10.0	-	-	40	<	4.4	1.80	11	6.1
41I	873659	162	32	15	30	8	<	200	1.0	<	1.73	195	33.8	1.9	155	36	0.7	0.2	1	10.0	-	-	40	<	5.8	2.10	17	6.1
41I	873660	96	18	7	25	12	<	269	1.0	<	2.56	60	7.0	1.6	240	32	0.2	<	2	10.0	4	10.0	40	<	6.8	2.80	21	6.1
41I	873662	102	22	17	28	11	<	456	3.0	<	3.01	65	5.2	2.1	390	31	0.3	<	2	10.0	<	10.0	60	<	7.6	2.30	19	6.2
41I	873663	175	33	15	25	9	<	200	1.0	<	1.69	190	40.2	2.4	150	42	0.8	0.2	<	10.0	-	-	50	<	4.6	1.80	11	6.0
41I	873664	145	23	8	23	8	<	153	1.0	<	1.53	130	31.8	1.6	165	28	0.6	<	2	10.0	-	-	50	<	3.6	1.70	9	5.9
41I	873665	145	25	9	26	8	<	152	1.0	<	1.55	135	32.6	1.9	170	27	0.8	0.2	<	10.0	-	-	50	<	4.0	1.80	9	5.9
41I	873666	140	36	3	27	7	<	59	<	<	0.57	65	55.0	5.1	95	31	0.8	<	<	10.0	-	-	50	<	1.8	0.80	2	5.5
41I	873667	206	39	14	17	21	<	659	3.0	3	4.24	125	45.2	5.9	110	51	1.1	0.2	<	10.0	-	-	50	<	2.2	0.64	3	5.7
41I	873668	186	37	29	43	17	<	346	3.0	<	3.93	190	21.2	2.6	165	55	0.9	0.3	2	10.0	-	-	50	0.07	15.0	6.20	55	6.5
41I	873669	130	42	32	40	13	<	446	3.0	<	3.74	110	13.5	1.8	305	52	0.7	0.3	<2	5.00	-	-	50	<	8.0	2.50	20	6.2
41I	873670	150	42	17	29	13	0.3	312	2.0	<	3.00	185	33.6	2.2	240	67	0.8	<	2	10.0	-	-	50	<	6.6	3.00	22	6.2
41I	873671	137	34	27	36	13	0.3	448	2.0	<	3.14	100	10.2	2.2	215	46	0.8	0.2	<	10.0	-	-	50	<	7.2	2.20	19	6.2
41I	873672	121	30	13	33	12	0.3	295	1.0	<	3.36	95	13.2	2.0	280	48	0.3	<	<2	5.00	-	-	50	<	7.6	1.90	19	6.1
41I	873673	151	46	36	30	11	0.5	276	3.0	<	2.61	200	37.8	1.8	130	49	1.2	0.3	1	10.0	-	-	50	<	5.4	2.40	14	6.1
41I	873674	91	30	15	18	4	<	72	1.0	<	1.16	95	37.4	5.0	130	41	0.4	0.2	2	10.0	-	-	50	<	1.4	0.44	1	5.4
41I	873675	157	62	25	18	6	0.2	278	2.0	<	1.13	130	48.8	4.0	145	32	1.1	0.3	<	10.0	-	-	50	<	1.6	0.52	1	5.3
41I	873676	236	41	32	33	13	0.2	360	3.0	<	3.01	190	33.8	2.0	170	59	1.4	0.3	<	10.0	-	-	50	<	4.8	1.90	13	6.2
41I	873677	157	27	14	35	17	<	395	2.0	<	3.66	105	12.2	1.8	290	53	0.5	0.2	1	10.0	-	-	50	<	9.4	3.70	28	6.2
41I	873679	178	37	31	37	13	0.2	470	3.0	<	2.68	175	23.8	3.2	210	46	1.4	0.2	<	10.0	-	-	50	<	5.2	2.10	15	6.2
41I	873680	114	30	18	31	12	<	623	3.0	<	3.44	95	8.4	2.5	280	46	0.6	0.2	1	10.0	1	10.0	50	<	7.0	2.20	18	6.1
41I	873682	158	36	3	9	6	<	285	1.0	3	1.94	125	52.0	1.5	80	46	0.6	<	<	10.0	-	-	60	0.05	4.4	2.00	16	6.2
41I	873683	146	37	3	8	7	<	284	1.0	2	1.93	130	52.6	1.9	105	50	0.7	<	<	10.0	-	-	50	<	4.8	2.30	16	6.0
41I	873684	150	31	12	18	8	<	437	2.0	<	2.21	100	50.8	3.4	125	33	0.9	0.2	<	10.0	-	-	60	0.05	8.6	3.10	29	6.3
41I	873685	192	38	14	17	7	<	543	1.0	<	3.50	155	31.8	4.1	160	51	1.0	0.2	<	10.0	-	-	50	<	4.8	1.60	13	6.1
41I	873686	203	42	29	22	11	<	702	3.0	<	3.71	150	37.0	2.7	100	45	1.0	0.2	<	10.0	-	-	50	<	6.4	2.20	21	6.1
41I	873688	204	35	7	20	4	<	118	1.0	<	0.74	165	38.2	2.2	100	40	1.1	<	<	10.0	-	-	60	<	2.6	1.20	7	5.9
41I	873689	140	31	21	31	8	<	233	2.0	<	2.37	130	56.2	3.2	195	41	0.8	0.2	<	10.0	-	-	50	<	3.4	1.50	7	5.9
41I	873690	161	37	42	43	12	<	477	3.0	<	3.50	165	27.0	2.2	365	43	1.6	0.4	<	10.0	-	-	50	<	7.0	2.20	18	6.1

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873691	17	550028	5097078	MPS	04	>5	20	-	Md	-	GyBk	-
41I	873692	17	544543	5096737	MPS	04	.25-1	8	-	Lw	-	Br	-
41I	873693	17	541822	5098002	MPS	04	>5	16	-	Md	-	GyBk	-
41I	873694	17	535772	5097509	MPS	04	>5	6	-	Md	-	Gy	-
41I	873695	17	531485	5105723	MPS	04	1-5	10	-	Md	-	Gy	-
41I	873696	17	531186	5107742	MPS	04	1-5	1	-	Hi	-	Gy	-
41I	873697	17	530266	5110284	MPS	04	-	10	-	Lw	-	Gy	-
41I	873698	17	526206	5109150	MPS	04	.25-1	8	-	Lw	-	Br	-
41I	873699	17	525995	5107869	MPS	04	.25-1	12	-	Lw	-	BrBk	-
41I	873700	17	527261	5106527	MPS	04	1-5	10	-	Md	-	GyBr	-
41I	873702	17	524717	5105172	MPS	04	.25-1	7	10	Lw	-	BrBk	-
41I	873703	17	524717	5105172	MPS	04	.25-1	7	20	Lw	-	BrBk	-
41I	873704	17	522721	5108422	MPS	04	.25-1	6	-	Lw	-	Br	-
41I	873705	17	519737	5109270	MPS	04	1-5	20	-	Lw	-	BrBk	-
41I	873706	17	517213	5109919	MPS	04	.25-1	11	-	Lw	-	Br	-
41I	873707	17	519251	5112274	MPS	04	.25-1	7	-	Lw	-	BrBk	-
41I	873708	17	520402	5113723	MPS	04	.25-1	6	-	Md	-	Br	-
41I	873709	17	522301	5115306	MPS	04	.25-1	14	-	Md	-	GyBk	-
41I	873710	17	518846	5116913	MPS	04	.25-1	13	-	Md	-	BrBk	-
41I	873711	17	515789	5117379	MPS	04	1-5	4	-	Md	-	GyBr	-
41I	873712	17	514873	5111893	MPS	04	.25-1	22	-	Lw	-	BrBk	-
41I	873714	17	513695	5109967	MPS	04	.25-1	5	-	Lw	-	Br	-
41I	873715	17	511054	5112886	MPS	04	1-5	11	-	Lw	-	Gy	-
41I	873716	17	508581	5115482	MPS	04	.25-1	11	-	Md	-	Br	-
41I	873717	17	498837	5109649	MPS	04	1-5	9	-	Md	-	Br	-
41I	873718	17	497769	5116282	MPS	04	1-5	4	-	Lw	-	Br	-
41I	873719	17	500151	5117250	MPS	04	.25-1	4	-	Md	-	Br	-
41I	873720	17	503809	5123271	MPS	04	1-5	7	-	Md	-	Gy	-
41I	873722	17	500739	5127222	MPS	04	1-5	11	10	Md	-	Br	-
41I	873723	17	500739	5127222	MPS	04	1-5	11	20	Md	-	Br	-
41I	873724	17	498606	5122115	MPS	04	1-5	17	-	Md	-	Br	-
41I	873725	17	494346	5119911	MPGF	04	.25-1	3	-	Md	-	Br	-
41I	873726	17	495442	5121547	MPGF	04	.25-1	12	-	Lw	-	Br	-
41I	873727	17	496538	5127155	MPGF	04	.25-1	4	-	Md	-	Br	-
41I	873728	17	493391	5127757	MPGF	04	1-5	12	-	Lw	-	Br	-
41I	873729	17	489771	5126723	MPGF	04	.25-1	10	-	Lw	-	Br	-
41I	873731	17	487530	5127030	MPGF	04	.25-1	5	-	Md	-	Br	-
41I	873732	17	488250	5129826	MPHL	04	>5	16	-	Md	-	BrBk	-
41I	873733	17	470870	5155552	MPWG	04	pond	2	-	Lw	-	GnBr	-
41I	873734	17	472900	5160471	MPWG	04	.25-1	4	-	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873691	152	37	38	40	13	<	476	4.0	<	3.85	185	13.6	2.2	330	56	0.9	0.3	<2	5.00	-	-	50	<	6.8	2.20	18	6.1
41I	873692	190	31	18	22	12	<	229	2.0	<	1.08	155	13.4	2.6	120	26	1.2	0.2	<	10.0	-	-	50	<	2.8	1.00	4	5.7
41I	873693	97	33	11	32	13	<	1024	2.0	<	3.98	60	46.2	2.9	260	54	0.3	<	<	10.0	-	-	50	<	7.4	2.30	18	6.1
41I	873694	121	34	14	41	18	<	902	2.0	<	4.83	95	8.8	2.7	330	74	0.4	0.2	1	10.0	-	-	50	0.05	7.0	2.20	18	6.1
41I	873695	189	34	24	46	17	<	466	3.0	<	3.47	130	12.8	1.9	260	48	0.6	0.3	2	10.0	-	-	50	<	5.8	2.30	15	6.1
41I	873696	77	18	8	28	9	<	219	2.0	<	2.05	60	19.0	2.0	250	21	0.4	0.2	3	10.0	14	10.0	50	<	4.0	1.80	8	5.9
41I	873697	141	26	13	35	19	<	562	2.0	<	3.51	130	4.4	1.8	295	58	0.3	0.2	<	10.0	<	7.50	50	<	3.8	1.70	9	6.0
41I	873698	169	49	15	36	13	<	367	2.0	<	2.62	175	20.0	2.2	210	67	0.9	0.2	2	10.0	-	-	50	<	6.0	2.80	20	6.2
41I	873699	166	55	35	59	17	<	368	6.0	<	2.28	165	35.2	1.9	95	76	0.8	0.3	1	10.0	-	-	50	<	4.6	2.00	8	6.0
41I	873700	157	51	30	63	14	<	332	4.0	<	2.82	155	46.2	2.2	250	49	1.2	0.2	3	10.0	-	-	50	<	5.6	2.40	14	6.1
41I	873702	143	44	24	38	9	<	239	2.0	<	2.28	150	38.8	2.1	230	49	0.6	0.3	<	10.0	-	-	80	<	3.4	1.70	10	6.0
41I	873703	155	42	20	35	10	<	249	2.0	<	2.49	170	39.6	2.3	230	50	0.7	0.2	1	10.0	-	-	80	<	3.2	1.70	10	6.1
41I	873704	144	60	32	65	8	<	102	5.0	<	1.11	180	49.0	1.3	90	27	1.4	0.2	<	10.0	-	-	60	<	2.4	1.30	6	5.8
41I	873705	167	64	59	45	43	0.3	944	7.0	<	5.20	180	48.4	1.8	120	81	0.8	0.2	2	10.0	-	-	50	<	3.8	1.40	6	5.8
41I	873706	164	55	27	58	17	0.2	369	4.0	<	2.58	150	31.2	2.0	160	52	1.0	0.3	1	10.0	-	-	50	<	3.8	1.70	8	6.0
41I	873707	176	109	69	117	13	0.2	204	10.0	<	1.92	180	49.2	2.2	90	51	1.4	0.2	1	10.0	-	-	50	<	5.4	2.70	13	5.9
41I	873708	124	41	12	43	10	<	187	1.0	<	1.72	125	37.6	1.7	150	36	0.7	0.2	<	10.0	-	-	50	<	4.4	2.20	10	5.9
41I	873709	155	44	21	46	15	<	424	4.0	<	3.87	110	17.4	2.1	230	59	0.4	0.2	<	10.0	-	-	50	<	5.8	2.80	16	6.1
41I	873710	133	58	27	52	17	<	473	5.0	<	3.54	170	40.0	1.8	125	62	0.5	0.2	<	10.0	-	-	50	<	3.2	1.70	8	5.9
41I	873711	107	32	11	51	12	<	411	3.0	<	2.97	60	7.4	1.7	175	34	0.2	0.2	<	10.0	<	10.0	60	<	5.6	2.60	13	6.1
41I	873712	114	54	24	44	5	0.2	244	6.0	<	2.77	150	45.4	1.4	155	50	0.4	0.2	1	10.0	-	-	50	<	2.8	1.60	6	5.9
41I	873714	155	44	14	52	9	<	179	3.0	<	2.07	170	33.4	2.2	215	25	0.8	<	2	10.0	-	-	60	<	4.6	2.40	13	6.1
41I	873715	150	48	16	60	15	<	376	3.0	<	3.58	115	20.8	3.5	215	45	0.7	0.2	1	10.0	-	-	50	<	4.4	2.40	12	6.0
41I	873716	130	44	14	47	9	<	166	2.0	<	3.58	125	20.2	2.4	210	40	0.4	0.2	1	10.0	-	-	70	<	5.0	2.30	10	5.9
41I	873717	154	55	33	45	13	<	359	4.0	<	2.05	155	40.6	1.8	125	44	1.2	0.3	<	10.0	-	-	60	<	2.2	0.80	<	4.8
41I	873718	142	67	25	74	11	<	157	5.0	<	1.54	165	36.5	1.9	140	35	1.0	0.2	<2	5.00	-	-	50	<	2.8	1.20	1	5.3
41I	873719	141	66	21	84	15	<	243	4.0	<	2.77	140	21.2	1.8	170	41	0.7	0.2	2	10.0	-	-	50	<	3.0	1.30	3	5.6
41I	873720	77	41	8	63	11	<	259	3.0	<	2.52	65	7.0	2.2	195	23	0.2	0.2	2	10.0	34	10.0	50	<	4.0	1.80	5	5.8
41I	873722	139	67	12	73	21	<	616	3.0	2	4.11	90	20.2	8.2	200	51	0.7	0.2	2	10.0	3	5.00	50	<	2.6	1.00	<	4.7
41I	873723	158	101	21	114	23	<	547	6.0	2	4.45	135	20.8	7.8	140	51	0.8	0.2	5	10.0	4	7.50	50	<	2.8	0.88	<	4.7
41I	873724	132	68	13	88	16	<	223	3.0	<	2.64	135	26.2	4.1	180	47	0.6	0.2	<2	5.00	-	-	50	<	2.6	0.96	<	4.9
41I	873725	73	35	2	26	3	<	70	1.0	5	0.54	125	63.0	3.1	55	14	0.6	<	1	10.0	-	-	50	<	1.4	0.44	<	4.2
41I	873726	68	47	10	46	5	<	108	3.0	<	0.92	150	52.6	7.9	60	18	0.6	0.2	<	10.0	-	-	50	<	2.0	0.60	<	4.2
41I	873727	66	61	12	86	5	<	59	5.0	<	0.61	145	42.8	14.8	95	11	0.8	0.2	2	10.0	-	-	50	0.06	1.6	0.48	<	4.0
41I	873728	119	69	16	89	16	<	311	6.0	<	2.94	125	22.8	5.4	170	31	0.7	0.2	2	10.0	-	-	50	<	2.0	0.68	<	4.3
41I	873729	189	181	41	219	14	<	205	13.0	<	1.63	180	47.6	1.9	130	21	1.8	0.4	7	10.0	6	5.00	50	0.05	2.2	0.72	1	5.5
41I	873731	121	86	16	90	8	<	135	7.0	<	0.99	155	41.6	1.4	120	20	0.9	0.2	6	10.0	-	-	70	<	2.2	0.80	<	4.6
41I	873732	279	125	22	116	70	<	7470	440.0	4	8.73	150	25.8	7.3	115	74	1.5	2.2	400	10.0	-	-	60	0.06	7.2	2.40	10	6.0
41I	873733	66	50	13	104	13	<	185	5.0	<	1.99	35	6.8	1.9	175	24	0.4	<	2	10.0	2	10.0	60	0.12	13.2	5.80	51	6.5
41I	873734	119	48	13	36	6	<	152	2.0	<	0.77	155	42.0	1.3	85	18	0.9	<	<	10.0	-	-	50	<	4.0	0.68	5	5.8

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873735	17	473463	5167488	MPSN	04	.25-1	4	-	Md	-	Gy	-
41I	873736	17	474300	5171955	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873737	17	477402	5174728	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	873738	17	475086	5176498	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	873739	17	477939	5179051	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873740	17	475700	5179511	ACSP	02	.25-1	17	-	Hi	-	BrBk	-
41I	873742	17	477041	5182225	ACSP	02	.25-1	10	10	Hi	-	Br	-
41I	873743	17	477041	5182225	ACSP	02	.25-1	10	20	Hi	-	Br	-
41I	873744	17	474548	5183418	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873745	17	474520	5185795	ACSP	02	1-5	5	-	Md	-	Br	-
41I	873746	17	476994	5186617	ACSP	02	.25-1	16	-	Md	-	Br	-
41I	873747	17	476213	5189389	ACSP	02	.25-1	6	-	Md	-	BrBk	-
41I	873749	17	478650	5191006	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	873750	17	477930	5193466	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	873751	17	476000	5196401	AMVB	02	pond	1	-	Md	-	Br	-
41I	873752	17	473655	5196398	AMVB	02	.25-1	3	-	Md	-	Br	-
41I	873753	17	471439	5195923	AMVB	02	1-5	7	-	Md	-	Br	-
41I	873754	17	470457	5200940	ACSP	02	1-5	5	-	Md	-	Br	-
41I	873755	17	468686	5203874	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873756	17	465950	5201567	ACSP	02	>5	3	-	Md	-	Br	-
41I	873757	17	464537	5197958	ACSP	02	.25-1	5	-	Md	-	Br	-
41I	873758	17	467902	5198263	AMVB	02	.25-1	10	-	Md	-	Br	-
41I	873759	17	468461	5196930	IF	02	.25-1	4	-	Md	-	Br	-
41I	873760	17	462696	5194848	ACSP	02	>5	20	-	Md	-	Br	-
41I	873762	17	462944	5192221	ACSP	02	>5	8	10	Md	-	Br	-
41I	873763	17	462944	5192221	ACSP	02	>5	8	20	Md	-	Br	-
41I	873764	17	465940	5192460	IF	02	pond	2	-	Md	-	Br	-
41I	873765	17	468816	5192821	AMVB	02	1-5	13	-	Md	-	Br	-
41I	873766	17	473704	5192813	AMVB	02	1-5	6	-	Md	-	Br	-
41I	873767	17	472926	5190634	ACSP	02	.25-1	13	-	Md	-	Bk	-
41I	873768	17	470328	5188751	ACSP	02	.25-1	4	-	Md	-	Br	-
41I	873769	17	465802	5190008	ACSP	02	.25-1	11	-	Md	-	Br	-
41I	873770	17	465175	5188177	ACSP	02	1-5	4	-	Lw	-	Br	-
41I	873771	17	463106	5187154	ACSP	02	.25-1	7	-	Md	-	Br	-
41I	873772	17	465313	5186663	ACSP	02	.25-1	1	-	Md	-	Br	-
41I	873773	17	466940	5181996	MPND	04	pond	1	-	Md	-	Br	-
41I	873774	17	469654	5182644	ACSP	02	.25-1	19	-	Md	-	Br	-
41I	873775	17	470181	5180008	ACSP	02	.25-1	7	-	Hi	-	GyBr	-
41I	873776	17	472665	5179825	ACSP	02	.25-1	7	-	Hi	-	Br	-
41I	873777	17	470125	5176112	ACSP	02	.25-1	2	-	Hi	-	Br	-

Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873735	69	342	29	2035	65	0.4	449	<	<	4.98	15	1.0	1.3	345	64	<	<	9	10.0	11	10.0	310	<	250.0	25.00	<	4.0
41I	873736	87	35	3	21	8	<	97	1.0	<	0.43	115	50.4	1.0	65	16	0.5	<	<	10.0	-	-	80	<	2.2	0.64	<	4.8
41I	873737	93	38	12	33	4	0.3	69	2.0	<	0.63	210	45.6	1.0	105	16	0.8	<	2	10.0	-	-	60	<	1.6	0.44	<	4.6
41I	873738	38	25	7	21	4	0.2	57	1.0	2	0.44	100	45.4	4.5	105	21	0.7	<	<	10.0	-	-	60	<	1.2	0.32	<	4.5
41I	873739	83	24	6	27	7	0.2	48	1.0	2	0.39	95	63.2	6.1	60	12	0.6	<	1	10.0	-	-	60	<	1.4	0.36	<	4.3
41I	873740	99	49	49	33	19	0.3	288	5.0	2	2.40	220	36.0	4.6	130	48	0.7	0.2	4	10.0	1	5.00	60	3.90	2.4	0.68	2	5.4
41I	873742	96	38	22	26	8	0.2	175	1.0	2	0.96	180	41.6	11.1	130	31	0.8	0.2	<	10.0	-	-	90	0.40	2.2	0.44	1	5.1
41I	873743	101	32	16	18	7	<	186	1.0	2	0.93	180	41.4	11.4	130	27	0.7	0.2	2	10.0	-	-	90	<	2.2	0.48	1	5.0
41I	873744	177	32	4	12	8	0.3	325	ns	4	3.51	70	66.4	19.4	150	250	0.4	<	<	10.0	-	-	80	0.28	3.4	0.76	7	5.8
41I	873745	112	40	18	20	8	<	173	2.0	2	1.47	165	37.8	11.9	140	28	0.6	0.2	2	10.0	-	-	70	0.06	2.8	0.72	2	5.6
41I	873746	130	51	34	27	4	0.3	211	2.0	<	0.88	155	39.6	16.1	125	25	1.2	0.3	3	10.0	-	-	70	0.32	3.0	0.76	2	5.7
41I	873747	131	36	21	23	8	0.3	384	3.0	<	5.73	90	17.0	2.9	140	36	0.3	0.2	<	10.0	-	-	50	<	3.0	0.84	4	5.8
41I	873749	84	36	19	24	8	0.2	219	1.0	<	1.52	125	29.6	4.7	145	25	0.7	0.2	3	10.0	-	-	80	0.06	3.2	0.88	4	5.8
41I	873750	98	37	22	22	7	<	172	2.0	<	1.51	125	35.4	2.5	130	38	0.6	<	2	10.0	-	-	70	0.59	3.4	0.96	3	5.7
41I	873751	78	27	18	21	4	0.2	90	1.0	<	0.76	125	50.8	5.0	80	10	0.6	<	<	10.0	-	-	90	<	2.2	0.72	2	5.4
41I	873752	108	35	20	25	9	0.3	191	2.0	2	3.02	135	28.2	10.8	150	52	0.6	0.2	<	10.0	-	-	100	0.25	3.6	1.00	5	5.8
41I	873753	127	35	17	21	8	<	174	1.0	<	2.28	125	25.8	3.9	120	37	0.5	<	<	10.0	-	-	70	<	3.0	0.72	2	5.5
41I	873754	112	27	11	21	15	0.2	358	1.0	2	4.32	110	19.2	12.7	125	49	0.2	<	1	10.0	-	-	80	0.24	2.6	0.80	2	5.8
41I	873755	105	27	10	20	11	0.3	248	1.0	3	2.86	115	30.0	21.6	150	42	0.4	0.2	<	10.0	-	-	90	0.06	2.0	0.68	1	5.4
41I	873756	56	14	10	14	3	<	58	1.0	<	0.45	65	41.8	3.7	50	14	0.5	<	<	10.0	-	-	70	0.12	3.0	0.92	4	5.8
41I	873757	118	28	17	15	5	0.3	133	1.0	<	0.91	180	55.8	8.0	65	44	0.5	0.2	3	10.0	-	-	80	<	2.4	0.68	1	4.9
41I	873758	94	27	27	22	9	<	210	2.0	<	2.26	150	24.4	6.8	105	43	0.8	0.2	<	10.0	-	-	80	0.10	2.8	0.80	3	5.6
41I	873759	124	44	5	18	11	<	160	<	2	1.04	150	58.2	1.5	85	20	0.6	<	2	10.0	-	-	60	<	3.4	0.76	2	5.5
41I	873760	117	27	14	14	6	<	494	2.0	<	2.66	150	33.0	5.2	80	40	0.5	0.2	<	10.0	-	-	50	0.06	3.6	1.00	5	5.8
41I	873762	122	36	25	14	8	0.2	250	1.0	<	1.75	220	45.2	1.8	95	47	0.7	0.2	<	10.0	-	-	70	<	3.2	0.92	4	5.7
41I	873763	121	34	20	12	8	0.2	257	1.0	<	1.75	220	45.8	2.1	100	43	0.5	<	<	10.0	-	-	60	0.08	3.4	0.92	4	5.8
41I	873764	73	21	8	11	7	0.3	105	1.0	<	1.87	65	27.8	1.5	110	55	0.2	0.2	2	10.0	-	-	60	<	3.6	1.00	5	5.8
41I	873765	101	28	30	19	8	0.3	188	2.0	<	1.85	155	28.4	4.1	135	38	0.8	0.2	2	10.0	-	-	60	0.08	3.6	1.10	5	5.8
41I	873766	122	31	9	17	13	<	350	1.0	<	3.22	160	27.0	2.9	120	42	0.5	<	<	10.0	-	-	60	0.11	3.8	1.10	6	5.8
41I	873767	131	41	17	11	11	0.2	994	1.0	3	11.98	90	42.6	5.0	70	136	0.2	0.2	1	10.0	-	-	60	0.07	4.2	1.20	7	5.9
41I	873768	93	25	19	23	10	<	277	2.0	<	1.47	90	24.8	3.0	145	26	1.0	0.2	<	10.0	-	-	60	0.06	3.6	1.00	5	5.8
41I	873769	151	43	22	18	12	0.2	304	2.0	<	3.04	220	47.2	3.6	140	85	0.9	<	1	10.0	-	-	50	<	2.8	0.92	4	5.8
41I	873770	133	33	31	25	13	<	268	2.0	<	3.42	220	31.8	2.6	155	70	0.9	0.2	3	10.0	-	-	50	<	4.2	1.20	8	5.9
41I	873771	130	42	14	18	9	<	403	1.0	<	3.88	100	33.8	4.5	155	43	0.6	<	<	10.0	-	-	50	<	3.0	0.64	4	5.8
41I	873772	95	23	11	18	2	<	159	1.0	<	0.83	160	57.0	1.6	80	10	1.0	<	<	10.0	-	-	60	<	3.8	1.00	8	5.8
41I	873773	132	37	18	32	4	<	58	1.0	<	0.33	100	55.6	2.9	95	12	1.1	<	<	10.0	-	-	50	<	1.6	0.76	3	5.6
41I	873774	142	50	39	21	9	<	361	3.0	3	1.79	165	48.6	23.8	140	37	0.8	0.3	1	10.0	-	-	60	0.08	2.8	0.72	4	5.7
41I	873775	112	31	15	21	6	<	304	2.0	<	1.54	120	29.0	14.8	140	28	0.8	<	3	10.0	-	-	100	0.17	3.6	1.00	6	5.8
41I	873776	141	43	22	46	15	<	380	2.0	2	4.53	120	20.2	11.7	210	47	0.5	0.2	1	10.0	-	-	60	0.07	2.6	0.56	3	5.7
41I	873777	63	26	7	20	6	<	56	<	2	0.56	65	39.0	14.6	90	18	0.4	<	<	10.0	-	-	90	0.08	2.6	0.68	2	5.6

Field Data

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
41I	873778	17	473414	5176380	LPAD	04	.25-1	4	-	Md	-	Br	-
41I	873779	17	470683	5172599	ACSP	02	.25-1	15	-	Hi	-	Br	-
41I	873782	17	471714	5168769	ACSP	02	.25-1	3	10	Md	-	Br	-
41I	873783	17	471714	5168769	ACSP	02	.25-1	3	20	Md	-	Br	-
41I	873784	17	472056	5165277	MPSG	04	pond	6	-	Hi	-	Br	-
41I	873785	17	469664	5157698	MPWG	04	pond	1	-	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Ontario, 1988, GSC OF-1639, NGR 104-1988, NTS 41H, 41I
Analytical Data

	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	U-W	Ca-W	Mg-W	Alk-W	pH
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	gm	ppb	ppb	ppm	ppm	ppm	
	Detection Limit:	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0	0.5	20	5	0.2	0.2	1-var	wght	1-var	wght	20	0.05	0.5	0.05	1	
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt		rpt	ISE	LIF	AAS	AAS	Tit	GCM
41I	873778	112	33	5	27	6	<	53	1.0	2	0.41	95	52.0	5.4	90	16	0.6	<	<	10.0	-	-	80	<	1.8	0.40	<	4.7
41I	873779	119	45	19	24	5	0.2	112	2.0	<	0.94	90	40.2	5.1	125	28	0.8	0.2	2	10.0	-	-	60	0.10	2.6	0.76	3	5.7
41I	873782	142	29	4	26	8	<	334	<	<	1.48	65	56.4	1.7	100	22	0.3	<	<	10.0	-	-	90	<	165.0	14.00	<	4.4
41I	873783	126	29	3	26	9	<	457	<	<	1.29	65	56.6	1.8	100	23	0.4	<	<	10.0	-	-	80	0.23	175.0	13.20	<	4.4
41I	873784	138	42	16	55	9	<	97	4.0	<	0.57	125	48.2	1.0	95	18	0.7	0.2	<	10.0	-	-	90	<	2.2	0.48	<	4.6
41I	873785	157	30	7	26	2	<	65	1.0	<	0.26	130	64.0	1.2	70	10	1.2	<	3	10.0	-	-	50	<	6.8	0.76	7	5.9

Summary Statistics for Total Data Set

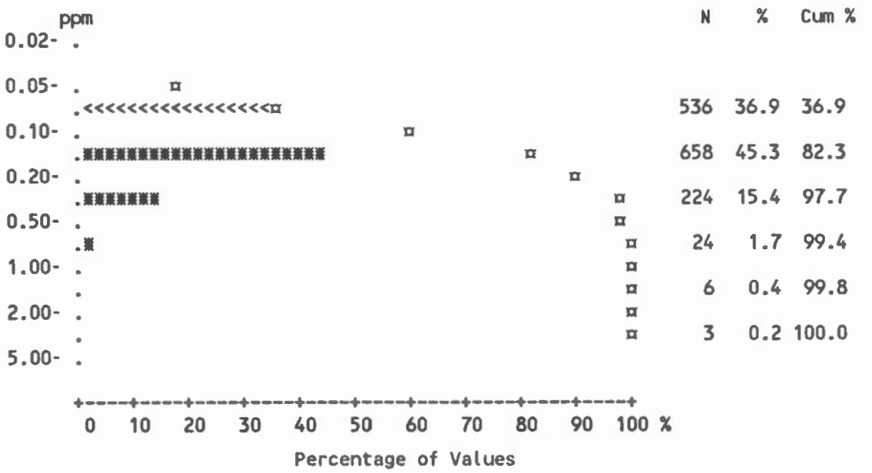
Variable	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct
Detection Limit	2	2	2	2	2	0.2	5	1	2	0.02	10	1.0
Analytical Method	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV
Number of Values	1451	1451	1451	1451	1451	1451	1451	1449	1451	1451	1451	1451
Values > D.L.	1451	1451	1449	1451	1444	167	1451	1305	247	1451	1451	1449
Number of Missing Values	0	0	0	0	0	0	0	2	0	0	0	0
Mean	134.03	63.20	22.51	82.88	12.87	0.1471	326.76	3.88	1.35	2.14	139.01	32.50
Standard Deviation	58.50	148.49	22.71	333.31	13.12	0.2204	529.95	14.56	1.13	1.39	65.45	17.37
Skewness	2.87	12.80	7.36	14.07	6.92	13.11	8.92	22.60	5.99	2.39	1.08	0.1628
Excess Kurtosis	24.31	207.06	94.07	262.24	81.77	261.93	107.47	612.62	53.85	14.48	4.53	-0.6713
Coef. of Var. %	43.65	234.96	100.87	402.17	101.88	149.88	162.19	375.75	83.42	64.96	47.09	53.43
Std Error of the Mean	1.54	3.90	0.5961	8.75	0.3443	0.0058	13.91	0.3826	0.0297	0.0365	1.72	0.4559
Lower 95% limit on Mean	131.02	55.55	21.34	65.71	12.20	0.1357	299.46	3.13	1.30	2.07	135.64	31.60
Upper 95% limit on Mean	137.04	70.85	23.68	100.04	13.55	0.1584	354.05	4.63	1.41	2.21	142.38	33.39
Geometric Statistics												
Mean	123.09	41.98	17.37	36.85	10.04	0.1180	215.57	2.13	1.19	1.75	122.76	26.17
Log10 Mean	2.09	1.62	1.24	1.57	1.00	-0.9282	2.33	0.3292	0.0744	0.2431	2.09	1.42
Log10 S.D.	0.1835	0.3042	0.3033	0.3957	0.2934	0.2129	0.3662	0.3904	0.1823	0.2915	0.2326	0.3333
Log10 Std. Error of Mean	0.0048	0.0080	0.0080	0.0104	0.0077	0.0056	0.0096	0.0103	0.0048	0.0077	0.0061	0.0088
Lower 95% limit on Mean	120.44	40.49	16.76	35.16	9.70	0.1150	206.41	2.04	1.16	1.69	119.42	25.16
Upper 95% limit on Mean	125.80	43.52	18.01	38.62	10.39	0.1210	225.14	2.24	1.21	1.81	126.19	27.23
Percentiles												
Min Value	17.00	3.00	1.00	3.00	1.00	0.1000	12.00	0.5000	1.00	0.1000	10.00	0.5000
25th %tile	97.00	28.00	11.00	21.00	7.00	0.1000	120.00	1.00	1.00	1.20	95.00	19.00
50th %tile	130.00	38.00	17.00	33.00	10.00	0.1000	220.00	2.00	1.00	1.90	135.00	33.00
75th %tile	161.00	55.00	28.00	52.00	15.00	0.1000	360.00	4.00	1.00	2.90	180.00	46.00
80th %tile	171.00	62.00	30.00	60.00	17.00	0.2000	410.00	4.00	1.00	3.10	190.00	48.00
90th %tile	193.00	91.00	41.00	104.00	21.00	0.3000	570.00	6.00	2.00	3.80	220.00	55.00
95th %tile	224.00	144.00	52.00	190.00	27.00	0.4000	810.00	9.00	3.00	4.40	245.00	61.00
98th %tile	261.00	290.00	75.00	463.00	45.00	0.6000	1580.00	16.00	5.00	5.20	285.00	67.00
99th %tile	294.00	576.00	99.00	1450.00	70.00	0.8000	2320.00	29.00	6.00	6.60	310.00	73.00
Max Value	823.00	3030.00	401.00	8000.00	240.00	5.50	8460.00	440.00	18.00	15.10	650.00	86.00

Summary Statistics for Total Data Set

Variable	U	F	V	Cd	Sb	F-W	pH	U-W	Mg-W	Ca-W	Alk-W	Au
Units	ppm	ppm	ppm	ppm	ppm	ppb		ppb	ppm	ppm	ppm	ppb
Detection Limit	0.5	20	5	0.2	0.2	20		0.05	0.05	0.5	1	1-var
Analytical Method	NADNC	ISE	AAS	AAS	AAS	ISE	GCM	LIF	AAS	AAS	Tit	FA-NA
Number of Values	1451	1450	1451	1451	1451	1451	1451	1451	1451	1451	1451	1451
Values > D.L.	1450	1445	1449	1285	257	1451	1451	246	1451	1451	1281	744
Number of Missing Values	0	1	0	0	0	0	0	0	0	0	0	0
Mean	5.97	150.77	30.22	0.8781	0.1574	52.67	5.69	0.0461	1.68	6.23	10.65	2.86
Standard Deviation	11.51	79.28	17.16	0.8510	0.1810	31.36	0.5784	0.1159	2.76	16.39	19.70	16.56
Skewness	6.50	1.32	4.79	14.01	8.32	12.77	-0.6464	25.88	7.46	14.83	4.87	19.29
Excess Kurtosis	68.83	2.63	54.93	356.85	109.67	241.44	1.44	841.09	75.20	269.03	29.63	414.50
Coef. of Var. %	192.86	52.58	56.80	96.91	115.02	59.54	10.16	251.34	164.79	263.09	184.86	578.62
Std Error of the Mean	0.3023	2.08	0.4506	0.0223	0.0048	0.8233	0.0152	0.0030	0.0725	0.4303	0.5171	0.4347
Lower 95% limit on Mean	5.38	146.68	29.33	0.8343	0.1481	51.06	5.66	0.0401	1.53	5.39	9.64	2.01
Upper 95% limit on Mean	6.56	154.85	31.10	0.9219	0.1667	54.29	5.72	0.0521	1.82	7.07	11.67	3.71
Geometric Statistics												
Mean	3.25	132.24	26.75	0.6561	0.1267	49.49	5.66	0.0324	1.14	4.07	4.44	1.13
Log10 Mean	0.5117	2.12	1.43	-0.1830	-0.8971	1.69	0.7530	-1.49	0.0553	0.6100	0.6474	0.0516
Log10 S.D.	0.3949	0.2274	0.2152	0.3655	0.2327	0.1336	0.0465	0.2700	0.3203	0.3053	0.5763	0.4294
Log10 Std. Error of Mean	0.0104	0.0060	0.0057	0.0096	0.0061	0.0035	0.0012	0.0071	0.0084	0.0080	0.0151	0.0113
Lower 95% limit on Mean	3.10	128.72	26.08	0.6282	0.1233	48.71	5.63	0.0314	1.09	3.93	4.15	1.07
Upper 95% limit on Mean	3.40	135.85	27.45	0.6851	0.1303	50.28	5.69	0.0334	1.18	4.22	4.75	1.19
Percentiles												
Min Value	0.2500	10.00	2.50	0.1000	0.1000	20.00	3.80	0.0250	0.2800	1.00	0.5000	0.5000
25th %tile	1.80	90.00	19.00	0.5000	0.1000	40.00	5.50	0.0250	0.6800	2.60	2.00	0.5000
50th %tile	2.50	135.00	27.00	0.8000	0.2000	50.00	5.80	0.0250	1.00	3.60	5.00	1.00
75th %tile	4.40	190.00	38.00	1.10	0.2000	60.00	6.00	0.0250	1.70	5.60	11.00	2.00
80th %tile	5.40	210.00	41.00	1.20	0.2000	60.00	6.10	0.0250	2.00	6.40	14.00	3.00
90th %tile	12.40	255.00	48.00	1.60	0.3000	70.00	6.20	0.0900	2.72	8.80	21.00	4.00
95th %tile	26.70	300.00	55.00	1.90	0.4000	80.00	6.40	0.1500	4.60	16.00	39.00	6.00
98th %tile	42.70	360.00	64.00	2.50	0.6000	100.00	6.80	0.2200	7.20	28.00	70.00	12.00
99th %tile	55.30	415.00	76.00	3.00	0.7000	130.00	7.10	0.3100	16.80	38.00	114.00	28.00
Max Value	193.00	605.00	280.00	23.70	3.30	780.00	7.80	3.90	45.00	380.00	189.00	400.00

Statistics per Variable

Variable - Antimony [Sb]
Number of Values - 1451
Units - ppm
Detection Limit - 0.2
Analytical Method - AAS



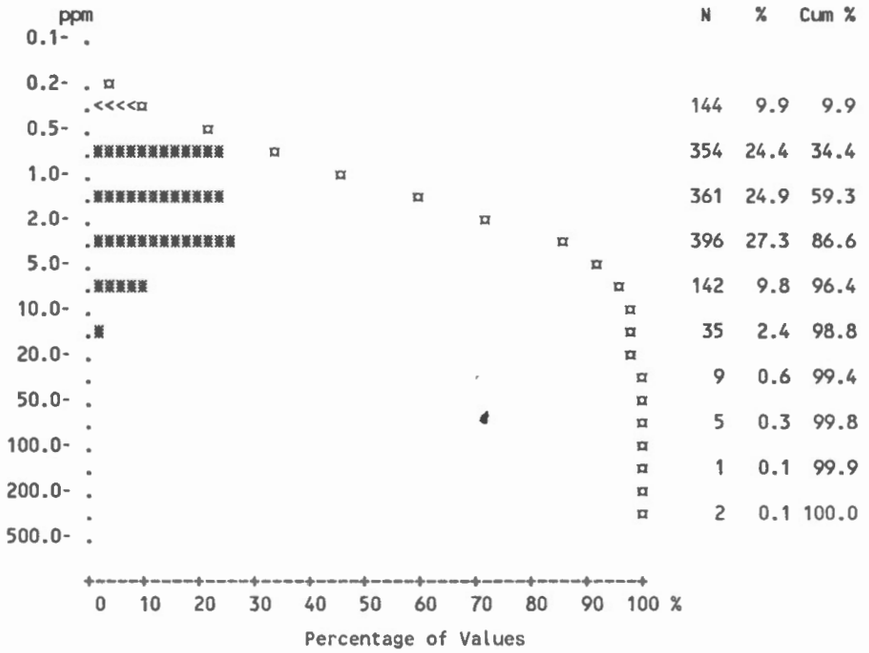
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	257	28	0	2	4	7	2	36	2	24	21	11	9	74	16	6	7	4
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.16	0.13	-	0.14	0.17	0.15	0.15	0.15	0.19	0.20	0.22	0.14	0.14	0.15	0.27	0.40	0.20	0.13
Standard Deviation	0.18	0.10	-	0.081	0.11	0.12	0.10	0.12	0.30	0.35	0.38	0.11	0.085	0.11	0.24	0.47	0.22	0.069
Skewness	8.32	5.02	-	1.43	0.78	2.08	1.58	2.49	3.23	7.50	5.15	2.64	1.95	3.46	1.32	1.30	2.66	2.05
Excess Kurtosis	109.67	33.28	-	0.076	-1.24	3.46	0.80	6.31	9.63	62.70	28.92	6.84	2.22	20.41	0.94	0.035	7.69	2.28
Coef. of Var. %	115.02	79.20	-	59.33	65.04	78.90	71.21	81.14	160.80	172.27	173.07	76.37	62.10	76.02	88.19	116.29	108.87	54.59
Std. Error of the Mean	0.00	0	-	0.024	0.033	0.020	0.031	0	0.064	0.037	0.040	0.014	0.011	0	0.040	0.13	0.041	0.013
Lower 95% limit on Mean	0.15	0.12	-	0.082	0.10	0.11	0.076	0.14	0.053	0.13	0.14	0.12	0.11	0.14	0.19	0.10	0.12	0.10
Upper 95% limit on Mean	0.17	0.14	-	0.19	0.25	0.19	0.22	0.17	0.32	0.28	0.30	0.17	0.16	0.16	0.35	0.70	0.28	0.15
Geometric Statistics																		
Mean	0.13	0.11	-	0.12	0.15	0.13	0.13	0.13	0.12	0.14	0.14	0.12	0.12	0.13	0.19	0.24	0.15	0.12
Log10 Mean	-0.90	-0.95	-	-0.91	-0.83	-0.89	-0.90	-0.89	-0.91	-0.84	-0.84	-0.91	-0.92	-0.90	-0.71	-0.62	-0.83	-0.94
Log10 S.D.	0.23	0.17	-	0.19	0.25	0.23	0.22	0.23	0.30	0.29	0.31	0.21	0.19	0.21	0.35	0.44	0.30	0.16
Log10 Std. Error of Mean	0.01	0	-	0.058	0.073	0.038	0.066	0.016	0.063	0.030	0.033	0.026	0.026	0.011	0.058	0.13	0.057	0.030
Lower 95% limit on Mean	0.12	0.11	-	0.091	0.10	0.11	0.089	0.12	0.091	0.13	0.12	0.11	0.11	0.12	0.15	0.12	0.11	0.10
Upper 95% limit on Mean	0.13	0.12	-	0.16	0.21	0.15	0.18	0.14	0.17	0.17	0.17	0.14	0.14	0.13	0.25	0.45	0.19	0.13
Percentiles																		
Min Value	0.10	0.10	-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
25th %tile	0.10	0.10	-	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.10
50th %tile	0.20	0.10	-	0.10	0.10	0.20	0.20	0.20	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
75th %tile	0.20	0.20	-	0.20	0.30	0.20	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.40	0.40	0.20	0.20
80th %tile	0.20	0.20	-	0.20	0.30	0.20	0.20	0.20	0.20	0.30	0.30	0.20	0.20	0.20	0.40	0.50	0.40	0.20
90th %tile	0.30	0.20	-	0.30	0.30	0.40	0.30	0.30	0.20	0.40	0.40	0.30	0.30	0.30	0.60	1.30	0.40	0.30
95th %tile	0.40	0.30	-	0.30	0.40	0.40	0.40	0.40	0.70	0.50	0.60	0.30	0.30	0.40	0.80	1.40	0.50	0.30
98th %tile	0.60	0.40	-	0.30	0.40	0.60	0.40	0.60	1.40	0.60	2.20	0.60	0.40	0.40	1.00	1.40	1.10	0.30
99th %tile	0.70	0.50	-	0.30	0.40	0.60	0.40	0.70	1.40	3.30	2.80	0.60	0.40	0.50	1.00	1.40	1.10	0.30
Max Value	3.30	1.10	-	0.30	0.40	0.60	0.40	0.80	1.40	3.30	2.80	0.60	0.40	1.20	1.00	1.40	1.10	0.30

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Arsenic [As]
Number of Values - 1449
Units - ppm
Detection Limit - 1
Analytical Method - AAS



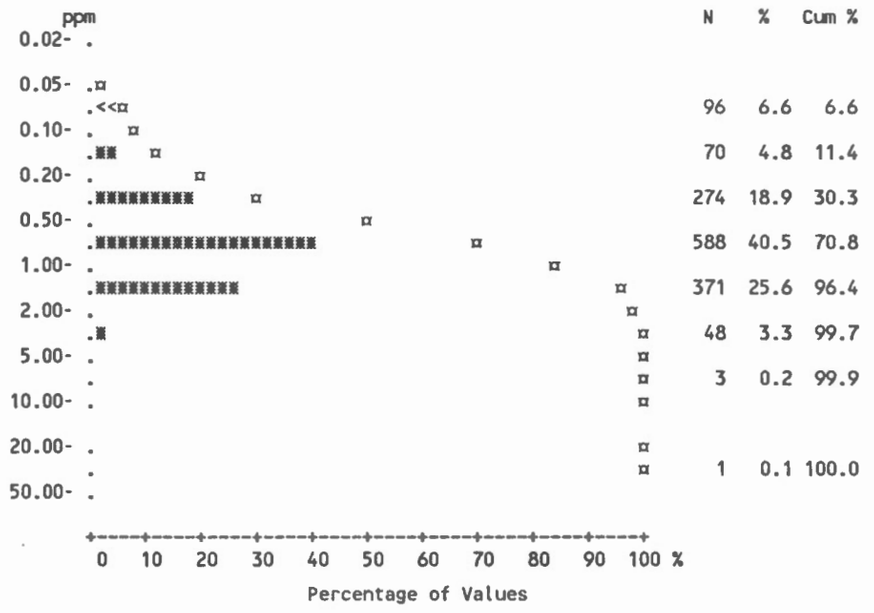
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1449	307	25	11	12	37	11	196	22	91	89	65	55	396	36	12	28	30
Number of Values > D.L.	1305	243	21	8	12	33	10	185	20	86	86	61	50	371	35	11	26	24
Number of Missing Values	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Mean	3.88	1.92	1.60	1.95	6.17	2.08	5.14	2.78	6.41	3.95	14.33	4.82	3.43	2.85	8.29	19.46	4.57	1.77
Standard Deviation	14.56	1.89	0.84	2.16	13.31	1.41	9.63	2.23	13.42	7.48	53.41	14.42	2.55	2.55	9.55	22.66	3.31	1.28
Skewness	22.60	2.95	0.70	1.89	2.55	1.52	2.41	2.78	2.70	7.62	6.67	7.24	0.94	4.21	3.66	1.12	0.51	1.28
Excess Kurtosis	612.62	12.97	0.51	2.63	5.15	2.42	4.34	11.67	5.97	63.98	46.62	53.31	0.048	32.73	15.89	-0.17	-0.98	1.64
Coef. of Var. %	375.75	98.48	52.60	110.60	215.78	67.84	187.56	80.25	209.47	189.27	372.69	299.53	74.41	89.51	115.23	116.47	72.47	72.72
Std. Error of the Mean	0.38	0.11	0.17	0.65	3.84	0.23	2.90	0.16	2.86	0.78	5.66	1.79	0.34	0.13	1.59	6.54	0.63	0.23
Lower 95% limit on Mean	3.13	1.71	1.25	0.50	-2.29	1.61	-1.34	2.46	0.46	2.39	3.08	1.24	2.74	2.60	5.06	5.06	3.29	1.29
Upper 95% limit on Mean	4.63	2.13	1.95	3.41	14.62	2.55	11.61	3.09	12.36	5.51	25.59	8.39	4.12	3.10	11.53	33.86	5.86	2.25
Geometric Statistics																		
Mean	2.13	1.39	1.38	1.33	2.35	1.70	2.48	2.18	2.44	2.53	4.47	2.27	2.51	2.15	5.56	9.30	3.26	1.38
Log10 Mean	0.33	0.14	0.14	0.13	0.37	0.23	0.39	0.34	0.39	0.40	0.65	0.36	0.40	0.33	0.75	0.97	0.51	0.14
Log10 S.D.	0.39	0.34	0.25	0.38	0.52	0.29	0.47	0.30	0.52	0.36	0.50	0.42	0.37	0.33	0.40	0.62	0.40	0.31
Log10 Std. Error of Mean	0.01	0.019	0.051	0.11	0.15	0.047	0.14	0.021	0.11	0.037	0.053	0.052	0.050	0.016	0.067	0.18	0.076	0.057
Lower 95% limit on Mean	2.04	1.27	1.08	0.75	1.11	1.36	1.21	1.98	1.44	2.13	3.50	1.78	2.00	2.00	4.06	3.77	2.28	1.06
Upper 95% limit on Mean	2.24	1.51	1.76	2.39	5.01	2.11	5.11	2.41	4.14	3.01	5.70	2.89	3.16	2.32	7.61	22.94	4.67	1.81
Percentiles																		
Min Value	0.50	0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
25th %tile	1.00	1.00	1.00	0.50	1.00	1.00	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	3.00	2.00	1.00
50th %tile	2.00	1.00	2.00	1.00	1.00	2.00	3.00	2.00	2.00	2.00	4.00	2.00	3.00	2.00	6.00	9.00	3.00	1.00
75th %tile	4.00	2.00	2.00	2.00	5.00	2.00	3.00	3.00	3.00	4.00	7.00	4.00	5.00	4.00	9.00	18.00	7.00	3.00
80th %tile	4.00	3.00	2.00	2.00	5.00	3.00	3.00	4.00	4.00	5.00	9.00	5.00	5.00	4.00	12.00	44.00	8.00	3.00
90th %tile	6.00	4.00	2.00	3.00	6.00	4.00	4.00	5.00	8.00	7.00	17.00	7.00	8.00	5.00	15.00	47.00	10.00	3.00
95th %tile	9.00	6.00	3.00	8.00	48.00	5.00	34.00	7.00	40.00	10.00	28.00	10.00	9.00	7.00	18.00	72.00	10.00	4.00
98th %tile	16.00	7.00	4.00	8.00	48.00	7.00	34.00	9.00	54.00	13.00	250.00	15.00	10.00	9.00	57.00	72.00	12.00	6.00
99th %tile	29.00	9.00	4.00	8.00	48.00	7.00	34.00	16.00	54.00	70.00	440.00	117.00	10.00	10.00	57.00	72.00	12.00	6.00
Max Value	440.00	16.00	4.00	8.00	48.00	7.00	34.00	16.00	54.00	70.00	440.00	117.00	10.00	29.00	57.00	72.00	12.00	6.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Cadmium [Cd]
Number of Values - 1451
Units - ppm
Detection Limit - 0.2
Analytical Method - AAS



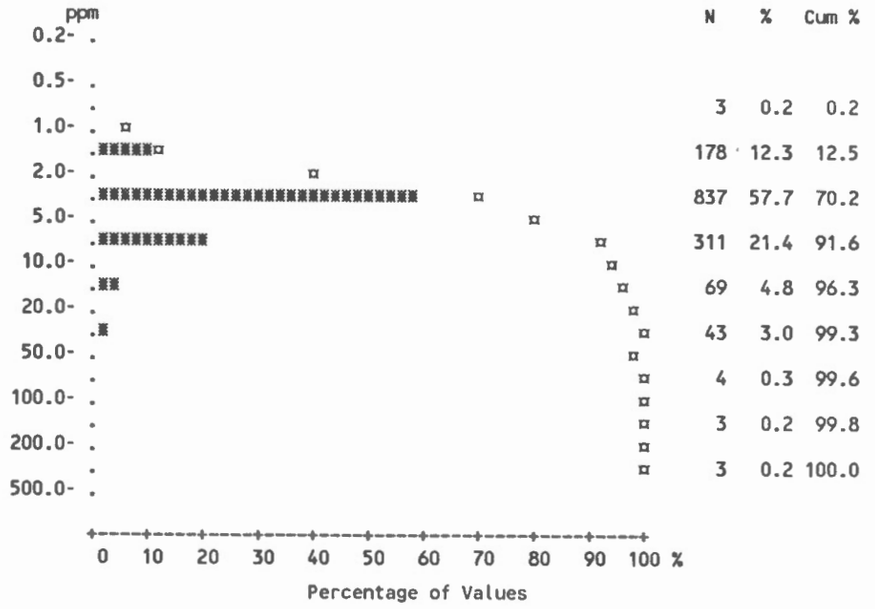
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1285	277	21	10	10	36	10	164	18	80	73	51	51	368	33	10	26	23
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.88	0.77	0.67	1.14	1.14	1.05	0.78	0.72	0.98	0.87	1.15	0.82	0.89	0.91	1.24	1.72	1.14	0.72
Standard Deviation	0.85	0.48	0.47	1.44	1.11	0.59	0.38	0.51	0.80	0.59	2.52	0.88	0.45	0.48	0.86	1.49	0.81	0.49
Skewness	14.01	1.48	0.97	2.28	0.86	0.92	-0.060	1.25	1.09	1.07	8.05	3.93	0.47	0.70	1.32	0.73	1.04	0.46
Excess Kurtosis	356.85	4.89	0.53	3.95	-0.89	0.74	-0.66	2.38	0.97	1.51	68.97	20.86	-0.083	1.31	1.85	-0.14	0.98	-0.28
Coef. of Var. %	96.91	61.61	70.00	127.05	97.21	56.15	48.81	71.68	81.92	67.97	219.10	107.21	50.34	53.55	69.33	86.49	70.72	67.79
Std. Error of the Mean	0.02	0.027	0.094	0.44	0.32	0.097	0.12	0.037	0.17	0.062	0.27	0.11	0.061	0.024	0.14	0.43	0.15	0.090
Lower 95% limit on Mean	0.83	0.72	0.48	0.17	0.44	0.86	0.53	0.64	0.62	0.74	0.62	0.60	0.77	0.86	0.95	0.78	0.83	0.54
Upper 95% limit on Mean	0.92	0.82	0.87	2.11	1.85	1.25	1.04	0.79	1.33	0.99	1.68	1.04	1.02	0.95	1.53	2.67	1.45	0.91
Geometric Statistics																		
Mean	0.66	0.62	0.51	0.74	0.68	0.89	0.65	0.53	0.64	0.65	0.63	0.54	0.75	0.74	0.94	0.96	0.85	0.51
Log10 Mean	-0.18	-0.21	-0.30	-0.13	-0.17	-0.053	-0.19	-0.28	-0.19	-0.19	-0.20	-0.27	-0.12	-0.13	-0.028	-0.018	-0.071	-0.29
Log10 S.D.	0.37	0.33	0.37	0.41	0.51	0.28	0.32	0.38	0.47	0.38	0.46	0.44	0.30	0.32	0.38	0.59	0.38	0.43
Log10 Std. Error of Mean	0.01	0.019	0.074	0.12	0.15	0.047	0.098	0.027	0.099	0.039	0.049	0.054	0.041	0.016	0.063	0.17	0.072	0.079
Lower 95% limit on Mean	0.63	0.57	0.35	0.40	0.32	0.71	0.40	0.46	0.40	0.54	0.50	0.42	0.62	0.69	0.70	0.40	0.60	0.35
Upper 95% limit on Mean	0.69	0.67	0.72	1.39	1.42	1.10	1.08	0.59	1.03	0.78	0.79	0.69	0.91	0.80	1.26	2.28	1.19	0.74
Percentiles																		
Min Value	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
25th %tile	0.50	0.50	0.40	0.60	0.30	0.70	0.60	0.40	0.40	0.40	0.40	0.40	0.60	0.60	0.70	0.30	0.40	0.30
50th %tile	0.80	0.70	0.50	0.70	0.70	0.90	0.90	0.60	0.90	0.80	0.80	0.70	0.80	0.90	1.10	2.00	1.00	0.70
75th %tile	1.10	1.00	1.00	1.00	1.30	1.40	1.00	1.00	1.30	1.20	1.20	1.00	1.20	1.20	1.40	2.30	1.60	1.00
80th %tile	1.20	1.10	1.00	1.00	2.60	1.50	1.00	1.10	1.40	1.30	1.50	1.00	1.30	1.20	1.70	2.40	1.80	1.10
90th %tile	1.60	1.40	1.30	1.10	2.60	1.80	1.00	1.40	1.80	1.60	1.90	1.40	1.50	1.60	2.50	2.80	2.10	1.20
95th %tile	1.90	1.60	1.50	5.40	3.40	2.50	1.50	1.60	2.30	2.00	2.60	2.00	1.80	1.80	3.00	5.20	2.50	1.60
98th %tile	2.50	1.90	2.00	5.40	3.40	2.80	1.50	2.20	3.30	2.60	3.90	3.00	1.90	2.00	4.10	5.20	3.60	2.00
99th %tile	3.00	2.30	2.00	5.40	3.40	2.80	1.50	2.50	3.30	3.10	23.70	6.30	2.10	2.20	4.10	5.20	3.60	2.00
Max Value	23.70	3.60	2.00	5.40	3.40	2.80	1.50	3.10	3.30	3.10	23.70	6.30	2.10	3.20	4.10	5.20	3.60	2.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Calcium in Water [Ca-W]
Number of Values - 1451
Units - ppm
Detection Limit - 0.5
Analytical Method - AAS

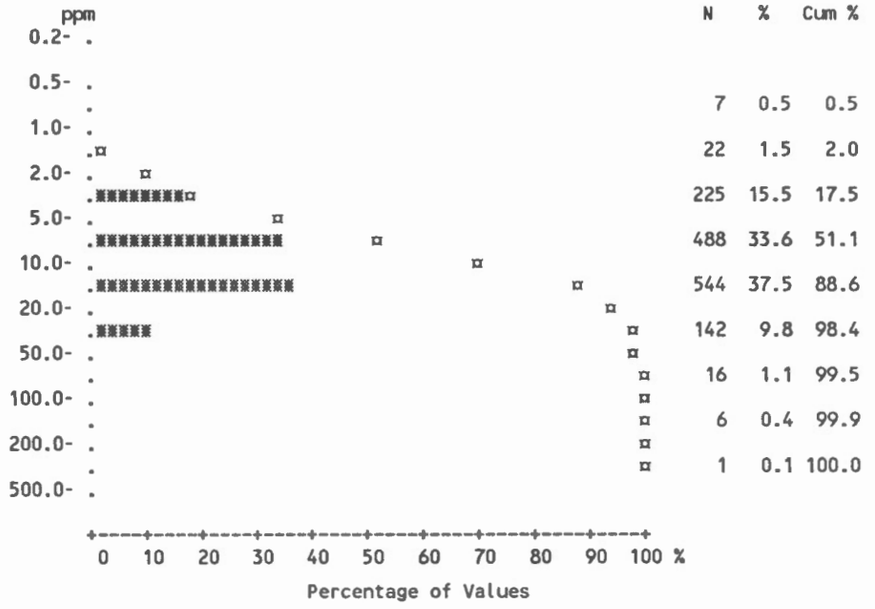


	All Units*	ACSP	MPC	MPGF	MPHL	MPND	MPS
Number of Values	269	34	40	25	32	15	58
Number of Values > D.L.	214	20	30	23	29	12	48
Number of Missing Values	1182	274	156	66	57	50	339
Mean	6.96	2.71	3.50	14.16	19.17	3.57	3.36
Standard Deviation	26.40	5.09	4.35	38.93	64.64	3.02	4.84
Skewness	11.06	4.52	2.41	3.75	4.99	0.71	4.58
Excess Kurtosis	138.88	21.42	5.71	13.76	24.12	-1.03	25.16
Coef. of Var. %	379.46	187.95	124.41	274.91	337.16	84.75	144.05
Std. Error of the Mean	1.61	0.87	0.69	7.79	11.43	0.78	0.64
Lower 95% limit on Mean	3.79	0.93	2.11	-1.91	-4.14	1.89	2.09
Upper 95% limit on Mean	10.13	4.48	4.89	30.23	42.48	5.24	4.64
Geometric Statistics							
Mean	2.47	1.39	2.00	3.50	5.37	2.36	2.05
Log10 Mean	0.39	0.14	0.30	0.54	0.73	0.37	0.31
Log10 S.D.	0.53	0.46	0.46	0.62	0.58	0.44	0.42
Log10 Std. Error of Mean	0.03	0.079	0.073	0.12	0.10	0.11	0.055
Lower 95% limit on Mean	2.14	0.96	1.42	1.95	3.31	1.34	1.59
Upper 95% limit on Mean	2.86	2.01	2.82	6.28	8.71	4.15	2.64
Percentiles							
Min Value	1.00	1.20	1.00	1.20	2.00	1.60	1.00
25th %tile	2.60	2.40	2.40	2.20	3.80	3.20	2.40
50th %tile	3.60	3.00	3.20	4.20	5.40	4.00	3.80
75th %tile	5.60	3.60	4.80	7.80	8.40	5.40	5.60
80th %tile	6.40	3.60	5.40	8.20	10.00	5.60	6.40
90th %tile	8.80	4.20	7.00	13.60	15.60	7.20	8.00
95th %tile	16.00	5.40	18.40	23.00	20.00	8.80	10.20
98th %tile	28.00	8.40	27.00	83.00	140.00	10.20	15.00
99th %tile	38.00	9.20	38.00	380.00	240.00	20.00	20.00
Max Value	380.00	165.00	39.00	380.00	240.00	20.00	30.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Cobalt [Co]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



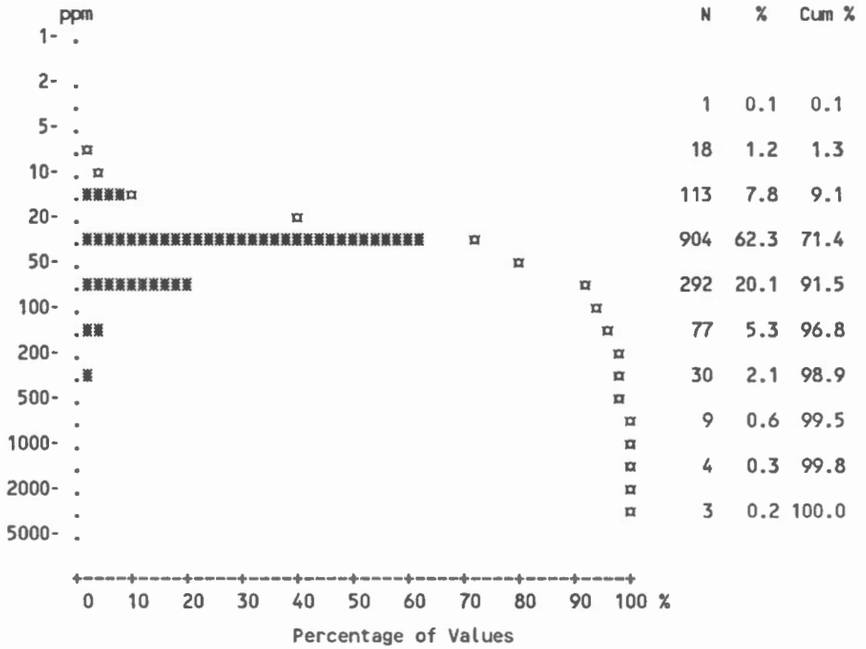
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1444	306	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	25
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	12.87	7.80	8.40	8.64	21.08	11.08	24.36	15.87	20.86	13.80	22.29	12.18	12.98	12.49	14.17	30.75	12.11	5.67
Standard Deviation	13.12	4.26	3.49	3.23	15.68	6.88	37.84	14.60	28.15	12.90	28.11	12.31	5.74	6.73	12.58	28.52	10.06	4.45
Skewness	6.92	1.73	1.32	0.25	0.58	0.96	2.43	3.90	2.50	4.14	5.56	6.16	0.96	1.41	3.58	1.01	1.72	0.82
Excess Kurtosis	81.77	5.14	2.52	-1.38	-1.31	0.54	4.41	19.88	5.47	23.57	38.24	42.67	2.04	3.97	15.53	-0.32	2.47	-0.56
Coef. of Var. %	101.88	54.62	41.52	37.44	74.38	62.06	155.31	92.00	134.91	93.45	126.09	101.02	44.24	53.92	88.82	92.73	83.06	78.56
Std. Error of the Mean	0.34	0.24	0.70	0.97	4.53	1.13	11.41	1.04	6.00	1.35	2.98	1.53	0.77	0.34	2.10	8.23	1.90	0.81
Lower 95% limit on Mean	12.20	7.32	6.96	6.46	11.12	8.79	-1.06	13.81	8.38	11.12	16.37	9.13	11.43	11.82	9.91	12.63	8.21	4.00
Upper 95% limit on Mean	13.55	8.28	9.84	10.81	31.05	13.38	49.78	17.92	33.35	16.49	28.22	15.23	14.53	13.15	18.43	48.87	16.01	7.33
Geometric Statistics																		
Mean	10.04	6.82	7.79	8.07	15.93	9.09	15.44	12.53	12.82	10.83	16.44	10.07	11.75	10.79	11.31	20.68	9.25	4.04
Log10 Mean	1.00	0.83	0.89	0.91	1.20	0.96	1.19	1.10	1.11	1.03	1.22	1.00	1.07	1.03	1.05	1.32	0.97	0.61
Log10 S.D.	0.29	0.23	0.17	0.17	0.35	0.29	0.35	0.28	0.40	0.29	0.30	0.25	0.20	0.25	0.28	0.41	0.32	0.38
Log10 Std. Error of Mean	0.01	0.013	0.034	0.052	0.10	0.048	0.10	0.020	0.086	0.030	0.032	0.031	0.027	0.012	0.047	0.12	0.061	0.070
Lower 95% limit on Mean	9.70	6.42	6.63	6.19	9.53	7.27	9.01	11.44	8.49	9.43	14.20	8.74	10.36	10.21	9.06	11.29	6.95	2.90
Upper 95% limit on Mean	10.39	7.23	9.17	10.52	26.61	11.35	26.45	13.73	19.35	12.43	19.03	11.59	13.33	11.41	14.10	37.85	12.32	5.62
Percentiles																		
Min Value	1.00	1.00	4.00	4.00	5.00	3.00	5.00	2.00	2.00	3.00	4.00	2.00	4.00	2.00	3.00	5.00	2.00	1.00
25th %tile	7.00	5.00	6.00	6.00	6.00	7.00	12.00	8.00	7.00	7.00	12.00	8.00	9.00	8.00	8.00	8.00	6.00	2.00
50th %tile	10.00	7.00	8.00	8.00	13.00	10.00	14.00	12.00	12.00	11.00	15.00	10.00	12.00	11.00	10.00	18.00	8.00	4.00
75th %tile	15.00	9.00	9.00	11.00	29.00	14.00	16.00	19.00	19.00	16.00	21.00	15.00	16.00	16.00	17.00	43.00	13.00	9.00
80th %tile	17.00	10.00	10.00	11.00	36.00	16.00	16.00	21.00	21.00	18.00	24.00	15.00	17.00	17.00	18.00	57.00	19.00	9.00
90th %tile	21.00	13.00	12.00	13.00	47.00	19.00	18.00	26.00	38.00	20.00	48.00	16.00	21.00	21.00	23.00	65.00	25.00	12.00
95th %tile	27.00	15.00	13.00	14.00	48.00	27.00	138.00	37.00	84.00	38.00	59.00	18.00	21.00	24.00	26.00	96.00	38.00	15.00
98th %tile	45.00	19.00	20.00	14.00	48.00	31.00	138.00	73.00	121.00	46.00	96.00	28.00	22.00	29.00	78.00	96.00	44.00	16.00
99th %tile	70.00	24.00	20.00	14.00	48.00	31.00	138.00	110.00	121.00	103.00	240.00	103.00	35.00	39.00	78.00	96.00	44.00	16.00
Max Value	240.00	32.00	20.00	14.00	48.00	31.00	138.00	114.00	121.00	103.00	240.00	103.00	35.00	50.00	78.00	96.00	44.00	16.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Copper [Cu]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



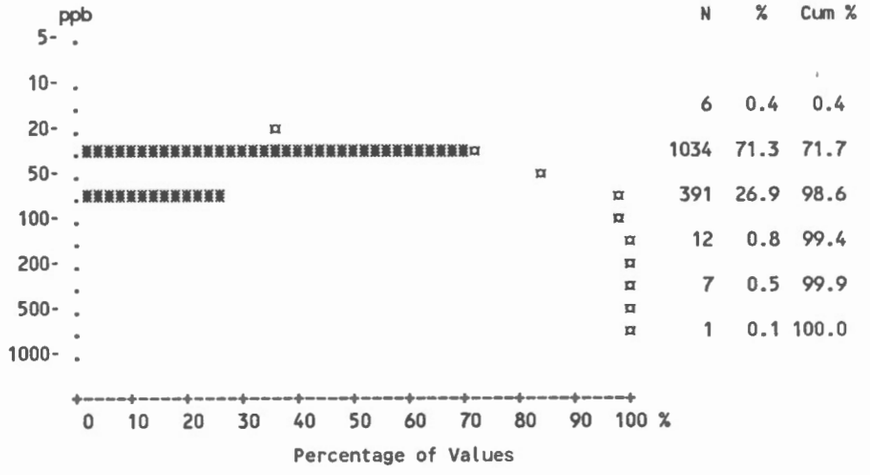
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	63.20	34.61	44.24	62.82	72.92	36.54	164.27	49.82	86.23	73.47	144.72	103.62	46.96	49.09	86.36	503.42	87.68	25.10
Standard Deviation	148.49	20.49	22.18	44.69	74.97	15.76	410.03	29.62	142.88	151.69	347.90	268.52	26.36	53.81	59.64	713.45	60.65	11.17
Skewness	12.80	2.66	1.69	1.76	1.80	1.16	2.46	3.26	3.03	4.95	6.69	7.23	3.26	7.09	1.65	2.07	2.01	0.57
Excess Kurtosis	207.06	10.35	2.71	2.15	2.20	0.84	4.51	16.70	9.01	26.14	50.79	53.09	13.53	71.29	2.36	3.39	4.43	-0.52
Coef. of Var. %	234.96	59.19	50.13	71.14	102.82	43.13	249.60	59.46	165.70	206.46	240.40	259.15	56.13	109.60	69.06	141.72	69.17	44.49
Std. Error of the Mean	3.90	1.17	4.44	13.48	21.64	2.59	123.63	2.12	30.46	15.90	36.88	33.31	3.55	2.70	9.94	205.95	11.46	2.04
Lower 95% limit on Mean	55.55	32.31	35.08	32.80	25.28	31.28	-111.17	45.64	22.87	41.87	71.41	37.08	39.84	43.78	66.17	50.11	64.16	20.93
Upper 95% limit on Mean	70.85	36.91	53.40	92.84	120.55	41.80	439.72	53.99	149.59	105.07	218.03	170.16	54.09	54.40	106.55	956.72	111.20	29.27
Geometric Statistics																		
Mean	41.98	30.36	40.31	53.74	53.02	33.68	53.85	44.13	46.02	40.74	73.58	62.21	42.64	39.47	71.19	257.08	73.97	22.68
Log10 Mean	1.62	1.48	1.61	1.73	1.72	1.53	1.73	1.64	1.66	1.61	1.87	1.79	1.63	1.60	1.85	2.41	1.87	1.36
Log10 S.D.	0.30	0.22	0.18	0.23	0.33	0.18	0.49	0.21	0.44	0.37	0.40	0.32	0.18	0.25	0.27	0.52	0.25	0.21
Log10 Std. Error of Mean	0.01	0.012	0.036	0.070	0.095	0.029	0.15	0.015	0.095	0.039	0.042	0.040	0.024	0.013	0.045	0.15	0.047	0.037
Lower 95% limit on Mean	40.49	28.70	33.92	37.45	32.68	29.42	25.33	41.26	29.26	34.15	60.61	51.84	38.15	37.27	57.59	120.44	59.37	19.01
Upper 95% limit on Mean	43.52	32.13	47.90	77.11	86.00	38.56	114.48	47.19	72.38	48.60	89.33	74.64	47.65	41.79	87.99	548.74	92.15	27.06
Percentiles																		
Min Value	3.00	6.00	22.00	32.00	23.00	13.00	22.00	9.00	8.00	9.00	10.00	11.00	19.00	3.00	17.00	55.00	30.00	7.00
25th %tile	28.00	22.00	28.00	36.00	31.00	29.00	31.00	33.00	29.00	26.00	42.00	40.00	33.00	29.00	41.00	80.00	46.00	18.00
50th %tile	38.00	30.00	36.00	41.00	37.00	34.00	40.00	43.00	40.00	34.00	57.00	58.00	41.00	37.00	71.00	271.00	73.00	22.00
75th %tile	55.00	41.00	49.00	76.00	64.00	40.00	60.00	55.00	54.00	49.00	104.00	83.00	55.00	50.00	94.00	395.00	106.00	33.00
80th %tile	62.00	44.00	58.00	76.00	85.00	42.00	60.00	62.00	84.00	57.00	127.00	93.00	58.00	55.00	95.00	748.00	113.00	33.00
90th %tile	91.00	51.00	71.00	85.00	151.00	64.00	62.00	80.00	196.00	117.00	275.00	114.00	69.00	77.00	183.00	855.00	176.00	41.00
95th %tile	144.00	71.00	87.00	185.00	282.00	73.00	1400.00	99.00	280.00	311.00	522.00	208.00	74.00	122.00	261.00	2610.00	201.00	47.00
98th %tile	290.00	103.00	118.00	185.00	282.00	82.00	1400.00	160.00	660.00	927.00	1030.00	347.00	131.00	189.00	271.00	2610.00	312.00	51.00
99th %tile	576.00	121.00	118.00	185.00	282.00	82.00	1400.00	178.00	660.00	1035.00	3030.00	2190.00	187.00	288.00	271.00	2610.00	312.00	51.00
Max Value	3030.00	160.00	118.00	185.00	282.00	82.00	1400.00	266.00	660.00	1035.00	3030.00	2190.00	187.00	725.00	271.00	2610.00	312.00	51.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Fluoride [F-W]
Number of Values - 1451
Units - ppb
Detection Limit - 20
Analytical Method - ISE



	N	%	Cum %
	6	0.4	0.4
	1034	71.3	71.7
	391	26.9	98.6
	12	0.8	99.4
	7	0.5	99.9
	1	0.1	100.0

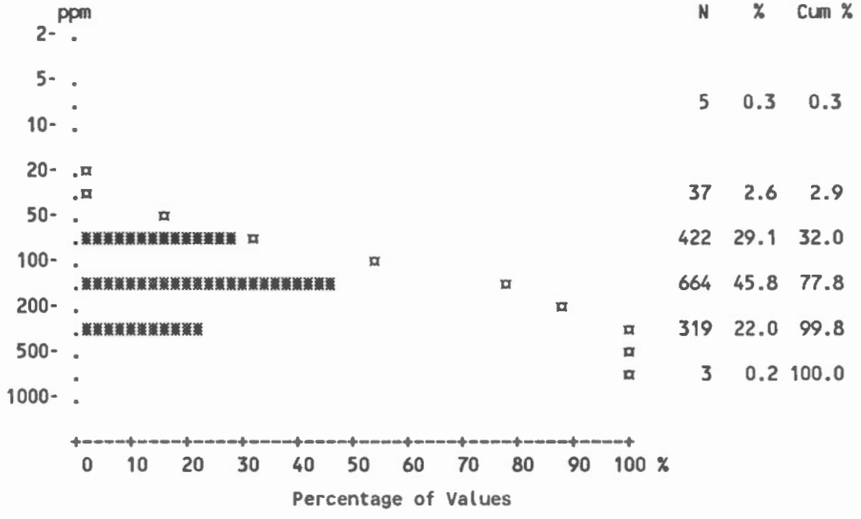
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	52.67	59.94	58.00	42.73	54.17	40.81	43.64	48.72	49.55	53.19	60.11	44.62	40.55	48.19	65.00	82.50	69.64	56.67
Standard Deviation	31.36	21.26	17.08	11.04	21.51	8.94	9.24	35.83	11.33	25.20	82.96	15.82	8.91	11.04	35.34	75.69	55.74	21.23
Skewness	12.77	3.30	0.88	0.33	1.46	0.76	0.017	10.59	0.27	5.76	7.68	1.77	0.67	1.20	4.65	2.21	4.52	2.77
Excess Kurtosis	241.44	20.25	0.035	-1.39	1.05	0.96	-1.16	127.01	-0.57	39.62	61.78	6.20	0.48	5.48	22.79	3.84	19.86	9.73
Coef. of Var. %	59.54	35.48	29.45	25.83	39.72	21.90	21.18	73.54	22.87	47.39	138.01	35.46	21.97	22.92	54.36	91.75	80.04	37.46
Std. Error of the Mean	0.82	1.21	3.42	3.33	6.21	1.47	2.79	2.56	2.42	2.64	8.79	1.96	1.20	0.55	5.89	21.85	10.53	3.88
Lower 95% limit on Mean	51.06	57.55	50.95	35.31	40.50	37.83	37.43	43.68	44.52	47.94	42.63	40.70	38.14	47.10	53.04	34.41	48.03	48.74
Upper 95% limit on Mean	54.29	62.32	65.05	50.14	67.84	43.79	49.85	53.77	54.57	58.44	77.59	48.54	42.95	49.28	76.96	130.59	91.26	64.59
Geometric Statistics																		
Mean	49.49	57.22	55.80	41.46	51.20	39.91	42.72	45.39	48.29	50.53	50.46	42.25	39.63	47.00	60.88	66.74	62.39	54.02
Log10 Mean	1.69	1.76	1.75	1.62	1.71	1.60	1.63	1.66	1.68	1.70	1.70	1.63	1.60	1.67	1.78	1.82	1.80	1.73
Log10 S.D.	0.13	0.13	0.12	0.11	0.14	0.093	0.095	0.13	0.10	0.12	0.18	0.14	0.093	0.097	0.13	0.26	0.16	0.13
Log10 Std. Error of Mean	0.00	0	0.024	0.034	0.041	0.015	0.029	0	0.022	0.013	0.019	0.018	0.013	0	0.022	0.074	0.031	0.023
Lower 95% limit on Mean	48.71	55.38	49.69	34.88	41.50	37.17	36.86	43.51	43.53	47.71	46.30	38.93	37.39	45.97	54.84	45.89	53.98	48.39
Upper 95% limit on Mean	50.28	59.12	62.66	49.29	63.16	42.85	49.50	47.35	53.58	53.51	54.99	45.86	42.00	48.05	67.60	97.06	72.10	60.31
Percentiles																		
Min Value	20.00	20.00	30.00	30.00	40.00	30.00	30.00	20.00	30.00	40.00	30.00	20.00	30.00	30.00	40.00	40.00	40.00	30.00
25th %tile	40.00	50.00	50.00	30.00	40.00	30.00	40.00	40.00	40.00	40.00	40.00	40.00	30.00	40.00	50.00	50.00	50.00	50.00
50th %tile	50.00	60.00	50.00	40.00	40.00	40.00	40.00	40.00	50.00	50.00	50.00	40.00	40.00	50.00	60.00	50.00	60.00	50.00
75th %tile	60.00	70.00	60.00	50.00	60.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	60.00	70.00	60.00	60.00
80th %tile	60.00	70.00	70.00	50.00	60.00	50.00	50.00	50.00	60.00	60.00	60.00	50.00	50.00	50.00	70.00	100.00	70.00	60.00
90th %tile	70.00	80.00	90.00	60.00	80.00	50.00	50.00	60.00	70.00	60.00	60.00	60.00	50.00	60.00	80.00	120.00	80.00	70.00
95th %tile	80.00	90.00	90.00	60.00	110.00	50.00	60.00	60.00	70.00	70.00	70.00	70.00	50.00	70.00	90.00	310.00	80.00	80.00
98th %tile	100.00	100.00	100.00	60.00	110.00	70.00	60.00	80.00	70.00	140.00	320.00	80.00	60.00	70.00	260.00	310.00	350.00	150.00
99th %tile	130.00	130.00	100.00	60.00	110.00	70.00	60.00	200.00	70.00	250.00	780.00	120.00	70.00	80.00	260.00	310.00	350.00	150.00
Max Value	780.00	240.00	100.00	60.00	110.00	70.00	60.00	500.00	70.00	250.00	780.00	120.00	70.00	120.00	260.00	310.00	350.00	150.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Fluorine [F]
Number of Values - 1450
Units - ppm
Detection Limit - 20
Analytical Method - ISE



	N	%	Cum %
2-			
5-			
10-	5	0.3	0.3
20-			
50-	37	2.6	2.9
100-	422	29.1	32.0
200-	664	45.8	77.8
500-	319	22.0	99.8
1000-	3	0.2	100.0

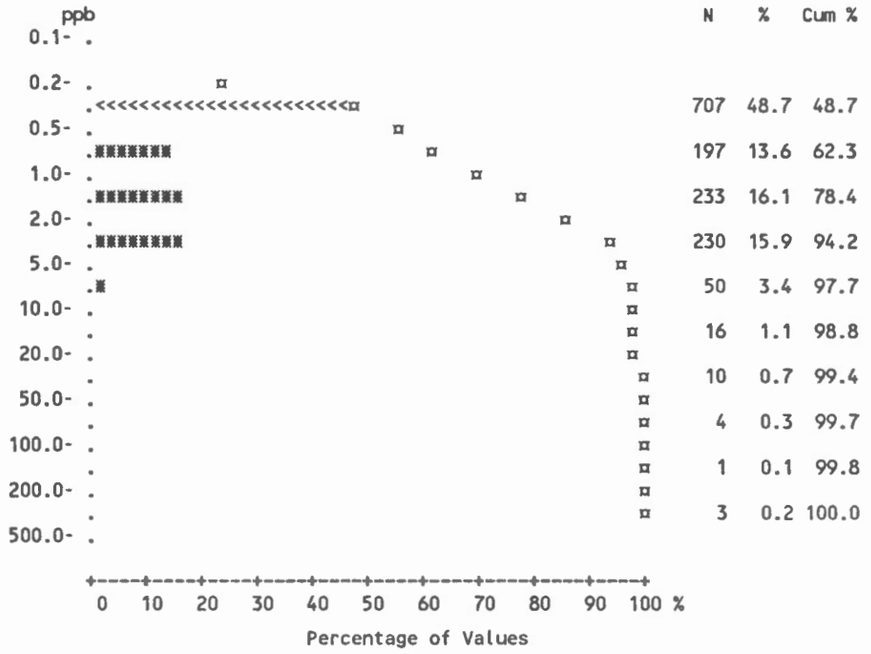
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1450	308	25	11	12	37	11	195	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1445	308	25	11	12	37	11	194	22	91	89	63	54	396	36	12	28	30
Number of Missing Values	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Mean	150.77	113.41	113.80	76.82	140.83	172.97	249.55	127.11	162.95	191.21	163.93	108.77	177.82	176.46	145.83	130.83	118.75	263.33
Standard Deviation	79.28	43.11	38.22	20.89	70.42	77.09	119.03	78.65	54.24	83.64	75.03	67.43	93.16	78.46	61.31	75.10	51.06	111.18
Skewness	1.32	0.90	-0.065	0.85	0.81	0.075	0.43	1.84	0.34	1.36	1.04	1.60	1.77	0.85	0.55	1.86	0.38	0.039
Excess Kurtosis	2.63	0.91	-1.02	0	-0.93	-0.83	-0.34	4.19	-0.44	4.65	1.49	2.91	6.15	0.74	-0.86	2.62	-1.38	-1.06
Coef. of Var. %	52.58	38.02	33.59	27.19	50.00	44.57	47.70	61.88	33.29	43.74	45.77	61.99	52.39	44.46	42.04	57.40	42.99	42.22
Std. Error of the Mean	2.08	2.46	7.64	6.30	20.33	12.67	35.89	5.63	11.56	8.77	7.95	8.36	12.56	3.94	10.22	21.68	9.65	20.30
Lower 95% limit on Mean	146.68	108.57	98.02	62.79	96.09	147.25	169.59	116.00	138.90	173.79	148.12	92.06	152.63	168.72	125.07	83.12	98.95	221.82
Upper 95% limit on Mean	154.85	118.24	129.58	90.85	185.57	198.69	329.50	138.22	187.01	208.63	179.74	125.48	203.00	184.20	166.59	178.55	138.55	304.84
Geometric Statistics																		
Mean	132.24	105.79	106.87	74.47	126.91	153.30	220.45	108.87	153.86	174.20	148.00	90.93	153.99	159.40	133.62	117.97	108.36	236.73
Log10 Mean	2.12	2.02	2.03	1.87	2.10	2.19	2.34	2.04	2.19	2.24	2.17	1.96	2.19	2.20	2.13	2.07	2.03	2.37
Log10 S.D.	0.23	0.16	0.16	0.11	0.20	0.23	0.24	0.24	0.16	0.19	0.20	0.28	0.26	0.20	0.19	0.19	0.19	0.22
Log10 Std. Error of Mean	0.01	0	0.033	0.034	0.059	0.038	0.074	0.017	0.033	0.020	0.021	0.035	0.036	0.010	0.031	0.055	0.036	0.040
Lower 95% limit on Mean	128.72	101.44	91.41	62.64	94.28	128.30	151.10	100.72	131.17	158.76	134.22	77.57	130.67	152.19	115.49	89.35	91.38	196.21
Upper 95% limit on Mean	135.85	110.33	124.93	88.53	170.83	183.16	321.62	117.67	180.48	191.15	163.20	106.59	181.47	166.95	154.58	155.75	128.49	285.61
Percentiles																		
Min Value	10.00	45.00	50.00	50.00	65.00	50.00	65.00	10.00	60.00	55.00	50.00	10.00	10.00	10.00	50.00	70.00	50.00	65.00
25th %tile	90.00	80.00	80.00	65.00	90.00	105.00	160.00	75.00	130.00	130.00	115.00	65.00	120.00	120.00	100.00	90.00	70.00	175.00
50th %tile	135.00	105.00	120.00	70.00	110.00	190.00	265.00	100.00	155.00	190.00	155.00	95.00	170.00	165.00	135.00	105.00	110.00	285.00
75th %tile	190.00	140.00	135.00	85.00	140.00	235.00	305.00	165.00	180.00	235.00	205.00	130.00	215.00	225.00	170.00	125.00	160.00	345.00
80th %tile	210.00	150.00	140.00	85.00	225.00	240.00	305.00	175.00	215.00	250.00	215.00	140.00	220.00	235.00	210.00	150.00	175.00	355.00
90th %tile	255.00	170.00	170.00	95.00	245.00	260.00	335.00	245.00	230.00	290.00	260.00	200.00	255.00	285.00	255.00	190.00	195.00	390.00
95th %tile	300.00	185.00	175.00	125.00	280.00	275.00	505.00	290.00	265.00	325.00	305.00	250.00	330.00	315.00	260.00	345.00	200.00	435.00
98th %tile	360.00	230.00	180.00	125.00	280.00	360.00	505.00	405.00	275.00	380.00	400.00	300.00	365.00	390.00	260.00	345.00	215.00	485.00
99th %tile	415.00	250.00	180.00	125.00	280.00	360.00	505.00	435.00	275.00	600.00	435.00	370.00	605.00	420.00	260.00	345.00	215.00	485.00
Max Value	605.00	270.00	180.00	125.00	280.00	360.00	505.00	500.00	275.00	600.00	435.00	370.00	605.00	465.00	260.00	345.00	215.00	485.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Gold [Au]
Number of Values - 1451
Units - ppb
Detection Limit - 1-var
Analytical Method - FA-NA



	N	%	Cum %
0.1-			
0.2-	707	48.7	48.7
0.5-	197	13.6	62.3
1.0-	233	16.1	78.4
2.0-	230	15.9	94.2
5.0-	50	3.4	97.7
10.0-	16	1.1	98.8
20.0-	10	0.7	99.4
50.0-	4	0.3	99.7
100.0-	1	0.1	99.8
200.0-	3	0.2	100.0
500.0-			

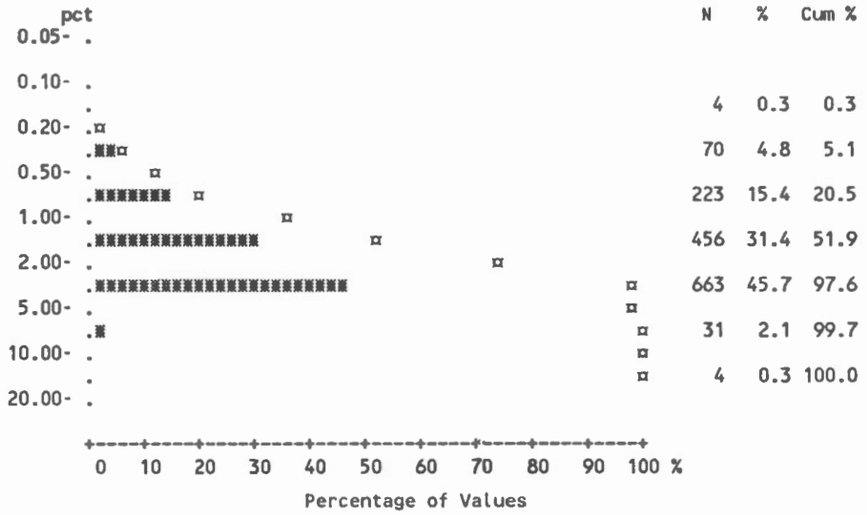
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	744	174	13	7	7	13	5	126	6	47	61	30	32	154	26	11	21	3
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	2.86	1.56	1.36	1.91	2.04	1.38	4.73	2.10	5.32	4.42	14.83	2.16	3.05	1.33	2.42	9.21	5.23	0.62
Standard Deviation	16.56	1.48	1.09	1.73	1.89	1.78	13.03	2.27	15.02	20.79	60.68	3.80	8.41	2.12	2.74	7.51	10.67	0.39
Skewness	19.29	2.44	1.08	1.15	0.57	2.42	2.46	3.20	3.20	7.94	5.43	5.01	6.29	8.22	2.18	0.41	3.20	3.05
Excess Kurtosis	414.50	9.58	0.12	0.21	-1.60	5.31	4.50	15.46	9.51	65.98	29.21	30.28	41.02	99.26	4.79	-1.32	9.27	7.93
Coef. of Var. %	578.62	95.46	80.49	90.59	92.50	129.50	275.71	108.08	282.40	470.55	409.10	175.79	276.02	160.11	113.27	81.58	204.01	62.74
Std. Error of the Mean	0.43	0.085	0.22	0.52	0.55	0.29	3.93	0.16	3.20	2.18	6.43	0.47	1.13	0.11	0.46	2.17	2.02	0.071
Lower 95% limit on Mean	2.01	1.39	0.91	0.75	0.84	0.78	-4.03	1.78	-1.34	0.087	2.05	1.22	0.77	1.12	1.49	4.44	1.09	0.47
Upper 95% limit on Mean	3.71	1.72	1.81	3.07	3.24	1.97	13.48	2.42	11.98	8.75	27.62	3.10	5.32	1.54	3.34	13.98	9.37	0.76
Geometric Statistics																		
Mean	1.13	1.10	1.02	1.33	1.31	0.87	1.03	1.38	1.04	1.12	2.11	1.13	1.29	0.86	1.52	5.55	2.23	0.56
Log10 Mean	0.05	0.040	0	0.13	0.12	-0.063	0.013	0.14	0.016	0.048	0.32	0.052	0.11	-0.063	0.18	0.74	0.35	-0.25
Log10 S.D.	0.43	0.35	0.33	0.39	0.44	0.37	0.58	0.40	0.61	0.48	0.65	0.45	0.47	0.34	0.41	0.54	0.51	0.16
Log10 Std. Error of Mean	0.01	0.020	0.067	0.12	0.13	0.061	0.17	0.028	0.13	0.050	0.069	0.055	0.063	0.017	0.069	0.16	0.097	0.029
Lower 95% limit on Mean	1.07	1.00	0.74	0.73	0.69	0.65	0.42	1.21	0.55	0.89	1.54	0.87	0.96	0.80	1.10	2.52	1.41	0.49
Upper 95% limit on Mean	1.19	1.20	1.40	2.44	2.47	1.15	2.51	1.56	1.94	1.41	2.89	1.45	1.73	0.93	2.10	12.22	3.51	0.64
Percentiles																		
Min Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
25th %tile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	2.00	0.50	0.50
50th %tile	1.00	1.00	1.00	2.00	1.00	0.50	0.50	1.00	0.50	1.00	2.00	0.50	1.00	0.50	1.00	8.00	2.00	0.50
75th %tile	2.00	2.00	2.00	2.00	4.00	2.00	1.00	3.00	2.00	2.00	4.00	3.00	3.00	2.00	3.00	15.00	4.00	0.50
80th %tile	3.00	2.00	2.00	2.00	4.00	2.00	1.00	3.00	3.00	2.00	6.00	3.00	3.00	2.00	3.00	16.00	4.00	0.50
90th %tile	4.00	3.00	3.00	4.00	5.00	3.00	2.00	4.00	4.00	4.00	11.00	5.00	5.00	3.00	6.00	19.00	6.00	0.50
95th %tile	6.00	4.00	4.00	6.00	5.00	7.00	44.00	5.00	31.00	7.00	42.00	6.00	10.00	4.00	9.00	23.00	35.00	2.00
98th %tile	12.00	6.00	4.00	6.00	5.00	8.00	44.00	9.00	66.00	62.00	368.00	10.00	11.00	7.00	13.00	23.00	49.00	2.00
99th %tile	28.00	7.00	4.00	6.00	5.00	8.00	44.00	14.00	66.00	189.00	400.00	28.00	62.00	9.00	13.00	23.00	49.00	2.00
Max Value	400.00	12.00	4.00	6.00	5.00	8.00	44.00	18.00	66.00	189.00	400.00	28.00	62.00	31.00	13.00	23.00	49.00	2.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Iron [Fe]
Number of Values - 1451
Units - pct
Detection Limit - 0.02
Analytical Method - AAS



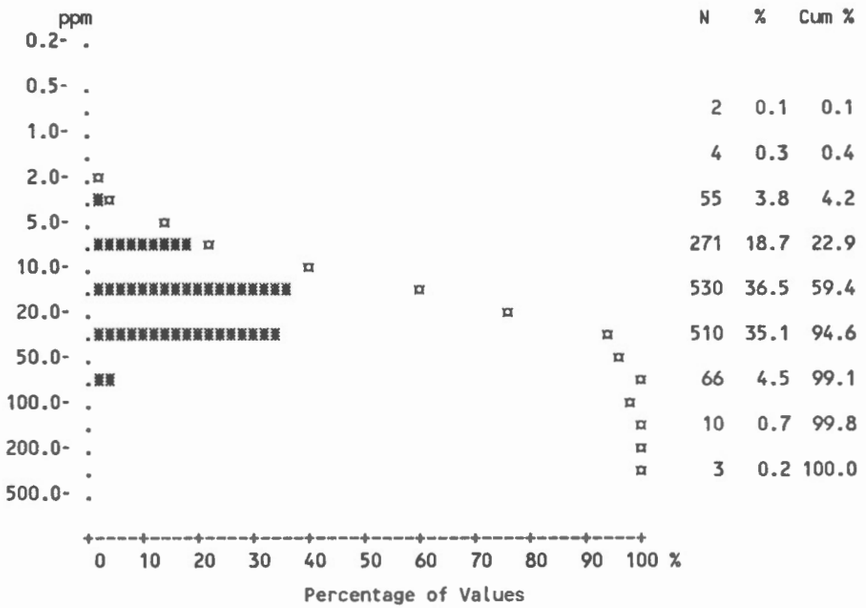
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	2.14	1.82	1.97	1.45	2.54	2.14	2.92	2.25	2.15	2.25	2.57	1.66	2.38	2.35	2.42	2.41	1.58	1.43
Standard Deviation	1.39	1.67	0.75	0.78	1.75	1.28	1.39	1.39	0.99	1.23	1.42	0.90	1.26	1.26	1.65	1.47	1.07	1.10
Skewness	2.39	4.06	-0.26	1.01	0.87	0.69	1.02	1.30	0	0.84	1.13	0.63	1.14	2.33	1.59	0.58	1.52	0.59
Excess Kurtosis	14.48	25.19	-1.05	-0.72	-0.049	0.27	0.48	1.93	-1.11	0.65	3.28	0.058	2.37	18.42	2.82	-1.17	3.29	-1.17
Coef. of Var. %	64.96	91.75	38.29	54.07	68.78	59.74	47.42	61.88	46.23	54.63	55.12	53.96	52.81	53.61	68.06	61.08	67.77	77.09
Std. Error of the Mean	0.04	0.095	0.15	0.24	0.50	0.21	0.42	0.100	0.21	0.13	0.15	0.11	0.17	0.063	0.28	0.42	0.20	0.20
Lower 95% limit on Mean	2.07	1.63	1.66	0.92	1.43	1.71	1.99	2.06	1.71	1.99	2.27	1.44	2.04	2.22	1.87	1.47	1.16	1.02
Upper 95% limit on Mean	2.21	2.00	2.28	1.98	3.65	2.57	3.86	2.45	2.59	2.51	2.87	1.88	2.72	2.47	2.98	3.34	2.00	1.84
Geometric Statistics																		
Mean	1.75	1.38	1.80	1.30	2.00	1.74	2.66	1.87	1.87	1.91	2.15	1.39	2.06	2.03	1.97	2.01	1.25	1.01
Log10 Mean	0.24	0.14	0.25	0.11	0.30	0.24	0.42	0.27	0.27	0.28	0.33	0.14	0.31	0.31	0.29	0.30	0.097	0
Log10 S.D.	0.29	0.32	0.21	0.20	0.34	0.30	0.20	0.27	0.26	0.26	0.29	0.29	0.25	0.25	0.29	0.28	0.33	0.40
Log10 Std. Error of Mean	0.01	0.018	0.041	0.061	0.097	0.050	0.060	0.020	0.055	0.028	0.031	0.036	0.034	0.012	0.049	0.081	0.062	0.072
Lower 95% limit on Mean	1.69	1.28	1.48	0.95	1.22	1.38	1.95	1.71	1.44	1.68	1.86	1.18	1.76	1.92	1.57	1.34	0.93	0.72
Upper 95% limit on Mean	1.81	1.50	2.18	1.78	3.27	2.20	3.62	2.05	2.44	2.17	2.47	1.64	2.40	2.15	2.48	3.03	1.67	1.41
Percentiles																		
Min Value	0.10	0.10	0.60	0.80	0.40	0.40	1.10	0.30	0.50	0.40	0.20	0.20	0.60	0.30	0.40	0.80	0.20	0.20
25th %tile	1.20	0.90	1.50	0.90	1.00	1.10	2.00	1.20	1.40	1.30	1.60	1.10	1.60	1.40	1.40	1.00	0.80	0.60
50th %tile	1.90	1.40	2.20	1.10	2.00	1.80	2.70	2.00	2.00	2.20	2.70	1.50	2.30	2.30	1.90	2.10	1.50	0.90
75th %tile	2.90	2.30	2.60	2.10	3.30	3.00	3.70	2.80	3.00	3.00	3.20	2.30	2.90	3.00	3.00	2.80	2.00	2.30
80th %tile	3.10	2.60	2.60	2.10	3.80	3.00	3.70	3.20	3.10	3.10	3.40	2.40	3.00	3.30	3.10	3.90	2.00	2.80
90th %tile	3.80	3.60	3.00	2.70	4.10	3.80	3.70	4.10	3.30	3.80	3.90	2.90	4.00	3.90	4.60	4.80	2.60	3.10
95th %tile	4.40	4.00	3.00	3.00	6.60	4.20	6.30	5.00	3.60	4.50	4.80	3.30	4.40	4.30	6.60	5.00	3.60	3.10
98th %tile	5.20	5.10	3.20	3.00	6.60	6.00	6.30	6.50	4.00	5.80	7.00	3.50	5.20	4.80	8.20	5.00	5.30	3.70
99th %tile	6.60	7.40	3.20	3.00	6.60	6.00	6.30	7.10	4.00	6.30	8.70	4.40	7.20	5.20	8.20	5.00	5.30	3.70
Max Value	15.10	15.10	3.20	3.00	6.60	6.00	6.30	7.80	4.00	6.30	8.70	4.40	7.20	14.20	8.20	5.00	5.30	3.70

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Lead [Pb]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



N	%	Cum %
2	0.1	0.1
4	0.3	0.4
55	3.8	4.2
271	18.7	22.9
530	36.5	59.4
510	35.1	94.6
66	4.5	99.1
10	0.7	99.8
3	0.2	100.0

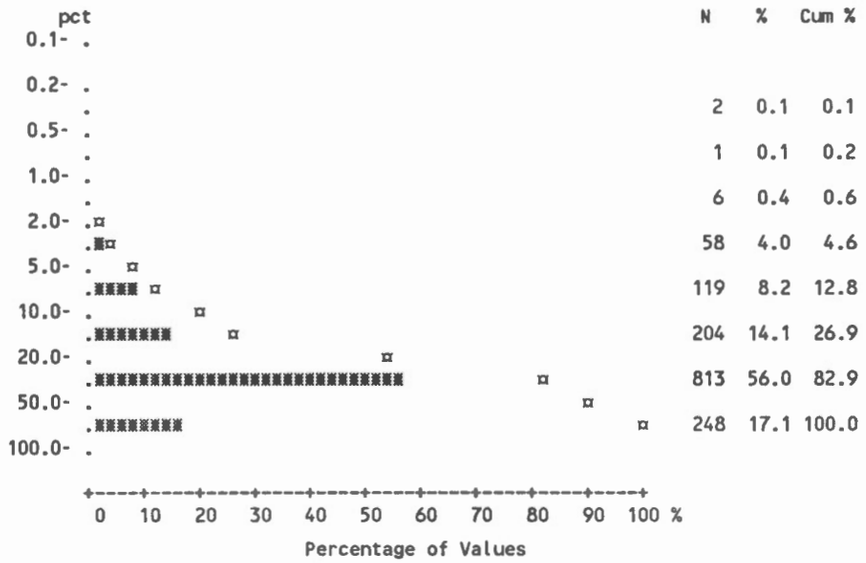
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1449	308	25	11	12	37	11	196	22	91	89	65	55	395	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	22.51	20.57	17.28	16.36	19.00	23.19	23.18	17.85	34.77	26.80	30.11	21.34	20.53	22.66	28.86	57.08	21.32	17.77
Standard Deviation	22.71	14.82	8.20	9.18	14.98	19.67	15.12	12.60	52.01	43.55	42.29	29.52	12.51	14.13	20.12	53.02	19.74	13.24
Skewness	7.36	1.98	0.13	0.12	0.79	1.97	0.69	2.91	2.94	7.12	5.43	4.01	1.62	1.34	1.43	1.06	2.36	1.39
Excess Kurtosis	94.07	5.70	-1.40	-1.57	-0.98	4.11	-1.01	12.39	8.24	57.32	35.97	18.64	2.94	2.25	2.30	-0.31	6.80	2.28
Coef. of Var. %	100.87	72.03	47.47	56.09	78.87	84.81	65.24	70.59	149.57	162.47	140.44	138.34	60.92	62.34	69.72	92.88	92.61	74.52
Std. Error of the Mean	0.60	0.84	1.64	2.77	4.33	3.23	4.56	0.90	11.09	4.56	4.48	3.66	1.69	0.71	3.35	15.31	3.73	2.42
Lower 95% limit on Mean	21.34	18.91	13.89	10.20	9.48	16.63	13.02	16.07	11.71	17.73	21.20	14.02	17.15	21.27	22.05	23.40	13.66	12.82
Upper 95% limit on Mean	23.68	22.24	20.67	22.53	28.52	29.75	33.34	19.62	57.84	35.87	39.02	28.65	23.91	24.06	35.67	90.77	28.98	22.71
Geometric Statistics																		
Mean	17.37	16.46	15.21	13.61	14.37	17.46	19.02	15.05	21.00	18.30	20.92	14.19	17.50	18.62	22.82	38.63	15.30	13.53
Log10 Mean	1.24	1.22	1.18	1.13	1.16	1.24	1.28	1.18	1.32	1.26	1.32	1.15	1.24	1.27	1.36	1.59	1.18	1.13
Log10 S.D.	0.30	0.29	0.23	0.30	0.34	0.33	0.29	0.24	0.39	0.34	0.33	0.35	0.25	0.29	0.32	0.41	0.37	0.34
Log10 Std. Error of Mean	0.01	0.017	0.047	0.090	0.098	0.055	0.088	0.017	0.082	0.036	0.035	0.043	0.034	0.014	0.053	0.12	0.070	0.063
Lower 95% limit on Mean	16.76	15.25	12.17	8.58	8.77	13.51	12.12	13.91	14.15	15.53	17.85	11.65	14.98	17.44	17.80	21.25	10.99	10.06
Upper 95% limit on Mean	18.01	17.76	19.01	21.58	23.56	22.55	29.85	16.29	31.16	21.57	24.51	17.28	20.45	19.89	29.25	70.21	21.32	18.18
Percentiles																		
Min Value	1.00	3.00	6.00	4.00	5.00	3.00	7.00	3.00	8.00	2.00	4.00	4.00	3.00	1.00	3.00	11.00	2.00	2.00
25th %tile	11.00	10.00	9.00	6.00	7.00	11.00	10.00	10.00	9.00	11.00	13.00	8.00	12.00	12.00	14.00	14.00	9.00	8.00
50th %tile	17.00	17.00	18.00	14.00	12.00	16.00	21.00	15.00	18.00	18.00	18.00	12.00	17.00	20.00	27.00	35.00	13.00	15.00
75th %tile	28.00	27.00	25.00	26.00	30.00	30.00	32.00	21.00	36.00	29.00	30.00	21.00	25.00	29.00	35.00	71.00	26.00	24.00
80th %tile	30.00	30.00	26.00	26.00	35.00	33.00	32.00	22.00	37.00	34.00	36.00	25.00	28.00	31.00	37.00	75.00	27.00	26.00
90th %tile	41.00	39.00	29.00	26.00	37.00	45.00	48.00	30.00	44.00	42.00	56.00	43.00	37.00	41.00	53.00	149.00	44.00	31.00
95th %tile	52.00	48.00	30.00	31.00	50.00	81.00	51.00	42.00	125.00	59.00	84.00	58.00	51.00	52.00	74.00	171.00	47.00	39.00
98th %tile	75.00	59.00	31.00	31.00	50.00	95.00	51.00	62.00	239.00	131.00	147.00	116.00	54.00	61.00	98.00	171.00	101.00	63.00
99th %tile	99.00	80.00	31.00	31.00	50.00	95.00	51.00	84.00	239.00	401.00	352.00	197.00	68.00	75.00	98.00	171.00	101.00	63.00
Max Value	401.00	99.00	31.00	31.00	50.00	95.00	51.00	99.00	239.00	401.00	352.00	197.00	68.00	84.00	98.00	171.00	101.00	63.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Loss-On-Ignition [LOI]
Number of Values - 1451
Units - pct
Detection Limit - 1.0
Analytical Method - GRAV



N	%	Cum %
2	0.1	0.1
1	0.1	0.2
6	0.4	0.6
58	4.0	4.6
119	8.2	12.8
204	14.1	26.9
813	56.0	82.9
248	17.1	100.0

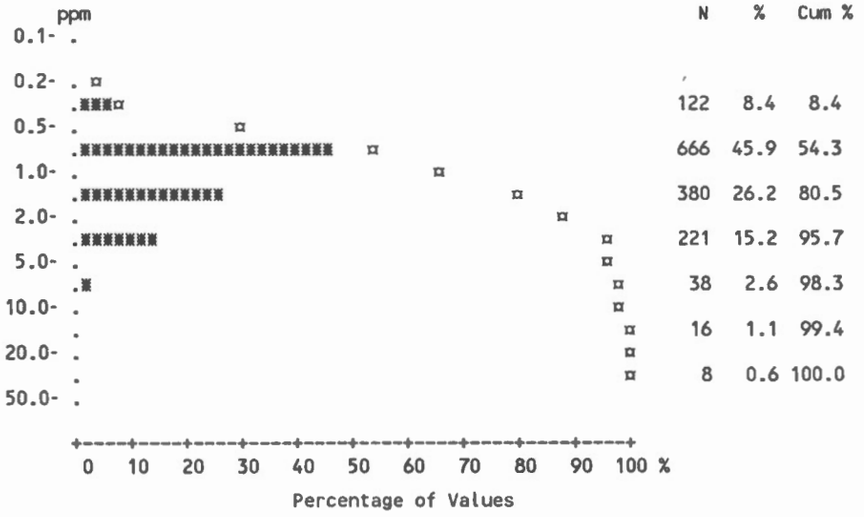
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1449	308	25	11	12	37	11	194	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	32.50	37.29	31.33	45.09	35.45	35.46	21.07	28.91	25.68	29.67	24.30	36.11	32.64	32.57	31.11	34.03	35.73	30.83
Standard Deviation	17.37	15.58	14.67	10.36	20.56	18.14	16.39	15.62	21.29	19.38	16.23	18.13	16.35	16.59	17.29	19.71	20.60	27.50
Skewness	0.16	-0.29	0.085	0.34	-0.11	0.23	0.89	0.38	0.62	0.23	0.97	-0.094	0.48	0.12	-0	-0.41	0.31	0.68
Excess Kurtosis	-0.67	-0.53	-0.51	-1.48	-1.46	-0.83	-0.32	-0.19	-1.30	-0.89	0.49	-1.07	0	-0.72	-1.01	-1.55	-0.59	-1.08
Coef. of Var. %	53.43	41.79	46.83	22.98	57.99	51.16	77.80	54.05	82.88	65.31	66.79	50.22	50.11	50.95	55.57	57.92	57.67	89.21
Std. Error of the Mean	0.46	0.89	2.93	3.12	5.93	2.98	4.94	1.12	4.54	2.03	1.72	2.25	2.21	0.83	2.88	5.69	3.89	5.02
Lower 95% limit on Mean	31.60	35.54	25.27	38.13	22.39	29.41	10.06	26.71	16.24	25.64	20.88	31.62	28.22	30.93	25.26	21.51	27.74	20.56
Upper 95% limit on Mean	33.39	39.04	37.38	52.05	48.51	41.51	32.09	31.11	35.12	33.71	27.72	40.60	37.06	34.20	36.97	46.56	43.72	41.09
Geometric Statistics																		
Mean	26.17	32.42	26.56	44.04	27.12	29.81	15.57	23.16	17.59	21.01	19.07	29.86	27.51	27.04	23.97	23.69	27.78	18.13
Log10 Mean	1.42	1.51	1.42	1.64	1.43	1.47	1.19	1.36	1.25	1.32	1.28	1.48	1.44	1.43	1.38	1.37	1.44	1.26
Log10 S.D.	0.33	0.27	0.30	0.099	0.40	0.29	0.38	0.35	0.40	0.43	0.32	0.31	0.30	0.30	0.39	0.51	0.37	0.51
Log10 Std. Error of Mean	0.01	0.015	0.060	0.030	0.11	0.048	0.11	0.025	0.086	0.045	0.034	0.038	0.040	0.015	0.064	0.15	0.071	0.094
Lower 95% limit on Mean	25.16	30.24	19.94	37.81	15.18	23.86	8.72	20.68	11.66	17.12	16.30	25.02	22.85	25.25	17.75	11.20	19.89	11.67
Upper 95% limit on Mean	27.23	34.77	35.38	51.30	48.45	37.25	27.81	25.94	26.54	25.78	22.31	35.64	33.13	28.95	32.37	50.11	38.80	28.17
Percentiles																		
Min Value	0.50	3.00	3.00	32.00	3.00	6.00	4.00	0.50	4.00	2.00	3.00	3.00	2.00	3.00	2.00	1.00	2.00	1.00
25th %tile	19.00	27.00	24.00	38.00	14.00	21.00	8.00	17.00	8.00	11.00	12.00	21.00	20.00	20.00	17.00	12.00	19.00	9.00
50th %tile	33.00	39.00	28.00	41.00	36.00	34.00	19.00	29.00	14.00	32.00	20.00	38.00	31.00	33.00	33.00	44.00	30.00	21.00
75th %tile	46.00	49.00	39.00	55.00	52.00	46.00	29.00	37.00	48.00	44.00	33.00	51.00	43.00	45.00	42.00	45.00	51.00	58.00
80th %tile	48.00	51.00	46.00	55.00	54.00	49.00	29.00	40.00	50.00	46.00	37.00	54.00	47.00	48.00	46.00	47.00	52.00	59.00
90th %tile	55.00	56.00	50.00	59.00	55.00	62.00	40.00	53.00	57.00	55.00	48.00	58.00	52.00	54.00	56.00	57.00	64.00	77.00
95th %tile	61.00	60.00	51.00	62.00	68.00	66.00	58.00	58.00	62.00	61.00	53.00	59.00	63.00	59.00	61.00	58.00	65.00	79.00
98th %tile	67.00	66.00	63.00	62.00	68.00	73.00	58.00	61.00	65.00	69.00	71.00	69.00	72.00	66.00	64.00	58.00	86.00	84.00
99th %tile	73.00	68.00	63.00	62.00	68.00	73.00	58.00	68.00	65.00	82.00	72.00	76.00	78.00	73.00	64.00	58.00	86.00	84.00
Max Value	86.00	74.00	63.00	62.00	68.00	73.00	58.00	80.00	65.00	82.00	72.00	76.00	78.00	80.00	64.00	58.00	86.00	84.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Magnesium in Water [Mg-W]
Number of Values - 1451
Units - ppm
Detection Limit - 0.05
Analytical Method - AAS



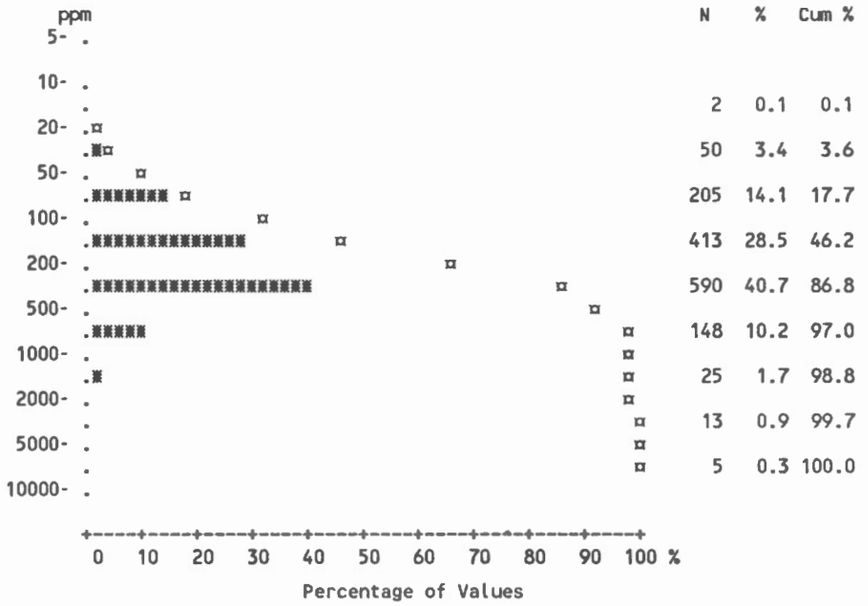
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	9.92	9.88	10.00	10.00	10.00	10.00	9.55	9.93	10.00	10.00	10.00	9.96	10.00	9.89	10.00	10.00	10.00	9.67
Standard Deviation	0.65	0.91	0	0	0	0	1.51	0.62	0	0	0	0.31	0	0.71	0	0	0	1.27
Skewness	-9.15	-7.59	0	0	0	0	-2.47	-11.15	0	0	0	-7.69	0	-6.59	0	0	0	-3.30
Excess Kurtosis	87.26	57.16	0	0	0	0	4.52	133.73	0	0	0	58.09	0	41.84	0	0	0	9.21
Coef. of Var. %	6.55	9.17	0	0	0	0	15.79	6.27	0	0	0	3.11	0	7.21	0	0	0	13.12
Std. Error of the Mean	0.02	0.052	0	0	0	0	0.45	0.044	0	0	0	0.038	0	0.036	0	0	0	0.23
Lower 95% limit on Mean	9.89	9.78	10.00	10.00	10.00	10.00	8.53	9.85	10.00	10.00	10.00	9.88	10.00	9.82	10.00	10.00	10.00	9.19
Upper 95% limit on Mean	9.96	9.98	10.00	10.00	10.00	10.00	10.56	10.02	10.00	10.00	10.00	10.04	10.00	9.96	10.00	10.00	10.00	10.14
Geometric Statistics																		
Mean	9.88	9.79	10.00	10.00	10.00	10.00	9.39	9.89	10.00	10.00	10.00	9.96	10.00	9.85	10.00	10.00	10.00	9.55
Log10 Mean	0.99	0.99	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	0.98
Log10 S.D.	0.05	0.071	0	0	0	0	0.091	0.051	0	0	0	0.015	0	0.043	0	0	0	0.076
Log10 Std. Error of Mean	0.00	0	0	0	0	0	0.027	0	0	0	0	0	0	0	0	0	0	0.014
Lower 95% limit on Mean	9.83	9.61	10.00	10.00	10.00	10.00	8.16	9.73	10.00	10.00	10.00	9.87	10.00	9.76	10.00	10.00	10.00	8.94
Upper 95% limit on Mean	9.94	9.97	10.00	10.00	10.00	10.00	10.80	10.06	10.00	10.00	10.00	10.04	10.00	9.95	10.00	10.00	10.00	10.20
Percentiles																		
Min Value	0.28	0.28	0.60	0.36	0.40	0.32	0.36	0.28	0.40	0.40	0.40	0.40	0.48	0.32	0.40	0.40	0.40	3.60
25th %tile	0.68	0.60	0.80	0.56	0.56	0.56	1.12	0.60	1.04	0.76	1.10	0.76	1.12	0.76	0.60	0.84	0.56	6.40
50th %tile	1.00	0.72	1.00	0.76	0.72	0.84	1.56	0.76	1.28	1.20	1.52	1.00	1.52	1.24	1.00	1.20	0.80	8.20
75th %tile	1.70	0.88	1.10	1.28	1.00	1.90	2.48	1.12	2.08	2.40	2.64	1.30	1.88	2.20	1.50	3.00	2.00	17.00
80th %tile	2.00	0.96	1.12	1.28	1.60	2.10	2.48	1.36	2.20	2.60	3.12	1.30	2.00	2.30	1.64	3.08	2.12	19.00
90th %tile	2.72	1.08	1.80	1.40	2.04	2.28	2.50	1.84	2.56	4.40	4.00	2.00	2.48	2.80	3.20	11.40	3.90	25.00
95th %tile	4.60	1.20	2.40	1.48	2.92	2.40	7.60	4.80	2.60	6.00	5.20	2.60	3.36	3.70	4.80	25.00	5.80	26.00
98th %tile	7.20	1.40	2.64	1.48	2.92	3.00	7.60	7.20	2.72	6.40	12.00	4.40	4.40	5.00	23.00	25.00	7.20	30.00
99th %tile	16.80	1.50	2.64	1.48	2.92	3.00	7.60	19.00	2.72	45.00	16.80	4.40	4.80	5.60	23.00	25.00	7.20	30.00
Max Value	45.00	14.00	2.64	1.48	2.92	3.00	7.60	20.00	2.72	45.00	16.80	4.40	4.80	11.40	23.00	25.00	7.20	30.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Manganese [Mn]
Number of Values - 1451
Units - ppm
Detection Limit - 5
Analytical Method - AAS



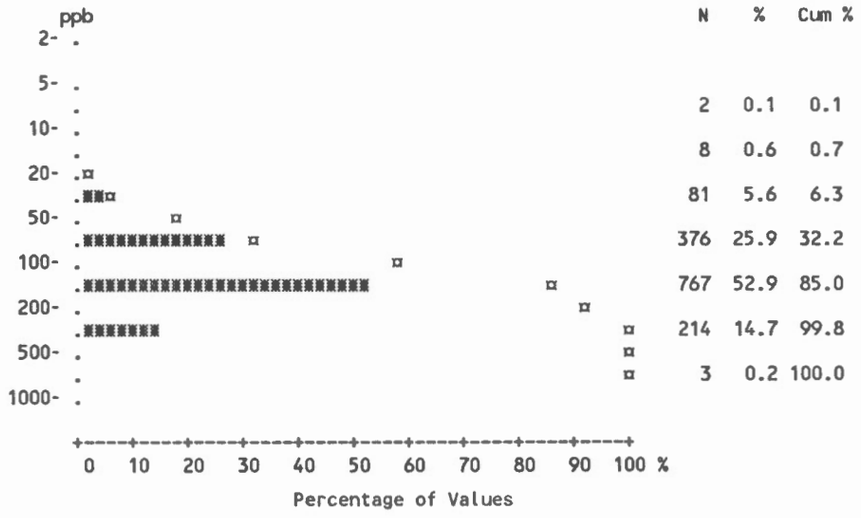
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	326.76	262.31	179.24	165.45	278.67	446.89	331.45	421.76	280.36	278.47	410.18	210.69	444.95	346.34	471.42	211.75	240.07	168.63
Standard Deviation	529.95	589.87	75.57	76.95	241.72	704.06	154.43	745.24	195.53	203.34	809.93	124.86	666.72	350.87	826.94	172.46	285.32	127.54
Skewness	8.92	10.94	0.57	0.41	1.18	3.05	0.22	6.49	2.08	1.93	7.58	1.08	5.10	4.47	4.74	0.86	3.41	1.11
Excess Kurtosis	107.47	136.96	-0.50	-1.31	0.39	9.05	-1.19	55.51	5.42	5.84	62.21	1.17	29.75	29.75	23.36	-0.86	12.52	0.35
Coef. of Var. %	162.19	224.88	42.16	46.51	86.74	157.54	46.59	176.70	69.74	73.02	197.46	59.26	149.84	101.31	175.41	81.44	118.85	75.63
Std. Error of the Mean	13.91	33.61	15.11	23.20	69.78	115.75	46.56	53.23	41.69	21.32	85.85	15.49	89.90	17.61	137.82	49.78	53.92	23.28
Lower 95% limit on Mean	299.46	196.17	148.05	113.76	125.08	212.00	227.71	316.76	193.66	236.11	239.52	179.75	264.71	311.72	191.43	102.17	129.43	121.02
Upper 95% limit on Mean	354.05	328.45	210.43	217.15	432.25	681.79	435.20	526.75	367.07	320.83	580.84	241.63	625.18	380.96	751.40	321.33	350.72	216.25
Geometric Statistics																		
Mean	215.57	158.68	164.29	149.44	202.50	244.51	296.13	251.63	231.24	219.50	259.88	175.14	287.21	256.77	282.08	158.66	171.16	126.85
Log10 Mean	2.33	2.20	2.22	2.17	2.31	2.39	2.47	2.40	2.36	2.34	2.41	2.24	2.46	2.41	2.45	2.20	2.23	2.10
Log10 S.D.	0.37	0.39	0.19	0.21	0.36	0.43	0.22	0.39	0.28	0.31	0.37	0.28	0.37	0.33	0.39	0.34	0.33	0.35
Log10 Std. Error of Mean	0.01	0.022	0.038	0.063	0.10	0.071	0.068	0.028	0.060	0.032	0.040	0.035	0.050	0.016	0.065	0.098	0.062	0.064
Lower 95% limit on Mean	206.41	143.54	137.44	108.30	119.07	175.27	209.10	221.88	173.58	189.24	216.80	148.92	227.62	238.38	207.89	96.43	127.43	93.96
Upper 95% limit on Mean	225.14	175.42	196.38	206.21	344.40	341.11	419.37	285.37	308.04	254.60	311.52	205.97	362.40	276.58	382.74	261.05	229.90	171.25
Percentiles																		
Min Value	10.00	10.00	70.00	70.00	50.00	50.00	140.00	40.00	50.00	40.00	20.00	30.00	60.00	40.00	50.00	60.00	40.00	20.00
25th %tile	120.00	80.00	120.00	100.00	110.00	120.00	160.00	130.00	170.00	140.00	170.00	130.00	150.00	160.00	150.00	70.00	110.00	70.00
50th %tile	220.00	160.00	170.00	150.00	120.00	240.00	350.00	240.00	230.00	240.00	280.00	170.00	280.00	260.00	250.00	120.00	160.00	120.00
75th %tile	360.00	300.00	230.00	230.00	380.00	390.00	450.00	390.00	340.00	340.00	410.00	280.00	470.00	420.00	530.00	320.00	230.00	210.00
80th %tile	410.00	340.00	240.00	230.00	440.00	470.00	450.00	440.00	360.00	360.00	460.00	310.00	540.00	470.00	550.00	370.00	260.00	230.00
90th %tile	570.00	430.00	260.00	250.00	520.00	780.00	460.00	760.00	440.00	560.00	570.00	390.00	830.00	630.00	810.00	450.00	500.00	380.00
95th %tile	810.00	600.00	340.00	310.00	880.00	2590.00	620.00	1620.00	440.00	680.00	880.00	450.00	1050.00	810.00	1160.00	570.00	570.00	480.00
98th %tile	1580.00	990.00	350.00	310.00	880.00	3490.00	620.00	2620.00	1000.00	820.00	2300.00	520.00	1660.00	1630.00	5060.00	570.00	1540.00	480.00
99th %tile	2320.00	1090.00	350.00	310.00	880.00	3490.00	620.00	3500.00	1000.00	1300.00	7470.00	650.00	4780.00	1920.00	5060.00	570.00	1540.00	480.00
Max Value	8460.00	8460.00	350.00	310.00	880.00	3490.00	620.00	8000.00	1000.00	1300.00	7470.00	650.00	4780.00	3680.00	5060.00	570.00	1540.00	480.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Mercury [Hg]
Number of Values - 1451
Units - ppb
Detection Limit - 10
Analytical Method - AAS



	N	%	Cum %
5-	2	0.1	0.1
10-	8	0.6	0.7
20-	81	5.6	6.3
50-	376	25.9	32.2
100-	767	52.9	85.0
200-	214	14.7	99.8
500-	3	0.2	100.0

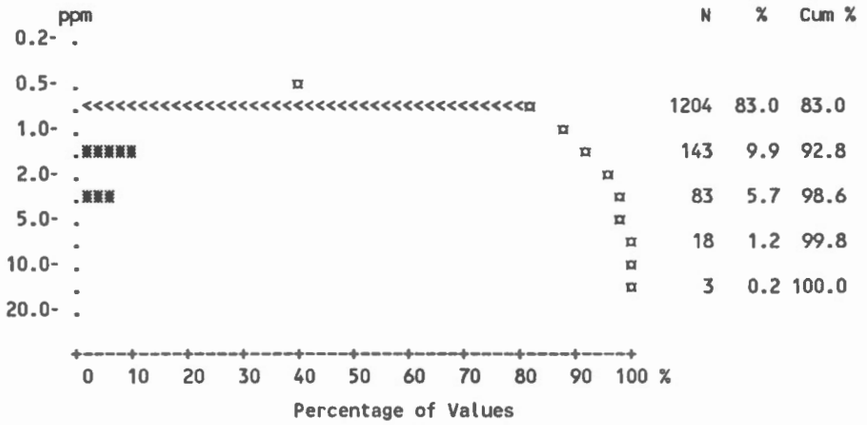
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	139.01	131.87	132.20	159.09	148.33	143.11	120.91	128.24	145.68	141.48	123.71	144.77	130.82	153.90	153.61	186.67	155.71	59.17
Standard Deviation	65.45	53.58	55.40	60.32	63.19	53.35	49.74	58.34	104.69	81.14	63.30	73.28	62.24	61.83	65.99	98.68	111.24	28.68
Skewness	1.08	0.40	-0.27	-0.29	-0.45	0.097	0.093	0.42	2.08	2.57	0.99	0.66	0.88	0.57	0.097	-0.57	1.92	0.42
Excess Kurtosis	4.53	-0.16	-0.070	-1.76	-1.57	-1.31	-0.79	0.052	5.03	14.67	2.34	-0.36	1.95	1.28	-0.85	-1.39	4.30	-0.91
Coef. of Var. %	47.09	40.63	41.90	37.92	42.60	37.28	41.14	45.49	71.86	57.35	51.17	50.62	47.58	40.17	42.96	52.86	71.44	48.47
Std. Error of the Mean	1.72	3.05	11.08	18.19	18.24	8.77	15.00	4.17	22.32	8.51	6.71	9.09	8.39	3.10	11.00	28.49	21.02	5.24
Lower 95% limit on Mean	135.64	125.86	109.33	118.57	108.19	125.31	87.50	120.02	99.26	124.58	110.37	126.61	113.99	147.80	131.27	123.97	112.57	48.46
Upper 95% limit on Mean	142.38	137.87	155.07	199.62	188.48	160.91	154.32	136.46	192.11	158.39	137.05	162.93	147.64	160.01	175.96	249.37	198.85	69.87
Geometric Statistics																		
Mean	122.76	119.95	113.85	146.91	132.24	132.70	109.71	113.16	120.96	120.92	107.15	126.00	115.05	140.46	137.49	142.91	126.27	51.84
Log10 Mean	2.09	2.08	2.06	2.17	2.12	2.12	2.04	2.05	2.08	2.08	2.03	2.10	2.06	2.15	2.14	2.16	2.10	1.71
Log10 S.D.	0.23	0.20	0.30	0.19	0.24	0.18	0.22	0.24	0.26	0.26	0.25	0.24	0.24	0.20	0.22	0.41	0.29	0.24
Log10 Std. Error of Mean	0.01	0.011	0.059	0.058	0.068	0.029	0.066	0.017	0.056	0.027	0.026	0.030	0.032	0	0.037	0.12	0.055	0.044
Lower 95% limit on Mean	119.42	113.86	85.92	109.37	93.71	115.83	78.32	104.84	92.44	106.73	94.91	109.64	99.05	134.32	115.60	78.62	97.25	42.08
Upper 95% limit on Mean	126.19	126.36	150.86	197.35	186.61	152.02	153.68	122.14	158.29	136.98	120.97	144.80	133.63	146.88	163.53	259.77	163.95	63.88
Percentiles																		
Min Value	10.00	15.00	10.00	75.00	55.00	55.00	35.00	20.00	35.00	20.00	15.00	20.00	25.00	25.00	35.00	15.00	30.00	10.00
25th %tile	95.00	90.00	115.00	100.00	65.00	100.00	95.00	90.00	85.00	90.00	75.00	95.00	95.00	115.00	100.00	70.00	90.00	35.00
50th %tile	135.00	125.00	135.00	180.00	165.00	135.00	120.00	125.00	100.00	140.00	120.00	130.00	130.00	155.00	145.00	205.00	135.00	55.00
75th %tile	180.00	165.00	155.00	220.00	195.00	185.00	135.00	165.00	210.00	190.00	160.00	195.00	165.00	190.00	205.00	265.00	165.00	85.00
80th %tile	190.00	175.00	160.00	220.00	195.00	195.00	135.00	170.00	210.00	195.00	170.00	210.00	185.00	195.00	215.00	275.00	220.00	90.00
90th %tile	220.00	205.00	210.00	220.00	200.00	215.00	195.00	205.00	220.00	205.00	205.00	255.00	210.00	235.00	235.00	275.00	245.00	100.00
95th %tile	245.00	225.00	225.00	230.00	230.00	225.00	205.00	235.00	235.00	225.00	220.00	295.00	235.00	260.00	245.00	290.00	400.00	115.00
98th %tile	285.00	245.00	245.00	230.00	230.00	245.00	205.00	270.00	525.00	300.00	280.00	305.00	245.00	290.00	310.00	290.00	560.00	115.00
99th %tile	310.00	260.00	245.00	230.00	230.00	245.00	205.00	275.00	525.00	650.00	395.00	325.00	365.00	340.00	310.00	290.00	560.00	115.00
Max Value	650.00	310.00	245.00	230.00	230.00	245.00	205.00	335.00	525.00	650.00	395.00	325.00	365.00	465.00	310.00	290.00	560.00	115.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Molybdenum [Mo]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



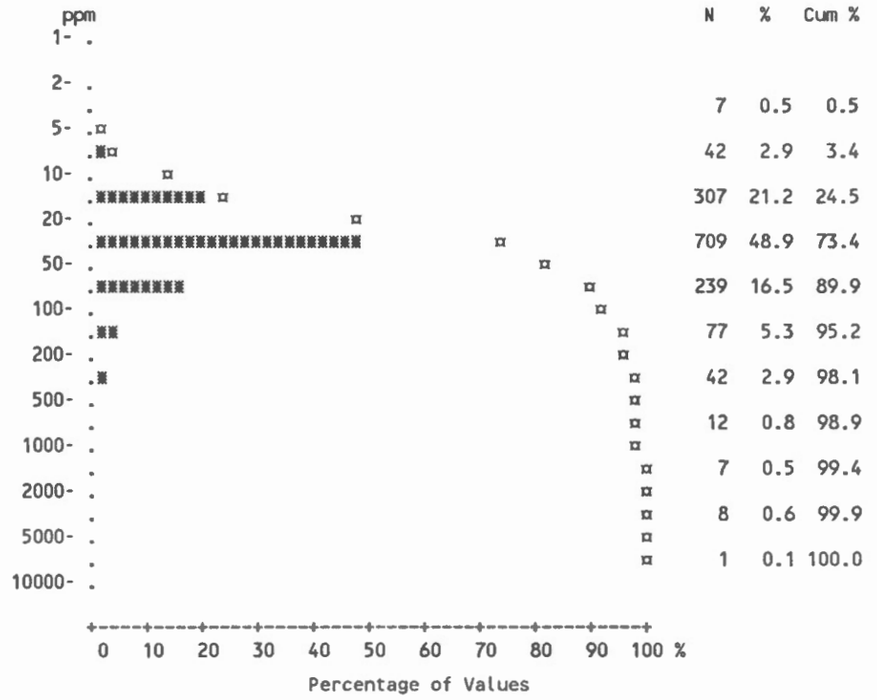
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	247	126	4	7	5	4	0	39	2	4	9	3	5	17	7	0	2	12
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.35	1.97	1.24	2.00	1.67	1.30	-	1.30	1.09	1.08	1.24	1.05	1.13	1.06	1.53	-	1.21	2.07
Standard Deviation	1.13	1.89	0.60	1.18	0.98	1.20	-	0.81	0.29	0.45	0.97	0.21	0.43	0.33	1.58	-	0.96	1.57
Skewness	5.99	3.90	2.16	1.32	1.14	4.80	-	5.25	2.65	7.42	5.06	4.23	3.37	7.17	3.59	-	4.48	1.07
Excess Kurtosis	53.85	21.99	3.27	0.99	0.033	23.54	-	40.43	5.29	59.43	26.32	16.11	10.67	63.95	12.86	-	19.38	-0.39
Coef. of Var. %	83.42	96.10	48.16	59.16	59.08	92.40	-	62.57	26.97	42.06	78.12	20.21	38.38	30.91	103.18	-	78.79	76.17
Std. Error of the Mean	0.03	0.11	0.12	0.36	0.28	0.20	-	0.058	0.063	0.047	0.10	0.026	0.058	0.016	0.26	-	0.18	0.29
Lower 95% limit on Mean	1.30	1.76	0.99	1.21	1.04	0.90	-	1.19	0.96	0.98	1.03	0.99	1.01	1.03	0.99	-	0.84	1.48
Upper 95% limit on Mean	1.41	2.18	1.49	2.79	2.29	1.70	-	1.42	1.22	1.17	1.44	1.10	1.24	1.09	2.06	-	1.59	2.65
Geometric Statistics																		
Mean	1.19	1.55	1.15	1.75	1.46	1.13	-	1.19	1.07	1.04	1.11	1.03	1.08	1.04	1.24	-	1.09	1.63
Log10 Mean	0.07	0.19	0.062	0.24	0.17	0.054	-	0.074	0.027	0.018	0.046	0.014	0.034	0.016	0.095	-	0.039	0.21
Log10 S.D.	0.18	0.27	0.15	0.23	0.22	0.18	-	0.16	0.089	0.090	0.16	0.064	0.11	0.078	0.23	-	0.16	0.29
Log10 Std. Error of Mean	0.00	0.015	0.030	0.068	0.064	0.029	-	0.011	0.019	0	0.017	0	0.015	0	0.038	-	0.029	0.052
Lower 95% limit on Mean	1.16	1.45	1.00	1.23	1.06	0.99	-	1.13	0.97	1.00	1.03	1.00	1.01	1.02	1.04	-	0.95	1.28
Upper 95% limit on Mean	1.21	1.66	1.33	2.49	2.02	1.30	-	1.25	1.17	1.09	1.20	1.07	1.16	1.06	1.48	-	1.26	2.09
Percentiles																		
Min Value	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00
25th %tile	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00
50th %tile	1.00	1.00	1.00	2.00	1.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00
75th %tile	1.00	2.00	1.00	2.00	2.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	4.00
80th %tile	1.00	3.00	1.00	2.00	2.00	1.00	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	4.00
90th %tile	2.00	4.00	2.00	3.00	3.00	2.00	-	2.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	-	1.00	4.00
95th %tile	3.00	5.00	3.00	5.00	4.00	3.00	-	3.00	2.00	1.00	2.00	1.00	2.00	1.00	6.00	-	2.00	5.00
98th %tile	5.00	8.00	3.00	5.00	4.00	8.00	-	4.00	2.00	2.00	7.00	2.00	3.00	2.00	9.00	-	6.00	6.00
99th %tile	6.00	9.00	3.00	5.00	4.00	8.00	-	4.00	2.00	5.00	7.00	2.00	3.00	3.00	9.00	-	6.00	6.00
Max Value	18.00	18.00	3.00	5.00	4.00	8.00	-	9.00	2.00	5.00	7.00	2.00	3.00	5.00	9.00	-	6.00	6.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Nickel [Ni]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



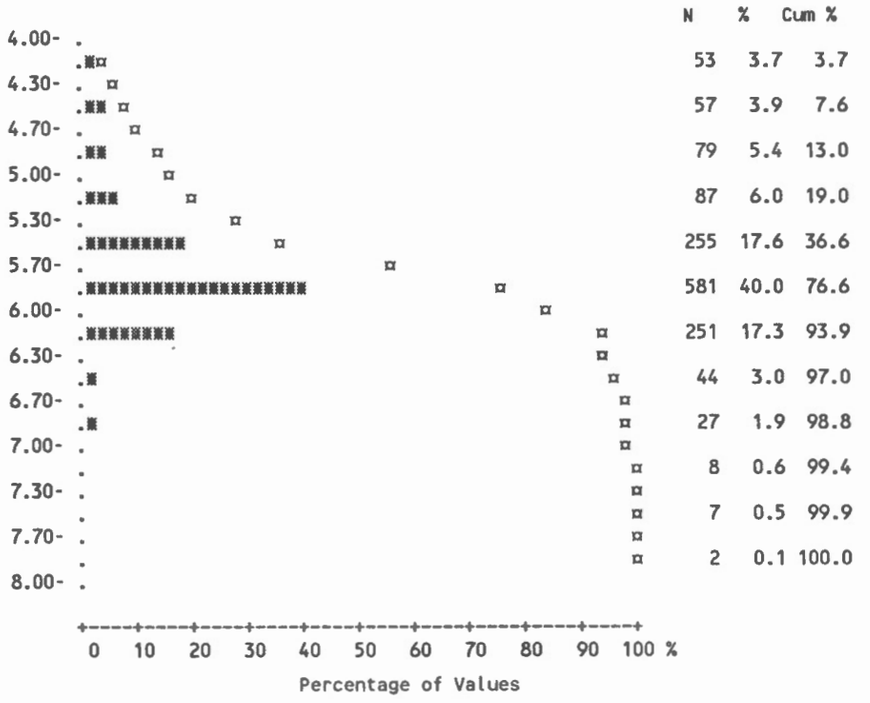
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	82.88	24.54	27.48	30.00	87.75	32.00	343.36	40.14	214.27	124.29	259.49	104.35	46.13	55.15	154.44	933.42	134.43	23.90
Standard Deviation	333.31	21.98	12.88	13.97	107.27	16.19	982.47	20.37	513.51	444.15	874.81	405.41	26.29	84.19	288.92	1115.10	182.78	16.49
Skewness	14.07	3.65	1.56	0.73	1.39	1.30	2.47	2.39	2.59	8.11	7.86	7.40	2.54	7.37	4.37	0.86	2.84	1.46
Excess Kurtosis	262.24	15.49	2.33	-0.81	0.38	1.47	4.51	10.27	5.23	69.46	65.99	54.92	10.91	74.95	20.41	-0.87	8.48	3.03
Coef. of Var. %	402.17	89.60	46.86	46.57	122.25	50.59	286.13	50.74	239.65	357.36	337.12	388.50	57.00	152.64	187.07	119.46	135.97	69.01
Std. Error of the Mean	8.75	1.25	2.58	4.21	30.97	2.66	296.22	1.45	109.48	46.56	92.73	50.29	3.55	4.23	48.15	321.90	34.54	3.01
Lower 95% limit on Mean	65.71	22.07	22.16	20.61	19.59	26.60	-316.63	37.27	-13.45	31.76	75.16	3.89	39.02	46.85	56.62	224.91	63.55	17.74
Upper 95% limit on Mean	100.04	27.00	32.80	39.39	155.91	37.40	1003.35	43.01	441.99	216.81	443.83	204.82	53.24	63.46	252.27	1641.92	205.31	30.06
Geometric Statistics																		
Mean	36.85	19.87	25.26	27.36	50.81	28.72	64.05	36.13	54.35	50.58	93.14	42.45	40.46	37.78	82.58	404.45	81.44	18.86
Log10 Mean	1.57	1.30	1.40	1.44	1.71	1.46	1.81	1.56	1.74	1.70	1.97	1.63	1.61	1.58	1.92	2.61	1.91	1.28
Log10 S.D.	0.40	0.26	0.17	0.19	0.45	0.20	0.60	0.20	0.58	0.41	0.49	0.38	0.23	0.33	0.43	0.62	0.41	0.32
Log10 Std. Error of Mean	0.01	0.015	0.035	0.058	0.13	0.033	0.18	0.014	0.12	0.043	0.052	0.047	0.031	0.016	0.071	0.18	0.077	0.059
Lower 95% limit on Mean	35.16	18.60	21.42	20.28	26.39	24.62	25.44	33.84	30.00	41.58	73.49	34.20	35.14	35.07	59.22	162.64	56.65	14.28
Upper 95% limit on Mean	38.62	21.23	29.80	36.89	97.83	33.50	161.29	38.57	98.46	61.52	118.04	52.70	46.58	40.71	115.14	1005.78	117.07	24.91
Percentiles																		
Min Value	3.00	4.00	14.00	15.00	14.00	14.00	22.00	3.00	14.00	16.00	11.00	10.00	10.00	5.00	16.00	49.00	18.00	3.00
25th %tile	21.00	14.00	19.00	18.00	27.00	22.00	31.00	28.00	27.00	30.00	44.00	26.00	30.00	23.00	51.00	106.00	49.00	11.00
50th %tile	33.00	19.00	22.00	30.00	35.00	25.00	48.00	35.00	33.00	40.00	68.00	36.00	43.00	35.00	73.00	313.00	73.00	20.00
75th %tile	52.00	27.00	31.00	41.00	100.00	40.00	73.00	47.00	56.00	54.00	140.00	51.00	58.00	56.00	104.00	2005.00	120.00	35.00
80th %tile	60.00	30.00	38.00	41.00	116.00	43.00	73.00	51.00	64.00	86.00	168.00	54.00	61.00	63.00	111.00	2035.00	154.00	35.00
90th %tile	104.00	42.00	44.00	47.00	266.00	58.00	87.00	65.00	398.00	187.00	538.00	106.00	72.00	98.00	363.00	2100.00	389.00	42.00
95th %tile	190.00	58.00	47.00	59.00	343.00	65.00	3305.00	80.00	1610.00	452.00	779.00	279.00	84.00	155.00	463.00	3315.00	448.00	43.00
98th %tile	463.00	122.00	70.00	59.00	343.00	85.00	3305.00	103.00	1935.00	809.00	1670.00	372.00	85.00	325.00	1710.00	3315.00	900.00	83.00
99th %tile	1450.00	137.00	70.00	59.00	343.00	85.00	3305.00	119.00	1935.00	4125.00	8000.00	3280.00	183.00	382.00	1710.00	3315.00	900.00	83.00
Max Value	8000.00	152.00	70.00	59.00	343.00	85.00	3305.00	175.00	1935.00	4125.00	8000.00	3280.00	183.00	1115.00	1710.00	3315.00	900.00	83.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - pH [pH]
Number of Values - 1451
Units -
Detection Limit -
Analytical Method - GCM



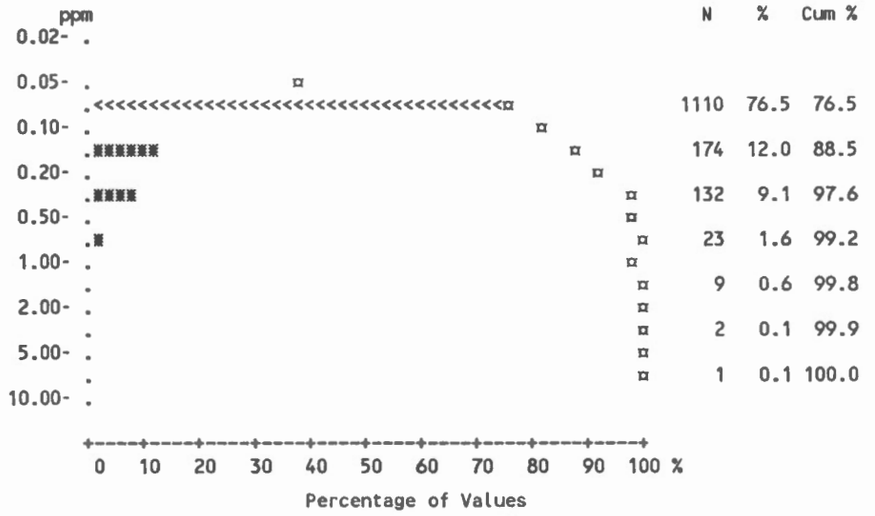
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	5.69	5.54	5.74	5.62	5.37	5.70	5.85	5.40	5.95	5.68	5.90	5.66	5.99	5.78	5.53	5.29	5.73	7.05
Standard Deviation	0.58	0.45	0.30	0.37	0.66	0.43	0.54	0.73	0.36	0.73	0.49	0.46	0.29	0.43	0.62	0.89	0.62	0.39
Skewness	-0.65	-1.20	0.69	-0.45	-0.15	-1.31	-2.14	-0.13	-1.29	-0.84	-1.67	-1.36	-1.43	-1.15	-1.10	-0.51	-0.95	0.30
Excess Kurtosis	1.44	1.75	0.61	-1.15	-1.86	1.70	3.51	-0.32	1.61	-0.43	4.55	1.62	2.32	2.03	0.63	-1.61	0.71	-1.10
Coef. of Var. %	10.16	8.07	5.30	6.65	12.32	7.55	9.15	13.53	6.05	12.82	8.31	8.07	4.86	7.52	11.12	16.89	10.82	5.57
Std. Error of the Mean	0.02	0.025	0.061	0.11	0.19	0.071	0.16	0.052	0.077	0.076	0.052	0.057	0.039	0.022	0.10	0.26	0.12	0.072
Lower 95% limit on Mean	5.66	5.49	5.62	5.37	4.95	5.56	5.49	5.30	5.79	5.52	5.80	5.55	5.91	5.74	5.33	4.72	5.49	6.90
Upper 95% limit on Mean	5.72	5.59	5.87	5.87	5.80	5.84	6.21	5.51	6.10	5.83	6.01	5.78	6.07	5.83	5.74	5.86	5.97	7.19
Geometric Statistics																		
Mean	5.66	5.52	5.74	5.61	5.34	5.68	5.83	5.35	5.93	5.63	5.88	5.64	5.98	5.77	5.50	5.22	5.69	7.04
Log10 Mean	0.75	0.74	0.76	0.75	0.73	0.75	0.77	0.73	0.77	0.75	0.77	0.75	0.78	0.76	0.74	0.72	0.76	0.85
Log10 S.D.	0.05	0.037	0.023	0.029	0.054	0.035	0.045	0.060	0.028	0.060	0.040	0.037	0.022	0.035	0.052	0.078	0.051	0.024
Log10 Std. Error of Mean	0.00	0	0	0	0.016	0	0.014	0	0	0	0	0	0	0	0	0.023	0	0
Lower 95% limit on Mean	5.63	5.47	5.61	5.36	4.93	5.53	5.44	5.25	5.77	5.47	5.77	5.53	5.90	5.72	5.28	4.65	5.44	6.89
Upper 95% limit on Mean	5.69	5.58	5.86	5.87	5.78	5.84	6.25	5.46	6.10	5.79	6.00	5.77	6.06	5.81	5.73	5.85	5.96	7.18
Percentiles																		
Min Value	3.80	4.00	5.20	4.90	4.50	4.30	4.30	3.90	4.90	4.00	3.90	4.30	5.10	4.00	3.80	3.90	4.00	6.40
25th %tile	5.50	5.40	5.50	5.30	4.60	5.60	5.90	4.70	5.90	5.30	5.80	5.60	5.90	5.60	5.40	4.20	5.50	6.70
50th %tile	5.80	5.70	5.70	5.70	5.60	5.80	5.90	5.60	6.00	6.00	6.00	5.80	6.00	5.90	5.60	5.70	5.80	7.00
75th %tile	6.00	5.80	5.90	5.90	5.80	6.00	6.20	5.90	6.10	6.20	6.20	5.90	6.20	6.10	5.90	5.80	6.10	7.30
80th %tile	6.10	5.80	5.90	5.90	6.10	6.10	6.20	5.90	6.20	6.20	6.20	5.90	6.20	6.10	6.00	5.90	6.20	7.50
90th %tile	6.20	5.90	6.10	6.00	6.10	6.10	6.20	6.10	6.20	6.40	6.30	6.10	6.30	6.20	6.10	6.20	6.40	7.50
95th %tile	6.40	6.00	6.20	6.10	6.20	6.20	6.20	6.50	6.40	6.60	6.50	6.20	6.30	6.30	6.30	6.30	6.50	7.80
98th %tile	6.80	6.20	6.60	6.10	6.20	6.20	6.20	6.90	6.50	6.70	6.90	6.30	6.40	6.50	6.40	6.30	6.80	7.80
99th %tile	7.10	6.20	6.60	6.10	6.20	6.20	6.20	7.40	6.50	6.70	7.00	6.50	6.50	6.50	6.40	6.30	6.80	7.80
Max Value	7.80	6.90	6.60	6.10	6.20	6.20	6.20	7.50	6.50	6.70	7.00	6.50	6.50	7.00	6.40	6.30	6.80	7.80

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Silver [Ag]
Number of Values - 1451
Units - ppm
Detection Limit - 0.2
Analytical Method - AAS



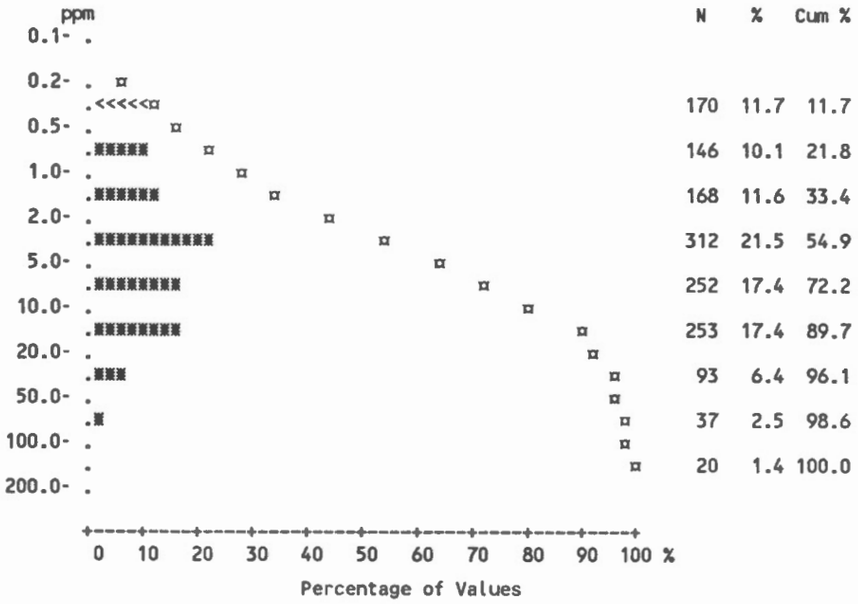
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	167	31	5	1	2	2	1	10	3	10	19	8	7	30	13	9	10	0
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.15	0.12	0.14	0.12	0.15	0.11	0.24	0.11	0.23	0.18	0.24	0.15	0.13	0.12	0.24	0.71	0.21	-
Standard Deviation	0.22	0.075	0.092	0.060	0.12	0.046	0.45	0.055	0.40	0.36	0.59	0.20	0.086	0.10	0.22	0.54	0.17	-
Skewness	13.11	4.13	1.57	2.47	1.95	3.79	2.47	4.65	2.61	5.61	7.85	5.12	2.66	6.44	1.08	0.47	1.02	-
Excess Kurtosis	261.93	23.60	0.82	4.52	2.43	12.67	4.52	22.04	5.16	32.06	66.02	29.29	6.37	54.09	-0.30	-1.27	-0.44	-
Coef. of Var. %	149.88	60.94	63.65	51.02	82.88	41.38	191.34	49.03	171.20	198.33	248.37	130.55	65.54	84.26	88.25	76.73	79.03	-
Std. Error of the Mean	0.01	0	0.018	0.018	0.036	0	0.14	0	0.085	0.038	0.063	0.025	0.012	0	0.036	0.16	0.032	-
Lower 95% limit on Mean	0.14	0.11	0.11	0.078	0.071	0.096	-0.067	0.10	0.056	0.11	0.11	0.10	0.11	0.11	0.17	0.36	0.15	-
Upper 95% limit on Mean	0.16	0.13	0.18	0.16	0.23	0.13	0.54	0.12	0.41	0.26	0.36	0.20	0.15	0.13	0.32	1.05	0.28	-
Geometric Statistics																		
Mean	0.12	0.11	0.13	0.11	0.13	0.11	0.13	0.11	0.13	0.12	0.14	0.12	0.12	0.11	0.18	0.48	0.17	-
Log10 Mean	-0.93	-0.95	-0.90	-0.96	-0.90	-0.97	-0.89	-0.97	-0.87	-0.92	-0.85	-0.92	-0.93	-0.96	-0.76	-0.32	-0.78	-
Log10 S.D.	0.21	0.16	0.21	0.14	0.23	0.11	0.36	0.12	0.35	0.27	0.32	0.23	0.18	0.16	0.34	0.45	0.30	-
Log10 Std. Error of Mean	0.01	0	0.041	0.043	0.067	0.018	0.11	0	0.075	0.028	0.034	0.029	0.024	0	0.057	0.13	0.058	-
Lower 95% limit on Mean	0.12	0.11	0.10	0.088	0.089	0.098	0.073	0.10	0.094	0.11	0.12	0.11	0.10	0.11	0.13	0.25	0.13	-
Upper 95% limit on Mean	0.12	0.12	0.15	0.14	0.18	0.12	0.23	0.11	0.19	0.14	0.17	0.14	0.13	0.11	0.23	0.93	0.22	-
Percentiles																		
Min Value	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-
25th %tile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-
50th %tile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.50	0.20	-
75th %tile	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.40	0.80	0.30	-
80th %tile	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.30	0.20	0.20	0.20	0.50	1.30	0.40	-
90th %tile	0.30	0.30	0.30	0.20	0.30	0.20	0.10	0.20	0.30	0.30	0.40	0.30	0.30	0.20	0.60	1.60	0.50	-
95th %tile	0.40	0.30	0.30	0.30	0.50	0.30	1.60	0.30	1.40	0.60	0.70	0.30	0.30	0.30	0.70	1.60	0.60	-
98th %tile	0.60	0.30	0.40	0.30	0.50	0.30	1.60	0.30	1.50	2.40	1.10	0.70	0.40	0.50	0.80	1.60	0.60	-
99th %tile	0.80	0.40	0.40	0.30	0.50	0.30	1.60	0.40	1.50	2.50	5.50	1.50	0.50	0.60	0.80	1.60	0.60	-
Max Value	5.50	0.80	0.40	0.30	0.50	0.30	1.60	0.50	1.50	2.50	5.50	1.50	0.50	1.30	0.80	1.60	0.60	-

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Total Alkalinity in Water [Alk-W]
Number of Values - 1451
Units - ppm
Detection Limit - 1
Analytical Method - Tit

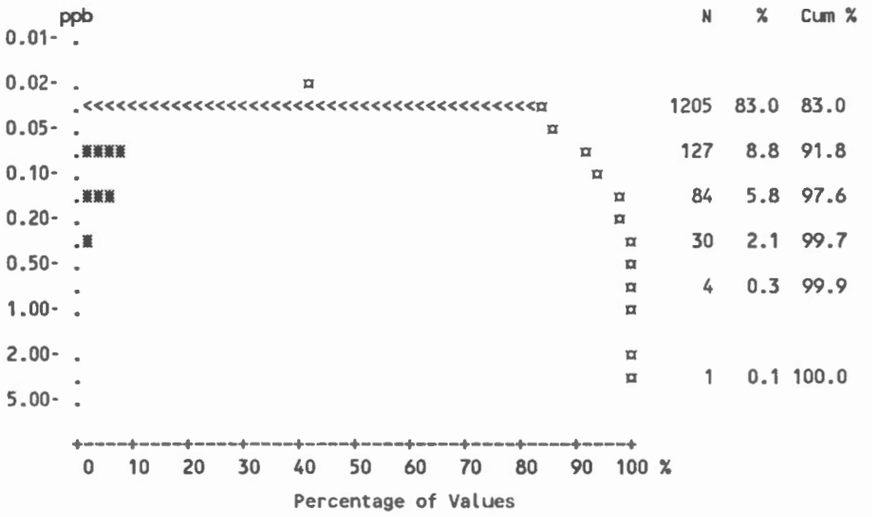


	All Units*	ACSP	MPC	MPGF	MPHL	MPND	MPS
Number of Values	269	34	40	25	32	15	58
Number of Values > D.L.	269	34	40	25	32	15	58
Number of Missing Values	1182	274	156	66	57	50	339
Mean	8.75	8.16	9.02	8.60	8.59	8.50	8.88
Standard Deviation	2.04	2.33	2.00	2.17	2.19	2.07	2.00
Skewness	-1.30	-0.52	-2.22	-0.92	-0.93	-0.76	-1.28
Excess Kurtosis	0.35	-1.67	4.86	-1.08	-1.08	-1.19	-0.21
Coef. of Var. %	23.27	28.52	22.12	25.29	25.53	24.36	22.48
Std. Error of the Mean	0.12	0.40	0.32	0.43	0.39	0.53	0.26
Lower 95% limit on Mean	8.50	7.35	8.39	7.70	7.80	7.35	8.35
Upper 95% limit on Mean	8.99	8.97	9.66	9.50	9.38	9.65	9.40
Geometric Statistics							
Mean	8.42	7.79	8.58	8.27	8.26	8.22	8.60
Log10 Mean	0.93	0.89	0.93	0.92	0.92	0.91	0.93
Log10 S.D.	0.13	0.14	0.17	0.13	0.13	0.12	0.12
Log10 Std. Error of Mean	0.01	0.024	0.028	0.026	0.023	0.032	0.016
Lower 95% limit on Mean	8.11	6.96	7.55	7.31	7.41	7.03	8.00
Upper 95% limit on Mean	8.74	8.72	9.76	9.36	9.21	9.61	9.24
Percentiles							
Min Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50
25th %tile	2.00	1.00	0.50	1.00	4.00	2.00	3.00
50th %tile	5.00	3.00	2.00	8.00	9.00	4.00	7.00
75th %tile	11.00	5.00	7.00	20.00	18.00	8.00	13.00
80th %tile	14.00	5.00	8.00	20.00	20.00	9.00	15.00
90th %tile	21.00	7.00	12.00	44.00	27.00	14.00	20.00
95th %tile	39.00	11.00	56.00	56.00	35.00	20.00	31.00
98th %tile	70.00	19.00	108.00	67.00	51.00	27.00	45.00
99th %tile	114.00	20.00	147.00	68.00	64.00	56.00	60.00
Max Value	189.00	26.00	160.00	68.00	64.00	56.00	87.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Uranium in Water [U-W]
Number of Values - 1451
Units - ppb
Detection Limit - 0.05
Analytical Method - LIF



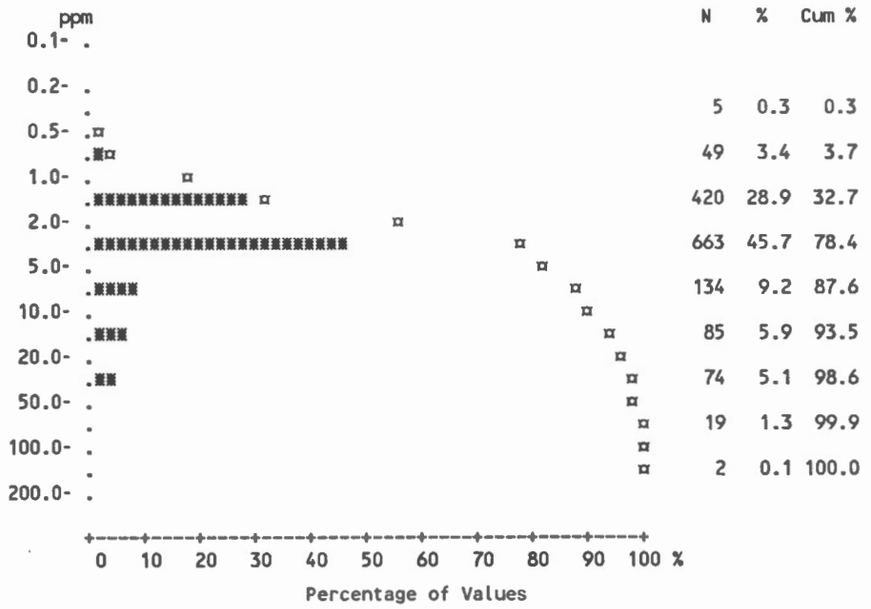
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	246	151	6	3	0	1	0	11	5	9	8	4	3	23	3	0	1	14
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.05	0.098	0.047	0.045	-	0.026	-	0.029	0.050	0.034	0.031	0.029	0.031	0.029	0.032	-	0.028	0.078
Standard Deviation	0.12	0.24	0.050	0.040	-	0	-	0.019	0.048	0.029	0.021	0.017	0.030	0.030	0.026	-	0.018	0.064
Skewness	25.88	13.35	2.74	1.70	-	0	-	4.59	1.25	3.27	4.01	3.83	6.27	14.31	3.59	-	4.74	0.69
Excess Kurtosis	841.09	208.21	7.84	1.68	-	0	-	20.67	-0.40	9.75	16.42	13.46	40.34	240.23	11.91	-	21.21	-1.03
Coef. of Var. %	251.34	242.65	106.96	88.87	-	28.22	-	63.46	95.31	85.80	67.33	57.49	98.20	103.02	81.74	-	63.23	82.80
Std. Error of the Mean	0.00	0.014	0.010	0.012	-	0	-	0	0.010	0	0	0	0	0	0	-	0	0.012
Lower 95% limit on Mean	0.04	0.071	0.026	0.018	-	0.024	-	0.027	0.029	0.028	0.026	0.025	0.022	0.026	0.023	-	0.021	0.054
Upper 95% limit on Mean	0.05	0.12	0.068	0.071	-	0.029	-	0.032	0.071	0.040	0.035	0.033	0.039	0.032	0.041	-	0.035	0.10
Geometric Statistics																		
Mean	0.03	0.055	0.035	0.035	-	0.026	-	0.027	0.037	0.029	0.028	0.027	0.027	0.027	0.028	-	0.026	0.054
Log10 Mean	-1.49	-1.26	-1.45	-1.45	-	-1.59	-	-1.57	-1.44	-1.54	-1.55	-1.57	-1.57	-1.57	-1.55	-	-1.58	-1.27
Log10 S.D.	0.27	0.40	0.29	0.27	-	0.074	-	0.14	0.32	0.20	0.16	0.14	0.16	0.13	0.18	-	0.13	0.38
Log10 Std. Error of Mean	0.01	0.023	0.057	0.083	-	0.012	-	0	0.067	0.021	0.017	0.017	0.021	0	0.030	-	0.024	0.069
Lower 95% limit on Mean	0.03	0.050	0.027	0.023	-	0.024	-	0.026	0.027	0.026	0.026	0.025	0.025	0.026	0.024	-	0.024	0.039
Upper 95% limit on Mean	0.03	0.061	0.046	0.054	-	0.027	-	0.028	0.051	0.032	0.030	0.029	0.030	0.028	0.032	-	0.030	0.075
Percentiles																		
Min Value	0.03	0.025	0.025	0.025	-	0.025	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.025	0.025
25th %tile	0.03	0.025	0.025	0.025	-	0.025	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.025	0.025
50th %tile	0.03	0.025	0.025	0.025	-	0.025	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.025	0.025
75th %tile	0.03	0.10	0.025	0.060	-	0.025	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.025	0.13
80th %tile	0.03	0.13	0.070	0.060	-	0.025	-	0.025	0.12	0.025	0.025	0.025	0.025	0.025	0.025	-	0.025	0.13
90th %tile	0.09	0.21	0.10	0.080	-	0.025	-	0.025	0.14	0.050	0.025	0.025	0.025	0.025	0.025	-	0.025	0.17
95th %tile	0.15	0.28	0.11	0.15	-	0.025	-	0.070	0.14	0.12	0.070	0.070	0.070	0.060	0.12	-	0.050	0.19
98th %tile	0.22	0.43	0.25	0.15	-	0.070	-	0.13	0.15	0.15	0.14	0.10	0.070	0.070	0.15	-	0.12	0.22
99th %tile	0.31	0.53	0.25	0.15	-	0.070	-	0.13	0.15	0.17	0.14	0.11	0.24	0.12	0.15	-	0.12	0.22
Max Value	3.90	3.90	0.25	0.15	-	0.070	-	0.14	0.15	0.17	0.14	0.11	0.24	0.56	0.15	-	0.12	0.22

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Uranium [U]
Number of Values - 1451
Units - ppm
Detection Limit - 0.5
Analytical Method - NADNC



	N	%	Cum %
0.1			
0.2	5	0.3	0.3
0.5	49	3.4	3.7
1.0	420	28.9	32.7
2.0	663	45.7	78.4
5.0	134	9.2	87.6
10.0	85	5.9	93.5
20.0	74	5.1	98.6
50.0	19	1.3	99.9
100.0	2	0.1	100.0
200.0			

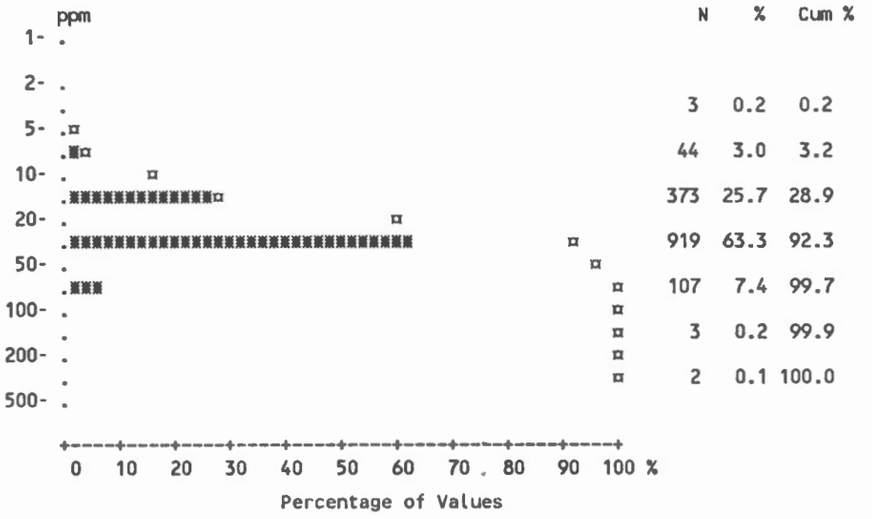
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1450	308	25	11	12	37	11	196	22	91	88	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	5.97	17.32	4.96	8.53	4.47	2.16	2.07	3.08	3.15	3.25	3.09	2.87	4.59	2.41	2.08	1.68	1.81	1.73
Standard Deviation	11.51	20.87	2.94	10.64	6.59	1.24	0.54	2.13	1.21	2.81	1.43	2.18	4.16	1.47	0.89	0.43	0.71	0.73
Skewness	6.50	3.35	1.18	1.64	2.52	1.59	-0.33	3.60	0.50	2.39	1.58	2.11	3.78	3.81	0.99	0.20	1.55	0
Excess Kurtosis	68.83	19.16	0.36	1.76	5.01	2.93	-0.88	17.98	-1.07	5.39	3.98	4.92	15.29	20.27	0.25	-1.39	3.96	-1.10
Coef. of Var. %	192.86	120.54	59.31	124.72	147.25	57.50	26.08	69.29	38.40	86.32	46.37	75.96	90.68	60.87	42.68	25.31	39.12	42.10
Std. Error of the Mean	0.30	1.19	0.59	3.21	1.90	0.20	0.16	0.15	0.26	0.29	0.15	0.27	0.56	0.074	0.15	0.12	0.13	0.13
Lower 95% limit on Mean	5.38	14.98	3.75	1.38	0.29	1.74	1.71	2.78	2.62	2.67	2.79	2.33	3.47	2.27	1.78	1.41	1.54	1.46
Upper 95% limit on Mean	6.56	19.66	6.18	15.67	8.66	2.57	2.44	3.38	3.69	3.84	3.40	3.41	5.72	2.56	2.38	1.95	2.09	2.00
Geometric Statistics																		
Mean	3.25	9.69	4.28	4.58	2.95	1.86	2.00	2.66	2.94	2.60	2.79	2.32	3.83	2.16	1.92	1.63	1.70	1.56
Log10 Mean	0.51	0.99	0.63	0.66	0.47	0.27	0.30	0.43	0.47	0.42	0.45	0.37	0.58	0.33	0.28	0.21	0.23	0.19
Log10 S.D.	0.39	0.49	0.24	0.51	0.33	0.25	0.13	0.22	0.17	0.26	0.21	0.27	0.22	0.19	0.18	0.11	0.16	0.22
Log10 Std. Error of Mean	0.01	0.028	0.047	0.15	0.095	0.041	0.039	0.016	0.035	0.027	0.023	0.034	0.030	0	0.029	0.032	0.030	0.040
Lower 95% limit on Mean	3.10	8.55	3.42	2.07	1.82	1.53	1.64	2.48	2.48	2.30	2.52	1.99	3.33	2.07	1.67	1.39	1.47	1.29
Upper 95% limit on Mean	3.40	10.99	5.36	10.14	4.77	2.25	2.44	2.86	3.49	2.95	3.09	2.72	4.40	2.26	2.20	1.92	1.95	1.88
Percentiles																		
Min Value	0.25	0.90	1.50	0.90	1.80	0.50	1.00	0.70	1.50	1.00	0.25	0.50	1.90	0.60	0.80	1.10	0.80	0.50
25th %tile	1.80	4.10	2.90	2.30	1.90	1.40	1.70	1.90	2.10	1.80	2.20	1.50	2.90	1.70	1.50	1.30	1.30	1.20
50th %tile	2.50	9.80	3.90	3.40	2.30	2.10	2.10	2.50	2.70	2.30	2.80	2.10	3.50	2.10	1.80	1.70	1.80	1.70
75th %tile	4.40	23.70	6.30	12.50	2.50	2.30	2.50	3.30	3.90	3.10	3.50	3.30	4.40	2.70	2.60	1.90	2.10	2.20
80th %tile	5.40	29.20	6.80	12.50	4.30	2.60	2.50	3.80	4.20	3.50	3.70	3.90	4.50	2.80	2.60	1.90	2.20	2.50
90th %tile	12.40	41.80	10.80	14.70	5.40	3.00	2.60	5.10	5.30	6.60	5.00	5.30	7.80	3.60	3.90	2.30	2.50	2.70
95th %tile	26.70	54.90	11.30	37.00	25.10	5.90	2.90	6.60	5.30	10.20	5.20	7.50	11.20	4.80	4.00	2.40	2.70	2.90
98th %tile	42.70	68.50	12.40	37.00	25.10	6.10	2.90	10.00	5.40	13.90	8.40	10.60	20.80	7.20	4.40	2.40	4.40	3.00
99th %tile	55.30	81.50	12.40	37.00	25.10	6.10	2.90	16.70	5.40	14.80	8.90	11.80	26.50	10.30	4.40	2.40	4.40	3.00
Max Value	193.00	193.00	12.40	37.00	25.10	6.10	2.90	17.20	5.40	14.80	8.90	11.80	26.50	13.20	4.40	2.40	4.40	3.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Vanadium [V]
Number of Values - 1451
Units - ppm
Detection Limit - 5
Analytical Method - AAS



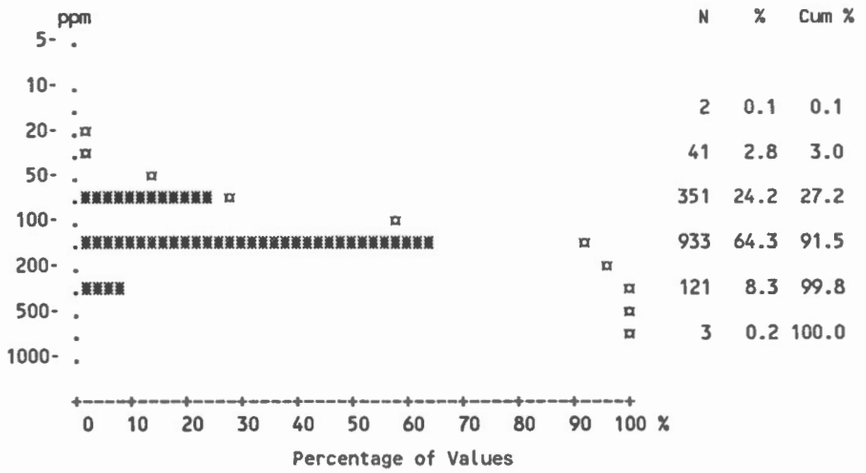
Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1449	306	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	30.22	29.58	33.64	27.36	29.33	28.43	36.09	29.04	28.77	28.90	32.79	27.88	31.93	32.11	34.72	25.58	26.96	21.50
Standard Deviation	17.16	25.80	13.70	9.39	9.91	14.21	13.96	12.68	9.49	12.28	13.98	11.29	13.36	13.57	29.61	14.42	12.01	10.85
Skewness	4.79	5.56	0.61	0.71	0.27	0.76	-0.086	1.16	0.15	0.96	0.53	0.46	0.40	0.57	4.12	1.47	0.62	0.061
Excess Kurtosis	54.93	45.10	-0.40	-0.89	-1.17	0.13	-1.58	1.56	-1.19	1.87	-0.16	-0.78	-0.43	-0.010	19.22	1.44	-0.25	-1.18
Coef. of Var. %	56.80	87.22	40.73	34.33	33.79	49.98	38.68	43.67	32.97	42.48	42.65	40.51	41.83	42.27	85.26	56.36	44.53	50.48
Std. Error of the Mean	0.45	1.47	2.74	2.83	2.86	2.34	4.21	0.91	2.02	1.29	1.48	1.40	1.80	0.68	4.93	4.16	2.27	1.98
Lower 95% limit on Mean	29.33	26.69	27.98	21.05	23.04	23.69	26.71	27.25	24.57	26.34	29.84	25.08	28.32	30.77	24.70	16.42	22.31	17.45
Upper 95% limit on Mean	31.10	32.48	39.30	33.67	35.63	33.17	45.47	30.82	32.98	31.46	35.73	30.68	35.54	33.45	44.75	34.74	31.62	25.55
Geometric Statistics																		
Mean	26.75	24.25	30.98	26.04	27.78	25.09	33.30	26.61	27.20	26.46	29.77	25.61	28.94	29.19	29.08	22.81	24.39	18.28
Log10 Mean	1.43	1.38	1.49	1.42	1.44	1.40	1.52	1.43	1.43	1.42	1.47	1.41	1.46	1.47	1.46	1.36	1.39	1.26
Log10 S.D.	0.22	0.26	0.18	0.14	0.15	0.23	0.19	0.18	0.15	0.19	0.20	0.18	0.21	0.20	0.24	0.21	0.20	0.27
Log10 Std. Error of Mean	0.01	0.015	0.037	0.043	0.044	0.037	0.058	0.013	0.033	0.019	0.021	0.023	0.028	0	0.040	0.060	0.039	0.050
Lower 95% limit on Mean	26.08	22.66	25.99	20.92	22.23	21.11	24.76	25.09	23.27	24.21	27.04	23.05	25.47	27.92	24.07	16.81	20.34	14.46
Upper 95% limit on Mean	27.45	25.94	36.93	32.40	34.70	29.83	44.79	28.22	31.80	28.93	32.77	28.45	32.89	30.52	35.12	30.94	29.26	23.12
Percentiles																		
Min Value	2.50	2.50	10.00	17.00	16.00	9.00	14.00	10.00	13.00	11.00	11.00	9.00	7.00	6.00	8.00	12.00	9.00	5.00
25th %tile	19.00	16.00	24.00	19.00	21.00	16.00	22.00	19.00	22.00	18.00	22.00	19.00	22.00	22.00	18.00	16.00	19.00	12.00
50th %tile	27.00	24.00	29.00	24.00	27.00	25.00	35.00	26.00	25.00	29.00	32.00	26.00	30.00	31.00	30.00	21.00	25.00	21.00
75th %tile	38.00	37.00	42.00	32.00	37.00	37.00	49.00	35.00	36.00	36.00	42.00	36.00	41.00	41.00	37.00	28.00	36.00	29.00
80th %tile	41.00	40.00	43.00	32.00	39.00	38.00	49.00	38.00	36.00	38.00	45.00	39.00	42.00	43.00	39.00	29.00	37.00	29.00
90th %tile	48.00	48.00	52.00	41.00	39.00	47.00	52.00	47.00	41.00	45.00	50.00	44.00	50.00	51.00	54.00	40.00	40.00	36.00
95th %tile	55.00	60.00	63.00	46.00	48.00	63.00	56.00	52.00	45.00	49.00	56.00	47.00	59.00	56.00	61.00	64.00	53.00	38.00
98th %tile	64.00	85.00	64.00	46.00	48.00	67.00	56.00	65.00	45.00	52.00	69.00	52.00	63.00	63.00	192.00	64.00	56.00	42.00
99th %tile	76.00	118.00	64.00	46.00	48.00	67.00	56.00	72.00	45.00	81.00	74.00	54.00	63.00	67.00	192.00	64.00	56.00	42.00
Max Value	280.00	280.00	64.00	46.00	48.00	67.00	56.00	81.00	45.00	81.00	74.00	54.00	63.00	81.00	192.00	64.00	56.00	42.00

* Summary statistics not calculated for rock units with less than 10 values.

Statistics per Variable

Variable - Zinc [Zn]
Number of Values - 1451
Units - ppm
Detection Limit - 2
Analytical Method - AAS



	N	%	Cum %
5-			
10-			
	2	0.1	0.1
20-			
	41	2.8	3.0
50-			
	351	24.2	27.2
100-			
	933	64.3	91.5
200-			
	121	8.3	99.8
500-			
	3	0.2	100.0
1000-			

Statistics per Variable

	All Units*	ACSP	AMVB	AMVF	LPAD	LPGX	MPBN	MPC	MPEL	MPGF	MPHL	MPND	MPQL	MPS	MPSG	MPSN	MPWG	OSCP
Number of Values	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Values > D.L.	1451	308	25	11	12	37	11	196	22	91	89	65	55	397	36	12	28	30
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	134.03	120.33	108.08	157.82	157.25	142.59	136.45	120.48	157.77	147.11	146.03	118.14	144.67	146.22	150.08	170.17	140.57	92.97
Standard Deviation	58.50	42.89	29.42	101.59	80.32	51.64	42.92	44.18	100.04	92.69	88.76	45.23	41.87	46.48	53.95	134.81	79.02	53.50
Skewness	2.87	0.96	0.41	1.92	0.97	0.59	0.55	0.60	1.34	4.16	3.53	1.06	0.75	0.43	0.62	1.88	2.72	1.32
Excess Kurtosis	24.31	2.24	0.46	2.92	-0.15	-0.031	0.52	0.21	1.63	28.44	20.53	2.09	1.72	1.07	-0.085	2.94	9.18	1.96
Coef. of Var. %	43.65	35.64	27.23	64.37	51.08	36.22	31.46	36.67	63.41	63.01	60.78	38.29	28.94	31.79	35.95	79.22	56.21	57.54
Std. Error of the Mean	1.54	2.44	5.88	30.63	23.19	8.49	12.94	3.16	21.33	9.72	9.41	5.61	5.65	2.33	8.99	38.92	14.93	9.77
Lower 95% limit on Mean	131.02	115.52	95.93	89.57	106.22	125.37	107.62	114.26	113.41	127.80	127.33	106.93	133.35	141.63	131.82	84.51	109.93	72.99
Upper 95% limit on Mean	137.04	125.14	120.23	226.06	208.28	159.82	165.29	126.70	202.14	166.42	164.74	129.35	155.99	150.81	168.35	255.82	171.22	112.94
Geometric Statistics																		
Mean	123.09	112.99	104.12	138.61	140.78	133.38	130.10	112.23	132.52	127.15	126.91	109.97	138.73	138.24	140.85	138.46	126.71	79.80
Log10 Mean	2.09	2.05	2.02	2.14	2.15	2.13	2.11	2.05	2.12	2.10	2.10	2.04	2.14	2.14	2.15	2.14	2.10	1.90
Log10 S.D.	0.18	0.16	0.12	0.22	0.21	0.17	0.15	0.17	0.26	0.24	0.24	0.17	0.13	0.15	0.16	0.28	0.19	0.25
Log10 Std. Error of Mean	0.00	0	0.025	0.066	0.062	0.027	0.044	0.012	0.056	0.025	0.025	0.021	0.018	0	0.027	0.080	0.036	0.046
Lower 95% limit on Mean	120.44	108.50	92.52	99.01	102.98	117.41	103.82	106.21	101.23	113.31	113.08	99.80	127.95	133.53	124.39	92.11	106.87	64.29
Upper 95% limit on Mean	125.80	117.67	117.16	194.05	192.46	151.52	163.02	118.60	173.49	142.69	142.42	121.16	150.42	143.13	159.47	208.15	150.24	99.05
Percentiles																		
Min Value	17.00	36.00	48.00	63.00	53.00	45.00	59.00	30.00	48.00	34.00	20.00	32.00	59.00	40.00	65.00	50.00	59.00	17.00
25th %tile	97.00	91.00	90.00	108.00	100.00	109.00	114.00	87.00	83.00	84.00	100.00	88.00	120.00	121.00	118.00	73.00	86.00	56.00
50th %tile	130.00	117.00	101.00	143.00	123.00	138.00	130.00	116.00	150.00	146.00	134.00	114.00	136.00	147.00	143.00	127.00	137.00	83.00
75th %tile	161.00	140.00	127.00	170.00	169.00	174.00	157.00	144.00	191.00	188.00	182.00	138.00	171.00	173.00	179.00	193.00	157.00	123.00
80th %tile	171.00	150.00	128.00	170.00	173.00	178.00	157.00	155.00	193.00	192.00	188.00	152.00	176.00	178.00	200.00	213.00	161.00	123.00
90th %tile	193.00	176.00	138.00	178.00	286.00	244.00	159.00	183.00	250.00	217.00	220.00	165.00	190.00	200.00	225.00	217.00	178.00	158.00
95th %tile	224.00	200.00	139.00	445.00	335.00	255.00	235.00	211.00	352.00	242.00	263.00	193.00	211.00	227.00	269.00	560.00	255.00	192.00
98th %tile	261.00	226.00	189.00	445.00	335.00	261.00	235.00	231.00	458.00	272.00	365.00	257.00	235.00	263.00	290.00	560.00	478.00	270.00
99th %tile	294.00	238.00	189.00	445.00	335.00	261.00	235.00	244.00	458.00	823.00	740.00	279.00	294.00	291.00	290.00	560.00	478.00	270.00
Max Value	823.00	342.00	189.00	445.00	335.00	261.00	235.00	253.00	458.00	823.00	740.00	279.00	294.00	331.00	290.00	560.00	478.00	270.00

* Summary statistics not calculated for rock units with less than 10 values.

Surficial deposit mapping not available for NTS 41H

0 20 40 60

KILOMETERS - SCALE 1:1000000

SURFICIAL GEOLOGY

Organic and peatland deposits.

Glaciolacustrine and glaciomarine clay and silt; deep water deposits.

Glaciofluvial sand and gravel; includes shallow water glaciolacustrine and glaciomarine deposits.

Till; blanket deposits of unsorted boulders, sand, silt and clay-sized particles.

Till; veneer of glacial sediments over bedrock.

Bedrock; minor patches of thin glacial sediment cover.

SYMBOLS

Moraines; end, recessional and interlobate . . . . . .

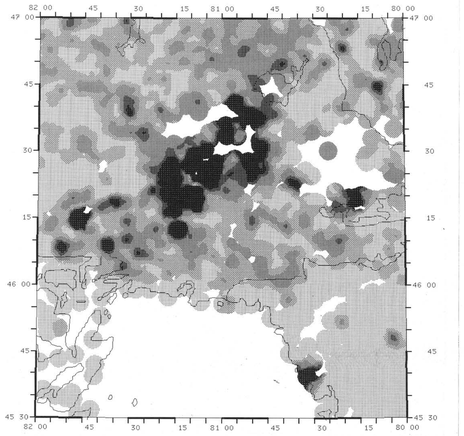
Linear ice flow features; drumlins, drumlinoid forms, crag and tail forms . . . . . .

Esker cccccccccccc

Source of Information:

Sado, E.V., and Carswell, B.F. (compilers), 1987, Surficial Geology of Northern Ontario, OGS Map 2518, Ministry of Northern Development and Mines, Mines and Minerals Division, 1:1,200,000.

NOTE: This legend is common to Open Files 1639 and 1640.



GOLD IN LAKE SEDIMENTS

REGIONAL TREND MAP

0 20 40

KILOMETERS- SCALE 1:1000000

PPB	%TILE
400.0	MAX
6.0	95
4.0	90
2.0	70
1.0	60
0.5	MIN

1451 SAMPLES

Geological Survey of Canada
Mineral Resources Division
Exploration Geochemistry Subdivision

CONTRACTORS

Lake sediment sample collection by SIAL Geophysique Inc., Montreal
Sample preparation by Golder Associates, Ottawa
Sediment chemical analyses by Bondar-Clegg and Company Ltd., Ottawa
Water and Au chemical analysis by Chemex Labs Limited, Vancouver
Geological base prepared by Terra Surveys Ltd., Ottawa
from published material supplied by Geological Survey of Canada

Copies of the Open File map material, element trend and symbol plots, listing of field observations, analytical data, descriptions of analytical methods, and digital data on IBM-PC compatible diskette are available by inquiring to:

Geological Survey of Canada
Publications Distribution
601 Booth Street
Ottawa, Ontario K1A 0E8
Tel.: (613) 995-4342

CANADA ONTARIO Mineral Development Agreement Exploration Minérale

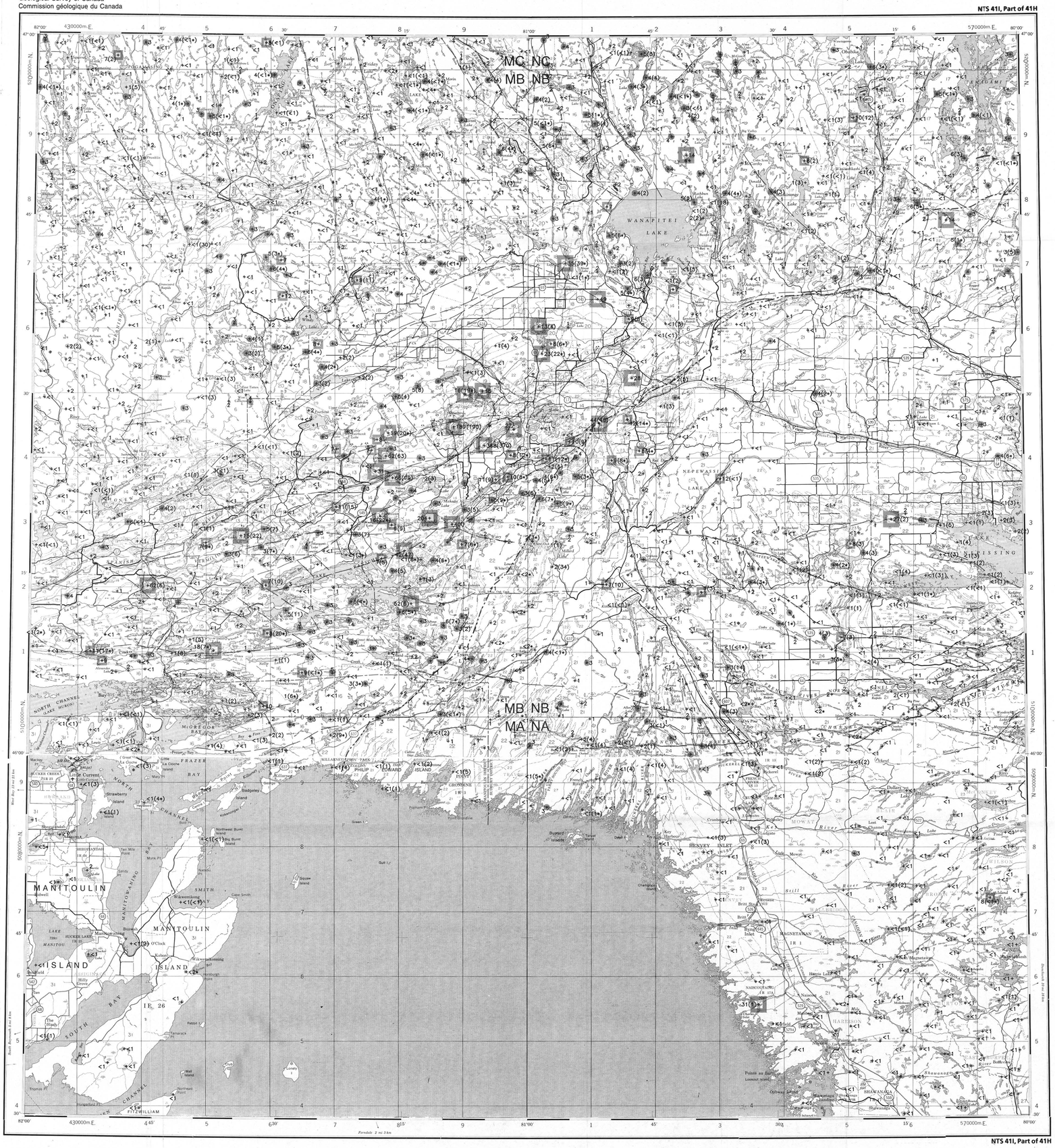
Contribution to Canada-Ontario 1985 Mineral Development Subsidiary Agreement under the Economic and Regional Development Agreement. Project funded by the Geological Survey of Canada.

Contribution à l'Entente auxiliaire Canada/Ontario sur l'exploitation minérale 1985 dans le cadre de l'Entente de développement économique et régional. Ce projet a été financé par la Commission géologique du Canada.

Canada

Geological Survey of Canada
Commission géologique du Canada

NTS 41I, Part of 41H



NTS 41I, Part of 41H

CONCENTRATION		FREQUENCY
13 to 400	⊞	N= 27(1.9%)
7 to 12	⊡	N= 40(2.8%)
5 to 6	▪	N= 41(2.8%)
3 to 4	●	N= 206(14.2%)
<1 to 2	+	N=1137(78.4%)

GEOLOGICAL SURVEY — COMMISSION GÉOLOGIQUE 1842

INDEX MAP — LIEU DE LA CARTE

GOLD (ppb) LAKE SEDIMENTS

GSC OPEN FILE 1639

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 105-87

CANADA — ONTARIO

MINERAL DEVELOPMENT AGREEMENT (1985 — 1990)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

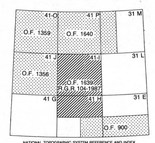
CENTRAL ONTARIO, 1987

Scale 1:250 000 - Échelle 1/250 000

Kilometres 5 0 5 10 15 20 Kilomètres

Elevation in feet above mean sea level

Mean magnetic declination 1988, 9° 26' West, increasing 4.6 annually. Reading vary from 8° 00' in the SW corner to 10° 53' in the NE corner of the map area.



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

GOLD (ppb) LAKE SEDIMENTS

GSC OPEN FILE 1639

CENTRAL ONTARIO, 1987

LEGEND

CENOZOIC

PLEISTOCENE TO RECENT

32 **QUS* 64** Sand, gravel, clay, boulder till, organic deposits.

PALEOZOIC

ORDOVICIAN - SILURIAN

31 **OSCP 19** Limestone, dolostone, shale, sandstone, conglomerate.

CAMBRIAN

30 **CAC 10** Carbonatite, nepheline and alkalic syenites, associated mafic and ultramafic rocks, fenite.

PRECAMBRIAN

LATE PRECAMBRIAN

29 **LPAD 04** Mafic intrusive rocks; diabase, quartz diabase, olivine diabase, gabbro, pyroxenite, serpentinized peridotite, olivine gabbro stocks.

28 **LPAC 04** Carbonatite, nepheline and alkalic syenites and associated mafic and ultramafic rocks, fenite.

GRENVILLE PROVINCE

27 **LPGB 04** Metamorphosed mafic and ultramafic intrusive rocks.

26 **LPGA 04** Gneissic alkalic and nepheline syenite.

25 **LPGF 04** Quartz monzonite, minor granodiorite and derived gneisses.

24 **LPGX 04** Anorthositic intrusive rocks; anorthosite, gabbroic anorthosite, tonalite, diorite, monzonite, sodic, alkalic and quartz syenites, derived gneisses.

MIDDLE AND LATE PRECAMBRIAN

23 **MPBN 04** Mafic and ultramafic intrusive rocks; gneissic gabbro, diorite, amphibolite, peridotite, pyroxenite, minor trondhjemite, possible Nipissing Diabase equivalents.

MIDDLE PRECAMBRIAN

22 **MPGF 04** Felsic intrusive rocks and gneissic equivalents; quartz monzonite, granodiorite, granite, trondhjemite, albite granite, syenite and minor gabbro.

21 **MPS 04** Metasediments; Biotite gneiss, muscovitic and quartzose gneiss, calc-silicate gneiss, quartzo-feldspathic gneiss, gneissic coarse clastic metasediments, meta-conglomerates.

SUPERIOR AND SOUTHERN PROVINCES

SUDBURY NICKEL ERUPTIVE

20 **MPSG 04** Granophyre

19 **MPSN 04** Norite-gabbro, quartz norite, quartz gabbro, and transition sub-layer and offset rocks.

WHITEWATER GROUP

18 **MPWG 04** CHELMSFORD FORMATION: greywacke, siltstone.
ONWATIN FORMATION: carbonaceous shale.
ONAPING FORMATION: lapilli tuff, breccia, felsic flows and intrusions, carbonate and cherty rocks.

NIPISSING DIABASE

17 **MPND 04** Pyroxene and hornblende gabbro, amphibolite, granophyre.

HURONIAN SUPERGROUP

COBALT GROUP

16 **MPC 04** BAR RIVER FORMATION: quartz sandstone, hematitic siltstone, sandstone.
GORDON LAKE FORMATION: siltstone, argillite.
LORRAIN FORMATION: micaceous and aluminous quartz, and quartz-feldspar sandstone, minor conglomerate and siltstone.
GOWGANDA FORMATION: conglomerate, sandstone, siltstone and argillite.

QUIRKE LAKE GROUP

15 **MPQL 04** SERPENT FORMATION: quartz-feldspar sandstone with minor siltstone and conglomerate.
ESPANOLA FORMATION: limestone, dolostone, siltstone, sandstone.
BRUCE FORMATION: conglomerate with minor sandstone and siltstone.

HOUGH LAKE GROUP

14 **MPHL 04** MISSISSAGI FORMATION; quartz-feldspar sandstone, minor siltstone, argillite and conglomerate.
PECORS FORMATION; siltstone, argillite, greywacke.
RAMSAY LAKE FORMATION: conglomerate, minor sandstone and siltstone.

ELLIOT LAKE GROUP

13 **MPEL 04** McKIM FORMATION: siltstone, greywacke, argillite.
MATINENDA FORMATION: quartz-feldspar sandstone with minor conglomerate and siltstone.

12 **MPVB 04** SALMAY LAKE and ELSIE MOUNTAIN FORMATIONS: dominantly mafic metavolcanics with minor felsic volcanics, intercalated metasediments.
COPPER CLIFF FORMATION: dominantly felsic and intermediate metavolcanics, minor intrusions and intercalated metasediments.
STOBIE FORMATION: mafic metavolcanics with abundant intercalated metasediments.

11 **MPB 04** Mafic intrusive rocks; gabbro, anorthositic and porphyritic metagabbro.

EARLY PRECAMBRIAN (ARCHEAN)

10 **AGM 02** Massive felsic to intermediate plutonic rocks; granite, granodiorite, tonalite, quartz monzonite, monzo-diorite, pegmatite.

9 **AGN 02** Foliated to gneissic felsic to intermediate plutonic rocks; granite, granodiorite, tonalite, quartz monzonite, diorite, migmatite.

8 **AGY 02** Syenite, monzonite, feldspar porphyry.

7 **AUB 02** Mafic and ultramafic intrusive rocks, including gabbro, diorite, and serpentinized ultramafics.

6 **ACSP 02** Metasediments; greywacke, arkose, quartzite, conglomerate, argillaceous and migmatized metasediments, biotite-quartz-feldspar schist and gneiss.

5 **AMVA 02** Alkalic metavolcanics; trachyte, leucitic trachyte, flows, tuffs, breccia.

4 **AMVU 02** Ultramafic metavolcanics; serpentinized dunitic and peridotitic flows.

3 **AMVF 02** Felsic to intermediate metavolcanics; rhyolite to dacite flows and fragmentals, tuff, lapilli-tuff, agglomerate, breccia, porphyritic flows.

2 **AMVB 02** Mafic to intermediate metavolcanics; basalt to andesite flows, porphyritic flows, and pillows lavas, mafic pyroclastics, layered amphibolite, diorite, gabbro, migmatized mafic metavolcanics.

1 **IF 02** Iron formation.

*A mnemonic code assigned to rock types and recorded as part of field observations.

Geological boundary; approximate, assumed . . . . . ~~~

Fault . . . . . ~~~

No analytical results . . . . . *

Field duplicate site . . . . . *

Geology base and legend for these geochemical maps were derived from:

Ayres, L.D., Lumbers, S.B., Milne, V.G., Robeson, D.W., 1970, Ontario Geological Map Southern Sheet, Map 2197, Ontario Department of Mines and Northern Affairs, 1:1,013,760.

Card, K.D., and Lumbers, S.B., 1975, Sudbury - Cobalt, Geology Compilation Series, Map 2361, Ontario Geological Survey, 1:253,440.

Douglas, R.J.W. (coordinator), Sanford, B.V., and Baer, A.J., 1971, Southern Ontario, Map 1335A, Geological Survey of Canada, 1:1,000,000 Geological Atlas.

McCrank, G.F.D., Misiura, J.D., and Brown, P.A., 1979, Geology - Plutonic Rocks in Ontario, Map 1533A, GeologicalSurvey ofCanada, to accompany GSC P 80-23, 1:1,000,000.

Pyke, D.R., Ayres, L.D., and Innes, D.G., 1971, Timmins - Kirkland Lake, Geology Compilation Series, Map 2205, Ontario Geological Survey, 1:253,440.

NOTE: The geology legend is common to both GSC Open Files 1639 and 1640.

GOLD (ppb) LAKE SEDIMENTS
GSC OPEN FILE 1639
CENTRAL ONTARIO, 1987

Surficial deposit mapping not available for NTS 41H

0 20 40 60

KILOMETERS - SCALE 1:1000000

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SYMBOLS

Moraines; end, recessional and interlobate . . . . . .

Linear ice flow features; drumlins, drumlinoid forms, crag and tail forms . . . . . .

Esker . . . . . <<<<<<<<<<

Source of Information:

Sado, E.V., and Carswell, B.F. (compilers), 1987, Surficial Geology of Northern Ontario, OGS Map 2518, Ministry of Northern Development and Mines, Mines and Minerals Division, 1:1,200,000.

NOTE: This legend is common to Open Files 1639 and 1640.

Geological Survey of Canada
Mineral Resources Division
Exploration Geochemistry Subdivision

CONTRACTORS

Lake sediment sample collection by SIAL Geophysique Inc., Montreal
Sample preparation by Golder Associates, Ottawa
Sediment chemical analyses by Bondar-Clegg and Company Ltd., Ottawa
Water and Au chemical analysis by Chemex Labs Limited, Vancouver
Geological base prepared by Terra Surveys Ltd., Ottawa
from published material supplied by Geological Survey of Canada

Copies of the Open File map material, element trend and symbol plots, listing of field observations, analytical data, descriptions of analytical methods, and digital data on IBM-PC compatible diskette are available by inquiring to:

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Publications Distribution
601 Booth Street
Ottawa, Ontario K1A 0E8
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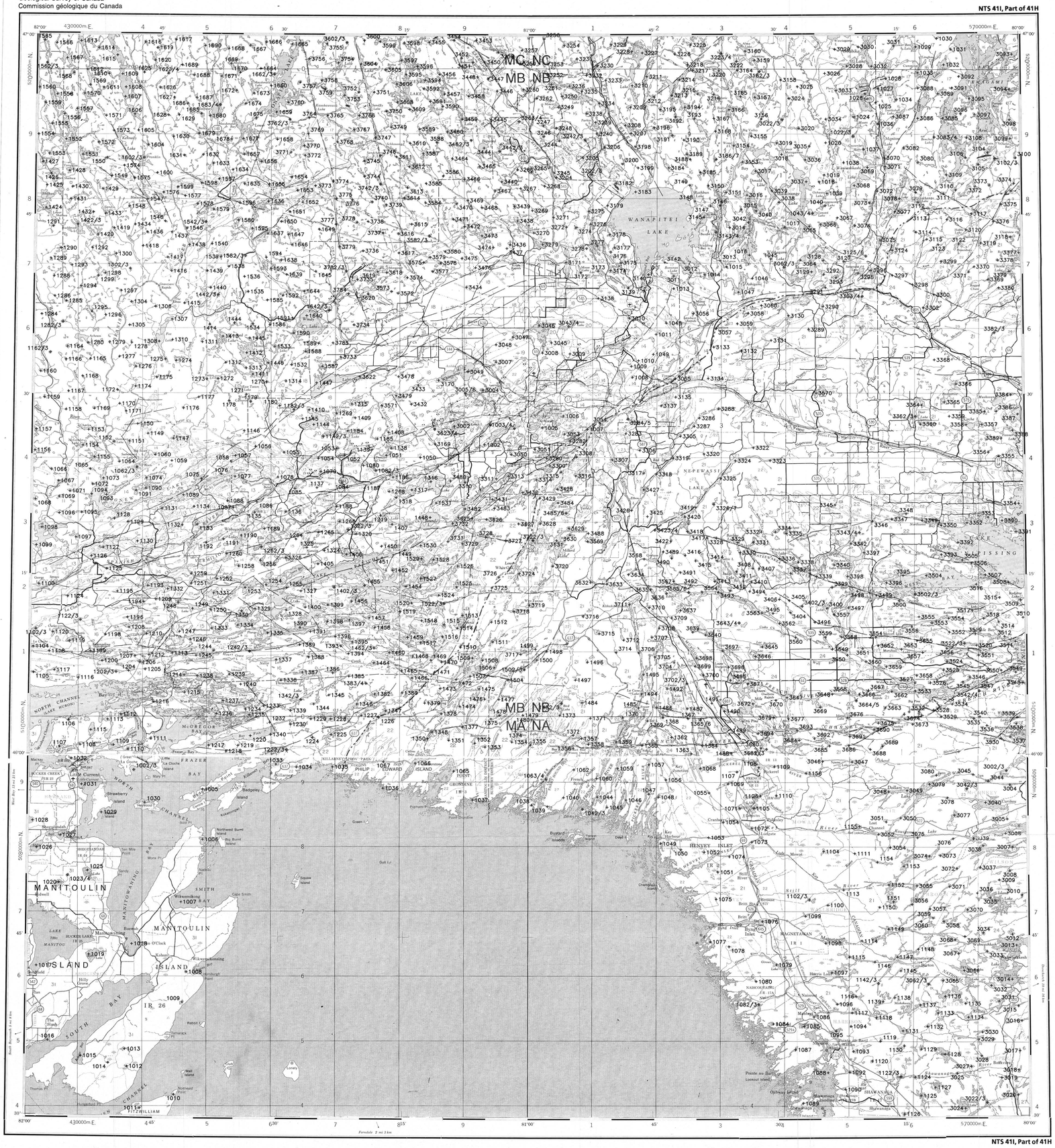
Geological Survey of Canada
Commission géologique du Canada

NTS 411, Part of 41H



NTS 411, Part of 41H

SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1639
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 105-87
CANADA – ONTARIO
MINERAL DEVELOPMENT AGREEMENT (1985 – 1990)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY
CENTRAL ONTARIO, 1987

Scale 1:250 000 - Échelle 1/250 000

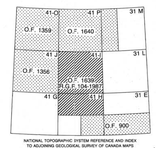
Kilometres 5 0 5 10 15 20 Kilomètres

Universal Transverse Mercator Projection

Projection transverse universelle de Mercator

Elevation in feet above mean sea level

Mean magnetic declination 1988, 9° 26' West, increasing 4.6 annually. Reading vary from 8° 00' in the SW corner to 10° 53' in the NE corner of the map area.



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1639
CENTRAL ONTARIO, 1987

LEGEND

CENOZOIC

PLEISTOCENE TO RECENT

32 **QUS* 64** Sand, gravel, clay, boulder till, organic deposits.

PALEOZOIC

ORDOVICIAN - SILURIAN

31 **OSCP 19** Limestone, dolostone, shale, sandstone, conglomerate.

CAMBRIAN

30 **CAC 10** Carbonatite, nepheline and alkalic syenites, associated mafic and ultramafic rocks, fenite.

PRECAMBRIAN

LATE PRECAMBRIAN

29 **LPAD 04** Mafic intrusive rocks; diabase, quartz diabase, olivine diabase, gabbro, pyroxenite, serpentinized peridotite, olivine gabbro stocks.

28 **LPAC 04** Carbonatite, nepheline and alkalic syenites and associated mafic and ultramafic rocks, fenite.

GRENVILLE PROVINCE

27 **LPGB 04** Metamorphosed mafic and ultramafic intrusive rocks.

26 **LPGA 04** Gneissic alkalic and nepheline syenite.

25 **LPGF 04** Quartz monzonite, minor granodiorite and derived gneisses.

24 **LPGX 04** Anorthositic intrusive rocks; anorthosite, gabbroic anorthosite, tonalite, diorite, monzonite, sodic, alkalic and quartz syenites, derived gneisses.

MIDDLE AND LATE PRECAMBRIAN

23 **MPBN 04** Mafic and ultramafic intrusive rocks; gneissic gabbro, diorite, amphibolite, peridotite, pyroxenite, minor trondhjemite, possible Nipissing Diabase equivalents.

MIDDLE PRECAMBRIAN

22 **MPGF 04** Felsic intrusive rocks and gneissic equivalents; quartz monzonite, granodiorite, granite, trondhjemite, albite granite, syenite and minor gabbro.

21 **MPS 04** Metasediments; Biotite gneiss, muscovitic and quartzose gneiss, calc-silicate gneiss, quartzo-feldspathic gneiss, gneissic coarse clastic metasediments, meta-conglomerates.

SUPERIOR AND SOUTHERN PROVINCES

SUDBURY NICKEL ERUPTIVE

20 **MPSG 04** Granophyre

19 **MPSN 04** Norite-gabbro, quartz norite, quartz gabbro, and transition sub-layer and offset rocks.

WHITEWATER GROUP

18 **MPWG 04** CHELMSFORD FORMATION: greywacke, siltstone.
ONWATIN FORMATION: carbonaceous shale.
ONAPING FORMATION: lapilli tuff, breccia, felsic flows and intrusions, carbonate and cherty rocks.

NIPISSING DIABASE

17 **MPND 04** Pyroxene and hornblende gabbro, amphibolite, granophyre.

HURONIAN SUPERGROUP

COBALT GROUP

16 **MPC 04** BAR RIVER FORMATION: quartz sandstone, hematitic siltstone, sandstone.
GORDON LAKE FORMATION: siltstone, argillite.
LORRAIN FORMATION: micaceous and aluminous quartz, and quartz-feldspar sandstone, minor conglomerate and siltstone.
GOWGANDA FORMATION: conglomerate, sandstone, siltstone and argillite.

QUIRKE LAKE GROUP

15 **MPQL 04** SERPENT FORMATION: quartz-feldspar sandstone with minor siltstone and conglomerate.
ESPANOLA FORMATION: limestone, dolostone, siltstone, sandstone.
BRUCE FORMATION: conglomerate with minor sandstone and siltstone.

HOUGH LAKE GROUP

14 **MPHL 04** MISSISSAGI FORMATION; quartz-feldspar sandstone, minor siltstone, argillite and conglomerate.
PECORS FORMATION; siltstone, argillite, greywacke.
RAMSAY LAKE FORMATION: conglomerate, minor sandstone and siltstone.

ELLIOT LAKE GROUP

13 **MPEL 04** McKIM FORMATION: siltstone, greywacke, argillite.
MATINENDA FORMATION: quartz-feldspar sandstone with minor conglomerate and siltstone.

12 **MPVB 04** SALMAY LAKE and ELSIE MOUNTAIN FORMATIONS: dominantly mafic metavolcanics with minor felsic volcanics, intercalated metasediments.
COPPER CLIFF FORMATION: dominantly felsic and intermediate metavolcanics, minor intrusions and intercalated metasediments.
STOBIE FORMATION: mafic metavolcanics with abundant intercalated metasediments.

11 **MPB 04** Mafic intrusive rocks; gabbro, anorthositic and porphyritic metagabbro.

EARLY PRECAMBRIAN (ARCHEAN)

10 **AGM 02** Massive felsic to intermediate plutonic rocks; granite, granodiorite, tonalite, quartz monzonite, monzo-diorite, pegmatite.

9 **AGN 02** Foliated to gneissic felsic to intermediate plutonic rocks; granite, granodiorite, tonalite, quartz monzonite, diorite, migmatite.

8 **AGY 02** Syenite, monzonite, feldspar porphyry.

7 **AUB 02** Mafic and ultramafic intrusive rocks, including gabbro, diorite, and serpentinized ultramafics.

6 **ACSP 02** Metasediments; greywacke, arkose, quartzite, conglomerate, argillaceous and migmatized metasedments, biotite-quartz-feldspar schist and gneiss.

5 **AMVA 02** Alkalic metavolcanics; trachyte, leucitic trachyte, flows, tuffs, breccia.

4 **AMVU 02** Ultramafic metavolcanics; serpentinized dunitic and peridotitic flows.

3 **AMVF 02** Felsic to intermediate metavolcanics; rhyolite to dacite flows and fragmentals, tuff, lapilli-tuff, agglomerate, breccia, porphyritic flows.

2 **AMVB 02** Mafic to intermediate metavolcanics; basalt to andesite flows, porphyritic flows, and pillows lavas, mafic pyroclastics, layered amphibolite, diorite, gabbro, migmatized mafic metavolcanics.

1 **IF 02** Iron formation.

*A mnemonic code assigned to rock types and recorded as part of field observations.

Geological boundary; approximate, assumed . . . . . ~~~~

Fault . . . . . ~~~~

No analytical results . . . . . *

Field duplicate site . . . . . *

Geology base and legend for these geochemical maps were derived from:

Ayres, L.D., Lumbers, S.B., Milne, V.G., Robeson, D.W., 1970, Ontario Geological Map Southern Sheet, Map 2197, Ontario Department of Mines and Northern Affairs, 1:1,013,760.

Card, K.D., and Lumbers, S.B., 1975, Sudbury - Cobalt, Geology Compilation Series, Map 2361, Ontario Geological Survey, 1:253,440.

Douglas, R.J.W. (coordinator), Sanford, B.V., and Baer, A.J., 1971, Southern Ontario, Map 1335A, Geological Survey of Canada, 1:1,000,000 Geological Atlas.

McCrank, G.F.D., Mislura, J.D., and Brown, P.A., 1979, Geology - Plutonic Rocks in Ontario, Map 1533A, Geological Survey of Canada, to accompany GSC P 80-23, 1:1,000,000.

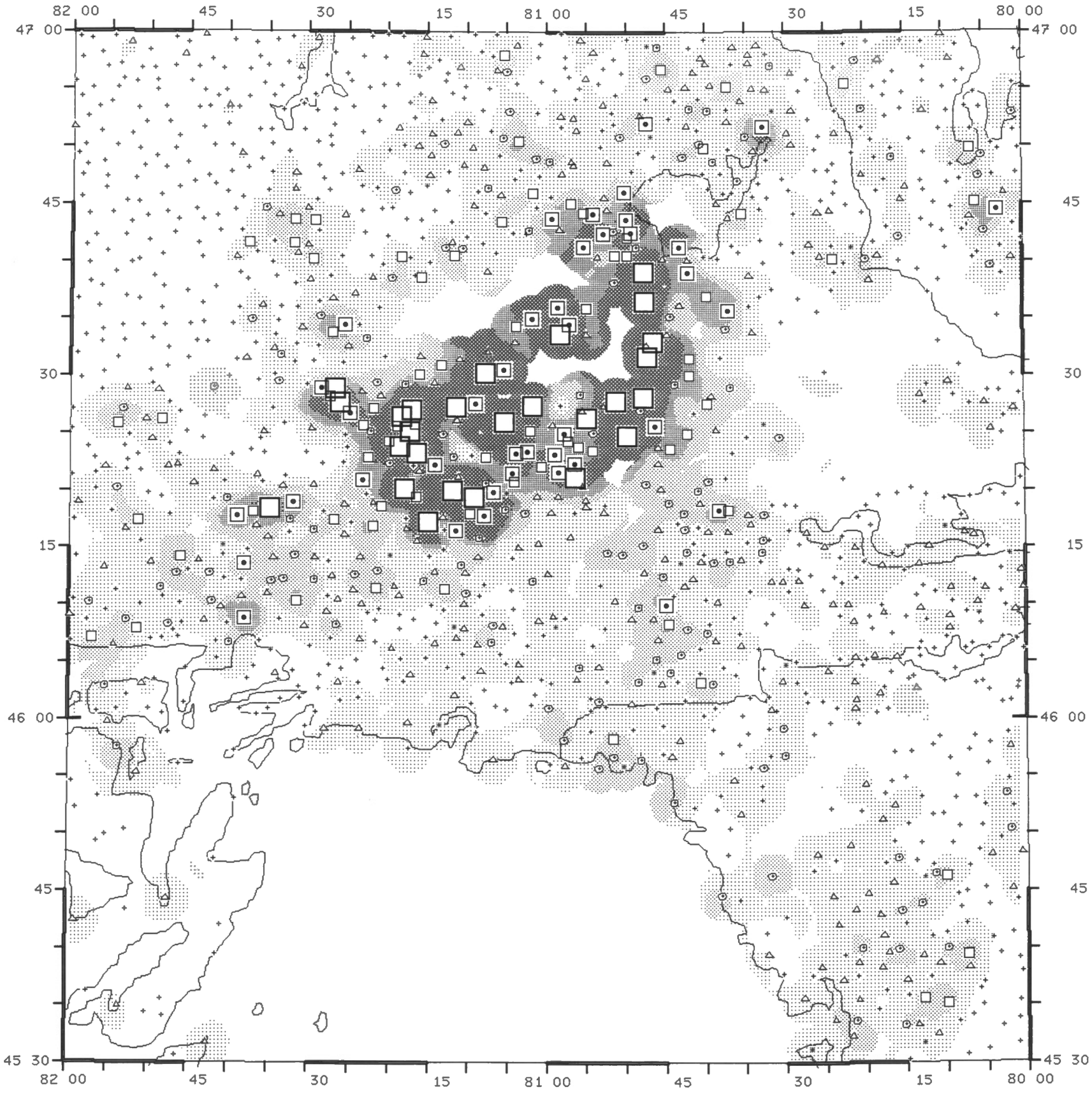
Pyke, D.R., Ayres, L.D., and Innes, D.G., 1971, Timmins - Kirkland Lake, Geology Compilation Series, Map 2205, Ontario Geological Survey, 1:253,440.

NOTE: The geology legend is common to both GSC Open Files 1639 and 1640.

SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1639
CENTRAL ONTARIO, 1987

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
PART OF 41H)



ARSENIC
IN
LAKE SEDIMENTS

PPM	%TILE
440.0	MAX
9.0	95
6.0	90
4.0	80
2.0	50
0.5	MIN

1449 SAMPLES

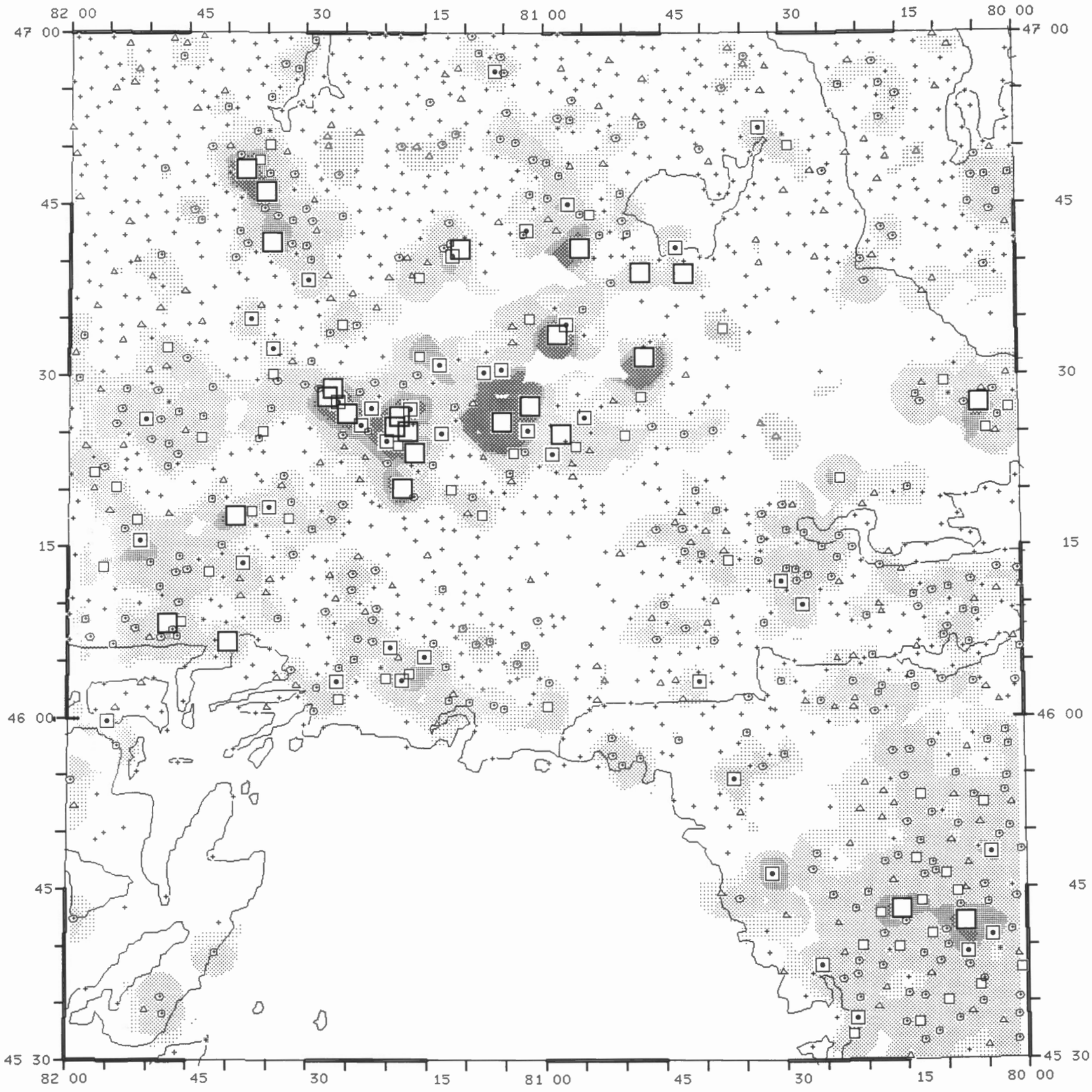
PPM	%TILE
440.0	MAX
16.0	98
9.0	95
6.0	90
4.0	80
2.0	50
0.5	MIN

1449 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
PART OF 41H)



CADMIUM
IN
LAKE SEDIMENTS

PPM	%TILE
23.7	MAX
1.9	95
1.6	90
1.0	70
0.8	50
0.1	MIN

1451 SAMPLES

PPM	%TILE
23.7	MAX
2.5	98
1.9	95
1.6	90
1.0	70
0.8	50
0.1	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
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ONTARIO 1988
(41I
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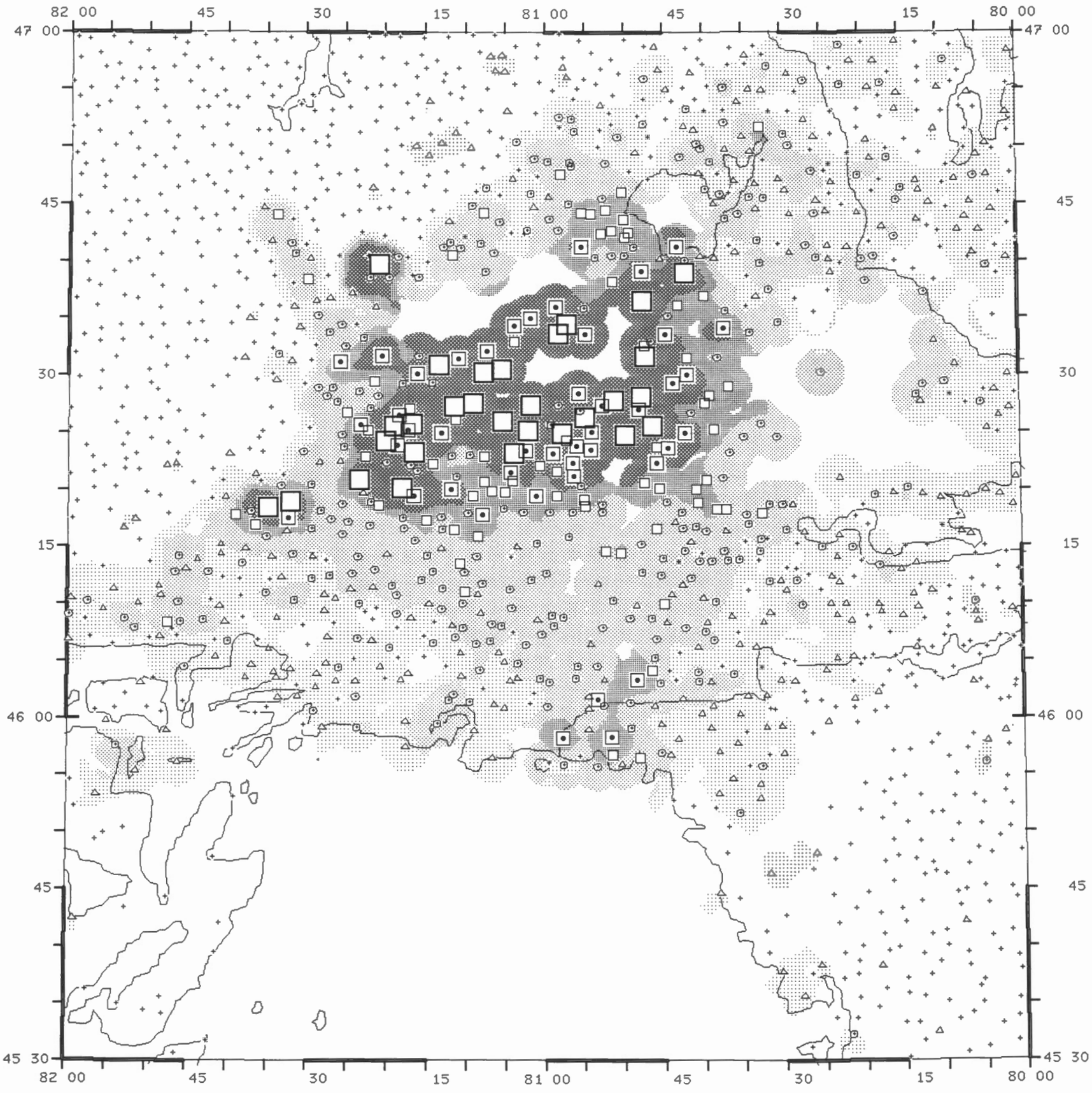
NICKEL
IN
LAKE SEDIMENTS



PPM	%TILE
8000	MAX
187	95
104	90
47	70
33	50
3	MIN

1451 SAMPLES

PPM	%TILE
8000 -	- MAX
463 -	- 98
187 -	- 95
104 -	- 90
47 -	- 70
33 -	- 50
3 -	- MIN

1451 SAMPLES

0 20

KILOMETRES

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CANADA - ONTARIO
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ONTARIO 1988
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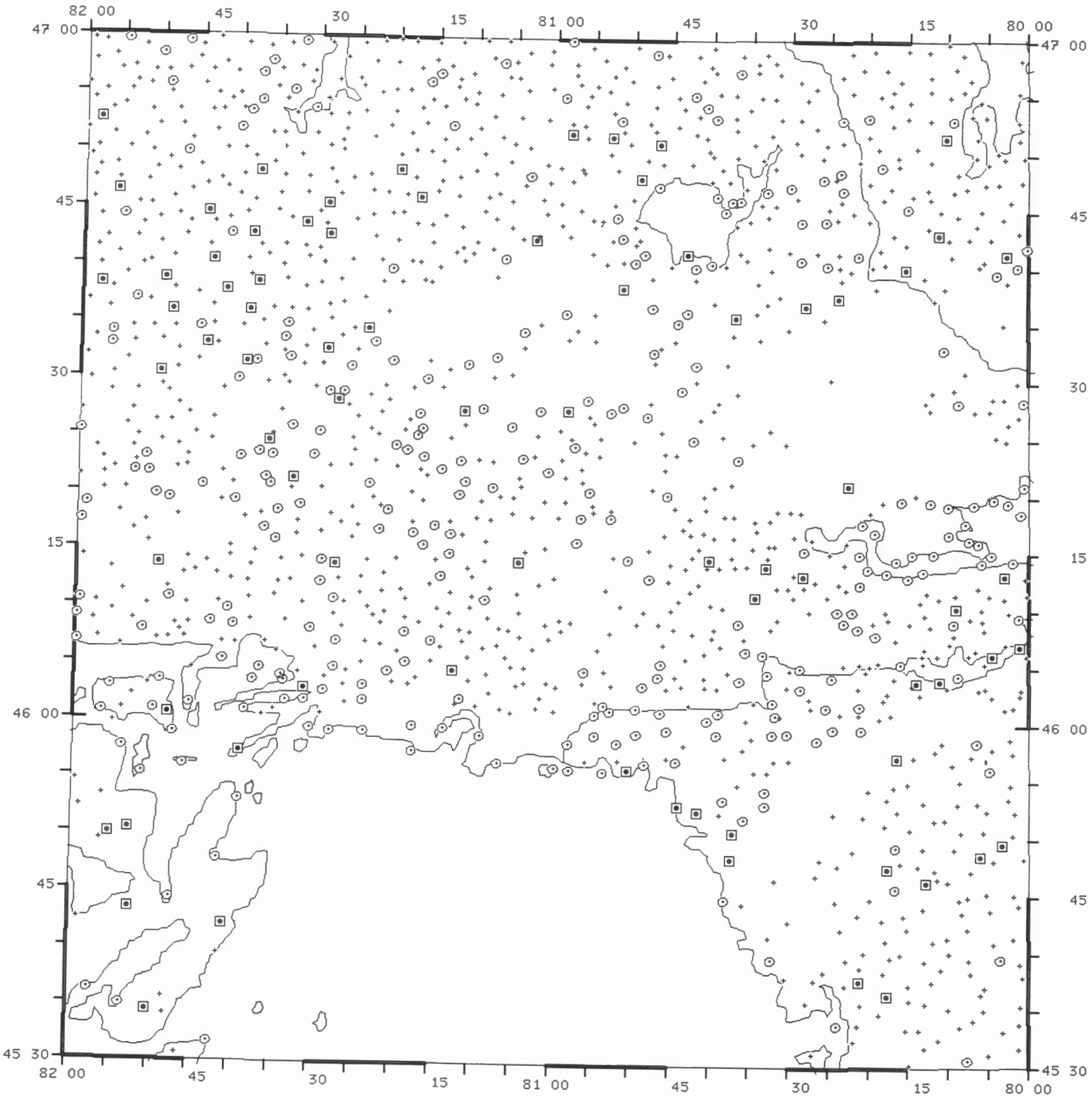

LOSS ON IGNITION
IN
LAKE SEDIMENTS

PCT	%TILE
86.2 -	- MAX
60.0 -	- 95
15.0 -	- 20
0.5 -	- MIN

1451 SAMPLES

0 20
KILOMETRES

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MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

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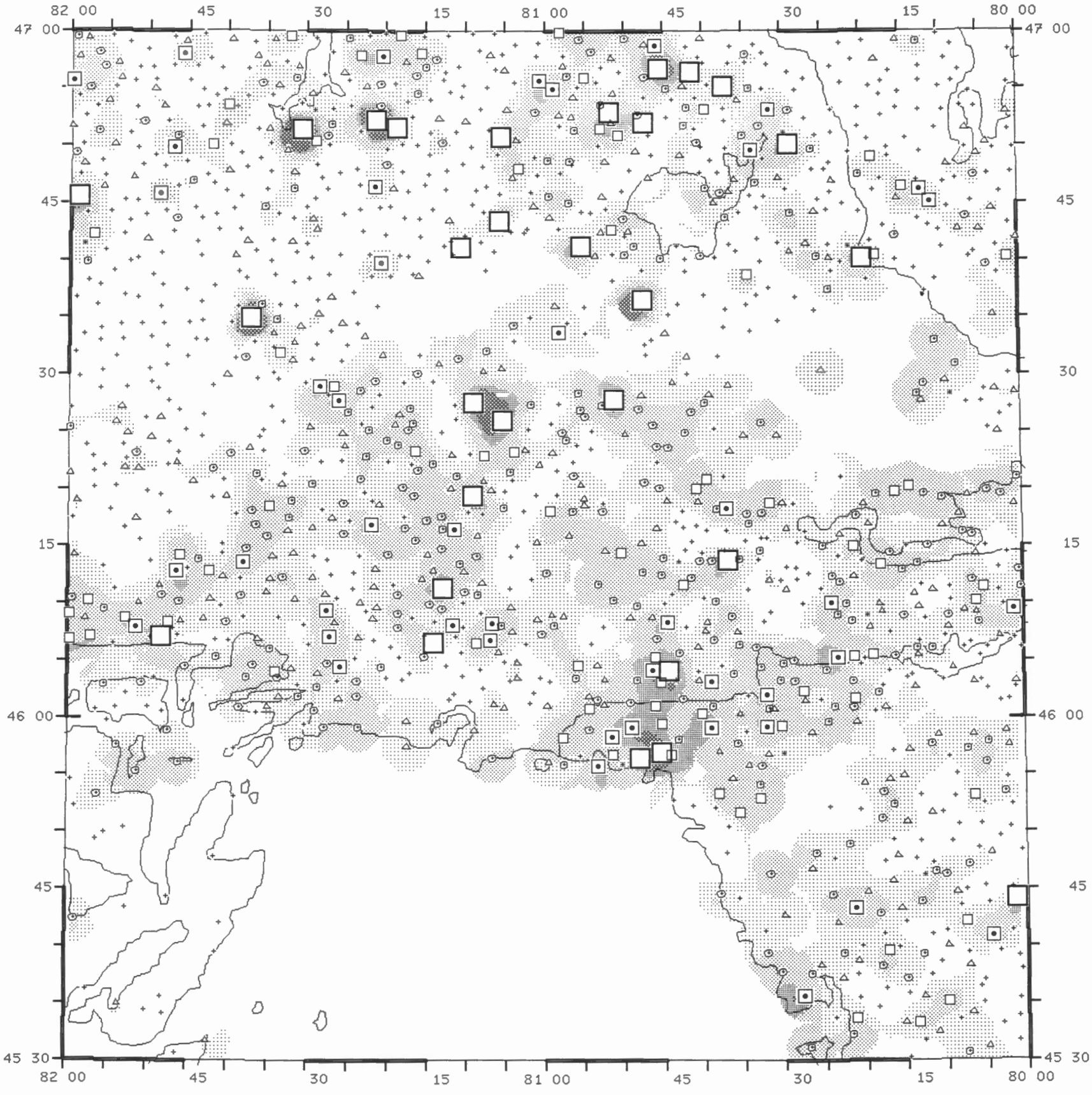

IRON
IN
LAKE SEDIMENTS

PCT	%TILE
15.10	MAX
4.39	95
3.76	90
2.67	70
1.92	50
0.11	MIN

1451 SAMPLES

PCT	%TILE
15.10	MAX
5.22	98
4.39	95
3.76	90
2.67	70
1.92	50
0.11	MIN

1451 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT AGREEMENT
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ONTARIO 1988
(41I ,
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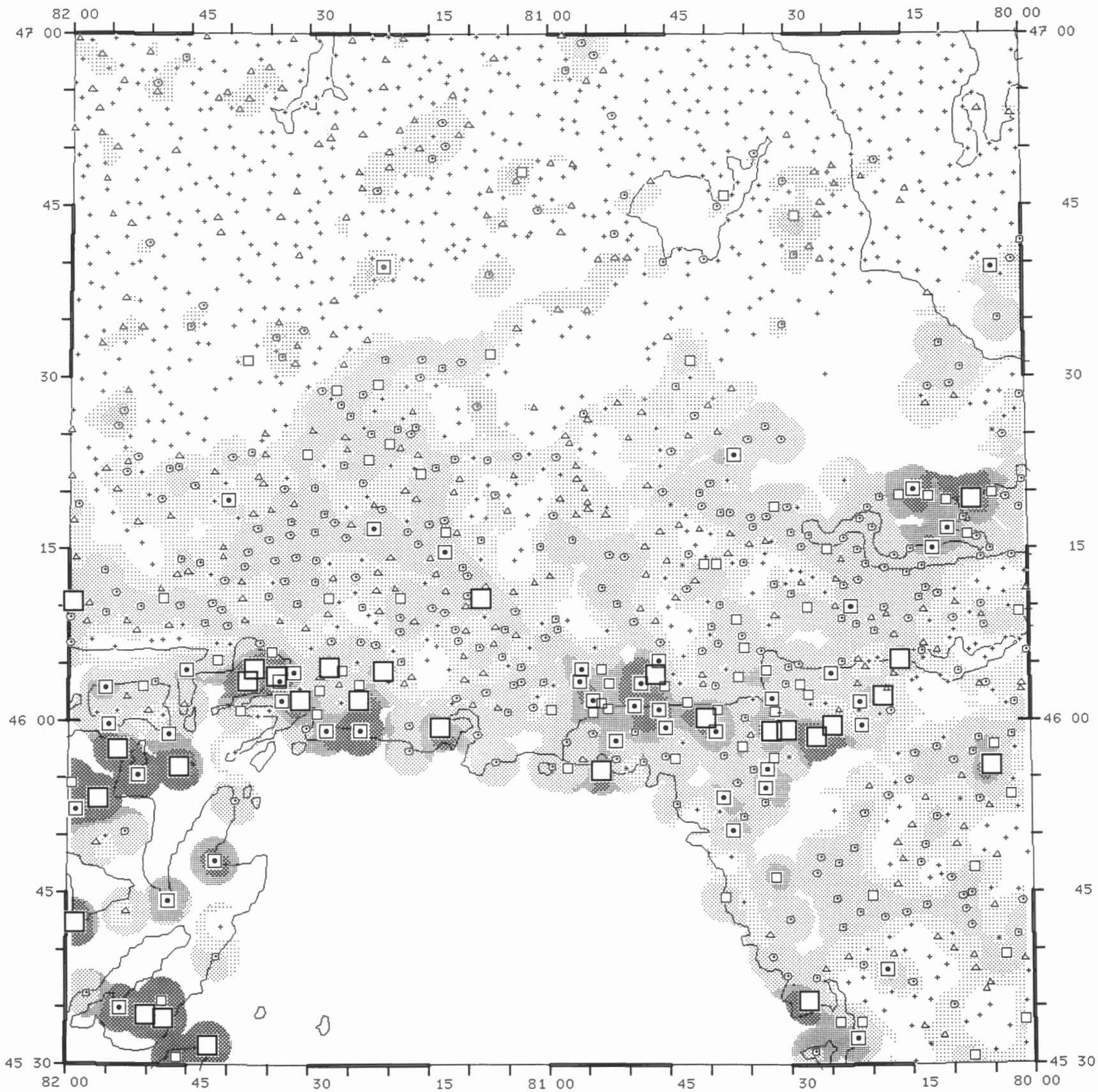

FLUORINE IN LAKE SEDIMENTS

PPM	%TILE
605	MAX
295	95
255	90
175	70
135	50
10	MIN

1450 SAMPLES

PPM	%TILE
605	MAX
360	98
295	95
255	90
175	70
135	50
10	MIN

1450 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
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ONTARIO 1988
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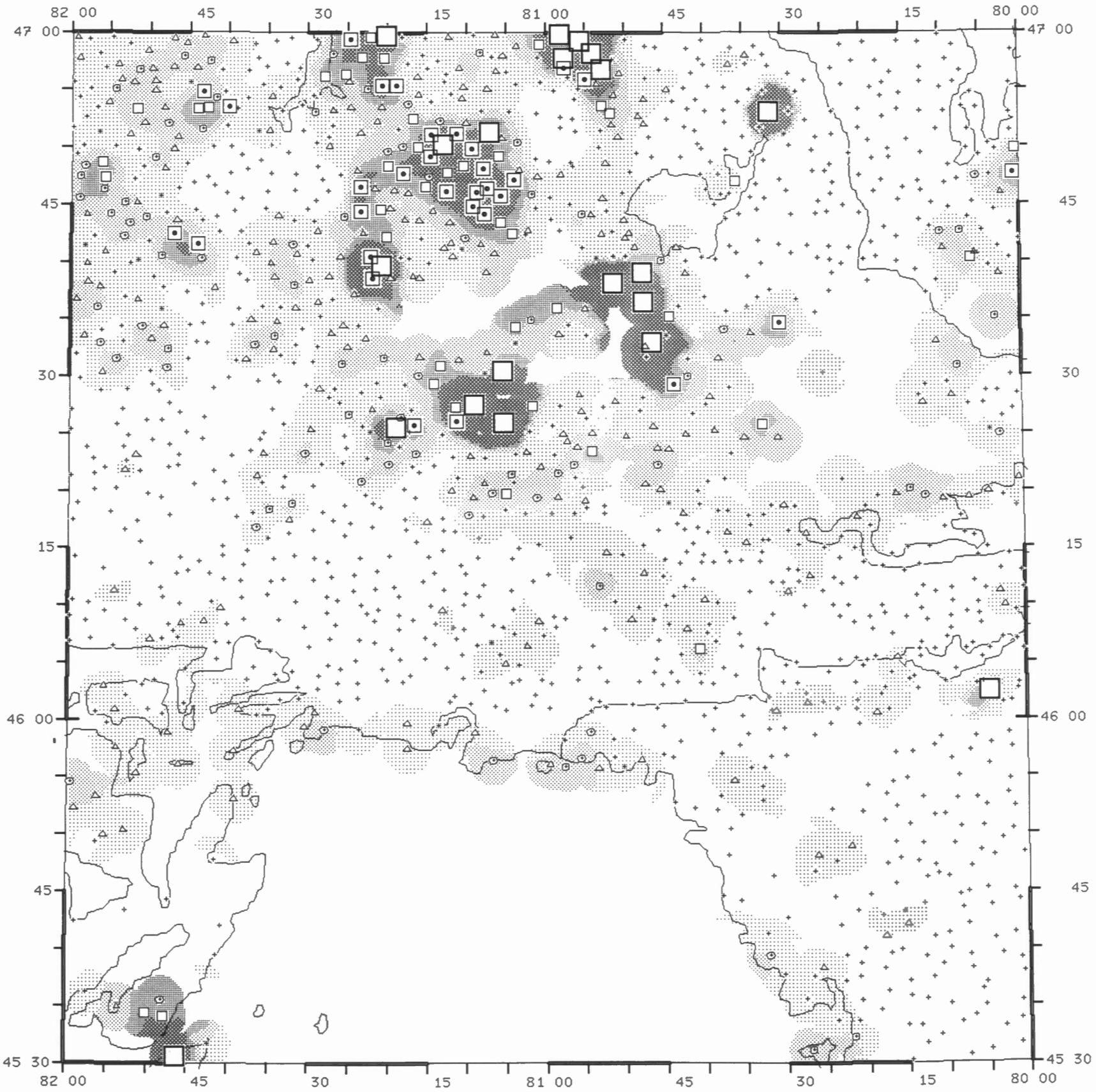

FLUORIDE IN LAKE WATERS

PPB	%TILE
780	MAX
80	95
70	90
60	80
50	70
20	MIN

1451 SAMPLES

PPB	%TILE
780	MAX
100	98
80	95
70	90
60	80
50	70
20	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
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ONTARIO 1988
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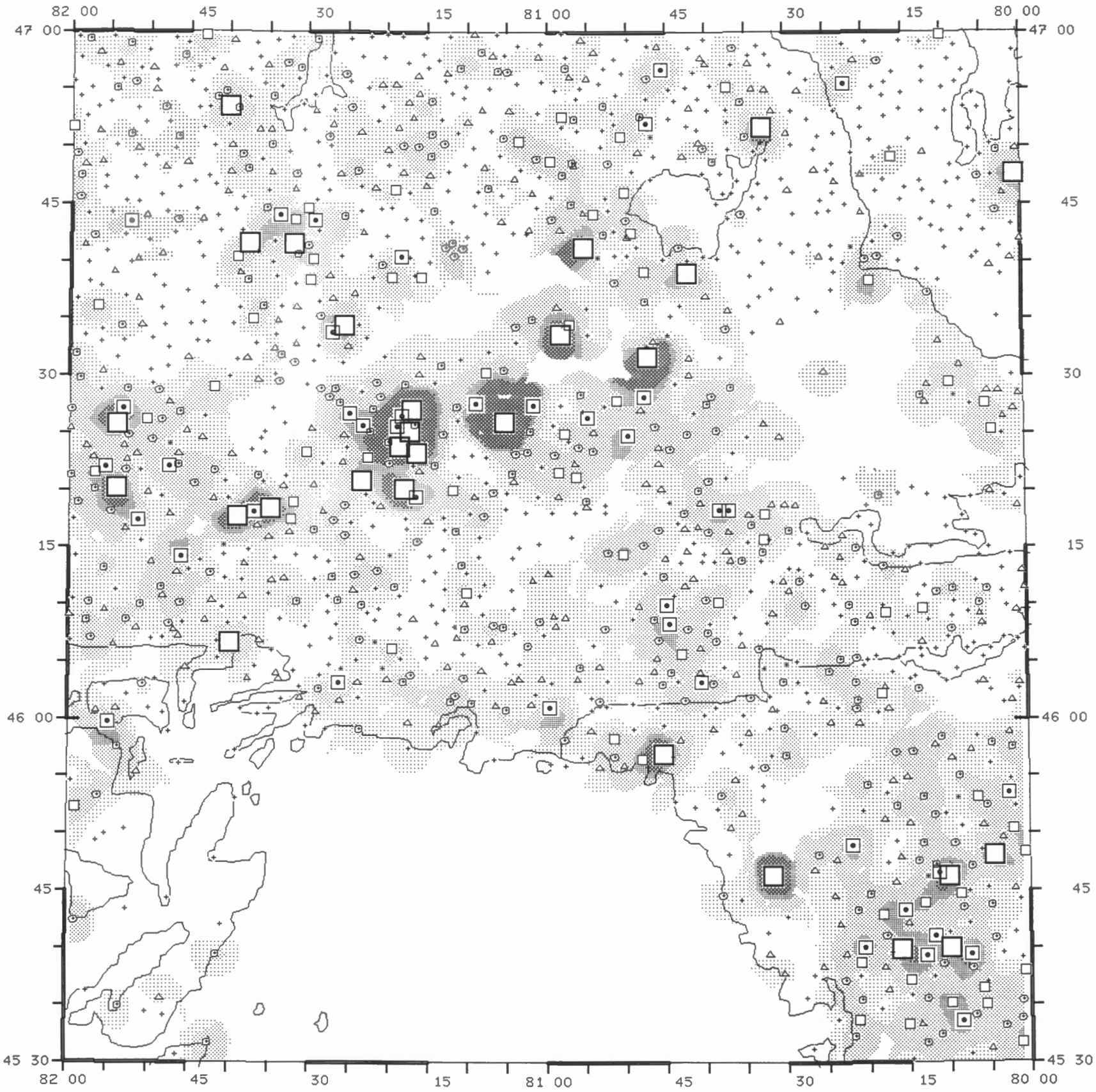

LEAD
IN
LAKE SEDIMENTS

PPM	%TILE
401	MAX
52	95
41	90
25	70
17	50
1	MIN

1451 SAMPLES

PPM	%TILE
401 -	- MAX
75 -	- 98
52 -	- 95
41 -	- 90
25 -	- 70
17 -	- 50
1 -	- MIN

1451 SAMPLES

0 20

KILOMETRES

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ONTARIO 1988
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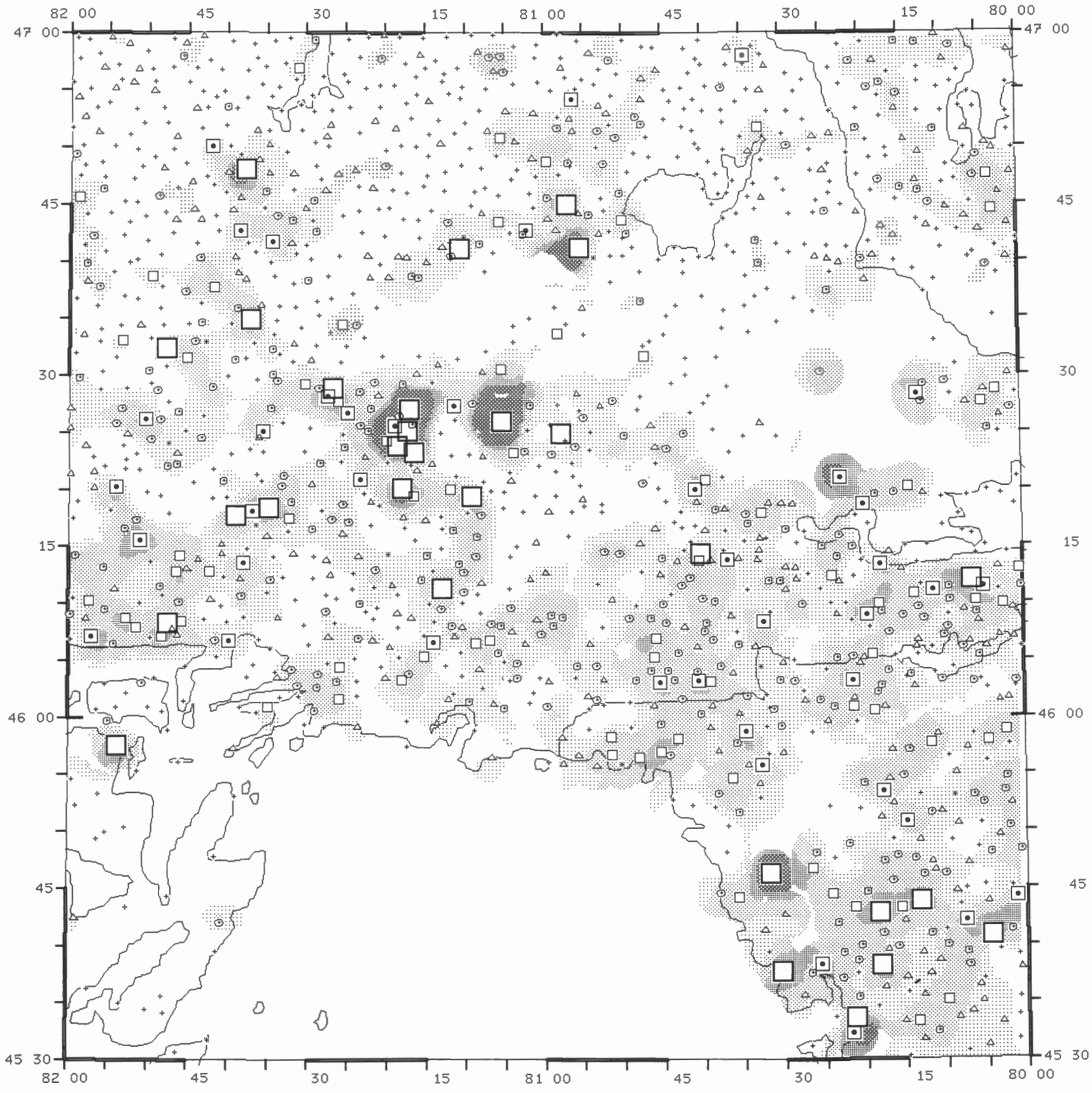

ZINC
IN
LAKE SEDIMENTS

PPM	%TILE
823	MAX
224	95
193	90
154	70
130	50
17	MIN

1451 SAMPLES

PPM	%TILE
823 -	- MAX
261 -	- 98
224 -	- 95
193 -	- 90
154 -	- 70
130 -	- 50
17 -	- MIN

1451 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
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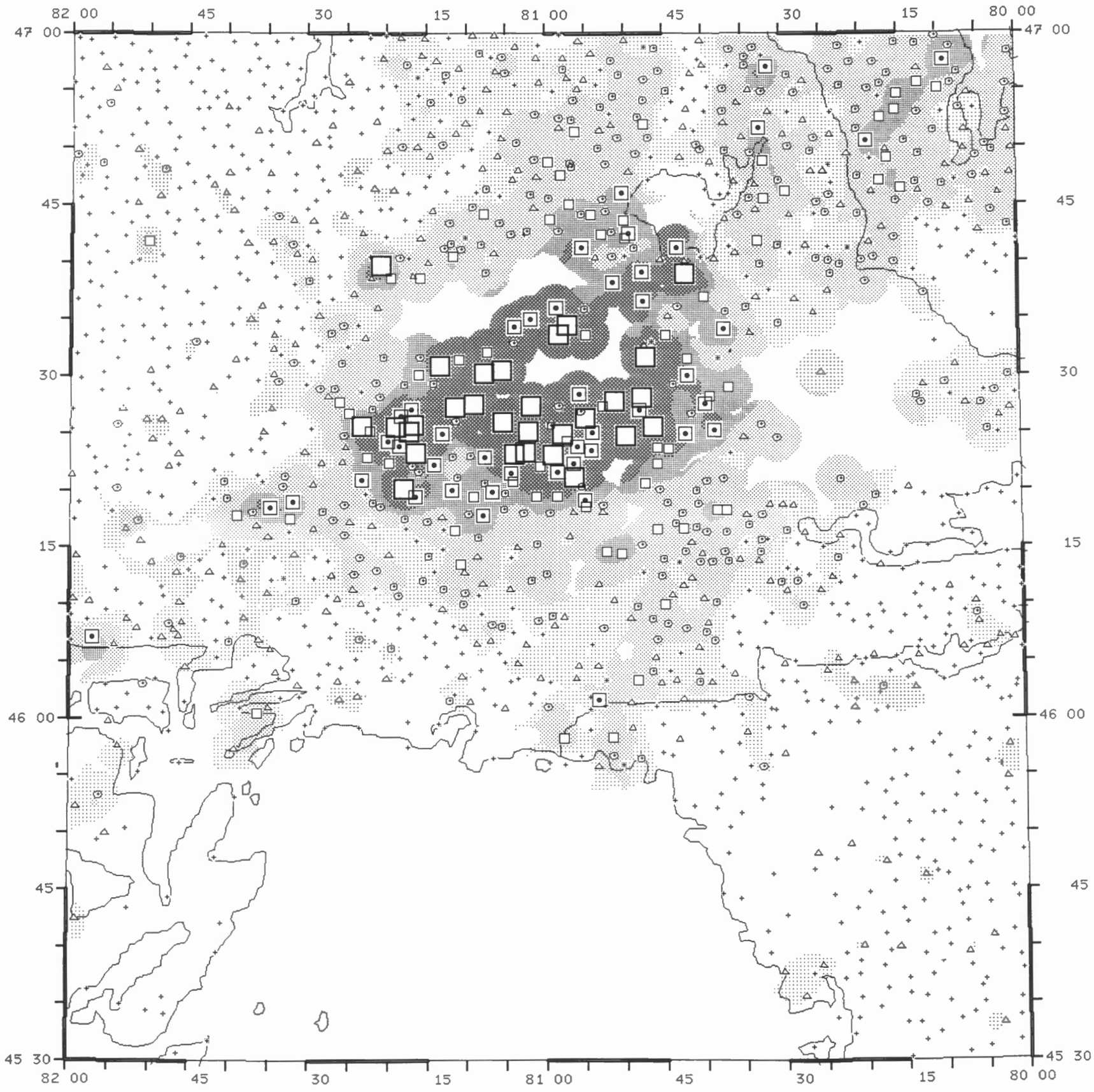

COPPER
IN
LAKE SEDIMENTS

PPM	%TILE
3030	MAX
143	95
91	90
50	70
38	50
3	MIN

1451 SAMPLES

PPM	%TILE
3030	MAX
290	98
143	95
91	90
50	70
38	50
3	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
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AGREEMENT
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ONTARIO 1988
(41I ,
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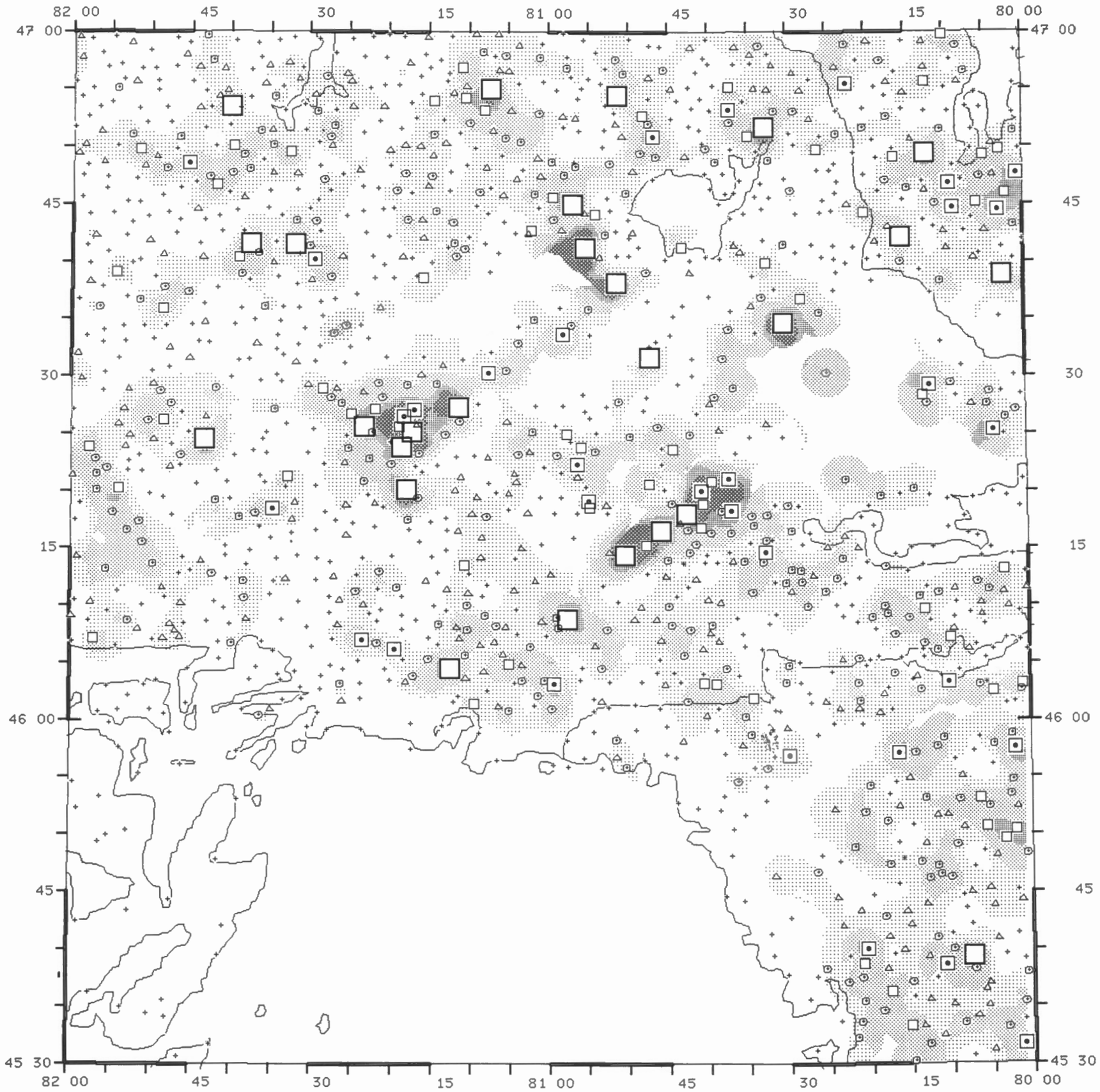

MERCURY
IN
LAKE SEDIMENTS

PPB	%TILE
650	MAX
245	95
220	90
170	70
135	50
10	MIN

1451 SAMPLES

PPB	%TILE
650	MAX
285	98
245	95
220	90
170	70
135	50
10	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
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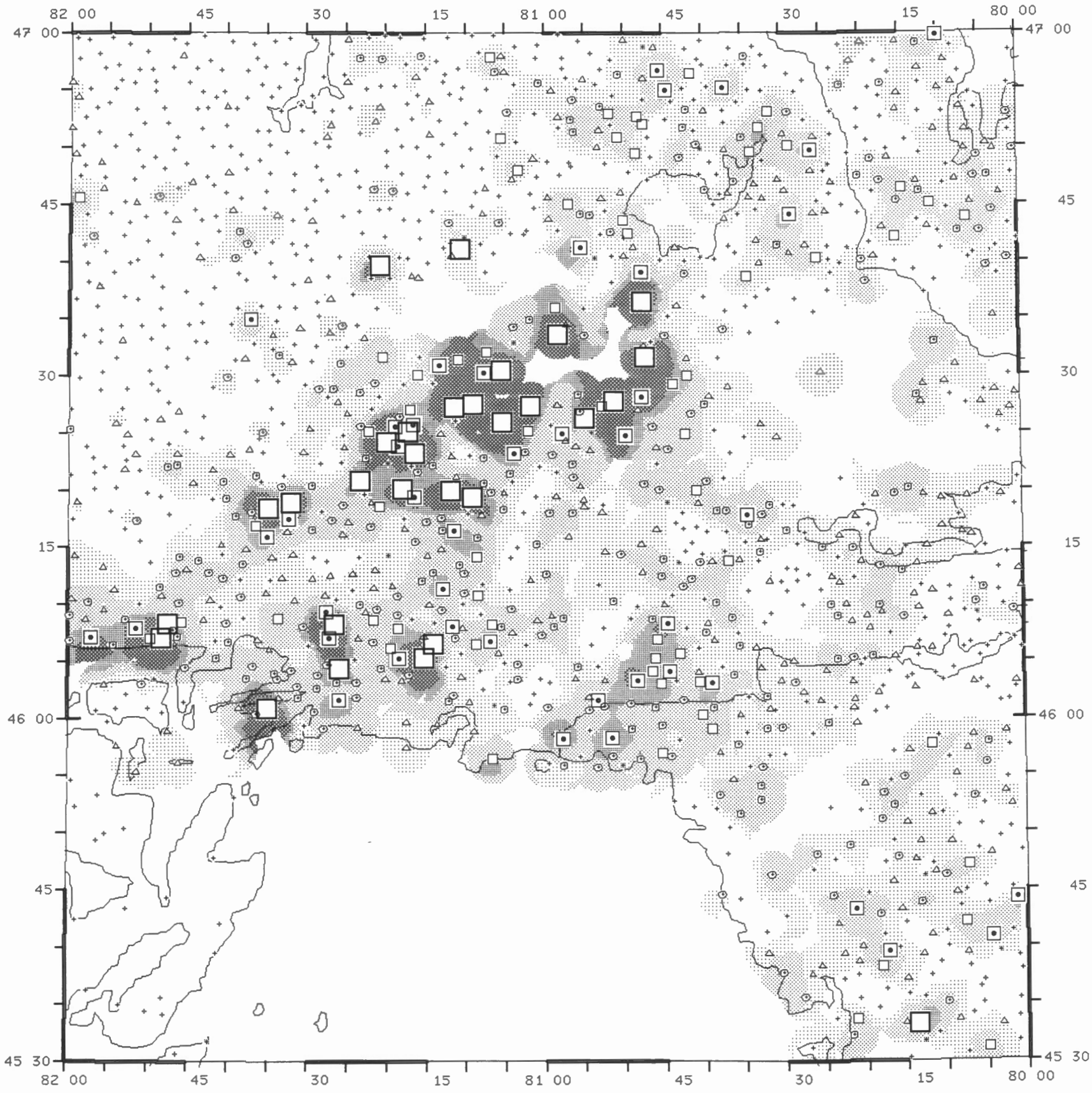
ONTARIO 1988
(41I ,
PART OF 41H)



COBALT
IN
LAKE SEDIMENTS

PPM	%TILE
240	MAX
27	95
21	90
14	70
10	50
1	MIN

1451 SAMPLES

PPM	%TILE
240	MAX
45	98
27	95
21	90
14	70
10	50
1	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
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ONTARIO 1988
(41I ,
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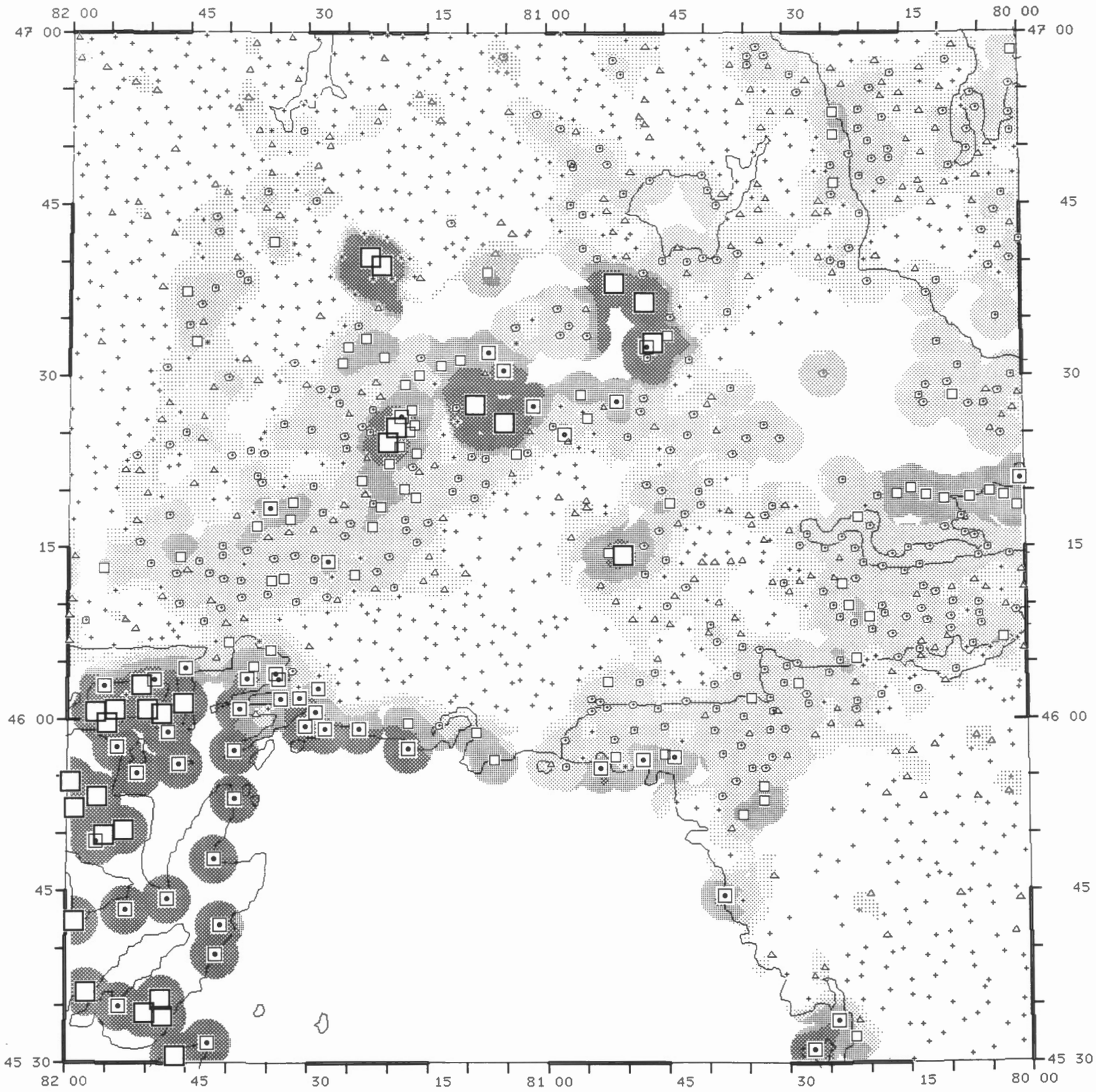

CALCIUM
IN
LAKE WATERS

PPM	%TILE
380.00	MAX
15.60	95
8.80	90
5.00	70
3.60	50
1.00	MIN

1451 SAMPLES

PPM	%TILE
380.00	MAX
28.00	98
15.60	95
8.80	90
5.00	70
3.60	50
1.00	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
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ONTARIO 1988
(41I ,
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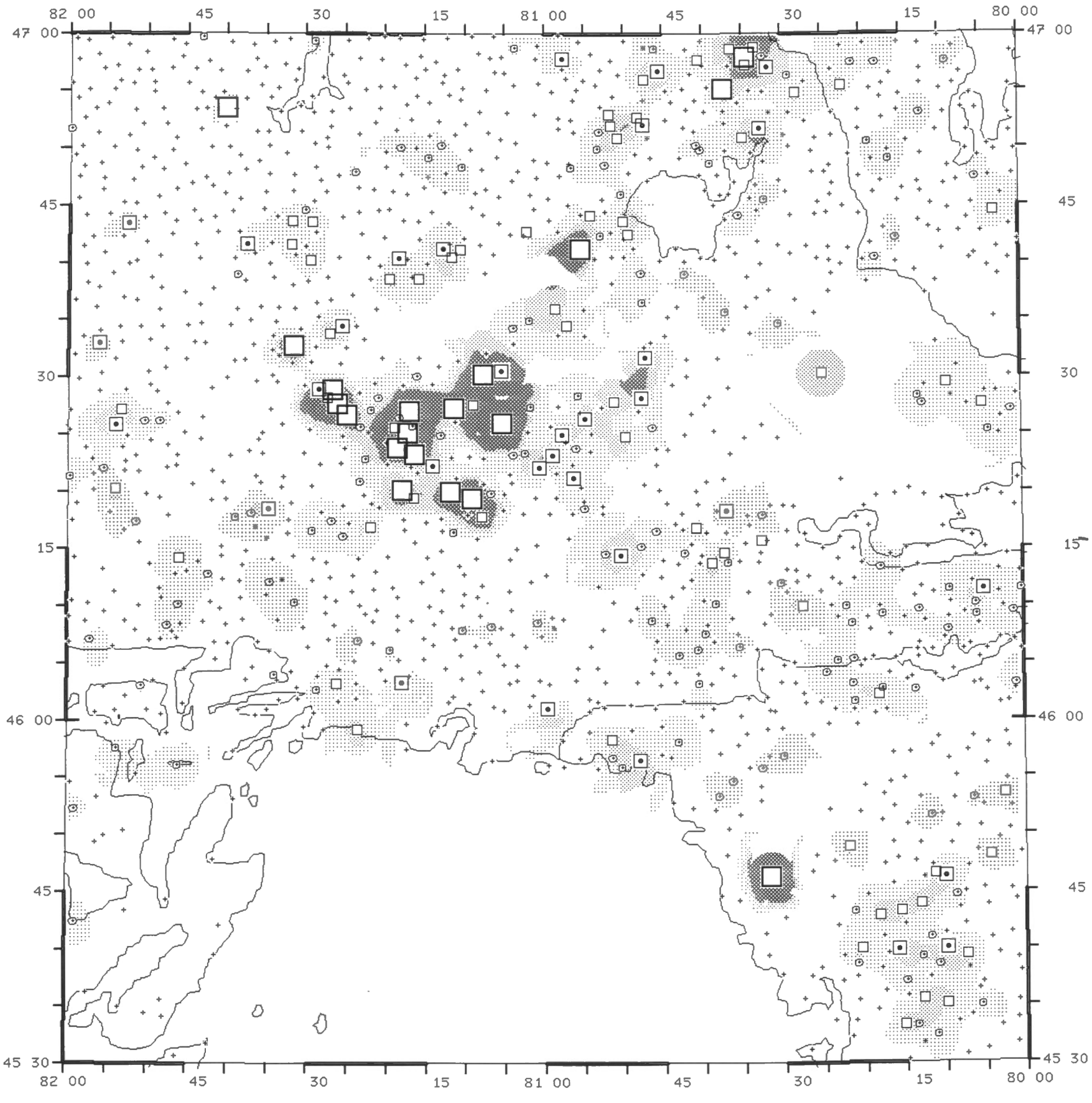

ANTIMONY
IN
LAKE SEDIMENTS

PPM	%TILE
3.3	MAX
0.4	95
0.3	90
0.2	80
0.1	MIN

1451 SAMPLES

PPM	%TILE
3.3	MAX
0.6	98
0.4	95
0.3	90
0.2	80
0.1	MIN

1451 SAMPLES

0 20

KILOMETRES

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CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
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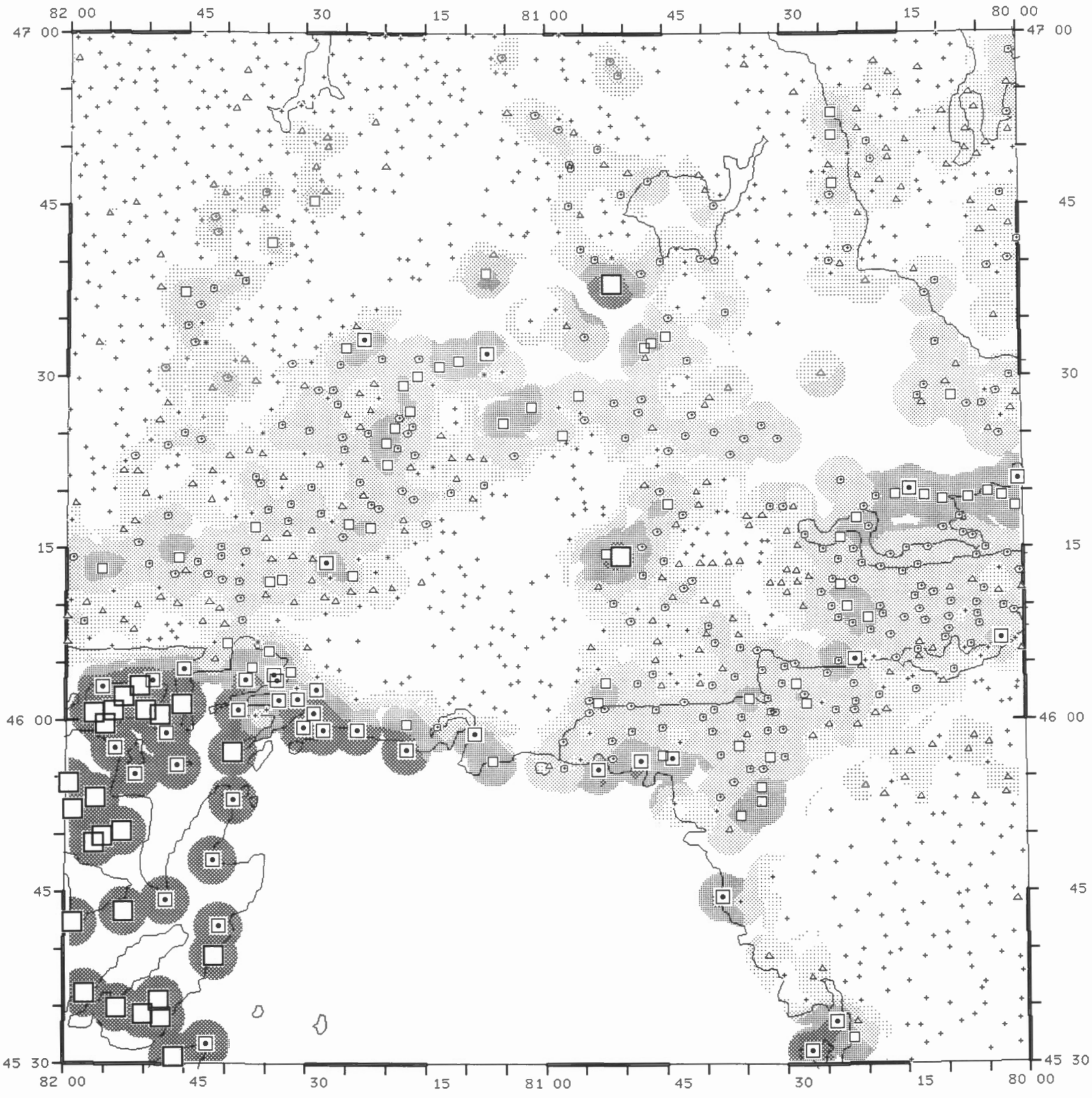


ALKALINITY
IN
LAKE WATERS

PPM	%TILE
189.0	MAX
44.0	95
22.0	90
11.0	70
6.0	50
1.0	MIN

1281 SAMPLES

PPM	%TILE
189.0	MAX
73.0	98
44.0	95
22.0	90
11.0	70
6.0	50
1.0	MIN

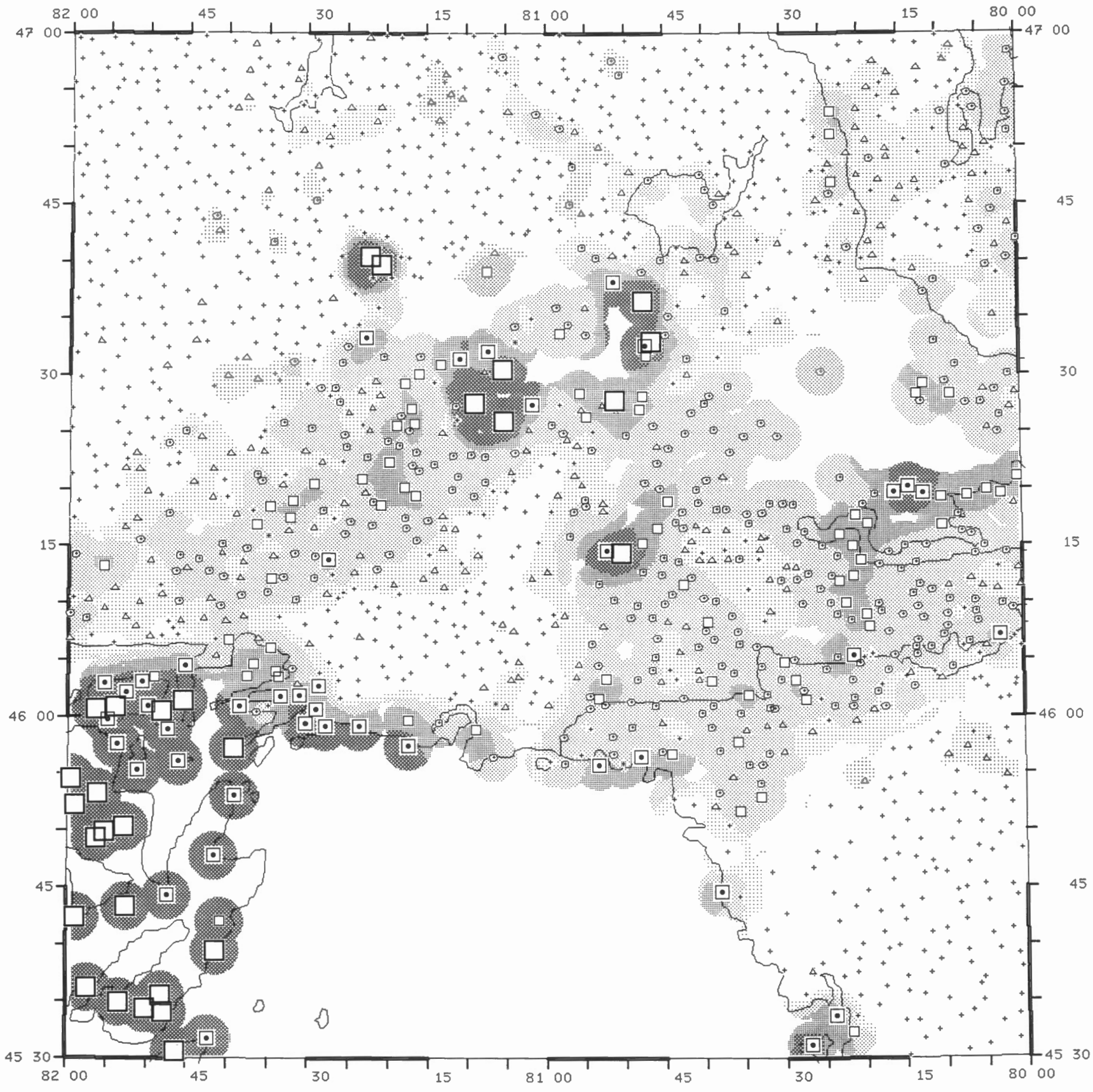
1281 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
PART OF 41H)



MAGNESIUM
IN
LAKE WATERS

PPM	%TILE
45.00	MAX
4.60	95
2.72	90
1.48	70
1.00	50
0.28	MIN

1451 SAMPLES

PPM	%TILE
45.00	MAX
7.20	98
4.60	95
2.72	90
1.48	70
1.00	50
0.28	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
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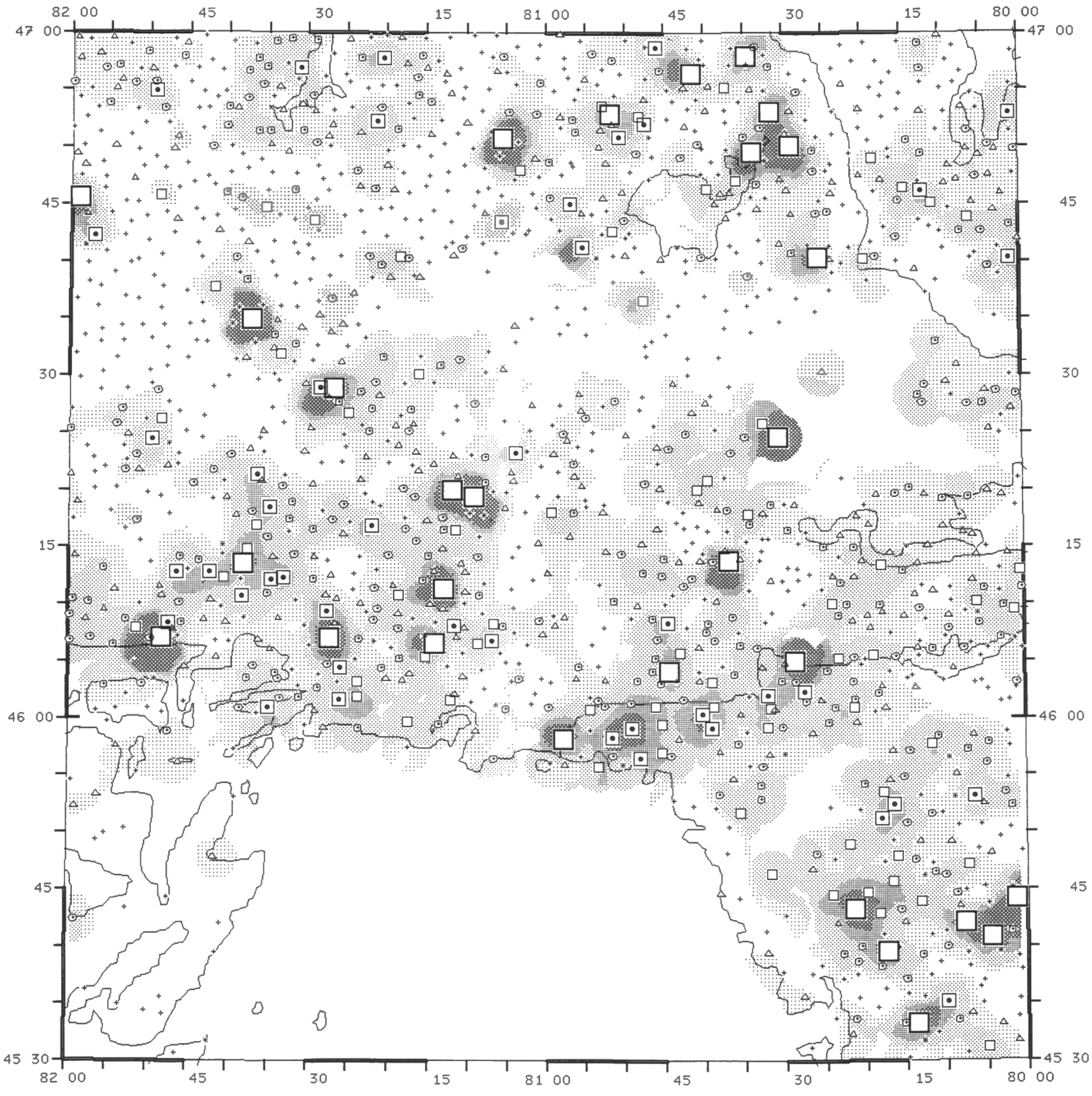

MANGANESE
IN
LAKE SEDIMENTS

PPM	%TILE
8460	MAX
803	95
567	90
331	70
219	50
12	MIN

1451 SAMPLES

PPM	%TILE
8460 -	- MAX
1580 -	- 98
803 -	- 95
567 -	- 90
331 -	- 70
219 -	- 50
12 -	- MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
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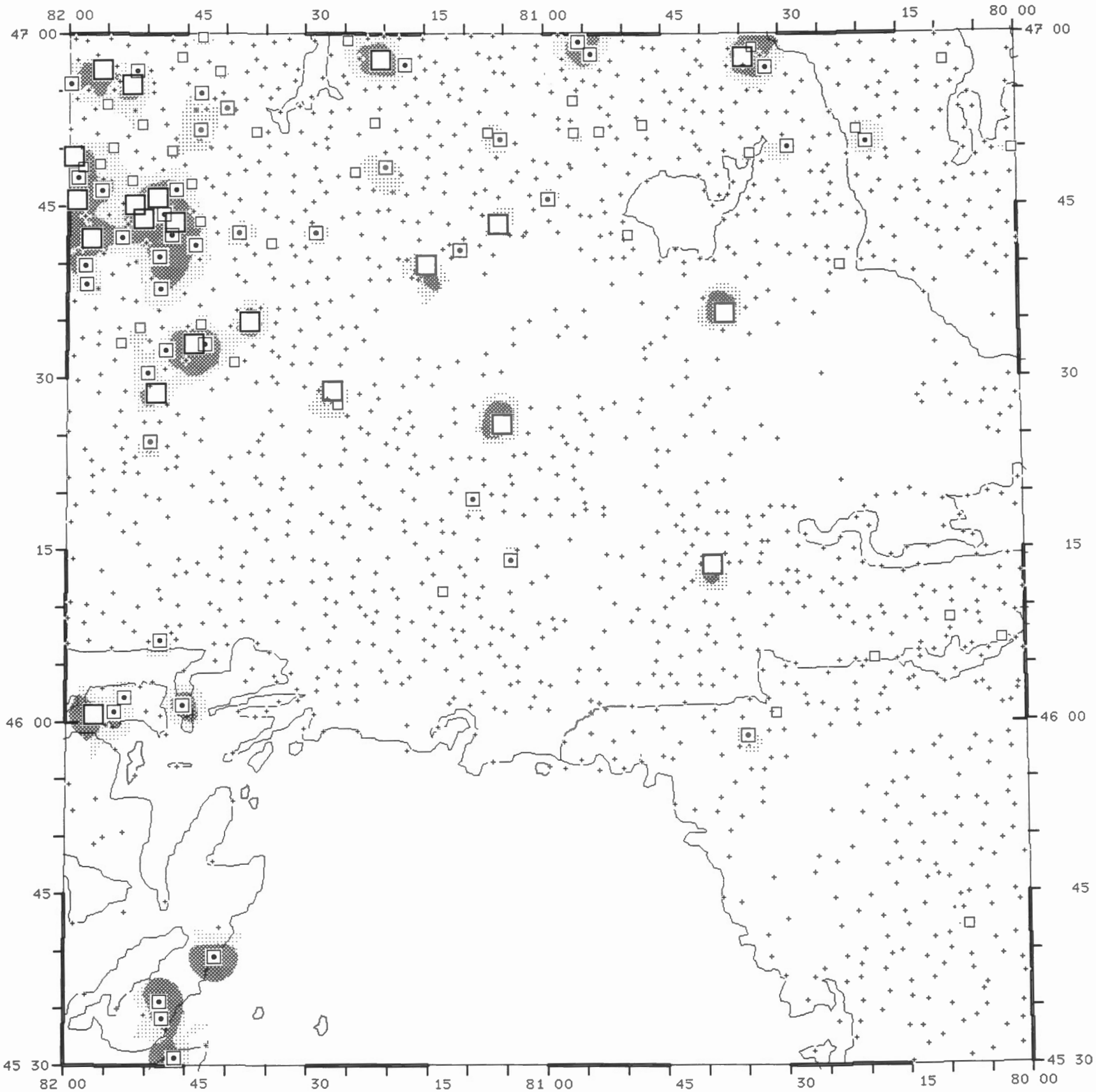

MOLYBDENUM
IN
LAKE SEDIMENTS

PPM	%TILE
18	MAX
3	95
2	90
1	MIN

1451 SAMPLES

PPM	%TILE
18	MAX
5	98
3	95
2	90
1	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

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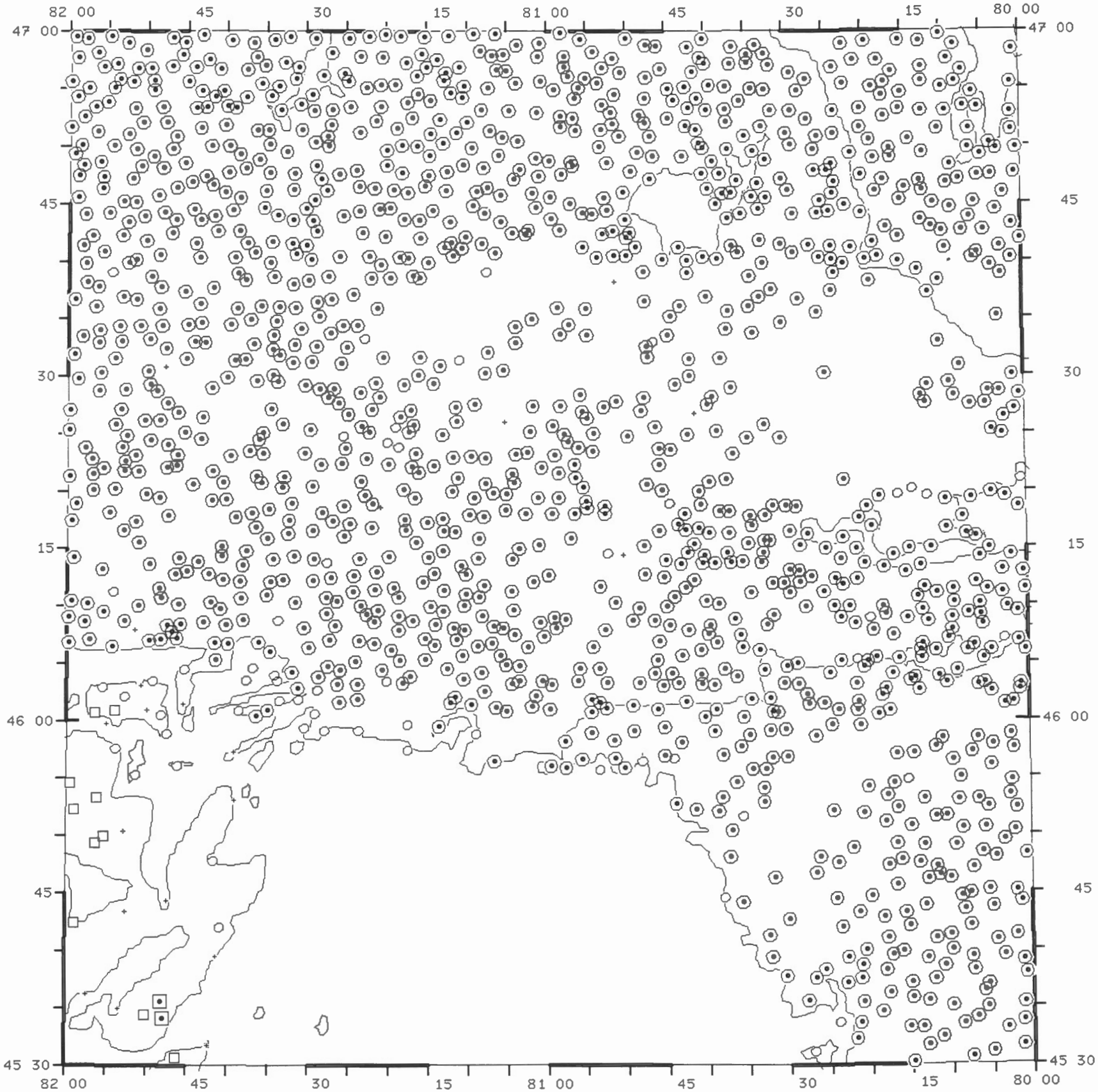

PH
IN
LAKE WATERS

	%TILE
7.8	- MAX
7.6	- 99.9
7.2	- 99
6.7	- 97
6.3	- 92
3.8	- MIN

1451 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

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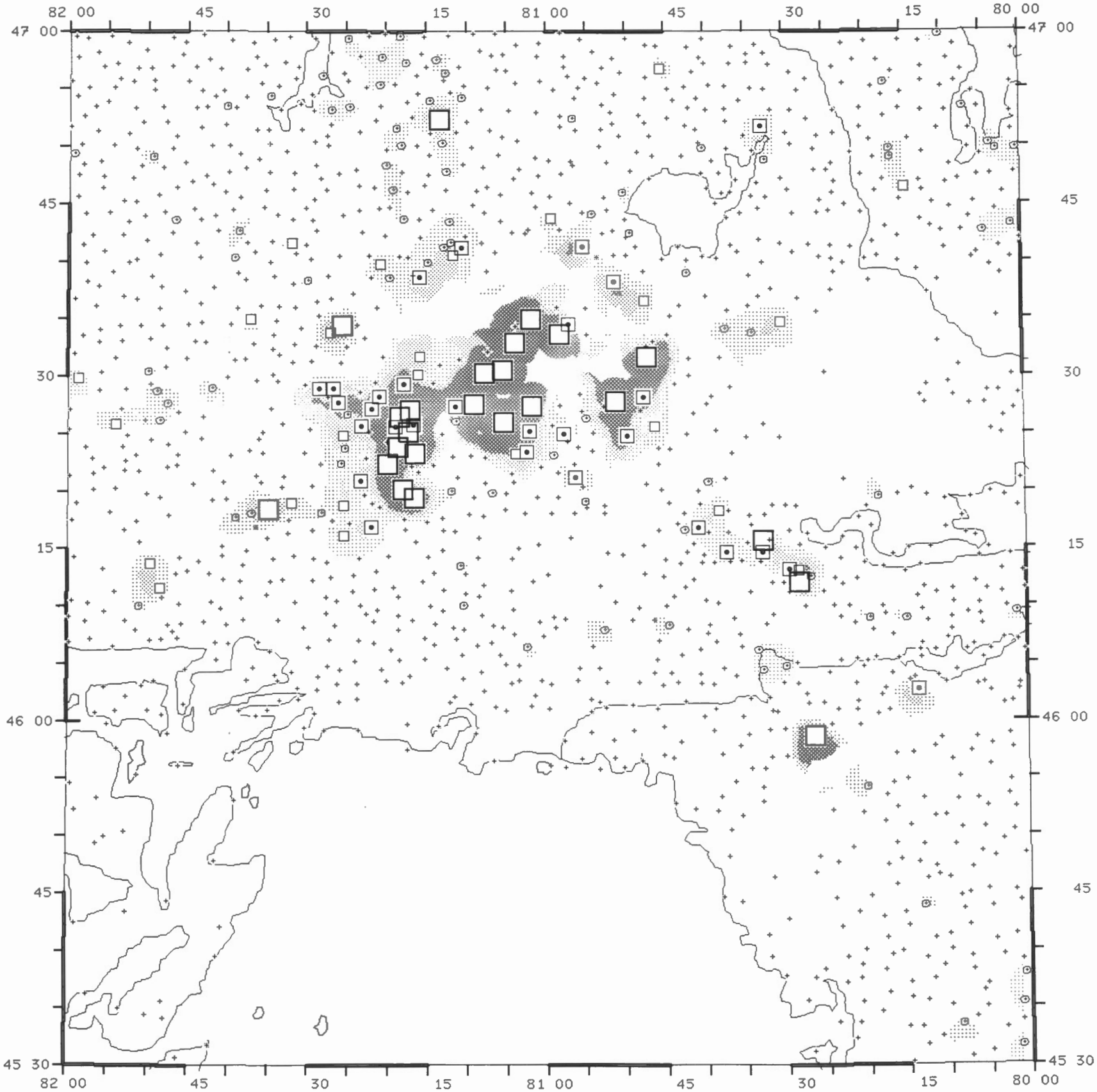

SILVER
IN
LAKE SEDIMENTS

PPM	%TILE
5.5	MAX
0.4	95
0.3	90
0.2	80
0.1	MIN

1451 SAMPLES

PPM	%TILE
5.5	MAX
0.6	98
0.4	95
0.3	90
0.2	80
0.1	MIN

1451 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
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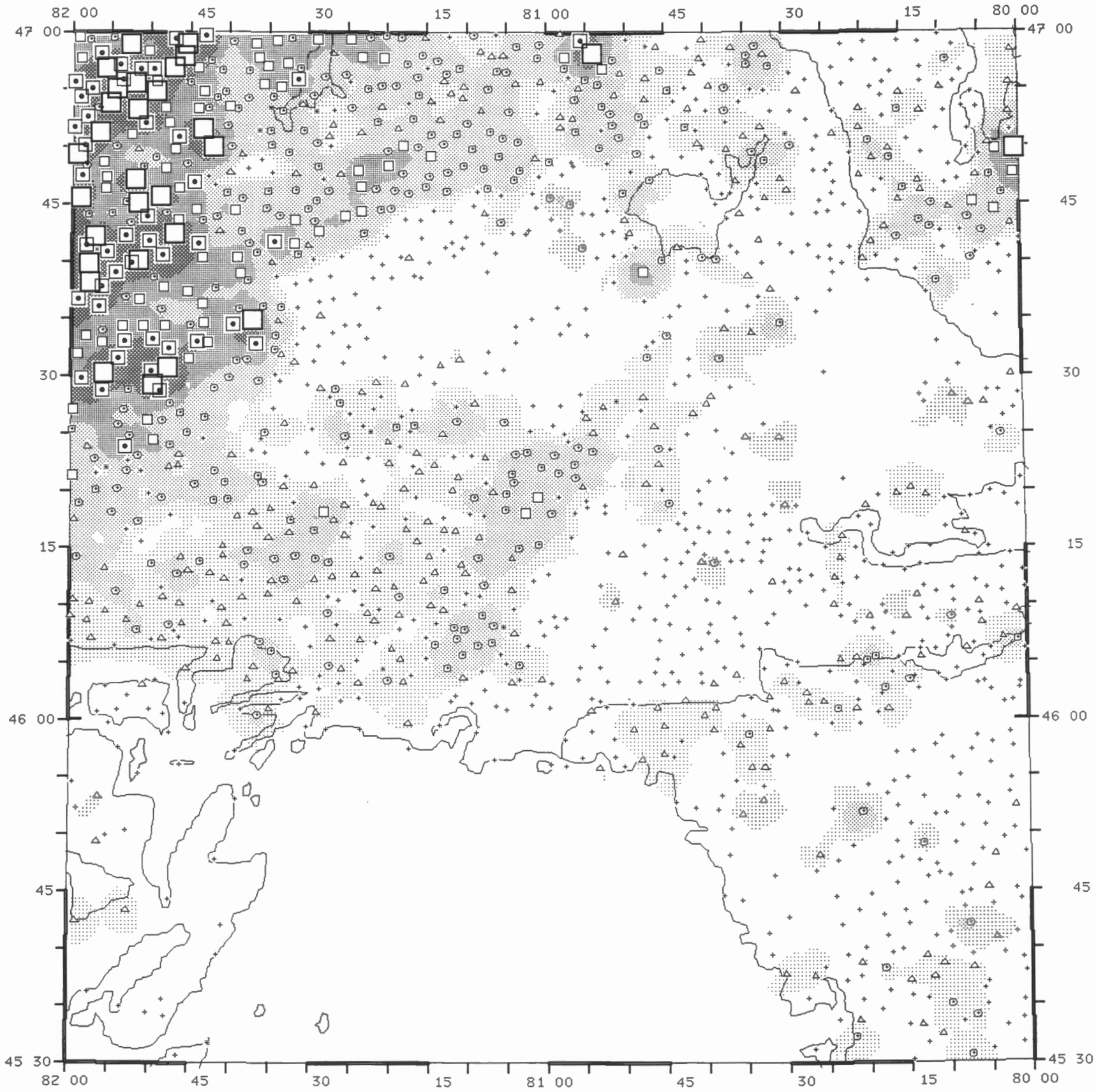

URANIUM
IN
LAKE SEDIMENTS

PPM	%TILE
193.0	MAX
26.5	95
12.4	90
3.7	70
2.5	50
0.3	MIN

1451 SAMPLES

PPM	%TILE
193.0	MAX
42.7	98
26.5	95
12.4	90
3.7	70
2.5	50
0.3	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT AGREEMENT
(1985 - 1990)

ONTARIO 1988
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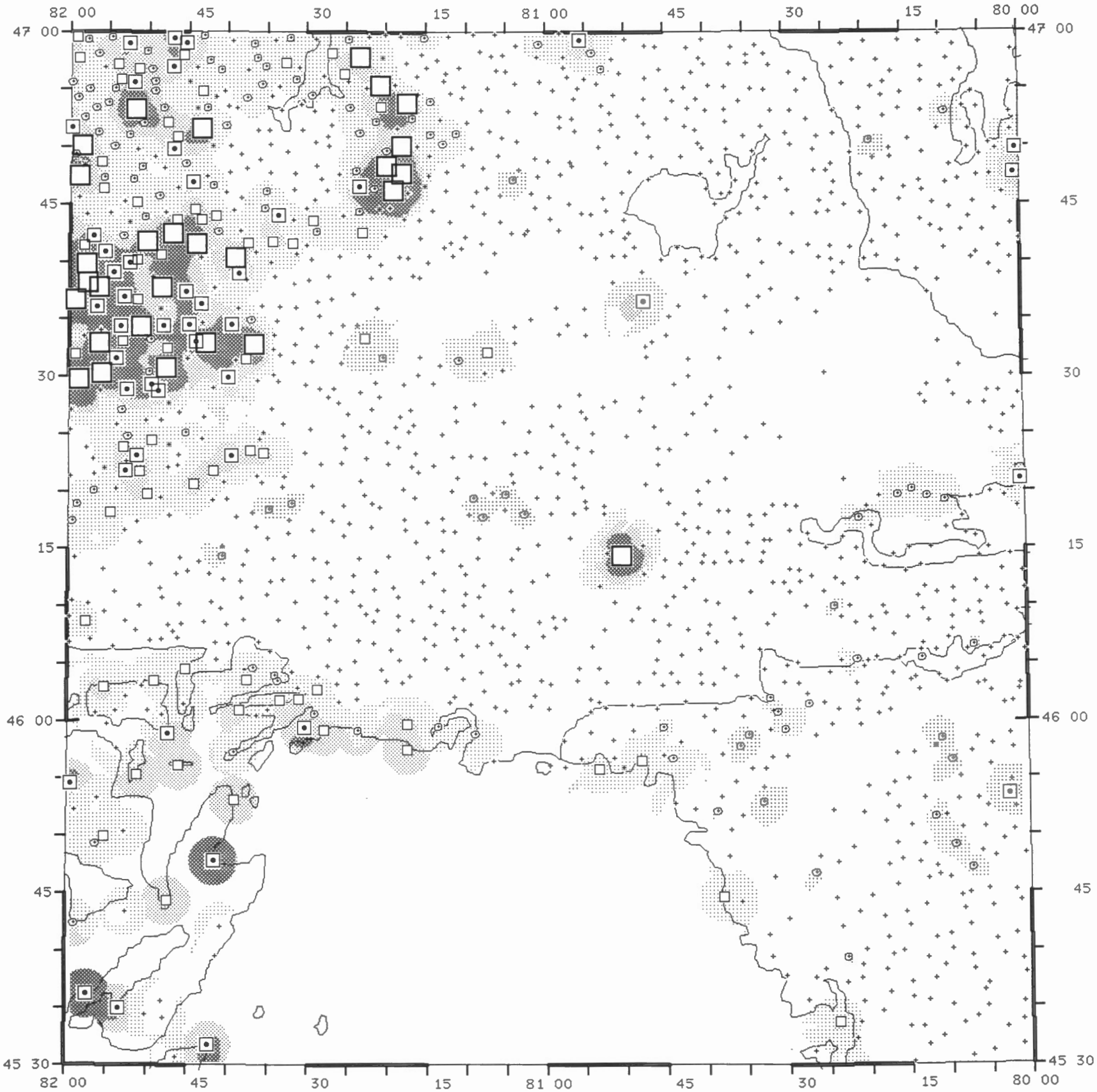

URANIUM
IN
LAKE WATERS

PPB	%TILE
3.90	MAX
0.14	95
0.09	90
0.04	82
0.03	MIN

1451 SAMPLES

PPB	%TILE
3.90	MAX
0.22	98
0.14	95
0.09	90
0.04	82
0.03	MIN

1451 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I,
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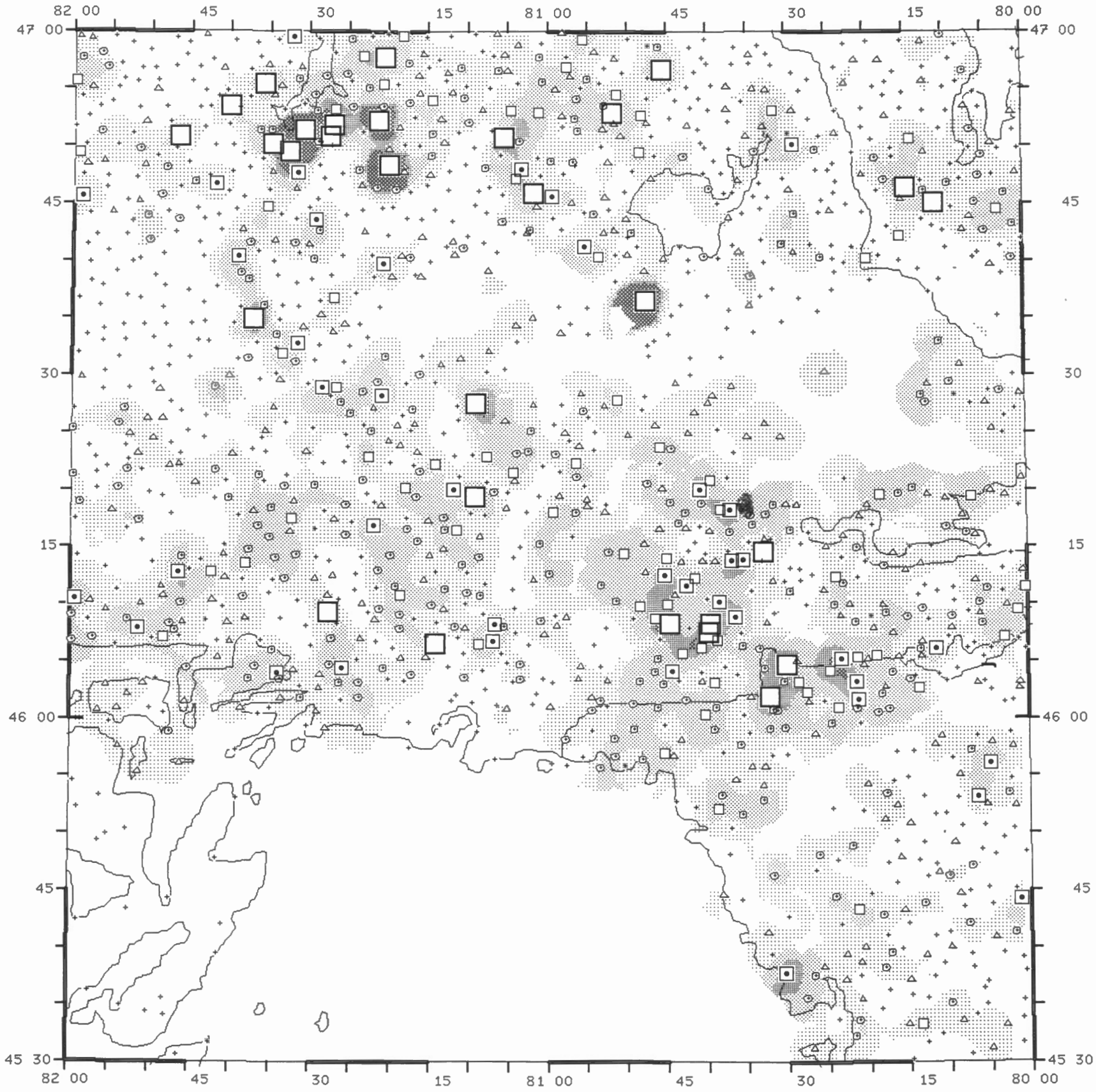

VANADIUM
IN
LAKE SEDIMENTS

PPM	%TILE
280	MAX
55	95
48	90
36	70
27	50
2	MIN

1451 SAMPLES

PPM	%TILE
280	MAX
64	98
55	95
48	90
36	70
27	50
2	MIN

1451 SAMPLES

0 20

KILOMETRES

GSC OPEN FILE 1639
CANADA - ONTARIO
MINERAL DEVELOPMENT
AGREEMENT
(1985 - 1990)

ONTARIO 1988
(41I ,
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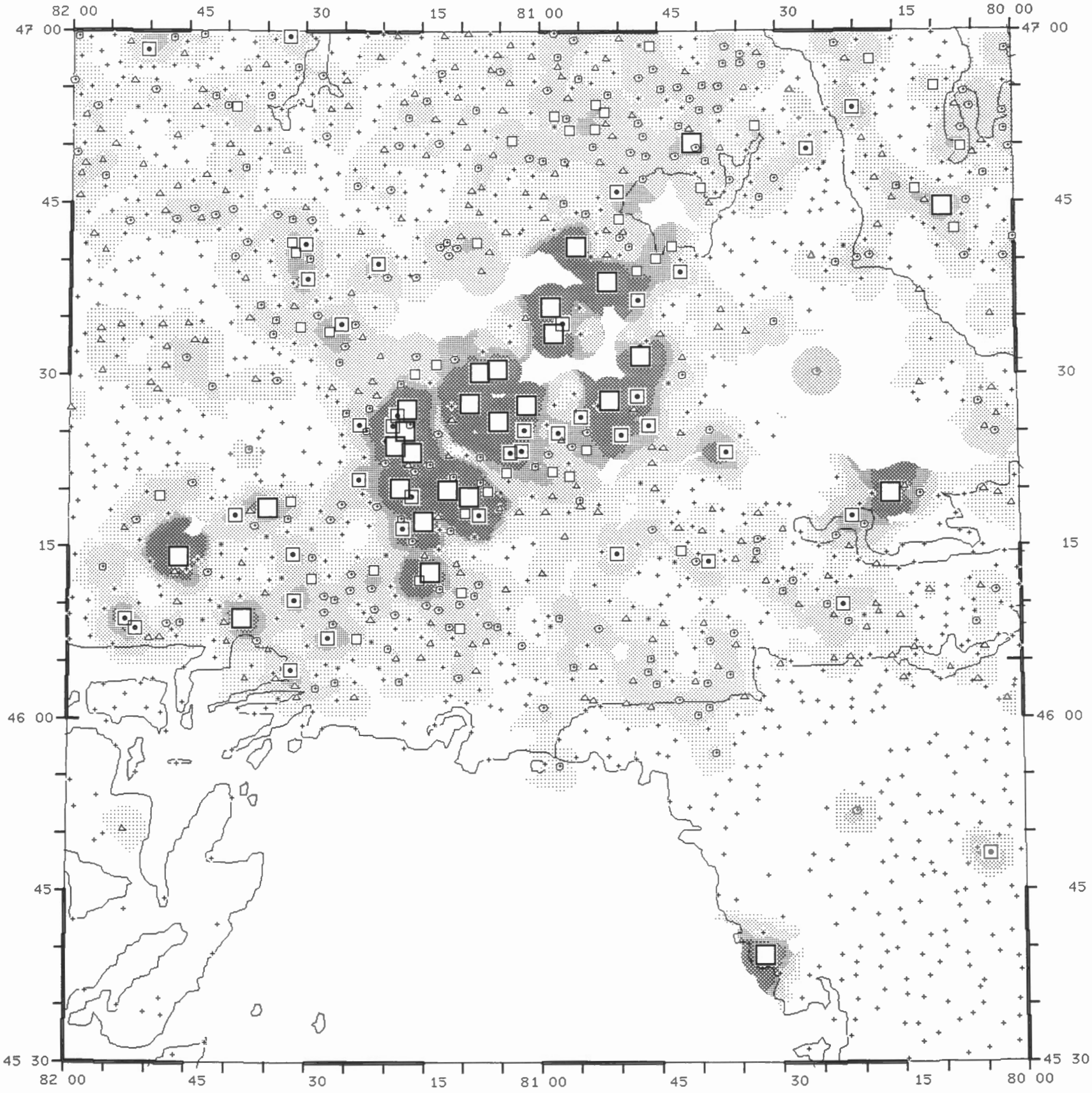


GOLD
IN
LAKE SEDIMENTS

PPB	%TILE
400.0	MAX
6.0	95
4.0	90
2.0	70
1.0	60
0.5	MIN

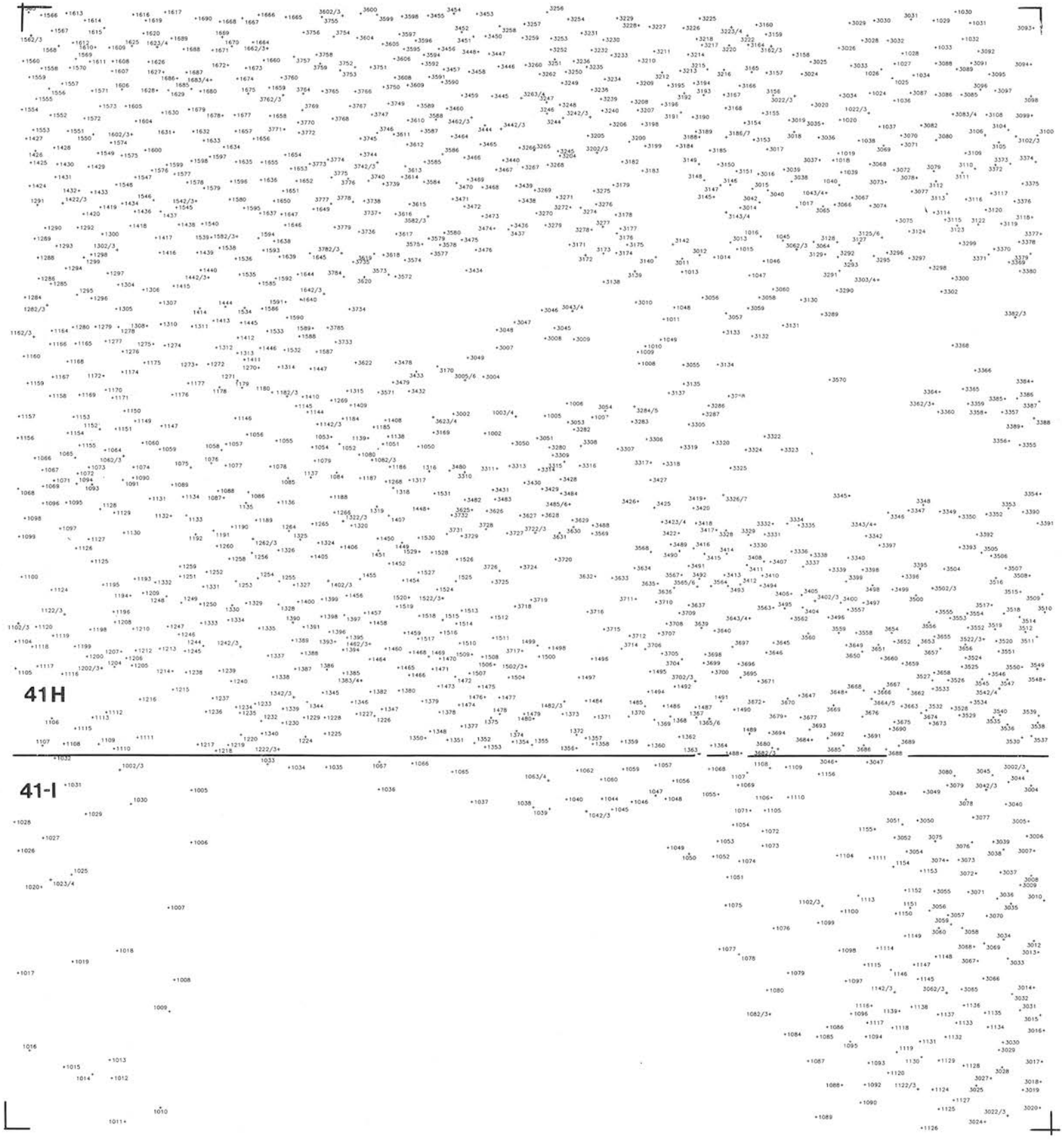
1451 SAMPLES

PPB	%TILE
400.0	MAX
12.0	98
6.0	95
4.0	90
2.0	70
1.0	60
0.5	MIN

1451 SAMPLES

0 20

KILOMETRES



ONTARIO 1988
(41I,
PART OF 41H)

ONTARIO 1988
(41I ,
PART OF 41H)